REPORT

Conceptual RD/RA Work Plan Addendum for Newell Street Area I

Volume II of V

General Electric Company
Pittsfield, Massachusetts

April 17, 2003

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BLASLAND, BOUCK & LEE, INC.
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APPENDIX A

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

NEWELL STREET AREA I SUPPLEMENTAL PRE-DESIGN INVESTIGATIONS

SOIL SAMPLING DATA VALIDATION REPORT

1.0 General

This appendix summarizes the Tier I and Tier II data reviews performed for soil samples collected during supplemental pre-design investigation activities at the Newell Street Area I Removal Action Area, located in Pittsfield, Massachusetts. The samples were analyzed for various constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents -- benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine (hereafter referred to as Appendix IX+3), excluding pesticides and herbicides, by CT&E Environmental Services, Inc. of Charleston, West Virginia and Paradigm Analytical Laboratories, Inc. of Wilmington, North Carolina. Data validation was performed for 32 polychlorinated biphenyl (PCB) samples, 49 volatile organic compound (VOC) samples, 60 semi-volatile organic compound (SVOC) samples, 57 polychlorinated dibenzo-p-dioxin (PCDD)/polychlorinated dibenzofuran (PCDF) samples, 79 metals samples, and 33 cyanide/sulfide samples.

2.0 Data Evaluation Procedures

This appendix outlines the applicable quality control criteria utilized during the data review process and any deviations from those criteria. The data review was conducted in accordance with the following documents:

- *Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts*, Blasland, Bouck & Lee, Inc. ([BBL]; FSP/QAPP, approved October 17, 2000);
- *Region I Tiered Organic and Inorganic Data Validation Guidelines*, USEPA Region I (July 1, 1993);
- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Inorganics Analyses,* USEPA Region I (June 13, 1988) (Modified February 1989);
- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses,* USEPA Region I (February 1, 1988) (Modified November 1, 1988);
- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses,* USEPA Region I (Draft, December 1996); and
- *National Functional Guidelines for Dioxin/Furan Data Validation, USEPA (Draft, January 1996).*

A tabulated summary of the Tier I and Tier II data evaluations is presented in Table A-1. Each sample subjected to evaluation is listed in Table A-1 to document that data review was performed, as well as present the highest level of data validation (Tier I or Tier II) that was applied. Samples that required data qualification are listed separately for each parameter (compound or analyte) that required qualification.

The following data qualifiers have been used in this data evaluation.

J The compound or analyte was positively identified, but the associated numerical value is an estimated concentration. This qualifier is used when the data evaluation procedure identifies a deficiency in the data generation process. This qualifier is also used when a compound or analyte is detected at estimated concentrations less than the Practical Quantitation Limit (PQL).

U The compound or analyte was analyzed for, but was not detected. The sample quantitation limit is presented and adjusted for dilution and (for solid samples only) percent moisture. Non-detected sample results are presented as ND(PQL) within this report and in Table A-1 for consistency with previous documents prepared for this investigation.

UJ The compound or analyte was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual level of quantitation. Non-detected sample results that required qualification are presented as ND(PQL) J within this report and in Table A-1 for consistency with previous documents prepared for this investigation.

R Indicates that the previously reported detection limit or sample result has been rejected due to a major deficiency in the data generation procedure. The data should not be used for any qualitative or quantitative purposes.

3.0 Data Validation Procedures

The FSP/QAPP provides (in Section 7.5) that all analytical data will be validated to a Tier I level following the procedures presented in the *Region I Tiered Organic and Inorganic Data Validation Guidelines* (USEPA guidelines). Accordingly, 100% of the analytical data for these investigations were subjected to Tier I review. The Tier I review consisted of a completeness evidence audit, as outlined in the *USEPA Region I CSF Completeness Evidence Audit Program* (USEPA Region I, 7/31/91), to ensure that all laboratory data and documentation were present. A tabulated summary of the samples subjected to Tier I and Tier II data evaluation is presented below.

Summary of Samples Subjected to Tier I and Tier II Data Validation

Parameter	Tier I Only			Tier I &Tier II			Total
	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	
PCBs	24	2	2	3	0	1	32
VOCs	0	0	0	42	3	4	49
SVOCs	0	0	0	54	3	3	60
PCDDs/PCDFs	0	0	0	49	4	4	57
Metals	0	0	0	71	4	4	79
Cyanide/Sulfide	16	0	0	13	2	2	33
Total	**40**	**2**	**2**	**232**	**16**	**18**	**310**

In the event data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complied with USEPA Region I Tier I data completeness requirements.

As specified in the FSP/QAPP, approximately 25% of the laboratory sample delivery group packages were randomly chosen to be subjected to Tier II review. A Tier II review was also performed to resolve data usability limitations identified from laboratory qualification of the data during the Tier I data review. The Tier II data review consisted of a review of all data package summary forms for identification of Quality Assurance/Quality Control (QA/QC) deviations and qualification of the data according to the Region I Data Validation Functional Guidelines. Due to the variable sizes of the data packages and the number of data qualification issues identified during the Tier I review, approximately 86% of the data were subjected to a Tier II review. The Tier II review resulted in the qualification of data for several samples due to minor QA/QC deficiencies. Additionally, all field duplicates were examined for Relative Percent Difference (RPD) compliance with the criteria specified in the FSP/QAPP.

When qualification of the sample data was required, the sample results associated with a QA/QC parameter deviation were qualified in accordance with the procedures outlined in USEPA Region I data validation guidance documents. When the data validation process identified several quality control deficiencies, the cumulative effect of the various deficiencies was employed in assigning the final data qualifier. A summary of the QA/QC parameter deviations that resulted in data qualification is presented below for each analytical method.

4.0 Data Review

The initial calibration criterion for organic analyses requires that the average Relative Response Factor (RRF) has a value greater than 0.05. Sample results were qualified as estimated (J) when this criterion was exceeded. The compounds that exceeded initial calibration criterion and the number of samples qualified are presented below.

Compounds Qualified Due to Initial Calibration Deviations

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,4-Dioxane	39	J
	2-Chloroethyl vinyl ether	3	J
	Acetonitrile	3	J
	Acrolein	38	J
	Acrylonitrile	3	J
	Isobutanol	20	J
	Propionitrile	3	J
SVOCs	4-Phenylenediamine	44	J
	Hexachlorophene	14	J

Several of the organic compounds (including the compounds presented in the above table detailing RRF deviations) exhibit instrument Response Factors (RFs) below the USEPA Region I minimum value of 0.05, but meet the analytical method criterion which does not specify minimum RFs for these compounds. These compounds were analyzed by the laboratory at a higher concentration than the compounds that normally exhibit RFs greater than the USEPA Region I minimum value of 0.05 in an effort to demonstrate acceptable response. USEPA Region I guidelines state that non-detected compound results associated with a RF less than the minimum value of 0.05 are to be rejected (R). However, in the case of these select organic compounds, the RF is an inherent problem with the current analytical methodology; therefore, the non-detected sample results were qualified as estimated (J).

The initial calibration criterion for SVOCs requires that the percent relative standard deviation (%RSD) must be less than or equal to 30 percent. Sample data for detected and non-detected compounds with %RSD values greater than 30 percent were qualified as estimated (J). The compounds that exceeded initial calibration criterion and the number of samples qualified due those exceeded are identified below.

Compounds Qualified Due to Initial Calibration %RSD Deviations

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	2,4-Dinitrophenol	1	J
	Hexachlorocyclopentadiene	3	J
	Pentachlorophenol	1	J

The continuing calibration criterion requires that the %D between the initial calibration RRF and the continuing calibration RRF for VOCs and SVOCs be less than 25%. Sample data for detected and non-detected compounds with %D values that exceeded the continuing calibration criterion were qualified as estimated (J). A summary of the compounds that exceeded continuing calibration criterion and the number of samples qualified due to those deviations are identified below.

Compounds Qualified Due to Continuing Calibration of %D Values

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,1,1,2-Tetrachloroethane	1	J
	2-Chloroethyl vinyl ether	30	J
	2-Hexanone	11	J
	Acrolein	2	J
	Carbon Tetrachloride	5	J
	Chloroethane	1	J
	Chloromethane	20	J
	Dichlorodifluoromethane	20	J
	Propionitrile	3	J
	Tetrachloroethene	2	J
	trans-1,4-Dichloro-2-butene	1	J
	Trichlorofluoromethane	2	J
SVOCs	1,2-Diphenylhydrazine	1	J
	1,3,5-Trinitrobenzene	1	J
	2,4-Dinitrophenol	8	J
	2-Acetylaminofluorene	9	J
	2-Nitroaniline	5	J
	3,3'-Dichlorobenzidine	13	J
	3,3'-Dimethylbenzidine	31	J
	3-Nitroaniline	7	J
	4,6-Dinitro-2-methylphenol	6	J
	4-Aminobiphenyl	14	J
	4-Chlorobenzilate	2	J
	4-Chlorophenyl-phenylether	1	J
	4-Nitroaniline	8	J

Compounds Qualified Due to Continuing Calibration of %D Values

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	4-Nitroquinoline-1-oxide	16	J
	5-Nitro-o-toluidine	1	J
	Aramite	16	J
	Benzidine	26	J
	Diallate	6	J
	Diphenylamine	10	J
	Hexachlorobenzene	11	J
	Hexachlorophene	10	J
	Hexachloropropene	10	J
	Methapyrilene	18	J
	N-Nitrosomorpholine	10	J
	N-Nitrosopyrrolidine	16	J
	o-Toluidine	1	J
	p-Dimethylaminoazobenzene	10	J
	Pentachloronitrobenzene	11	J
	Thionazin	11	J

The initial calibration criterion for organic compounds requires that the correlation coefficient of the initial calibration must be greater than or equal to 0.99. Sample data for compounds associated with a correlation coefficient value less than 0.99 were qualified as estimated (J). The compounds that exceeded initial calibration criterion and the number of samples qualified due to those deviations are identified below.

Compounds Qualified Due to Initial Calibration Correlation Coefficients Deviations

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	2-Acetylaminofluorene	3	J
	Hexachlorophene	4	J

Contract required detection limit (CRDL) standards were analyzed to evaluate instrument performance at low-level concentrations that are near the analytical method PQL. These standards are required to have recoveries between 80 and 120 percent to verify that the analytical instrumentation was properly calibrated. When CRDL standard recoveries were outside the 80 to 120 percent control limits, the affected samples with detected results at or near the PQL concentration (less than 3 times the PQL) were qualified as estimated (J). The analytes that did not meet CRDL criteria and the number of samples qualified due to those deviations are presented below.

Analytes Qualified Due to CRDL Standard Recovery Deviations

Analysis	Analyte	Number of Affected Samples	Qualification
Inorganics	Antimony	1	J
	Chromium	1	J
	Selenium	10	J
	Thallium	5	J
	Zinc	1	J

Field, laboratory, and method blanks were analyzed to evaluate whether field sampling equipment or laboratory background contamination may have contributed to the reported sample results. When detected analytes were identified in a blank sample, blank action levels were calculated at 10 times the blank concentrations for the common laboratory contaminant compounds octachlorinated dibenzodioxin (OCDD) and five times the blank concentration for all other detected analytes. Detected sample results that were below the blank action level were qualified as "U." The analytes/compounds detected in the method blanks and which resulted in qualification of sample data are presented below.

Analytes/Compounds Qualified Due to Blank Deviations

Analysis	Analyte/Compound	Number of Affected Samples	Qualification
Inorganics	Antimony	5	U
	Cadmium	4	U
	Mercury	1	U
	Silver	2	U
	Tin	23	U
PCDDs/PCDFs	1,2,3,4,7,8,9-HpCDF	1	U
	1,2,3,7,8,9-HxCDD	1	U
	OCDD	7	U
	OCDF	1	U

Surrogate compounds are analyzed with every organic sample to aid in evaluation of the sample purging efficiency. As specified in the FSP/QAPP, all surrogate compounds must have a recovery between the laboratory specified control limits for VOCs sample analysis. Sample data for detected and non-detected compounds with surrogate recoveries that exceeded the surrogate recovery criteria and exhibited recoveries greater than 10 percent were qualified as estimated (J). A summary of the compounds affected by surrogate recovery deviations and the number of samples qualified due to those deviations are shown below.

Compounds Qualified Due to Surrogate Recovery Deviations

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	All compounds	1	J

Matrix spike (MS) sample analysis recovery criteria for inorganics require that spike recoveries be between 75 and 125 percent and for organics the MS recoveries must be within the laboratory generated QC acceptance limits specified on the MS reporting form. Inorganic sample results that exceeded these limits were qualified as estimated (J). MS sample analysis recovery criteria for organics require that the MS be within the laboratory generated QC acceptance limits specified on the MS reporting form. Organic sample results that exceeded laboratory generated QC acceptance limits and have MS recoveries greater than 10 percent were qualified as estimated (J). Analytes/Compounds that did not meet MS recovery criteria and the number of samples qualified due to those deviations are presented below.

Analytes/Compounds Qualified Due to Matrix Spike Recovery Deviations

Analysis	Analyte/Compound	Number of Affected Samples	Qualification
Inorganics	Mercury	12	J
	Sulfide	12	J
SVOCs	1,2,4-Trichlorobenzene	2	J
	N-Nitroso-di-n-propylamine	1	J
	Pyrene	2	J
	1,2,3,4,6,7,8-HpCDD	1	J
	1,2,3,4,7,8,9-HpCDF	1	J
	1,2,3,7,8,9-HxCDF	1	J
	2,3,4,6,7,8-HxCDF	1	J
	2,3,7,8-TCDD	1	J
	OCDD	1	J

Field duplicate samples were analyzed to evaluate the overall precision of laboratory and field procedures. The RPD between duplicate samples is required to be less than 50 percent for soil sample values greater than five times the PQL. Sample results for analytes that exceeded these limits were qualified as estimated (J). The analytes/compounds that did not meet field duplicate RPD requirements and the number of samples qualified due to those deviations are presented below.

Analytes/Compounds Qualified Due to Field Duplicate Deviations

Analysis	Analyte/Compound	Number of Affected Samples	Qualification
Inorganics	Lead	14	J
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDD	2	J
	1,2,3,4,6,7,8-HpCDF	2	J
	1,2,3,4,7,8,9-HpCDF	2	J
	1,2,3,4,7,8-HxCDF	2	J
	1,2,3,6,7,8-HxCDF	2	J
	1,2,3,7,8,9-HxCDF	2	J
	1,2,3,7,8-PeCDF	2	J
	2,3,4,6,7,8-HxCDF	2	J
	2,3,4,7,8-PeCDF	2	J
	2,3,7,8-TCDF	4	J
	HpCDDs (total)	2	J
	HpCDFs (total)	2	J
	HxCDDs (total)	2	J
	HxCDFs (total)	2	J
	OCDD	2	J
	OCDF	2	J
	PeCDDs (total)	2	J
	PeCDFs (total)	2	J
	TCDDs (total)	2	J
	TCDFs (total)	2	J

Internal standard compounds for VOCs and SVOCs analysis are required to have area counts that are not greater than two times (+100 percent) or less than one-half (-50 percent) of the area counts for the continuing calibration standard. The PCDDs/PCDFs internal standard compound recovery criteria require that internal standard recoveries be between 40 and 140 percent. VOCs and SVOCs sample results for the associated compounds were qualified as estimated (J) when the internal standard recovery was less than 50 percent, but greater than 25 percent. PCDDs/PCDFs sample results for the associated compounds were qualified as estimated (J) when the internal standard recovery was less than 25 percent, but greater than 10 percent. Compounds associated with internal standards which did not meet the recovery criteria and the numbers of samples qualified due to those deviations are identified below.

Compounds Qualified Due to Internal Standard Recovery Deviations

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,1,2,2-Tetrachloroethane	1	J
	1,2,3-Trichloropropane	1	J
	1,2-Dibromo-3-chloropropane	1	J
	trans-1,4-Dichloro-2-butene	1	J
SVOCs	2-Methylnaphthalene	1	J
	4-Chloro-3-Methylphenol	1	J
	Acenaphthene	2	J
	Acenaphthylene	1	J
	Aniline	1	J
	Anthracene	4	J
	Benzo(a)anthracene	1	J
	Benzo(a)pyrene	4	J
	Benzo(b)fluoranthene	4	J
	Benzo(g,h,i)perylene	2	J
	Benzo(k)fluoranthene	4	J
	Chrysene	2	J
	Dibenzo(a,h)anthracene	2	J
	Dibenzofuran	2	J
	Fluoranthene	1	J
	Fluorene	2	J
	Indeno(1,2,3-cd)pyrene	1	J
	Naphthalene	1	J
	Phenanthrene	1	J
	Pyrene	3	J
PCDDs/PCDFs	1,2,3,4,7,8-HxCDD	1	J

The quantitation criteria require that detected organic sample results be quantitated within the linear range of the five point calibration curve. Detected sample results which are above the linear range of the calibration are required to be re-analyzed at a dilution yielding a sample result within the linear range of the calibration (preferable at the midpoint). Sample data for detected compounds which were not re-analyzed at a dilution within the calibration range were qualified as estimated (J). A summary of the compounds that exceeded quantitation criteria and the number of samples qualified due to those deviations are identified below.

Compounds Qualified Due to Quantitation Criteria

Analysis	Compound	Number of Affected Samples	Qualification
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDF	7	J
	1,2,3,4,7,8,9-HpCDF	1	J
	1,2,3,4,7,8-HxCDF	7	J
	1,2,3,6,7,8-HxCDF	6	J
	1,2,3,7,8-PeCDF	5	J
	2,3,4,6,7,8-HxCDF	2	J
	2,3,4,7,8-PeCDF	5	J
	2,3,7,8-TCDF	7	J
	OCDF	6	J

The organic calibration criterion requires that a continuing calibration standard be analyzed prior to each sample analysis. Sample data for non-detected compounds were qualified as rejected (R) when this criterion was not met. Organic compounds that did not satisfy the calibration criterion and the number of samples qualified due to those deviations are identified below.

Compounds Qualified Due to Calibration Criteria

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,4-Dioxane	1	R
	2-Chloroethylvinylether	1	R
	Acetonitrile	1	R
	Isobutanol	1	R
	Vinyl Acetate	1	R

Laboratory duplicate samples were analyzed to evaluate the overall precision of laboratory and field procedures for inorganic analysis. The RPD between duplicate samples is required to be less than 35 percent for soil samples with analyte concentrations greater than five times the PQL. Detected sample results for analytes that exceeded these limits were qualified as estimated (J). The inorganic analyte that did not meet laboratory duplicate RPD criteria and the number of samples qualified due to those deviations are presented below.

Analyte Qualified Due to Laboratory Duplicate Deviations

Analysis	Analyte	Number of Affected Samples	Qualification
Inorganics	Sulfide	3	J

SVOCs samples which were diluted due to high concentration of organic compounds contained in the samples should exhibit an RPD of less than 20 percent between the original analysis and the diluted analysis. In any instance where the original analysis and the dilution RPD was greater than 20 percent the highest sample result was reported and qualified as estimated (J). The SVOCs dilutions which exhibited a RPD greater than 20 percent and the number of samples qualified due to those deviations are presented below.

Compounds Qualified Due to Dilution Criteria

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	Anthracene	1	J
	Benzo(a)anthracene	2	J
	Benzo(a)pyrene	2	J
	Benzo(b)fluoranthene	3	J
	Benzo(g,h,i)perylene	2	J
	Benzo(k)fluoranthene	2	J
	Chrysene	1	J
	Dibenzofuran	1	J
	Fluorene	1	J
	Indeno(1,2,3-cd)pyrene	1	J
	Naphthalene	1	J
	Phenanthrene	1	J

5.0 Overall Data Usability

This section summarizes the analytical data in terms of its completeness and usability for site characterization purposes. Data completeness is defined as the percentage of sample results determined to be usable during the data validation process. Data completeness with respect to usability was calculated separately for inorganic and each of the organic analyses. The percent usability calculation included analyses evaluated under both the Tier I and Tier II data validation reviews. The percent usability calculation also includes quality control samples collected to aid in the evaluation of data usability. Therefore, field/equipment blank, trip blank, and field duplicate data determined to be unusable as a result of the validation process are represented in the percent usability values tabulated below.

Data Usability

Parameter	Percent Usability	Rejected Data
Inorganics	100	None
Cyanide and Sulfide	100	None
VOCs	99.8	A total of 5 sample results were rejected due to continuing calibration deviations.
SVOCs	100	None
PCBs	100	None
PCDDs/PCDFs	100	None

The data package completeness as determined from the Tier I data review was used in combination with the data quality deviations identified during the Tier II data review to determine overall data quality. As specified in the FSP/QAPP, the overall precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters determined from the Tier I and Tier II data reviews were used as indicators of overall data quality. These parameters were assessed through an evaluation of the results of the field and laboratory QA/QC sample analyses to provide a measure of compliance of the analytical data with the Data Quality Objectives (DQOs) specified in the FSP/QAPP. Therefore, the following sections present summaries of the PARCC parameters assessment with regard to the DQOs specified in the FSP/QAPP.

5.1 Precision

Precision measures the reproducibility of measurements under a given set of conditions. Specifically, it is a quantitative measure of the variability of a group of measurements compared to their average value. For this investigation, precision was defined as the RPD between duplicate sample results. The duplicate samples used to evaluate precision included laboratory duplicates, field duplicates, MS/MSD samples, and ICP serial dilution samples. For this analytical program, 0.02% of the data required qualification for laboratory duplicate RPD deviations and 0.44% of the data required qualification field duplicate RPD deviations. None of the data required qualification for MS/MSD RPD deviations or ICP serial dilution deviations.

5.2 Accuracy

Accuracy measures the bias in an analytical system or the degree of agreement of a measurement with a known reference value. For this investigation, accuracy was defined as the percent recovery of QA/QC samples that were spiked with a known concentration of an analyte or compound of interest. The QA/QC samples used to evaluate analytical accuracy included instrument calibration, internal standards, Laboratory Control Standards (LCSs), MS/MSD samples, Contract Required Detection Limit (CRDL) samples, and surrogate compound recoveries. For this analytical program, 4.8% of the data required qualification for calibration deviations, 0.14% required qualification for CRDL standard recoveries, 0.43% required qualification for surrogate compound standard recoveries, 0.35% required qualification for internal standard recoveries, and 0.32% required qualification for MS/MSD recoveries. None of the data required qualification for LCS recovery deviations.

5.3 Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents a characteristic of a population, parameter variations at a sampling point, or an environmental condition. Representativeness is a qualitative parameter which is most concerned with the proper design of the sampling program. The representativeness criterion is best satisfied by making certain that sampling locations are selected properly and a sufficient number of samples are collected. This parameter has been addressed by collecting samples at locations specified in Agency-approved work plans and by following the procedures for sample collection/analyses described in the FSP/QAPP. Additionally, the analytical program used procedures that were consistent with USEPA-approved analytical methodology. A QA/QC parameter that is an indicator of the representativeness of a sample is holding time. Holding time criteria are established to maintain the samples in a state that is representative of the in-situ field conditions before analysis. For this analytical program, none of the data required qualification for exceeding holding time requirements.

5.4 Comparability

Comparability is a qualitative parameter expressing the confidence with which one data set can be compared with another. This goal was achieved through the use of the standardized techniques for sample collection and analysis presented in the FSP/QAPP. The USEPA SW-846[1] analytical methods presented in the FSP/QAPP are updated on occasion by the USEPA to benefit from recent technological advancements in analytical chemistry and instrumentation. In most cases, the method upgrades include the incorporation of new technology that improves the sensitivity and stability of the instrumentation or allows the laboratory to increase throughput without hindering accuracy and precision. Overall, the analytical

[1] Test Methods for evaluating Solid Waste, SW-846, USEPA, Final Update III, December 1996

methods for this investigation have remained consistent in their general approach through continued use of the basic analytical techniques (i.e., sample extraction/preparation, instrument calibration, QA/QC procedures, etc.). Through this use of consistent base analytical procedures and by requiring that updated procedures meet the QA/QC criteria specified in the FSP/QAPP, the analytical data from past, present, and future sampling events will be comparable to allow for qualitative and quantitative assessment of site conditions.

5.5 Completeness

Completeness is defined as the percentage of measurements that are judged to be valid or usable to meet the prescribed DQOs. The completeness criterion is essentially the same for all data uses -- the generation of a sufficient amount of valid data. The actual completeness of this analytical data set ranged from 99.8 to 100% for individual analytical parameters and had an overall usability of 99.9%, which is greater than the minimum required usability of 90% as specified in the FSP/QAPP.

The rejected sample data for these investigations include sample analyses results for 5 VOCs for sample RB-081602 due to compounds which were not included in the associated continuing calibration standard analyzed prior to the analysis of this sample. This sample was a rinse blank and the compounds which were not contained in the continuing calibration standard were rejected. Furthermore, the rejected compounds were not detected in the associated samples. Therefore re-sampling of the associated sampling locations is not recommended.

TABLE A-1
ANALYTICAL DATA VALIDATION SUMMARY
NSA I SUPPLEMENTAL PRE-DESIGN INVESTIGATIONS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs											
2I0P309	J9-23-12-SLO466 (10 - 15)	9/16/2002	Soil	Tier I	No						
2I0P309	J9-23-12-SLO466 (3 - 6)	9/16/2002	Soil	Tier I	No						
2I0P309	J9-23-12-SLO466 (6 - 10)	9/16/2002	Soil	Tier I	No						
2I0P309	J9-23-16-H-6 (0 - 1)	9/16/2002	Soil	Tier I	No						
2I0P309	J9-23-16-H-6 (1 - 3)	9/16/2002	Soil	Tier I	No						
2I0P309	J9-23-16-H-6 (10 - 15)	9/16/2002	Soil	Tier I	No						
2I0P309	J9-23-16-H-6 (3 - 6)	9/16/2002	Soil	Tier I	No						
2I0P309	J9-23-16-H-6 (6 - 10)	9/16/2002	Soil	Tier I	No						
2I0P309	NEW-DUP-4 (6 - 10)	9/16/2002	Soil	Tier I	No						J9-23-12-SLO466
2I0P309	RB-091602-2	9/16/2002	Water	Tier I	No						
2I0P310	J9-23-23-F18B (0 - 1)	9/16/2002	Soil	Tier I	No						
2I0P310	J9-23-23-F18B (1 - 3)	9/16/2002	Soil	Tier I	No						
2I0P310	J9-23-23-F18B (3 - 6)	9/16/2002	Soil	Tier I	No						
2I0P310	J9-23-23-H18B (0 - 1)	9/16/2002	Soil	Tier I	No						
2I0P310	J9-23-23-H18B (1 - 3)	9/16/2002	Soil	Tier I	No						
2I0P310	J9-23-23-H18B (10 - 15)	9/16/2002	Soil	Tier I	No						
2I0P310	J9-23-23-H18B (3 - 6)	9/16/2002	Soil	Tier I	No						
2I0P310	J9-23-23-H18B (6 - 10)	9/16/2002	Soil	Tier I	No						
2I0P337	J9-23-16-I6 (0 - 1)	9/17/2002	Soil	Tier I	No						
2I0P337	J9-23-22-K-18 (1 - 3)	9/17/2002	Soil	Tier I	No						
2I0P337	J9-23-22-K-18 (3 - 6)	9/17/2002	Soil	Tier I	No						
2I0P337	J9-23-23-G-18 (0 - 1)	9/17/2002	Soil	Tier I	No						
2I0P337	J9-23-23-I19 (0 - 1)	9/17/2002	Soil	Tier I	No						
2I0P337	J9-23-26-SLO445 (10 - 15)	9/17/2002	Soil	Tier I	No						
2I0P337	J9-23-26-SLO445 (3 - 6)	9/17/2002	Soil	Tier I	No						
2I0P337	J9-23-26-SLO445 (6 - 10)	9/17/2002	Soil	Tier I	No						
2I0P337	NEW-DUP-5 (0 - 1)	9/17/2002	Soil	Tier I	No						J9-23-16-I6
2I0P337	RB-091702-1	9/17/2002	Water	Tier I	No						
2K0P099	F18-B (10 - 15)	11/5/2002	Soil	Tier II	No						
2K0P099	F18-B (6 - 10)	11/5/2002	Soil	Tier II	No						
2K0P099	RB-110502	11/5/2002	Water	Tier II	No						
2K0P099	SLO-083 (10 - 15)	11/5/2002	Soil	Tier II	No						
Metals											
2H0P411	J9-23-18-RV-2 (3 - 6)	8/16/02	Soil	Tier II	No						
2H0P411	J9-23-18-RV-2 (6 - 15)	8/16/02	Soil	Tier II	No						
2H0P411	J9-23-21-I-15 (1 - 3)	8/16/02	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(10)	
2H0P411	J9-23-21-I-15 (3 - 6)	8/16/02	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(10)	
2H0P411	NEW-DUP-1 (3 - 6)	8/16/02	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(10)	J9-23-21-I-15
2H0P411	RB-081602-1	8/16/02	Water	Tier II	Yes	Antimony	CRDL Standard %R	333.1%	80% to 120%	ND(0.0600) J	
						Chromium	CRDL Standard %R	690.0%	80% to 120%	ND(0.0100) J	
						Zinc	CRDL Standard %R	69.3%	80% to 120%	ND(0.0200) J	
2H0P429	J9-23-18-H-11 (1 - 3)	8/19/02	Soil	Tier II	Yes	Mercury	MS %R	0.0%	75% to 125%	0.210 J	
						Tin	Method Blank	-	-	ND(10)	
2H0P429	J9-23-18-H-11 (3 - 6)	8/19/02	Soil	Tier II	Yes	Mercury	MS %R	0.0%	75% to 125%	0.0260 J	
						Tin	Method Blank	-	-	ND(10)	
2H0P429	J9-23-18-RV-1 (1 - 3)	8/19/02	Soil	Tier II	Yes	Mercury	MS %R	0.0%	75% to 125%	0.190 J	
						Tin	Method Blank	-	-	ND(10)	
2H0P429	J9-23-18-RV-1 (3 - 6)	8/19/02	Soil	Tier II	Yes	Mercury	MS %R	0.0%	75% to 125%	0.910 J	
2H0P429	J9-23-19-SZ-31 (1 - 3)	8/19/02	Soil	Tier II	No						
2H0P429	J9-23-19-SZ-32 (1 - 3)	8/19/02	Soil	Tier II	No						
2H0P429	J9-23-19-SZ-33 (1 - 3)	8/19/02	Soil	Tier II	No						
2H0P429	J9-23-19-SZ-34 (1 - 3)	8/19/02	Soil	Tier II	No						
2H0P429	J9-23-20-F-14 (0 - 1)	8/19/02	Soil	Tier II	Yes	Mercury	MS %R	0.0%	75% to 125%	0.410 J	
						Tin	Method Blank	-	-	ND(10)	
2H0P429	J9-23-21-D-15 (0 - 1)	8/19/02	Soil	Tier II	Yes	Mercury	MS %R	0.0%	75% to 125%	0.120 J	
						Tin	Method Blank	-	-	ND(10)	

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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (continued)											
2H0P429	J9-23-21-D-15 (1 - 3)	8/19/02	Soil	Tier II	Yes	Mercury	MS %R	0.0%	75% to 125%	0.0920 J	
						Tin	Method Blank	-	-	ND(10)	
2H0P429	J9-23-21-D-15 (3 - 6)	8/19/02	Soil	Tier II	Yes	Mercury	MS %R	0.0%	75% to 125%	0.560 J	
						Tin	Method Blank	-	-	ND(10)	
2H0P429	J9-23-21-D-15 (6 - 15)	8/19/02	Soil	Tier II	Yes	Mercury	MS %R	0.0%	75% to 125%	0.120 J	
						Tin	Method Blank	-	-	ND(10)	
2H0P429	J9-23-21-SZ-19 (1 - 3)	8/19/02	Soil	Tier II	Yes	Mercury	MS %R	0.0%	75% to 125%	4.00 J	
						Tin	Method Blank	-	-	ND(15)	
2H0P429	J9-23-21-SZ-19 (3 - 6)	8/19/02	Soil	Tier II	Yes	Mercury	MS %R	0.0%	75% to 125%	4.50 J	
2H0P429	NEW-DUP-2 (6 - 15)	8/19/02	Soil	Tier II	Yes	Mercury	MS %R	0.0%	75% to 125%	0.0960 J	J9-23-21-D-15
2H0P429	RB-081902-1	8/19/02	Water	Tier II	Yes	Thallium	CRDL Standard %R	144.0%	80% to 120%	ND(0.010) J	
2I0P309	J9-23-12-SLO102 (0 - 1)	9/16/02	Soil	Tier II	No						
2I0P309	J9-23-12-SLO466 (1 - 3)	9/16/02	Soil	Tier II	Yes	Selenium	CRDL Standard %R	74.7%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	136.5%	80% to 120%	ND(1.70) J	
						Tin	Method Blank	-	-	ND(11)	
2I0P309	J9-23-16-D-6 (3 - 6)	9/16/02	Soil	Tier II	No						
2I0P309	J9-23-16-H-6 (10 - 15)	9/16/02	Soil	Tier II	Yes	Selenium	CRDL Standard %R	74.7%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	136.5%	80% to 120%	ND(1.70) J	
2I0P309	J9-23-16-H-6 (6 - 10)	9/16/02	Soil	Tier II	Yes	Selenium	CRDL Standard %R	74.7%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	136.5%	80% to 120%	1.10 J	
2I0P309	J9-23-16-QP-19 (1 - 3)	9/16/02	Soil	Tier II	No						
2I0P309	J9-23-16-QP-26 (1 - 3)	9/16/02	Soil	Tier II	No						
2I0P309	J9-23-16-QP-31 (1 - 3)	9/16/02	Soil	Tier II	No						
2I0P309	J9-23-16-QP-33 (1 - 3)	9/16/02	Soil	Tier II	No						
2I0P309	J9-23-16-QP-33 (3 - 6)	9/16/02	Soil	Tier II	No						
2I0P309	J9-23-16-QP-33 (6 - 10)	9/16/02	Soil	Tier II	No						
2I0P309	J9-23-16-QP-34 (1 - 3)	9/16/02	Soil	Tier II	No						
2I0P309	J9-23-16-QP-34 (3 - 6)	9/16/02	Soil	Tier II	No						
2I0P309	J9-23-16-QP-34 (6 - 10)	9/16/02	Soil	Tier II	No						
2I0P309	J9-23-16-QP-35 (0 - 1)	9/16/02	Soil	Tier II	No						
2I0P309	J9-23-16-QP-35 (1 - 3)	9/16/02	Soil	Tier II	No						
2I0P309	J9-23-16-QP-35 (3 - 6)	9/16/02	Soil	Tier II	No						
2I0P309	J9-23-16-QP-35 (6 - 10)	9/16/02	Soil	Tier II	No						
2I0P309	NEW-DUP-3 (3 - 6)	9/16/02	Soil	Tier II	No						J9-23-16-QP-34
2I0P309	RB-091602-1	9/16/02	Water	Tier II	No						
2I0P310	J9-23-23-D-18 (6 - 15)	9/16/02	Soil	Tier II	Yes	Mercury	Method Blank	-	-	ND(0.14)	
						Selenium	CRDL Standard %R	74.7%	80% to 120%	ND(1.10) J	
						Thallium	CRDL Standard %R	136.5%	80% to 120%	ND(2.10) J	
						Tin	Method Blank	-	-	ND(11)	
2I0P337	J9-23-12-SLO083 (1 - 3)	9/17/02	Soil	Tier II	Yes	Antimony	Method Blank	-	-	ND(6.0)	
						Cadmium	Method Blank	-	-	ND(0.50)	
						Tin	Method Blank	-	-	ND(10)	
2I0P337	J9-23-22-C16 (6 - 15)	9/17/02	Soil	Tier II	Yes	Antimony	Method Blank	-	-	ND(6.0)	
						Cadmium	Method Blank	-	-	ND(0.50)	
						Tin	Method Blank	-	-	ND(10)	
2I0P337	J9-23-22-F-16 (1 - 3)	9/17/02	Soil	Tier II	Yes	Antimony	Method Blank	-	-	ND(6.0)	
						Silver	Method Blank	-	-	ND(1.0)	
						Tin	Method Blank	-	-	ND(12)	
2I0P337	J9-23-22-F-16 (3 - 6)	9/17/02	Soil	Tier II	No						
2I0P337	J9-23-22-H-16 (6 - 15)	9/17/02	Soil	Tier II	Yes	Antimony	Method Blank	-	-	ND(6.0)	
						Cadmium	Method Blank	-	-	ND(0.50)	
						Silver	Method Blank	-	-	ND(1.0)	
						Tin	Method Blank	-	-	ND(10)	
2I0P337	J9-23-26-E-22 (1 - 3)	9/17/02	Soil	Tier II	Yes	Antimony	Method Blank	-	-	ND(6.0)	
						Cadmium	Method Blank	-	-	ND(0.50)	
						Tin	Method Blank	-	-	ND(10)	

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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (continued)											
2I0P380	J9-23-12-C12 (1 - 3)	9/18/02	Soil	Tier II	Yes	Selenium	CRDL Standard %R	128.5%	80% to 120%	ND(1.00) J	
						Tin	Method Blank	-	-	ND(10)	
2I0P380	J9-23-13-D4 (3 - 6)	9/18/02	Soil	Tier II	No						
2I0P380	J9-23-13-D5 (1 - 3)	9/18/02	Soil	Tier II	No						
2I0P380	J9-23-13-MM13 (1 - 3)	9/18/02	Soil	Tier II	No						
2I0P380	J9-23-13-MM-14 (0 - 1)	9/18/02	Soil	Tier II	No						
2I0P380	J9-23-13-MM-14 (1 - 3)	9/18/02	Soil	Tier II	No						
2I0P380	J9-23-13-MM15 (0 - 1)	9/18/02	Soil	Tier II	No						
2I0P380	J9-23-13-MM15 (1 - 3)	9/18/02	Soil	Tier II	No						
2I0P380	J9-23-13-MM16 (1 - 3)	9/18/02	Soil	Tier II	No						
2I0P380	J9-23-13-MM-6BBL (0 - 1)	9/18/02	Soil	Tier II	No						
2I0P380	J9-23-24-G20 (1 - 3)	9/18/02	Soil	Tier II	Yes	Selenium	CRDL Standard %R	128.5%	80% to 120%	ND(1.00) J	
						Tin	Method Blank	-	-	ND(11)	
2I0P380	J9-23-24-G20 (3 - 6)	9/18/02	Soil	Tier II	Yes	Selenium	CRDL Standard %R	128.5%	80% to 120%	ND(1.00) J	
						Tin	Method Blank	-	-	ND(10)	
2I0P380	J9-23-25-D20 (6 - 15)	9/18/02	Soil	Tier II	Yes	Selenium	CRDL Standard %R	128.5%	80% to 120%	ND(1.00) J	
						Tin	Method Blank	-	-	ND(10)	
2I0P380	J9-23-25-F22 (6 - 15)	9/18/02	Soil	Tier II	Yes	Selenium	CRDL Standard %R	128.5%	80% to 120%	ND(1.00) J	
2I0P407	J9-23-16-QP-14 (0 - 1)	9/19/02	Soil	Tier II	Yes	Lead	Field Duplicate RPD (Soil)	73.4%	<50%	510 J	
2I0P407	J9-23-17-IA-101 (3 - 6)	9/19/02	Soil	Tier II	Yes	Lead	Field Duplicate RPD (Soil)	73.4%	<50%	5400 J	
2I0P407	J9-23-17-IA-101 (6 - 15)	9/19/02	Soil	Tier II	Yes	Lead	Field Duplicate RPD (Soil)	73.4%	<50%	5100 J	
2I0P407	J9-23-17-IA-110 (3 - 6)	9/19/02	Soil	Tier II	Yes	Lead	Field Duplicate RPD (Soil)	73.4%	<50%	89.0 J	
2I0P407	J9-23-17-IA-110 (6 - 15)	9/19/02	Soil	Tier II	Yes	Lead	Field Duplicate RPD (Soil)	73.4%	<50%	50.0 J	
2I0P407	J9-23-17-IA-40 (1 - 3)	9/19/02	Soil	Tier II	Yes	Lead	Field Duplicate RPD (Soil)	73.4%	<50%	190 J	
2I0P407	J9-23-17-IA-40 (3 - 6)	9/19/02	Soil	Tier II	Yes	Lead	Field Duplicate RPD (Soil)	73.4%	<50%	910 J	
2I0P407	J9-23-17-IA-40 (6 - 10)	9/19/02	Soil	Tier II	Yes	Lead	Field Duplicate RPD (Soil)	73.4%	<50%	8600 J	
2I0P407	J9-23-17-IA-82 (1 - 3)	9/19/02	Soil	Tier II	Yes	Lead	Field Duplicate RPD (Soil)	73.4%	<50%	460 J	
						Selenium	CRDL Standard %R	129.7%	80% to 120%	ND(1.00) J	
2I0P407	J9-23-17-IA-94 (0 - 1)	9/19/02	Soil	Tier II	Yes	Lead	Field Duplicate RPD (Soil)	73.4%	<50%	2100 J	
2I0P407	J9-23-17-IA-97 (0 - 1)	9/19/02	Soil	Tier II	Yes	Lead	Field Duplicate RPD (Soil)	73.4%	<50%	25.0 J	
2I0P407	J9-23-17-IA-97 (3 - 6)	9/19/02	Soil	Tier II	Yes	Lead	Field Duplicate RPD (Soil)	73.4%	<50%	560 J	
2I0P407	J9-23-17-IA-97 (6 - 15)	9/19/02	Soil	Tier II	Yes	Lead	Field Duplicate RPD (Soil)	73.4%	<50%	1600 J	
2I0P407	NEW-DUP-9 (3 - 6)	9/19/02	Soil	Tier II	Yes	Lead	Field Duplicate RPD (Soil)	73.4%	<50%	2500 J	J9-23-17-IA-101
2I0P407	RB-091902-1	9/19/02	Water	Tier II	No						
VOCs											
2H0P411	J9-23-21-I-15 (1 - 3)	8/16/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	29.5%	<25%	ND(0.0054) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Carbon Tetrachloride	CCAL %D	30.9%	<25%	ND(0.0054) J	
						Propionitrile	CCAL %D	25.9%	<25%	ND(0.011) J	
2H0P411	J9-23-21-I-15 (3 - 4)	8/16/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	29.5%	<25%	ND(0.0054) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Carbon Tetrachloride	CCAL %D	30.9%	<25%	ND(0.0054) J	
						Propionitrile	CCAL %D	25.9%	<25%	ND(0.011) J	
2H0P411	NEW-DUP-1 (3 - 4)	8/16/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	J9-23-21-I-15
						2-Chloroethylvinylether	CCAL %D	29.5%	<25%	ND(0.0054) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Carbon Tetrachloride	CCAL %D	30.9%	<25%	ND(0.0054) J	
						Propionitrile	CCAL %D	25.9%	<25%	ND(0.011) J	

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Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
2H0P411	RB-081602-1	8/16/2002	Water	Tier II	Yes	1,4-Dioxane	No CCV	-	-	R	
						2-Chloroethylvinylether	No CCV	-	-	R	
						2-Hexanone	CCAL %D	32.8%	<25%	ND(0.010) J	
						Acetonitrile	No CCV	-	-	R	
						Acrolein	CCAL %D	46.4%	<25%	ND(0.10) J	
						Chloroethane	CCAL %D	32.4%	<25%	ND(0.0050) J	
						Dichlorodifluoromethane	CCAL %D	27.6%	<25%	ND(0.0050) J	
						Isobutanol	No CCV	-	-	R	
						trans-1,4-Dichloro-2-butene	CCAL %D	38.8%	<25%	ND(0.0050) J	
						Vinyl Acetate	No CCV	-	-	R	
2H0P429	J9-23-18-H-11 (1 - 3)	8/19/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	29.6%	<25%	ND(0.0056) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
2H0P429	J9-23-18-H-11 (3 - 4)	8/19/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	29.6%	<25%	ND(0.0053) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
2H0P429	J9-23-18-RV-1 (1 - 3)	8/19/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	29.6%	<25%	ND(0.0051) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
2H0P429	J9-23-18-RV-1 (4 - 6)	8/19/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	29.6%	<25%	ND(0.0057) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
2H0P429	J9-23-18-RV-9 (10 - 12)	8/19/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.15)	
2H0P429	J9-23-19-F-12 (1 - 3)	8/19/2002	Soil	Tier II	No						
2H0P429	J9-23-19-H-12 (1 - 3)	8/19/2002	Soil	Tier II	No						
2H0P429	J9-23-19-H-13 (0 - 1)	8/19/2002	Soil	Tier II	No						
2H0P429	J9-23-20-F-14 (0 - 1)	8/19/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	29.6%	<25%	ND(0.0051) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
2H0P429	J9-23-21-D-15 (0 - 1)	8/19/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	29.6%	<25%	ND(0.0052) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
2H0P429	J9-23-21-D-15 (1 - 3)	8/19/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	30.0%	<25%	ND(0.0055) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
2H0P429	J9-23-21-D-15 (4 - 6)	8/19/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	29.6%	<25%	ND(0.0055) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
2H0P429	J9-23-21-D-15 (12 - 15)	8/19/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.14) J	
						2-Chloroethylvinylether	CCAL %D	29.6%	<25%	ND(0.0072) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
2H0P429	J9-23-21-SZ-19 (1 - 3)	8/19/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	29.6%	<25%	ND(0.0054) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
2H0P429	J9-23-21-SZ-19 (3 - 4)	8/19/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	29.6%	<25%	ND(0.0054) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
2H0P429	NEW-DUP-2 (12 - 15)	8/19/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.14) J	J9-23-21-D-15
						2-Chloroethylvinylether	CCAL %D	30.0%	<25%	ND(0.0072) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	

TABLE A-1
ANALYTICAL DATA VALIDATION SUMMARY
NSA I SUPPLEMENTAL PRE-DESIGN INVESTIGATIONS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
2H0P429	RB-081902-1	8/19/2002	Water	Tier II	Yes	1,1,1,2-Tetrachloroethane	CCAL %D	28.7%	<25%	ND(0.0050) J	
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
						2-Chloroethylvinylether	ICAL RRF	0.034	>0.05	ND(0.0050) J	
						Acetonitrile	ICAL RRF	0.048	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.007	>0.05	ND(0.10) J	
						Acrolein	CCAL %D	28.6%	<25%	ND(0.10) J	
						Acrylonitrile	ICAL RRF	0.028	>0.05	ND(0.0050) J	
						Isobutanol	ICAL RRF	0.007	>0.05	ND(0.10) J	
						Propionitrile	ICAL RRF	0.012	>0.05	ND(0.010) J	
2I0P309	J9-23-12-SLO466 (1 - 3)	9/16/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	30.4%	<25%	ND(0.0056) J	
						2-Hexanone	CCAL %D	26.4%	<25%	ND(0.011) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Chloromethane	CCAL %D	34.0%	<25%	ND(0.0056) J	
						Dichlorodifluoromethane	CCAL %D	39.6%	<25%	ND(0.0056) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.11) J	
2I0P309	J9-23-16-H-6 (12 - 15)	9/16/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	30.4%	<25%	ND(0.0056) J	
						2-Hexanone	CCAL %D	26.4%	<25%	ND(0.011) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Chloromethane	CCAL %D	34.0%	<25%	ND(0.0056) J	
						Dichlorodifluoromethane	CCAL %D	39.6%	<25%	ND(0.0056) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.11) J	
2I0P309	J9-23-16-H-6 (8 - 10)	9/16/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	30.4%	<25%	ND(0.0052) J	
						2-Hexanone	CCAL %D	26.4%	<25%	ND(0.010) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						Chloromethane	CCAL %D	34.0%	<25%	ND(0.0052) J	
						Dichlorodifluoromethane	CCAL %D	39.6%	<25%	ND(0.0052) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.10) J	
2I0P310	J9-23-23-D-18 (12 - 14)	9/16/2002	Soil	Tier II	Yes	1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	42.1%	50% to 200%	ND(0.0071) J	Use orginal analysis
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	42.1%	50% to 200%	ND(0.0071) J	
						1,2-Dibromo-3-chloropropan	Internal Standard 1,2-Dichlorobenzene-d4 %R	42.1%	50% to 200%	ND(0.0071) J	
						1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.14) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Chloromethane	CCAL %D	34.0%	<25%	ND(0.0071) J	
						Dichlorodifluoromethane	CCAL %D	39.6%	<25%	ND(0.0071) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.14) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	42.1%	50% to 200%	ND(0.0071) J	
2I0P310	J9-23-23-F18B (1 - 3)	9/16/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Chloromethane	CCAL %D	34.0%	<25%	ND(0.0058) J	
						Dichlorodifluoromethane	CCAL %D	39.6%	<25%	ND(0.0058) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.12) J	
2I0P310	J9-23-23-H-19 (0 - 1)	9/16/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.12) J	Use orginal analysis
						Chloromethane	CCAL %D	34.0%	<25%	ND(0.0058) J	
2I0P337	J9-23-12-SLO083 (1 - 3)	9/17/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.10) J	
						2-Chloroethylvinylether	CCAL %D	30.4%	<25%	ND(0.0052) J	
						2-Hexanone	CCAL %D	26.4%	<25%	ND(0.010) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						Chloromethane	CCAL %D	33.6%	<25%	ND(0.0052) J	
						Dichlorodifluoromethane	CCAL %D	32.8%	<25%	ND(0.0052) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.10) J	
2I0P337	J9-23-12-SLO-093 (0 - 1)	9/17/2002	Soil	Tier II	No						

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CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
2I0P337	J9-23-22-C16 (1 - 3)	9/17/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Chloromethane	CCAL %D	34.0%	<25%	ND(0.0056) J	
						Dichlorodifluoromethane	CCAL %D	39.6%	<25%	ND(0.0056) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.11) J	
2I0P337	J9-23-22-C16 (12 - 15)	9/17/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Chloromethane	CCAL %D	34.0%	<25%	ND(0.0058) J	
						Dichlorodifluoromethane	CCAL %D	39.6%	<25%	ND(0.0058) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.12) J	
2I0P337	J9-23-22-F-16 (1 - 3)	9/17/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	28.8%	<25%	ND(0.0057) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Chloromethane	CCAL %D	28.4%	<25%	ND(0.0057) J	
						Dichlorodifluoromethane	CCAL %D	36.8%	<25%	ND(0.0057) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.11) J	
2I0P337	J9-23-22-F-16 (3 - 5)	9/17/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.12) J	
						2-Chloroethylvinylether	CCAL %D	30.4%	<25%	ND(0.0061) J	
						2-Hexanone	CCAL %D	26.4%	<25%	ND(0.012) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Chloromethane	CCAL %D	33.6%	<25%	ND(0.0061) J	
						Dichlorodifluoromethane	CCAL %D	32.8%	<25%	ND(0.0061) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.12) J	
2I0P337	J9-23-22-H-16 (12 - 15)	9/17/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.12) J	
						2-Chloroethylvinylether	CCAL %D	30.4%	<25%	ND(0.0061) J	
						2-Hexanone	CCAL %D	26.4%	<25%	ND(0.012) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Chloromethane	CCAL %D	33.6%	<25%	ND(0.0061) J	
						Dichlorodifluoromethane	CCAL %D	32.8%	<25%	ND(0.0061) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.12) J	
2I0P337	J9-23-23-I19 (0 - 1)	9/17/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	30.4%	<25%	ND(0.0056) J	
						2-Hexanone	CCAL %D	26.4%	<25%	ND(0.011) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Chloromethane	CCAL %D	33.6%	<25%	ND(0.0056) J	
						Dichlorodifluoromethane	CCAL %D	32.8%	<25%	ND(0.0056) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.11) J	
2I0P337	J9-23-26-E-22 (1 - 3)	9/17/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	30.4%	<25%	ND(0.0057) J	
						2-Hexanone	CCAL %D	26.4%	<25%	ND(0.011) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Chloromethane	CCAL %D	33.6%	<25%	ND(0.0057) J	
						Dichlorodifluoromethane	CCAL %D	32.8%	<25%	ND(0.0057) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.11) J	
2I0P380	J9-23-12-C12 (0 - 1)	9/18/02	Soil	Tier II	No						

TABLE A-1
ANALYTICAL DATA VALIDATION SUMMARY
NSA I SUPPLEMENTAL PRE-DESIGN INVESTIGATIONS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
2I0P380	J9-23-24-G20 (1 - 3)	9/18/2002	Soil	Tier II	Yes	1,1,1,2-Tetrachloroethane	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						1,1,1-Trichloroethane	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						1,1,2,2-Tetrachloroethane	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						1,1,2-Trichloroethane	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						1,1-Dichloroethane	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						1,1-Dichloroethene	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						1,2,3-Trichloropropane	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						1,2-Dibromo-3-chloropropan	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						1,2-Dibromoethane	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						1,2-Dichloroethane	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						1,2-Dichloropropane	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						1,4-Dioxane	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.11) J	Use RE-analysis
						2-Butanone	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.011) J	Use RE-analysis
						2-Chloro-1,3-butadiene	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						2-Chloroethylvinylether	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						2-Hexanone	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.011) J	Use RE-analysis
						3-Chloropropene	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						4-Methyl-2-pentanone	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.011) J	Use RE-analysis
						Acetone	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.022) J	Use RE-analysis
						Acetonitrile	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.11) J	Use RE-analysis
						Acrolein	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.11) J	Use RE-analysis
						Acrylonitrile	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						Benzene	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						Bromodichloromethane	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						Bromoform	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						Bromomethane	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						Carbon Disulfide	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						Carbon Tetrachloride	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis

TABLE A-1
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CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
210P380	J9-23-24-G20 (1 - 3)	9/18/2002	Soil	Tier II	Yes	Chlorobenzene	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						Chloroethane	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						Chloroform	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						Chloromethane	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						cis-1,3-Dichloropropene	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						Dibromochloromethane	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						Dibromomethane	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						Dichlorodifluoromethane	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						Ethyl Methacrylate	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						Ethylbenzene	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						Iodomethane	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						Isobutanol	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.11) J	Use RE-analysis
						Methacrylonitrile	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						Methyl Methacrylate	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						Methylene Chloride	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						Propionitrile	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.011) J	Use RE-analysis
						Styrene	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						Tetrachloroethene	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						Toluene	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						trans-1,2-Dichloroethene	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						trans-1,3-Dichloropropene	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						trans-1,4-Dichloro-2-butene	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						Trichloroethene	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						Trichlorofluoromethane	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						Vinyl Acetate	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						Vinyl Chloride	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis
						Xylenes (total)	Surrogate Recovery	33%, 240%	81% to 117%, 70% to 121%	ND(0.0054) J	Use RE-analysis

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(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
2I0P380	J9-23-24-G20 (3 - 4)	9/18/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	28.8%	<25%	ND(0.0055) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Chloromethane	CCAL %D	28.4%	<25%	ND(0.0055) J	
						Dichlorodifluoromethane	CCAL %D	36.8%	<25%	ND(0.0055) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.11) J	
2I0P380	J9-23-24-H20 (6 - 8)	9/18/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
2I0P380	J9-23-25-D20 (12 - 15)	9/18/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.12) J	
						2-Chloroethylvinylether	CCAL %D	30.4%	<25%	ND(0.0061) J	
						2-Hexanone	CCAL %D	26.4%	<25%	ND(0.012) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Chloromethane	CCAL %D	33.6%	<25%	ND(0.0061) J	
						Dichlorodifluoromethane	CCAL %D	32.8%	<25%	ND(0.0061) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.12) J	
2I0P380	J9-23-25-F22 (10 - 12)	9/18/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	30.4%	<25%	ND(0.0056) J	
						2-Hexanone	CCAL %D	26.4%	<25%	ND(0.011) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Chloromethane	CCAL %D	33.6%	<25%	ND(0.0056) J	
						Dichlorodifluoromethane	CCAL %D	32.8%	<25%	ND(0.0056) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.11) J	
2I0P380	**NEW-DUP-7 (12 - 15)**	**9/18/2002**	**Soil**	**Tier II**	**Yes**	**1,4-Dioxane**	**ICAL RRF**	**0.009**	**>0.05**	**ND(0.12) J**	**J9-23-25-D-20**
						2-Chloroethylvinylether	**CCAL %D**	**28.8%**	**<25%**	**ND(0.0059) J**	
						Acrolein	**ICAL RRF**	**0.002**	**>0.05**	**ND(0.12) J**	
						Chloromethane	CCAL %D	28.4%	<25%	ND(0.0059) J	
						Dichlorodifluoromethane	CCAL %D	36.8%	<25%	ND(0.0059) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.12) J	
2I0P380	RB-091802-1	9/18/2002	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
						2-Chloroethylvinylether	ICAL RRF	0.045	>0.05	ND(0.0050) J	
						Acetonitrile	ICAL RRF	0.032	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.005	>0.05	ND(0.10) J	
						Acrylonitrile	ICAL RRF	0.019	>0.05	ND(0.0050) J	
						Propionitrile	ICAL RRF	0.004	>0.05	ND(0.010) J	
						Tetrachloroethene	CCAL %D	30.0%	<25%	ND(0.0020) J	

TABLE A-1
ANALYTICAL DATA VALIDATION SUMMARY
NSA I SUPPLEMENTAL PRE-DESIGN INVESTIGATIONS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (continued)											
2I0P380	Trip Blank	9/18/2002	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
						2-Chloroethylvinylether	ICAL RRF	0.045	>0.05	ND(0.0050) J	
						Acetonitrile	ICAL RRF	0.032	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.005	>0.05	ND(0.10) J	
						Acrylonitrile	ICAL RRF	0.019	>0.05	ND(0.0050) J	
						Propionitrile	ICAL RRF	0.004	>0.05	ND(0.010) J	
						Tetrachloroethene	CCAL %D	30.0%	<25%	ND(0.0020) J	
2I0P407	J9-23-17-IA-102 (1 - 3)	9/19/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	29.6%	<25%	ND(0.0054) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Carbon Tetrachloride	CCAL %D	28.8%	<25%	ND(0.0054) J	
						Chloromethane	CCAL %D	29.2%	<25%	ND(0.0054) J	
						Dichlorodifluoromethane	CCAL %D	36.8%	<25%	ND(0.0054) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.11) J	
						Trichlorofluoromethane	CCAL %D	32.0%	<25%	ND(0.0054) J	
2I0P407	J9-23-17-IA-82 (1 - 3)	9/19/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	29.6%	<25%	ND(0.0055) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Carbon Tetrachloride	CCAL %D	28.8%	<25%	ND(0.0055) J	
						Chloromethane	CCAL %D	29.2%	<25%	ND(0.0055) J	
						Dichlorodifluoromethane	CCAL %D	36.8%	<25%	ND(0.0055) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.11) J	
						Trichlorofluoromethane	CCAL %D	32.0%	<25%	ND(0.0055) J	
2I0P407	J9-23-17-IA-98 (4 - 6)	9/19/2002	Soil	Tier II	No						
2I0P407	J9-23-17-IA-98 (6 - 8)	9/19/2002	Soil	Tier II	No						
SVOCs											
2H0P411	J9-23-19-I-13 (1 - 3)	8/16/02	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.81) J	
						Aramite	CCAL %D	57.9%	<25%	ND(0.81) J	
						Benzidine	CCAL %D	57.9%	<25%	ND(0.81) J	
						Hexachlorophene	CCAL %D	70.2%	<25%	ND(0.81) J	
						N-Nitrosomorpholine	CCAL %D	29.0%	<25%	ND(0.40) J	
						N-Nitrosopyrrolidine	CCAL %D	39.8%	<25%	ND(0.81) J	
						p-Dimethylaminoazobenzen	CCAL %D	36.2%	<25%	ND(0.81) J	
						Thionazin	CCAL %D	46.9%	<25%	ND(0.40) J	
2H0P411	J9-23-19-SZ-36 (0 - 1)	8/16/02	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	3.1%	>0.05	ND(0.72) J	
						Aramite	CCAL %D	57.9%	<25%	ND(0.72) J	
						Benzidine	CCAL %D	57.9%	<25%	ND(0.72) J	
						Hexachlorophene	CCAL %D	70.2%	<25%	ND(0.72) J	
						N-Nitrosomorpholine	CCAL %D	29.0%	<25%	ND(0.36) J	
						N-Nitrosopyrrolidine	CCAL %D	39.8%	<25%	ND(0.72) J	
						p-Dimethylaminoazobenzen	CCAL %D	36.2%	<25%	ND(0.72) J	
						Thionazin	CCAL %D	46.9%	<25%	ND(0.36) J	
						Benzo(a)anthracene	Dilution	53.2%	<20%	10 J	Original result 5.8
						Benzo(a)pyrene	Dilution	38.7%	<20%	7.4 J	Original result 5.0
						Benzo(b)fluoranthene	Dilution	44.0%	<20%	9.7 J	Original result 6.2

TABLE A-1
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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2H0P411	J9-23-19-SZ-37 (0 - 1)	8/16/02	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.73) J	
						Aramite	CCAL %D	42.7%	<25%	ND(0.73) J	
						p-Dimethylaminoazobenzen	CCAL %D	41.0%	<25%	ND(0.73) J	
						Pentachloronitrobenzene	CCAL %D	33.2%	<25%	ND(0.73) J	
						Anthracene	Dilution	130.6%	<20%	30 J	Original result 6.3
						Benzo(a)anthracene	Dilution	30.8%	<20%	60 J	Original result 44
						Benzo(a)pyrene	Dilution	44.7%	<20%	52 J	Original result 33
						Benzo(b)fluoranthene	Dilution	38.1%	<20%	50 J	Original result 34
						Benzo(g,h,i)perylene	Dilution	30.8%	<20%	30 J	Original result 22
						Benzo(k)fluoranthene	Dilution	156.8%	<20%	52 J	Original result 6.3
						Chrysene	Dilution	33.3%	<20%	56 J	Original result 40
						Dibenzofuran	Dilution	63.6%	<20%	8.5 J	Original result 4.4
						Fluorene	Dilution	77.8%	<20%	15 J	Original result 6.6
2H0P411	J9-23-21-I-15 (1 - 3)	8/16/02	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	3.1%	>0.05	ND(0.72) J	
						Aramite	CCAL %D	42.7%	<25%	ND(0.72) J	
						p-Dimethylaminoazobenzen	CCAL %D	41.0%	<25%	ND(0.72) J	
						Pentachloronitrobenzene	CCAL %D	33.2%	<25%	ND(0.72) J	
						Pyrene	MS %R	215.0%	35% to 142%	0.78 J	
						Pyrene	MSD %R	182.0%	35% to 142%	0.78 J	
2H0P411	J9-23-21-I-15 (3 - 6)	8/16/02	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	3.1%	>0.05	ND(0.73) J	
						Aramite	CCAL %D	42.7%	<25%	ND(0.73) J	
						p-Dimethylaminoazobenzen	CCAL %D	41.0%	<25%	ND(0.73) J	
						Pentachloronitrobenzene	CCAL %D	33.2%	<25%	ND(0.73) J	
2H0P411	NEW-DUP-1 (3 - 6)	8/16/02	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	3.1%	>0.05	ND(0.73) J	J9-23-21-I-15
						Aramite	CCAL %D	42.7%	<25%	ND(0.73) J	
						p-Dimethylaminoazobenzen	CCAL %D	41.0%	<25%	ND(0.73) J	
						Pentachloronitrobenzene	CCAL %D	33.2%	<25%	ND(0.73) J	
2H0P411	RB-081602-1	8/16/02	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	40.6%	<25%	ND(0.010) J	
						4-Aminobiphenyl	CCAL %D	43.0%	<25%	ND(0.010) J	
						4-Nitroaniline	CCAL %D	30.2%	<25%	ND(0.050) J	
						4-Phenylenediamine	ICAL RRF	3.1%	>0.05	ND(0.010) J	
						5-Nitro-o-toluidine	CCAL %D	27.6%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	38.8%	<25%	ND(0.020) J	
						Diallate	CCAL %D	30.5%	<25%	ND(0.010) J	
						o-Toluidine	CCAL %D	25.9%	<25%	ND(0.010) J	
						p-Dimethylaminoazobenzen	CCAL %D	53.2%	<25%	ND(0.010) J	
2H0P429	J9-23-18-H-11 (1 - 3)	8/19/02	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.036	>0.05	ND(0.76) J	
						Aramite	CCAL %D	57.9%	<25%	ND(0.76) J	
						Benzidine	CCAL %D	35.7%	<25%	ND(0.76) J	
						Hexachlorophene	CCAL %D	70.2%	<25%	ND(0.76) J	
						N-Nitrosomorpholine	CCAL %D	29.0%	<25%	ND(0.38) J	
						N-Nitrosopyrrolidine	CCAL %D	39.8%	<25%	ND(0.76) J	
						p-Dimethylaminoazobenzen	CCAL %D	36.2%	<25%	ND(0.76) J	
						Thionazin	CCAL %D	46.9%	<25%	ND(0.38) J	
2H0P429	J9-23-18-H-11 (3 - 6)	8/19/02	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	25.7%	<25%	ND(0.35) J	
						3-Nitroaniline	CCAL %D	25.9%	<25%	ND(1.8) J	
						4-Aminobiphenyl	CCAL %D	31.6%	<25%	ND(0.71) J	
						4-Nitroaniline	CCAL %D	34.9%	<25%	ND(1.8) J	
						4-Nitroquinoline-1-oxide	CCAL %D	30.6%	<25%	ND(0.71) J	
						4-Phenylenediamine	ICAL RRF	0.036	>0.05	ND(0.71) J	
						Hexachlorophene	CCAL %D	68.8%	<25%	ND(0.71) J	
						Hexachloropropene	CCAL %D	25.9%	<25%	ND(0.35) J	
						N-Nitrosomorpholine	CCAL %D	25.8%	<25%	ND(0.35) J	
						Pentachloronitrobenzene	CCAL %D	39.6%	<25%	ND(0.71) J	

TABLE A-1
ANALYTICAL DATA VALIDATION SUMMARY
NSA I SUPPLEMENTAL PRE-DESIGN INVESTIGATIONS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2H0P429	J9-23-18-RV-1 (1 - 3)	8/19/02	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.036	>0.05	ND(0.69) J	
						Aramite	CCAL %D	57.9%	<25%	ND(0.69) J	
						Benzidine	CCAL %D	35.7%	<25%	ND(0.69) J	
						Hexachlorophene	CCAL %D	70.2%	<25%	ND(0.69) J	
						N-Nitrosomorpholine	CCAL %D	29.0%	<25%	ND(0.34) J	
						N-Nitrosopyrrolidine	CCAL %D	39.8%	<25%	ND(0.69) J	
						p-Dimethylaminoazobenzen	CCAL %D	36.2%	<25%	ND(0.69) J	
						Thionazin	CCAL %D	46.9%	<25%	ND(0.34) J	
2H0P429	J9-23-18-RV-1 (3 - 6)	8/19/02	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.036	>0.05	ND(0.77) J	
						Aramite	CCAL %D	57.9%	<25%	ND(0.77) J	
						Benzidine	CCAL %D	35.7%	<25%	ND(0.77) J	
						Hexachlorophene	CCAL %D	70.2%	<25%	ND(0.77) J	
						N-Nitrosomorpholine	CCAL %D	29.0%	<25%	ND(0.38) J	
						N-Nitrosopyrrolidine	CCAL %D	39.8%	<25%	ND(0.77) J	
						p-Dimethylaminoazobenzen	CCAL %D	36.2%	<25%	ND(0.77) J	
						Thionazin	CCAL %D	46.9%	<25%	ND(0.38) J	
2H0P429	J9-23-18-RV-9 (10 - 12)	8/19/02	Soil	Tier II	No						
2H0P429	J9-23-19-F-12 (1 - 3)	8/19/02	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	25.7%	<25%	ND(0.36) J	
						3-Nitroaniline	CCAL %D	25.9%	<25%	ND(1.8) J	
						4-Nitroaniline	CCAL %D	34.9%	<25%	ND(1.8) J	
						Pentachloronitrobenzene	CCAL %D	39.6%	<25%	ND(0.72) J	
2H0P429	J9-23-19-H-12 (1 - 3)	8/19/02	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	25.7%	<25%	ND(0.37) J	
						3-Nitroaniline	CCAL %D	25.9%	<25%	ND(1.9) J	
						4-Nitroaniline	CCAL %D	34.9%	<25%	ND(1.9) J	
						Pentachloronitrobenzene	CCAL %D	39.6%	<25%	ND(0.74) J	
2H0P429	J9-23-19-H-13 (0 - 1)	8/19/02	Soil	Tier II	Yes	Hexachlorobenzene	CCAL %D	30.0%	<25%	ND(0.34) J	
						Methapyrilene	CCAL %D	35.6%	<25%	ND(0.69) J	
						N-Nitrosopyrrolidine	CCAL %D	27.7%	<25%	ND(0.69) J	

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CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2H0P429	J9-23-19-SZ-31 (1 - 3)	8/19/02	Soil	Tier II	Yes	4-Nitroquinoline-1-oxide	CCAL %D	35.8%	<25%	ND(0.69) J	
						4-Phenylenediamine	ICAL RRF	0.036	>0.05	ND(0.69) J	
						Diphenylamine	CCAL %D	32.5%	<25%	ND(0.34) J	
						Hexachlorobenzene	CCAL %D	30.0%	<25%	ND(0.34) J	
						Methapyrilene	CCAL %D	35.6%	<25%	ND(0.69) J	
						N-Nitrosopyrrolidine	CCAL %D	27.7%	<25%	ND(0.69) J	
						Aniline	Internal Standard 1,4-Dichlorobenzene-d4 %R	232.6%	50% to 200%	0.29 J	
						Acenaphthene	Internal Standard Acenaphthene-d10 %R	244.4%	50% to 200%	9.6	Use dilution of 10 x internal out on original
						Acenaphthylene	Internal Standard Acenaphthene-d10 %R	244.4%	50% to 200%	0.20 J	
						Dibenzofuran	Internal Standard Acenaphthene-d10 %R	244.4%	50% to 200%	4.9	Use dilution of 10 x internal out on original
						Fluorene	Internal Standard Acenaphthene-d10 %R	244.4%	50% to 200%	9.2	Use dilution of 10 x internal out on original
						Benzo(a)anthracene	Internal Standard Chrysene-d12 %R	49.1%	50% to 200%	37 J	
						Benzo(a)pyrene	Internal Standard Chrysene-d12 %R	265.0%	50% to 200%	-	Use dilution of 10 x internal out on original
						Benzo(a)pyrene	Internal Standard Chrysene-d12 %R	49.1%	50% to 200%	24 J	
						Benzo(b)fluoranthene	Internal Standard Chrysene-d12 %R	265.0%	50% to 200%	-	Use dilution of 10 x internal out on original
						Benzo(b)fluoranthene	Internal Standard Chrysene-d12 %R	49.1%	50% to 200%	26 J	
						Benzo(k)fluoranthene	Internal Standard Chrysene-d12 %R	265.0%	50% to 200%	-	Use dilution of 10 x internal out on original
						Benzo(k)fluoranthene	Internal Standard Chrysene-d12 %R	49.1%	50% to 200%	22 J	
						Chrysene	Internal Standard Chrysene-d12 %R	49.1%	50% to 200%	33 J	
						2-Methylnaphthalene	Internal Standard Naphthalene-d8 %R	237.1%	50% to 200%	1.4 J	
						4-Chloro-3-Methylphenol	Internal Standard Naphthalene-d8 %R	237.1%	50% to 200%	0.12 J	
						Naphthalene	Internal Standard Naphthalene-d8 %R	237.1%	50% to 200%	4.1	Use dilution of 10 x internal out on original
						Benzo(g,h,i)perylene	Internal Standard Perylene-d12 %R	220.1%	50% to 200%	15	Use dilution of 10 x internal out on original
						Dibenzo(a,h)anthracene	Internal Standard Perylene-d12 %R	220.1%	50% to 200%	6.0	Use dilution of 10 x internal out on original
						Indeno(1,2,3-cd)pyrene	Internal Standard Perylene-d12 %R	220.1%	50% to 200%	14	Use dilution of 10 x internal out on original
						Anthracene	Internal Standard Phenanthrene-d10 %R	222.2%	50% to 200%	-	Use dilution of 10 x internal out on original
						Anthracene	Internal Standard Phenanthrene-d10 %R	44.8%	50% to 200%	18 J	
						Fluoranthene	Internal Standard Phenanthrene-d10 %R	44.8%	50% to 200%	50 J	
						Phenanthrene	Internal Standard Phenanthrene-d10 %R	44.8%	50% to 200%	54 J	
						Pyrene	Internal Standard Phenanthrene-d10 %R	44.8%	50% to 200%	68 J	
2H0P429	J9-23-19-SZ-32 (0 - 1)	8/19/02	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	25.7%	<25%	ND(0.37) J	
						3-Nitroaniline	CCAL %D	25.9%	<25%	ND(1.9) J	
						4-Aminobiphenyl	CCAL %D	31.6%	<25%	ND(0.74) J	
						4-Nitroaniline	CCAL %D	34.9%	<25%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	CCAL %D	30.6%	<25%	ND(0.74) J	
						4-Phenylenediamine	ICAL RRF	0.036	>0.05	ND(0.74) J	
						Hexachlorophene	CCAL %D	68.8%	<25%	ND(0.74) J	
						Hexachloropropene	CCAL %D	25.9%	<25%	ND(0.37) J	
						N-Nitrosomorpholine	CCAL %D	25.8%	<25%	ND(0.37) J	
						Pentachloronitrobenzene	CCAL %D	39.6%	<25%	ND(0.74) J	
2H0P429	J9-23-19-SZ-32 (1 - 3)	8/19/02	Soil	Tier II	Yes	4-Nitroquinoline-1-oxide	CCAL %D	35.8%	<25%	ND(0.74) J	
						4-Phenylenediamine	ICAL RRF	0.036	>0.05	ND(0.74) J	
						Diphenylamine	CCAL %D	32.5%	<25%	ND(0.37) J	
						Hexachlorobenzene	CCAL %D	30.0%	<25%	ND(0.37) J	
						Methapyrilene	CCAL %D	35.6%	<25%	ND(0.74) J	
						N-Nitrosopyrrolidine	CCAL %D	27.7%	<25%	ND(0.74) J	
2H0P429	J9-23-19-SZ-33 (1 - 3)	8/19/02	Soil	Tier II	Yes	4-Nitroquinoline-1-oxide	CCAL %D	35.8%	<25%	ND(0.69) J	
						4-Phenylenediamine	ICAL RRF	0.036	>0.05	ND(0.69) J	
						Diphenylamine	CCAL %D	32.5%	<25%	ND(0.34) J	
						Hexachlorobenzene	CCAL %D	30.0%	<25%	ND(0.34) J	
						Methapyrilene	CCAL %D	35.6%	<25%	ND(0.69) J	
						N-Nitrosopyrrolidine	CCAL %D	27.7%	<25%	ND(0.69) J	

TABLE A-1
ANALYTICAL DATA VALIDATION SUMMARY
NSA I SUPPLEMENTAL PRE-DESIGN INVESTIGATIONS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2H0P429	J9-23-19-SZ-34 (0 - 1)	8/19/02	Soil	Tier II	Yes	4-Nitroquinoline-1-oxide	CCAL %D	35.8%	<25%	ND(0.68) J	
						4-Phenylenediamine	ICAL RRF	0.036	>0.05	ND(0.68) J	
						Diphenylamine	CCAL %D	32.5%	<25%	ND(0.34) J	
						Hexachlorobenzene	CCAL %D	30.0%	<25%	ND(0.34) J	
						Methapyrilene	CCAL %D	35.6%	<25%	ND(0.68) J	
						N-Nitrosopyrrolidine	CCAL %D	27.7%	<25%	ND(0.68) J	
						Benzo(g,h,i)perylene	Dilution	54.3%	<20%	11 J	Original result 6.3
						Benzo(k)fluoranthene	Dilution	110.7%	<20%	16 J	Original result 4.6
						Indeno(1,2,3-cd)pyrene	Dilution	50.0%	<20%	11 J	Original result 6.6
2H0P429	J9-23-19-SZ-34 (1 - 3)	8/19/02	Soil	Tier II	Yes	4-Nitroquinoline-1-oxide	CCAL %D	35.8%	<25%	ND(0.74) J	
						4-Phenylenediamine	ICAL RRF	0.036	>0.05	ND(0.74) J	
						Diphenylamine	CCAL %D	32.5%	<25%	ND(0.37) J	
						Hexachlorobenzene	CCAL %D	30.0%	<25%	ND(0.37) J	
						Methapyrilene	CCAL %D	35.6%	<25%	ND(0.74) J	
						N-Nitrosopyrrolidine	CCAL %D	27.7%	<25%	ND(0.74) J	
						Acenaphthene	Internal Standard Acenaphthene-d10 %R	32.1%	50% to 200%	28 J	
						Anthracene	Internal Standard Phenanthrene-d10 %R	38.6%	50% to 200%	45	Use dilution of 50 x internal out on 10 x
						Dibenzofuran	Internal Standard Acenaphthene-d10 %R	32.1%	50% to 200%	19	Use dilution of 10 x internal out on orgianal
						Fluorene	Internal Standard Acenaphthene-d10 %R	32.1%	50% to 200%	32	Use dilution of 50 x internal out on 10 x
						Naphthalene	Dilution	109.8%	<20%	23 J	
						Pyrene	Internal Standard Chrysene-d12 %R	319.8%	50% to 200%	170 J	
2H0P429	J9-23-19-SZ-35 (0 - 1)	8/19/02	Soil	Tier II	Yes	4-Nitroquinoline-1-oxide	CCAL %D	35.8%	<25%	ND(0.68) J	
						4-Phenylenediamine	ICAL RRF	0.036	>0.05	ND(0.68) J	
						Diphenylamine	CCAL %D	32.5%	<25%	ND(0.34) J	
						Hexachlorobenzene	CCAL %D	30.0%	<25%	ND(0.34) J	
						Methapyrilene	CCAL %D	35.6%	<25%	ND(0.68) J	
						N-Nitrosopyrrolidine	CCAL %D	27.7%	<25%	ND(0.68) J	
2H0P429	J9-23-20-F-14 (0 - 1)	8/19/02	Soil	Tier II	Yes	4-Nitroquinoline-1-oxide	CCAL %D	35.8%	<25%	ND(0.68) J	
						4-Phenylenediamine	ICAL RRF	0.036	>0.05	ND(0.68) J	
						Diphenylamine	CCAL %D	32.5%	<25%	ND(0.34) J	
						Hexachlorobenzene	CCAL %D	30.0%	<25%	ND(0.34) J	
						Methapyrilene	CCAL %D	35.6%	<25%	ND(0.68) J	
						N-Nitrosopyrrolidine	CCAL %D	27.7%	<25%	ND(0.68) J	
						Benzo(a)pyrene	Internal Standard Perylene-d12 %R	219.0%	50% to 200%	0.41 J	
						Benzo(b)fluoranthene	Internal Standard Perylene-d12 %R	219.0%	50% to 200%	1.0 J	
						Benzo(g,h,i)perylene	Internal Standard Perylene-d12 %R	219.0%	50% to 200%	0.68 J	
						Benzo(k)fluoranthene	Internal Standard Perylene-d12 %R	219.0%	50% to 200%	0.64 J	
2H0P429	J9-23-21-D-15 (0 - 1)	8/19/02	Soil	Tier II	Yes	4-Nitroquinoline-1-oxide	CCAL %D	35.8%	<25%	ND(0.69) J	
						4-Phenylenediamine	ICAL RRF	0.036	>0.05	ND(0.69) J	
						Diphenylamine	CCAL %D	32.5%	<25%	ND(0.34) J	
						Hexachlorobenzene	CCAL %D	30.0%	<25%	ND(0.34) J	
						Methapyrilene	CCAL %D	35.6%	<25%	ND(0.69) J	
						N-Nitrosopyrrolidine	CCAL %D	27.7%	<25%	ND(0.69) J	
						Anthracene	Internal Standard Phenanthrene-d10 %R	38.4%	50% to 200%	14 J	Use dilution of 10 x
						Benzo(a)pyrene	Internal Standard Chrysene-d12 %R	216.0%	50% to 200%	28	Use dilution of 10 x internal out on orgianal
						Benzo(b)fluoranthene	Internal Standard Perylene-d12 %R	540.0%	50% to 200%	35	Use dilution of 10 x internal out on orgianal
						Benzo(k)fluoranthene	Internal Standard Perylene-d12 %R	540.0%	50% to 200%	27	Use dilution of 10 x internal out on orgianal
						Chrysene	Internal Standard Chrysene-d12 %R	216.0%	50% to 200%	40	Use dilution of 10 x internal out on orgianal
						Dibenzo(a,h)anthracene	Internal Standard Perylene-d12 %R	540.0%	50% to 200%	8.8	Use dilution of 10 x internal out on orgianal

TABLE A-1
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NSA I SUPPLEMENTAL PRE-DESIGN INVESTIGATIONS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2H0P429	J9-23-21-D-15 (1 - 3)	8/19/02	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	25.7%	<25%	ND(0.36) J	
						3-Nitroaniline	CCAL %D	25.9%	<25%	ND(1.8) J	
						4-Aminobiphenyl	CCAL %D	31.6%	<25%	ND(0.73) J	
						4-Nitroaniline	CCAL %D	34.9%	<25%	ND(1.8) J	
						4-Nitroquinoline-1-oxide	CCAL %D	30.6%	<25%	ND(0.73) J	
						4-Phenylenediamine	ICAL RRF	0.036	>0.05	ND(0.73) J	
						Hexachlorophene	CCAL %D	68.8%	<25%	ND(0.73) J	
						Hexachloropropene	CCAL %D	25.9%	<25%	ND(0.36) J	
						N-Nitrosomorpholine	CCAL %D	25.8%	<25%	ND(0.36) J	
						Pentachloronitrobenzene	CCAL %D	39.6%	<25%	ND(0.73) J	
2H0P429	J9-23-21-D-15 (3 - 6)	8/19/02	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	25.7%	<25%	ND(0.37) J	
						3-Nitroaniline	CCAL %D	25.9%	<25%	ND(1.9) J	
						4-Aminobiphenyl	CCAL %D	31.6%	<25%	ND(0.74) J	
						4-Nitroaniline	CCAL %D	34.9%	<25%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	CCAL %D	30.6%	<25%	ND(0.74) J	
						4-Phenylenediamine	ICAL RRF	0.036	>0.05	ND(0.74) J	
						Hexachlorophene	CCAL %D	68.8%	<25%	ND(0.74) J	
						Hexachloropropene	CCAL %D	25.9%	<25%	ND(0.37) J	
						N-Nitrosomorpholine	CCAL %D	25.8%	<25%	ND(0.37) J	
						Pentachloronitrobenzene	CCAL %D	39.6%	<25%	ND(0.74) J	
2H0P429	**J9-23-21-D-15 (6 - 15)**	**8/19/02**	**Soil**	**Tier II**	**Yes**	**1,2-Diphenylhydrazine**	**CCAL %D**	**30.7%**	**<25%**	**ND(0.77) J**	
						1,3,5-Trinitrobenzene	**CCAL %D**	**28.7%**	**<25%**	**ND(3.8) J**	
						3,3'-Dimethylbenzidine	**CCAL %D**	**80.4%**	**<25%**	**ND(0.97) J**	
						4-Aminobiphenyl	**CCAL %D**	**53.0%**	**<25%**	**ND(2.5) J**	
						4-Chlorobenzilate	CCAL %D	29.2%	<25%	ND(0.97) J	
						4-Phenylenediamine	ICAL RRF	0.036	>0.05	ND(0.97) J	
						Aramite	CCAL %D	43.8%	<25%	ND(1.5) J	
						Benzidine	CCAL %D	25.6%	<25%	ND(0.77) J	
						Diallate	CCAL %D	35.2%	<25%	ND(0.77) J	
						Methapyrilene	CCAL %D	56.7%	<25%	ND(0.97) J	
2H0P429	J9-23-21-SZ-19 (1 - 3)	8/19/02	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	25.7%	<25%	ND(0.46) J	
						3-Nitroaniline	CCAL %D	25.9%	<25%	ND(2.3) J	
						4-Aminobiphenyl	CCAL %D	31.6%	<25%	ND(0.72) J	
						4-Nitroaniline	CCAL %D	34.9%	<25%	ND(1.8) J	
						4-Nitroquinoline-1-oxide	CCAL %D	30.6%	<25%	ND(0.72) J	
						4-Phenylenediamine	ICAL RRF	0.036	>0.05	ND(0.72) J	
						Hexachlorophene	CCAL %D	68.8%	<25%	ND(0.93) J	
						Hexachloropropene	CCAL %D	25.9%	<25%	ND(0.46) J	
						N-Nitrosomorpholine	CCAL %D	25.8%	<25%	ND(0.46) J	
						Pentachloronitrobenzene	CCAL %D	39.6%	<25%	ND(0.72) J	
						Pyrene	Internal Standard Chrysene-d12 %R	282.3%	50% to 200%	11 J	
2H0P429	J9-23-21-SZ-19 (3 - 6)	8/19/02	Soil	Tier II	Yes	4-Nitroquinoline-1-oxide	CCAL %D	35.8%	<25%	ND(0.73) J	
						4-Phenylenediamine	ICAL RRF	0.036	>0.05	ND(0.73) J	
						Diphenylamine	CCAL %D	32.5%	<25%	ND(0.40) J	
						Hexachlorobenzene	CCAL %D	30.0%	<25%	ND(0.40) J	
						Methapyrilene	CCAL %D	35.6%	<25%	ND(0.73) J	
						N-Nitrosopyrrolidine	CCAL %D	27.7%	<25%	ND(0.73) J	
2H0P429	NEW-DUP-2 (6 - 15)	8/19/02	Soil	Tier II	Yes	4-Nitroquinoline-1-oxide	CCAL %D	35.8%	<25%	ND(0.96) J	J9-23-21-D-15
						4-Phenylenediamine	ICAL RRF	0.036	>0.05	ND(0.96) J	
						Diphenylamine	CCAL %D	32.5%	<25%	ND(0.48) J	
						Hexachlorobenzene	CCAL %D	30.0%	<25%	ND(0.48) J	
						Methapyrilene	CCAL %D	35.6%	<25%	ND(0.96) J	
						N-Nitrosopyrrolidine	CCAL %D	27.7%	<25%	ND(0.96) J	

TABLE A-1
ANALYTICAL DATA VALIDATION SUMMARY
NSA I SUPPLEMENTAL PRE-DESIGN INVESTIGATIONS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2H0P429	RB-081902-1	8/19/02	Water	Tier II	Yes	4-Aminobiphenyl	CCAL %D	39.7%	<25%	ND(0.010) J	
						4-Chlorobenzilate	CCAL %D	33.8%	<25%	ND(0.010) J	
						4-Chlorophenyl-phenylether	CCAL %D	54.5%	<25%	ND(0.010) J	
						4-Phenylenediamine	ICAL RRF	0.036	>0.05	ND(0.010) J	
2I0P309	J9-23-12-SLO466 (1 - 3)	9/16/02	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL %RSD	27.7%	<25%	ND(1.9) J	
						2-Acetylaminofluorene	ICAL R^2	0.845	>0.99	ND(0.76) J	
						2-Nitroaniline	CCAL %D	26.8%	<25%	ND(1.9) J	
						3,3'-Dichlorobenzidine	CCAL %D	27.2%	<25%	ND(0.76) J	
						3,3'-Dimethylbenzidine	CCAL %D	68.3%	<25%	ND(0.38) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	26.8%	<25%	ND(0.38) J	
						4-Aminobiphenyl	CCAL %D	65.2%	<25%	ND(0.76) J	
						Aramite	CCAL %D	28.0%	<25%	ND(0.76) J	
						Benzidine	CCAL %D	72.8%	<25%	ND(0.76) J	
						Diallate	CCAL %D	48.6%	<25%	ND(0.76) J	
						Hexachlorocyclopentadiene	ICAL %RSD	52.6%	<25%	ND(0.38) J	
						Hexachloropropene	CCAL %D	32.2%	<25%	ND(0.38) J	
						Methapyrilene	CCAL %D	73.0%	<25%	ND(0.76) J	
						Pentachlorophenol	ICAL %RSD	29.8%	<25%	ND(1.9) J	
						Thionazin	CCAL %D	37.2%	<25%	ND(0.38) J	
2I0P309	J9-23-16-H-6 (10 - 15)	9/16/02	Soil	Tier II	Yes	2-Acetylaminofluorene	ICAL R^2	0.845	>0.99	ND(0.74) J	
						2-Nitroaniline	CCAL %D	26.8%	<25%	ND(1.9) J	
						3,3'-Dichlorobenzidine	CCAL %D	27.2%	<25%	ND(0.74) J	
						3,3'-Dimethylbenzidine	CCAL %D	68.3%	<25%	ND(0.37) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	26.8%	<25%	ND(0.37) J	
						4-Aminobiphenyl	CCAL %D	65.2%	<25%	ND(0.74) J	
						Aramite	CCAL %D	28.0%	<25%	ND(0.74) J	
						Benzidine	CCAL %D	72.8%	<25%	ND(0.74) J	
						Diallate	CCAL %D	48.6%	<25%	ND(0.74) J	
						Hexachlorocyclopentadiene	ICAL %RSD	52.6%	<25%	ND(0.37) J	
						Hexachloropropene	CCAL %D	32.2%	<25%	ND(0.37) J	
						Methapyrilene	CCAL %D	73.0%	<25%	ND(0.74) J	
						Thionazin	CCAL %D	37.2%	<25%	ND(0.37) J	
2I0P309	J9-23-16-H-6 (6 - 10)	9/16/02	Soil	Tier II	Yes	2-Acetylaminofluorene	ICAL R^2	0.845	>0.99	ND(0.69) J	
						2-Nitroaniline	CCAL %D	26.8%	<25%	ND(1.8) J	
						3,3'-Dichlorobenzidine	CCAL %D	27.2%	<25%	ND(0.69) J	
						3,3'-Dimethylbenzidine	CCAL %D	68.3%	<25%	ND(0.34) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	26.8%	<25%	ND(0.34) J	
						4-Aminobiphenyl	CCAL %D	65.2%	<25%	ND(0.69) J	
						Aramite	CCAL %D	28.0%	<25%	ND(0.69) J	
						Benzidine	CCAL %D	72.8%	<25%	ND(0.69) J	
						Diallate	CCAL %D	48.6%	<25%	ND(0.69) J	
						Hexachlorocyclopentadiene	ICAL %RSD	52.6%	<25%	ND(0.34) J	
						Hexachloropropene	CCAL %D	32.2%	<25%	ND(0.34) J	
						Methapyrilene	CCAL %D	73.0%	<25%	ND(0.69) J	
						Thionazin	CCAL %D	37.2%	<25%	ND(0.34) J	
2I0P309	J9-23-16-QP-27 (4 - 6)	9/16/02	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	68.3%	<25%	ND(1.1) J	
						Benzidine	CCAL %D	72.8%	<25%	ND(2.2) J	

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CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2I0P310	J9-23-23-D-18 (6 - 15)	9/16/02	Soil	Tier II	Yes	2-Nitroaniline	CCAL %D	34.4%	<25%	ND(2.4) J	
						3,3'-Dichlorobenzidine	CCAL %D	34.4%	<25%	ND(0.96) J	
						3,3'-Dimethylbenzidine	CCAL %D	90.5%	<25%	ND(0.48) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	41.1%	<25%	ND(0.48) J	
						4-Aminobiphenyl	CCAL %D	84.3%	<25%	ND(0.96) J	
						4-Phenylenediamine	ICAL RRF	0.036	>0.05	ND(0.96) J	
						Aramite	CCAL %D	41.9%	<25%	ND(0.96) J	
						Benzidine	CCAL %D	75.0%	<25%	ND(0.96) J	
						Hexachlorophene	ICAL R^2	0.845	>0.990	ND(0.96) J	
						Hexachloropropene	CCAL %D	36.5%	<25%	ND(0.48) J	
						Methapyrilene	CCAL %D	95.4%	<25%	ND(0.96) J	
						Thionazin	CCAL %D	34.8%	<25%	ND(0.48) J	
2I0P310	J9-23-23-F18B (1 - 3)	9/16/02	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	90.5%	<25%	ND(0.38) J	
						Benzidine	CCAL %D	75.0%	<25%	ND(0.77) J	
						Hexachlorophene	ICAL R^2	0.845	>0.990	ND(0.77) J	
2I0P310	J9-23-23-H-19 (0 - 1)	9/16/02	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	66.3%	<25%	ND(0.38) J	
						Benzidine	CCAL %D	58.9%	<25%	ND(0.77) J	
2I0P337	J9-23-12-SLO083 (1 - 3)	9/17/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL %D	26.6%	<25%	ND(1.8) J	
						2-Acetylaminofluorene	CCAL %D	32.7%	<25%	ND(0.70) J	
						3,3'-Dichlorobenzidine	CCAL %D	26.5%	<25%	ND(0.70) J	
						3,3'-Dimethylbenzidine	CCAL %D	42.4%	<25%	ND(0.35) J	
						4-Phenylenediamine	ICAL RRF	0.220	>0.05	ND(0.70) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.70) J	
2I0P337	J9-23-12-SLO-093 (0 - 1)	9/17/2002	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	66.3%	<25%	ND(0.40) J	
						Benzidine	CCAL %D	58.9%	<25%	ND(0.79) J	
2I0P337	J9-23-22-C16 (1 - 3)	9/17/2002	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	66.3%	<25%	ND(0.37) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	28.9%	<25%	ND(0.37) J	
						4-Aminobiphenyl	CCAL %D	78.4%	<25%	ND(0.75) J	
						4-Phenylenediamine	ICAL RRF	0.036	>0.05	ND(0.75) J	
						Aramite	CCAL %D	66.9%	<25%	ND(0.75) J	
						Benzidine	CCAL %D	58.9%	<25%	ND(0.75) J	
						Diallate	CCAL %D	40.7%	<25%	ND(0.75) J	
						Hexachlorophene	ICAL R^2	0.845	>0.990	ND(0.75) J	
						Methapyrilene	CCAL %D	83.2%	<25%	ND(0.75) J	
						Thionazin	CCAL %D	61.4%	<25%	ND(0.37) J	
						Phenanthrene	Dilution	72.7%	<20%	15 J	Original result 7
						Benzo(b)fluoranthene	Dilution	36.6%	<20%	9.7 J	Original result 6.7
2I0P337	J9-23-22-C16 (6 - 15)	9/17/2002	Soil	Tier II	Yes	1,2,4-Trichlorobenzene	MS %R	37.0%	38% to 107%	ND(0.38) J	
						1,2,4-Trichlorobenzene	MSD %R	29.0%	38% to 107%	ND(0.38) J	
						2,4-Dinitrophenol	CCAL %D	26.6%	<25%	ND(2.0) J	
						2-Acetylaminofluorene	CCAL %D	32.7%	<25%	ND(0.77) J	
						3,3'-Dichlorobenzidine	CCAL %D	26.5%	<25%	ND(0.77) J	
						3,3'-Dimethylbenzidine	CCAL %D	42.4%	<25%	ND(0.38) J	
						4-Phenylenediamine	ICAL RRF	0.220	>0.05	ND(0.77) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.77) J	
						N-Nitroso-di-n-propylamine	MS %R	40.0%	41% to 126%	ND(0.38) J	
2I0P337	J9-23-22-F-16 (1 - 3)	9/17/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL %D	26.6%	<25%	ND(2.0) J	
						2-Acetylaminofluorene	CCAL %D	32.7%	<25%	ND(0.77) J	
						3,3'-Dichlorobenzidine	CCAL %D	26.5%	<25%	ND(0.77) J	
						3,3'-Dimethylbenzidine	CCAL %D	42.4%	<25%	ND(0.38) J	
						4-Phenylenediamine	ICAL RRF	0.220	>0.05	ND(0.77) J	
						Hexachlorophene	ICAL RRF	2.9%	>0.05	ND(0.77) J	

TABLE A-1
ANALYTICAL DATA VALIDATION SUMMARY
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CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2I0P337	J9-23-22-F-16 (3 - 6)	9/17/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL %D	26.6%	<25%	ND(2.1) J	
						2-Acetylaminofluorene	CCAL %D	32.7%	<25%	ND(0.81) J	
						3,3'-Dichlorobenzidine	CCAL %D	26.5%	<25%	ND(0.81) J	
						3,3'-Dimethylbenzidine	CCAL %D	42.4%	<25%	ND(0.40) J	
						4-Phenylenediamine	ICAL RRF	0.220	>0.05	ND(0.81) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.81) J	
2I0P337	J9-23-22-H-16 (6 - 15)	9/17/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL %D	26.6%	<25%	ND(2.1) J	
						2-Acetylaminofluorene	CCAL %D	32.7%	<25%	ND(0.82) J	
						3,3'-Dichlorobenzidine	CCAL %D	26.5%	<25%	ND(0.82) J	
						3,3'-Dimethylbenzidine	CCAL %D	42.4%	<25%	ND(0.41) J	
						4-Phenylenediamine	ICAL RRF	0.220	>0.05	ND(0.82) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.82) J	
2I0P337	J9-23-22-J-18 (1 - 3)	9/17/2002	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	42.4%	<25%	ND(0.39) J	
2I0P337	J9-23-23-I19 (0 - 1)	9/17/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL %D	26.6%	<25%	ND(1.9) J	
						2-Acetylaminofluorene	CCAL %D	32.7%	<25%	ND(0.76) J	
						3,3'-Dichlorobenzidine	CCAL %D	26.5%	<25%	ND(0.76) J	
						3,3'-Dimethylbenzidine	CCAL %D	42.4%	<25%	ND(0.38) J	
						4-Phenylenediamine	ICAL RRF	0.220	>0.05	ND(0.76) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.76) J	
2I0P337	**J9-23-26-E-22 (1 - 3)**	**9/17/2002**	**Soil**	**Tier II**	**Yes**	**2,4-Dinitrophenol**	**CCAL %D**	**26.6%**	**<25%**	**ND(1.9) J**	
						2-Acetylaminofluorene	**CCAL %D**	**32.7%**	**<25%**	**ND(0.77) J**	
						3,3'-Dichlorobenzidine	**CCAL %D**	**26.5%**	**<25%**	**ND(0.77) J**	
						3,3'-Dimethylbenzidine	**CCAL %D**	**42.4%**	**<25%**	**ND(0.38) J**	
						4-Phenylenediamine	**ICAL RRF**	**0.220**	**>0.05**	**ND(0.77) J**	
						Hexachlorophene	**ICAL RRF**	0.029	**>0.05**	**ND(0.77) J**	
2I0P337	NEW-DUP-6 (6 - 15)	9/17/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL %D	26.6%	<25%	ND(2.0) J	J9-23-22-C16
						2-Acetylaminofluorene	CCAL %D	32.7%	<25%	ND(0.80) J	
						3,3'-Dichlorobenzidine	CCAL %D	26.5%	<25%	ND(0.80) J	
						3,3'-Dimethylbenzidine	CCAL %D	42.4%	<25%	ND(0.40) J	
						4-Phenylenediamine	ICAL RRF	0.220	>0.05	ND(0.80) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.80) J	
2I0P337	RB-091702-2	9/17/2002	Water	Tier II	Yes	2-Nitroaniline	CCAL %D	34.4%	<25%	ND(0.050) J	
						3,3'-Dichlorobenzidine	CCAL %D	34.4%	<25%	ND(0.020) J	
						3,3'-Dimethylbenzidine	CCAL %D	90.5%	<25%	ND(0.010) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	75.0%	<25%	ND(0.050) J	
						4-Aminobiphenyl	CCAL %D	84.5%	<25%	ND(0.010) J	
						4-Phenylenediamine	ICAL RRF	0.036	>0.05	ND(0.010) J	
						Hexachlorophene	ICAL R^2	0.845	>0.990	ND(0.020) J	
						Hexachloropropene	CCAL %D	36.5%	<25%	ND(0.010) J	
						Methapyrilene	CCAL %D	95.4%	<25%	ND(0.010) J	
						Thionazin	CCAL %D	34.8%	<25%	ND(0.010) J	
2I0P380	J9-23-12-C12 (0 - 1)	9/18/2002	Soil	Tier II	Yes	Benzidine	CCAL %D	32.4%	<25%	ND(0.74) J	
2I0P380	J9-23-12-C12 (1 - 3)	9/18/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.002	>0.05	ND(0.70) J	
						Benzidine	CCAL %D	32.4%	<25%	ND(0.70) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.70) J	
2I0P380	J9-23-24-G20 (1 - 3)	9/18/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.002	>0.05	ND(0.73) J	
						Benzidine	CCAL %D	32.4%	<25%	ND(0.73) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.73) J	
2I0P380	J9-23-24-G20 (3 - 6)	9/18/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.002	>0.05	ND(0.74) J	
						Benzidine	CCAL %D	32.4%	<25%	ND(0.74) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.74) J	
2I0P380	J9-23-24-H20 (6 - 8)	9/18/2002	Soil	Tier II	Yes	Benzidine	CCAL %D	32.4%	<25%	ND(0.73) J	
2I0P380	J9-23-25-D20 (6 - 15)	9/18/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.002	>0.05	ND(0.81) J	
						Benzidine	CCAL %D	32.4%	<25%	ND(0.81) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.81) J	

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(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
2I0P380	J9-23-25-F22 (6 - 15)	9/18/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.002	>0.05	ND(0.75) J	
						Benzidine	CCAL %D	32.4%	<25%	ND(0.75) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.75) J	
2I0P407	J9-23-17-IA-82 (1 - 3)	9/19/2002	Soil	Tier II	Yes	2-Acetylaminofluorene	CCAL %D	29.2%	<25%	ND(0.74) J	
						3,3'-Dimethylbenzidine	CCAL %D	28.2%	<25%	ND(0.37) J	
						4-Nitroquinoline-1-oxide	CCAL %D	33.1%	<25%	ND(0.74) J	
						4-Phenylenediamine	ICAL RRF	0.002	>0.05	ND(0.74) J	
						Aramite	CCAL %D	26.4%	<25%	ND(0.74) J	
						Benzidine	CCAL %D	32.4%	<25%	ND(0.74) J	
						Hexachlorophene	ICAL RRF	0.030	>0.05	ND(0.74) J	
2I0P407	J9-23-17-IA-98 (3 - 6)	9/19/2002	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	28.2%	<25%	ND(0.41) J	
						Benzidine	CCAL %D	32.4%	<25%	ND(0.83) J	
2I0P407	J9-23-17-IA-98 (6 - 15)	9/19/02	Soil	Tier II	Yes	3,3'-Dimethylbenzidine	CCAL %D	28.2%	<25%	ND(0.49) J	
						Benzidine	CCAL %D	32.4%	<25%	ND(0.98) J	
PCDDs/PCDFs											
2H0P411	J9-23-21-I-15 (1 - 3)	8/16/2002	Soil	Tier II	No						
2H0P411	J9-23-21-I-15 (3 - 6)	8/16/2002	Soil	Tier II	Yes	2,3,7,8-TCDF	Field Duplicate RPD (Soil)	123.9%	<50%	0.00000078 J	
						OCDD	Method Blank	-	-	ND(0.0000028)	
2H0P411	NEW-DUP-1 (3 - 6)	8/16/2002	Soil	Tier II	Yes	2,3,7,8-TCDF	Field Duplicate RPD (Soil)	123.9%	<50%	0.0000033 YJ	J9-23-21-I-15
						OCDD	Method Blank	-	-	ND(0.0000034)	
2H0P411	RB-081602-1	8/16/2002	Soil	Tier II	No						
2H0P429	J9-23-18-H-11 (1 - 3)	8/19/2002	Soil	Tier II	No						
2H0P429	J9-23-18-H-11 (3 - 6)	8/19/2002	Soil	Tier II	Yes	1,2,3,4,7,8,9-HpCDF	Method Blank	-	-	ND(0.00000041)	
						OCDD	Method Blank	-	-	ND(0.0000012)	
						OCDF	Method Blank	-	-	ND(0.0000014)	
2H0P429	J9-23-18-RV-1 (1 - 3)	8/19/2002	Soil	Tier II	No						
2H0P429	J9-23-18-RV-1 (3 - 6)	8/19/2002	Soil	Tier II	No						
2H0P429	J9-23-20-F-14 (0 - 1)	8/19/2002	Soil	Tier II	No						
2H0P429	J9-23-21-D-15 (0 - 1)	8/19/2002	Soil	Tier II	No						
2H0P429	J9-23-21-D-15 (1 - 3)	8/19/2002	Soil	Tier II	No						
2H0P429	J9-23-21-D-15 (3 - 6)	8/19/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Exceeds CAL Range	-	-	0.054 EIJ	
						1,2,3,4,7,8,9-HpCDF	Exceeds CAL Range	-	-	0.018 EJ	
						1,2,3,4,7,8-HxCDF	Exceeds CAL Range	-	-	0.078 EIJ	
						1,2,3,6,7,8-HxCDF	Exceeds CAL Range	-	-	0.028 EIJ	
						1,2,3,7,8-PeCDF	Exceeds CAL Range	-	-	0.023 EJ	
						2,3,4,6,7,8-HxCDF	Exceeds CAL Range	-	-	0.015 EJ	
						2,3,4,7,8-PeCDF	Exceeds CAL Range	-	-	0.047 EIJ	
						2,3,7,8-TCDF	Exceeds CAL Range	-	-	0.033 YEJ	
						OCDF	Exceeds CAL Range	-	-	0.045 EIJ	

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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCDDs/PCDFs (continued)											
2H0P429	J9-23-21-D-15 (6 - 15)	8/19/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Field Duplicate RPD (Soil)	113.0%	<50%	0.000014 J	
						1,2,3,4,6,7,8-HpCDF	Field Duplicate RPD (Soil)	113.2%	<50%	0.00014 J	
						1,2,3,4,7,8,9-HpCDF	Field Duplicate RPD (Soil)	116.6%	<50%	0.000036 J	
						1,2,3,4,7,8-HxCDF	Field Duplicate RPD (Soil)	116.8%	<50%	0.00016 J	
						1,2,3,6,7,8-HxCDF	Field Duplicate RPD (Soil)	115.3%	<50%	0.000090 J	
						1,2,3,7,8,9-HxCDF	Field Duplicate RPD (Soil)	103.8%	<50%	0.000026 J	
						1,2,3,7,8-PeCDF	Field Duplicate RPD (Soil)	110.7%	<50%	0.000074 J	
						2,3,4,6,7,8-HxCDF	Field Duplicate RPD (Soil)	115.0%	<50%	0.000038 J	
						2,3,4,7,8-PeCDF	Field Duplicate RPD (Soil)	101.0%	<50%	0.000095 J	
						2,3,7,8-TCDF	Field Duplicate RPD (Soil)	118.7%	<50%	0.00015 YJ	
						HpCDDs (total)	Field Duplicate RPD (Soil)	178.4%	<50%	0.000027 J	
						HpCDFs (total)	Field Duplicate RPD (Soil)	146.3%	<50%	0.00023 J	
						HxCDDs (total)	Field Duplicate RPD (Soil)	134.0%	<50%	0.000017 J	
						HxCDFs (total)	Field Duplicate RPD (Soil)	116.8%	<50%	0.00054 J	
						OCDD	Field Duplicate RPD (Soil)	60.8%	<50%	0.000039 J	
						OCDF	Field Duplicate RPD (Soil)	108.5%	<50%	0.00013 J	
						PeCDDs (total)	Field Duplicate RPD (Soil)	118.7%	<50%	0.000011 J	
						PeCDFs (total)	Field Duplicate RPD (Soil)	120.0%	<50%	0.00072 J	
						TCDDs (total)	Field Duplicate RPD (Soil)	120.6%	<50%	0.0000038 J	
						TCDFs (total)	Field Duplicate RPD (Soil)	113.0%	<50%	0.0011 J	
2H0P429	J9-23-21-SZ-19 (1 - 3)	8/19/2002	Soil	Tier II	No						
2H0P429	J9-23-21-SZ-19 (3 - 6)	8/19/2002	Soil	Tier II	No						
2H0P429	NEW-DUP-2 (6 - 15)	8/19/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Field Duplicate RPD (Soil)	113.0%	<50%	0.000052 J	J9-23-21-D-15
						1,2,3,4,6,7,8-HpCDF	Field Duplicate RPD (Soil)	113.2%	<50%	0.00052 J	
						1,2,3,4,7,8,9-HpCDF	Field Duplicate RPD (Soil)	116.6%	<50%	0.00014 J	
						1,2,3,4,7,8-HxCDF	Field Duplicate RPD (Soil)	116.8%	<50%	0.00060 J	
						1,2,3,6,7,8-HxCDF	Field Duplicate RPD (Soil)	115.3%	<50%	0.00034 J	
						1,2,3,7,8,9-HxCDF	Field Duplicate RPD (Soil)	103.8%	<50%	0.000081 J	
						1,2,3,7,8-PeCDF	Field Duplicate RPD (Soil)	110.7%	<50%	0.00026 J	
						2,3,4,6,7,8-HxCDF	Field Duplicate RPD (Soil)	115.0%	<50%	0.00014 J	
						2,3,4,7,8-PeCDF	Field Duplicate RPD (Soil)	101.0%	<50%	0.00029 J	
						2,3,7,8-TCDF	Field Duplicate RPD (Soil)	118.7%	<50%	0.00044 YQJ	
						HpCDDs (total)	Field Duplicate RPD (Soil)	178.4%	<50%	0.00010 J	
						HpCDFs (total)	Field Duplicate RPD (Soil)	146.3%	<50%	0.00082 J	
						HxCDDs (total)	Field Duplicate RPD (Soil)	134.0%	<50%	0.000088 J	
						HxCDFs (total)	Field Duplicate RPD (Soil)	116.8%	<50%	0.0022 J	
						OCDD	Field Duplicate RPD (Soil)	60.8%	<50%	0.00010 J	
						OCDF	Field Duplicate RPD (Soil)	108.5%	<50%	0.00045 J	
						PeCDDs (total)	Field Duplicate RPD (Soil)	118.7%	<50%	0.000068 J	
						PeCDFs (total)	Field Duplicate RPD (Soil)	120.0%	<50%	0.0029 J	
						TCDDs (total)	Field Duplicate RPD (Soil)	120.6%	<50%	0.000068 J	
						TCDFs (total)	Field Duplicate RPD (Soil)	113.0%	<50%	0.0042 J	
2H0P429	RB-081902-1	8/19/2002	Water	Tier II	No						
2I0P309	J9-23-12-SLO466 (1 - 3)	9/16/2002	Soil	Tier II	No						
2I0P309	J9-23-16-H-6 (10 - 15)	9/16/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000022)	
2I0P309	J9-23-16-H-6 (6 - 10)	9/16/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000031)	
2I0P310	J9-23-23-D-18 (6 - 15)	9/16/2002	Water	Tier II	No						
2I0P310	J9-23-23-F18B (1 - 3)	9/16/2002	Water	Tier II	No						
2I0P337	J9-23-12-SLO083 (1 - 3)	9/17/2002	Soil	Tier II	No						
2I0P337	J9-23-22-C16 (1 - 3)	9/17/2002	Soil	Tier II	No						
2I0P337	J9-23-22-C16 (6 - 15)	9/17/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000024)	
2I0P337	J9-23-22-F-16 (1 - 3)	9/17/2002	Soil	Tier II	Yes	1,2,3,4,7,8-HxCDD	Internal Standard %R	229.0%	40% to140%	0.00012 J	
						1,2,3,4,7,8-HxCDF	Exceeds CAL Range	-	-	0.0025 EJ	
						2,3,7,8-TCDF	Exceeds CAL Range	-	-	0.00096 YEJ	
						OCDF	Exceeds CAL Range	-	-	0.018 EIJ	
						1,2,3,4,6,7,8-HpCDF	Exceeds CAL Range	-	-	0.0044 EJ	

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PCDDs/PCDFs (continued)											
2I0P337	J9-23-22-F-16 (3 - 6)	9/17/2002	Soil	Tier II	Yes	2,3,7,8-TCDF	Exceeds CAL Range	-	-	0.036 YEJ	
						1,2,3,4,6,7,8-HpCDF	Exceeds CAL Range	-	-	0.048 EJ	
						1,2,3,4,7,8-HxCDF	Exceeds CAL Range	-	-	0.049 EJ	
						1,2,3,6,7,8-HxCDF	Exceeds CAL Range	-	-	0.024 EJ	
						1,2,3,7,8-PeCDF	Exceeds CAL Range	-	-	0.018 EJ	
						2,3,4,6,7,8-HxCDF	Exceeds CAL Range	-	-	0.012 EJ	
						2,3,4,7,8-PeCDF	Exceeds CAL Range	-	-	0.026 EJ	
						OCDF	Exceeds CAL Range	-	-	0.043 EJ	
2I0P337	J9-23-22-H-16 (6 - 15)	9/17/2002	Soil	Tier II	No						
2I0P337	J9-23-23-I19 (0 - 1)	9/17/2002	Soil	Tier II	Yes	OCDF	Exceeds CAL Range	-	-	0.0045 EIJ	
						1,2,3,4,6,7,8-HpCDF	Exceeds CAL Range	-	-	0.0057 EIJ	
						1,2,3,4,7,8-HxCDF	Exceeds CAL Range	-	-	0.0050 EIJ	
						1,2,3,6,7,8-HxCDF	Exceeds CAL Range	-	-	0.0029 EJ	
						1,2,3,7,8-PeCDF	Exceeds CAL Range	-	-	0.0028 EIJ	
						2,3,4,7,8-PeCDF	Exceeds CAL Range	-	-	0.0039 EJ	
						2,3,7,8-TCDF	Exceeds CAL Range	-	-	0.0045 YEJ	
2I0P337	J9-23-26-E-22 (1 - 3)	9/17/2002	Soil	Tier II	No						
2I0P380	J9-23-12-C12 (1 - 3)	9/18/2002	Soil	Tier II	No						
2I0P380	J9-23-24-G20 (1 - 3)	9/18/2002	Soil	Tier II	No						
2I0P380	J9-23-24-G20 (3 - 6)	9/18/2002	Soil	Tier II	No						
2I0P380	J9-23-25-D20 (6 - 15)	9/18/2002	Soil	Tier II	No						
2I0P380	J9-23-25-F22 (6 - 15)	9/18/2002	Soil	Tier II	No						
2I0P407	J9-23-17-IA-101 (3 - 6)	9/19/2002	Soil	Tier II	No						
2I0P407	J9-23-17-IA-101 (6 - 15)	9/19/2002	Soil	Tier II	No						
2I0P407	J9-23-17-IA-102 (1 - 3)	9/19/2002	Soil	Tier II	No						
2I0P407	J9-23-17-IA-110 (0 - 1)	9/19/2002	Soil	Tier II	No						
2I0P407	J9-23-17-IA-110 (1 - 3)	9/19/2002	Soil	Tier II	No						
2I0P407	J9-23-17-IA-110 (3 - 6)	9/19/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Exceeds CAL Range	-	-	0.045 EJ	
						1,2,3,4,7,8-HxCDF	Exceeds CAL Range	-	-	0.042 EJ	
						1,2,3,6,7,8-HxCDF	Exceeds CAL Range	-	-	0.022 EJ	
						1,2,3,7,8-PeCDF	Exceeds CAL Range	-	-	0.017 EJ	
						2,3,4,7,8-PeCDF	Exceeds CAL Range	-	-	0.018 EJ	
						2,3,7,8-TCDF	Exceeds CAL Range	-	-	0.022 YEIJ	
						OCDF	Exceeds CAL Range	-	-	0.045 EIJ	
2I0P407	J9-23-17-IA-110 (6 - 15)	9/19/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Exceeds CAL Range	-	-	0.017 EQJ	
						1,2,3,4,7,8-HxCDF	Exceeds CAL Range	-	-	0.019 EIJ	
						1,2,3,6,7,8-HxCDF	Exceeds CAL Range	-	-	0.011 EIJ	
						2,3,7,8-TCDF	Exceeds CAL Range	-	-	0.010 YEJ	
2I0P407	J9-23-17-IA-63 (0 - 1)	9/19/2002	Soil	Tier II	No						
2I0P407	J9-23-17-IA-72 (0 - 1)	9/19/2002	Soil	Tier II	No						
2I0P407	J9-23-17-IA-72 (1 - 3)	9/19/2002	Soil	Tier II	No						
2I0P407	J9-23-17-IA-82 (0 - 1)	9/19/2002	Soil	Tier II	No						
2I0P407	J9-23-17-IA-82 (1 - 3)	9/19/2002	Soil	Tier II	No						
2I0P407	J9-23-17-IA-97 (3 - 6)	9/19/2002	Soil	Tier II	No						
2I0P407	J9-23-17-IA-97 (6 - 15)	9/19/2002	Soil	Tier II	No						
2I0P407	NEW-DUP-8 (3 - 6)	9/19/2002	Soil	Tier II	No						J9-23-17-IA-110
2I0P407	RB-091902-1	9/19/2002	Soil	Tier II	No						
3A0P206	IA-103 (0 - 1)	1/9/2003	Soil	Tier II	No						
3A0P206	MO-14 (3 - 6)	1/9/2003	Soil	Tier II	Yes	1,2,3,7,8,9-HxCDD	Method Blank	-	-	ND(0.00000061)	
						OCDD	Method Blank	-	-	ND(0.0000094)	
3B0P123	J9-23-21-DUP-1 (3 - 6)	2/5/2003	Soil	Tier II	No						

TABLE A-1
ANALYTICAL DATA VALIDATION SUMMARY
NSA I SUPPLEMENTAL PRE-DESIGN INVESTIGATIONS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCDDs/PCDFs (continued)											
3B0P123	J9-23-21-SZ-38 (3 - 6)	2/5/2003	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	MS %R	3.3%	75% to 125%	0.00060 J	
						1,2,3,4,6,7,8-HpCDD	MSD %R	0.0%	75% to 125%	0.00060 J	
						1,2,3,4,7,8,9-HpCDF	MS %R	0.0%	75% to 125%	0.0012 J	
						1,2,3,4,7,8,9-HpCDF	MSD %R	0.0%	75% to 125%	0.0012 J	
						1,2,3,7,8,9-HxCDF	MS %R	0.0%	75% to 125%	0.00041 QJ	
						1,2,3,7,8,9-HxCDF	MSD %R	10.7%	75% to 125%	0.00041 QJ	
						2,3,4,6,7,8-HxCDF	MS %R	0.0%	75% to 125%	0.0011 J	
						2,3,4,6,7,8-HxCDF	MSD %R	0.0%	75% to 125%	0.0011 J	
						2,3,7,8-TCDD	MS %R	61.2%	75% to 125%	0.000039 J	
						2,3,7,8-TCDD	MSD %R	49.5%	75% to 125%	0.000039 J	
						OCDD	MS %R	0.0%	75% to 125%	0.0013 J	
						OCDD	MSD %R	0.0%	75% to 125%	0.0013 J	
						1,2,3,4,6,7,8-HpCDF	Exceeds CAL Range	0.0062 EI	-	0.0062 EIJ	
						1,2,3,4,7,8-HxCDF	Exceeds CAL Range	0.0082 EI	-	0.0082 EIJ	
						1,2,3,6,7,8-HxCDF	Exceeds CAL Range	0.0042 EI	-	0.0042 EIJ	
						1,2,3,7,8-PeCDF	Exceeds CAL Range	0.0041 E	-	0.0041 EJ	
						2,3,4,7,8-PeCDF	Exceeds CAL Range	0.0051 E		0.0051 EJ	
						2,3,7,8-TCDF	Exceeds CAL Range	0.0054 YEQ		0.0054 YEQJ	
						OCDF	Exceeds CAL Range	0.0068 E		0.0068 EJ	
3B0P123	J9-23-21-SZ-39 (3 - 6)	2/5/2003	Soil	Tier II	No						
3B0P123	RB-020503-1	2/5/2003	Soil	Tier II	No						
Sulfide and Cyanide											
2H0P411	J9-23-21-I-15 (1 - 3)	8/16/2002	Soil	Tier II	Yes	Sulfide	Laboratory Duplicate RPD (Soil)	21.6%	<20%	33.0 J	
2H0P411	J9-23-21-I-15 (3 - 6)	8/16/2002	Soil	Tier II	Yes	Sulfide	Laboratory Duplicate RPD (Soil)	21.6%	<20%	17.0 J	
2H0P411	NEW-DUP-1 (3 - 6)	8/16/2002	Soil	Tier II	Yes	Sulfide	Laboratory Duplicate RPD (Soil)	21.6%	<20%	30.0 J	J9-23-21-I-15
2H0P411	RB-081602-1	8/16/2002	Water	Tier II	No						
2H0P429	J9-23-18-H-11 (1 - 3)	8/19/2002	Soil	Tier II	Yes	Sulfide	MS %R	66.0%	75% to 125%	42.0 J	
2H0P429	J9-23-18-H-11 (3 - 6)	8/19/2002	Soil	Tier II	Yes	Sulfide	MS %R	166.0%	75% to 125%	22.0 J	
2H0P429	J9-23-18-RV-1 (1 - 3)	8/19/2002	Soil	Tier II	Yes	Sulfide	MS %R	266.0%	75% to 125%	90.0 J	
2H0P429	J9-23-18-RV-1 (3 - 6)	8/19/02	Soil	Tier II	Yes	Sulfide	MS %R	366.0%	75% to 125%	140 J	
2H0P429	J9-23-20-F-14 (0 - 1)	8/19/2002	Soil	Tier II	Yes	Sulfide	MS %R	466.0%	75% to 125%	44.0 J	
2H0P429	J9-23-21-D-15 (0 - 1)	8/19/2002	Soil	Tier II	Yes	Sulfide	MS %R	566.0%	75% to 125%	20.0 J	
2H0P429	J9-23-21-D-15 (1 - 3)	8/19/2002	Soil	Tier II	Yes	Sulfide	MS %R	666.0%	75% to 125%	21.0 J	
2H0P429	J9-23-21-D-15 (3 - 6)	8/19/2002	Soil	Tier II	Yes	Sulfide	MS %R	766.0%	75% to 125%	39.0 J	
2H0P429	J9-23-21-D-15 (6 - 15)	8/19/2002	Soil	Tier II	Yes	Sulfide	MS %R	866.0%	75% to 125%	120 J	
2H0P429	J9-23-21-SZ-19 (1 - 3)	8/19/2002	Soil	Tier II	Yes	Sulfide	MS %R	966.0%	75% to 125%	63.0 J	
2H0P429	J9-23-21-SZ-19 (3 - 6)	8/19/2002	Soil	Tier II	Yes	Sulfide	MS %R	1066.0%	75% to 125%	160 J	
2H0P429	NEW-DUP-2 (6 - 15)	8/19/2002	Soil	Tier II	Yes	Sulfide	MS %R	1166.0%	75% to 125%	140 J	J9-23-21-D-15
2H0P429	RB-081902-1	8/19/2002	Water	Tier II	No						
2I0P309	J9-23-12-SLO466 (1 - 3)	9/16/2002	Soil	Tier I	No						
2I0P309	J9-23-16-H-6 (10 - 15)	9/16/2002	Soil	Tier I	No						
2I0P309	J9-23-16-H-6 (6 - 10)	9/16/2002	Soil	Tier I	No						
2I0P310	J9-23-23-D-18 (6 - 15)	9/16/2002	Soil	Tier I	No						
2I0P337	J9-23-12-SLO083 (1 - 3)	9/17/2002	Soil	Tier I	No						
2I0P337	J9-23-22-C16 (6 - 15)	9/17/2002	Soil	Tier I	No						
2I0P337	J9-23-22-F-16 (1 - 3)	9/17/2002	Soil	Tier I	No						
2I0P337	J9-23-22-F-16 (3 - 6)	9/17/2002	Soil	Tier I	No						
2I0P337	J9-23-22-H-16 (6 - 15)	9/17/2002	Soil	Tier I	No						
2I0P337	J9-23-26-E-22 (1 - 3)	9/17/2002	Soil	Tier I	No						
2I0P380	J9-23-12-C12 (1 - 3)	9/18/2002	Soil	Tier I	No						
2I0P380	J9-23-24-G20 (1 - 3)	9/18/2002	Soil	Tier I	No						
2I0P380	J9-23-24-G20 (3 - 6)	9/18/2002	Soil	Tier I	No						
2I0P380	J9-23-25-D20 (6 - 15)	9/18/2002	Soil	Tier I	No						
2I0P380	J9-23-25-F22 (6 - 15)	9/18/2002	Soil	Tier I	No						
2I0P407	J9-23-17-IA-82 (1 - 3)	9/19/2002	Soil	Tier I	No						

Appendix B

Analytical Data Summary Tables for All PCB and Appendix IX+3 Soil Samples Used in Evaluations

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Appendix B Tables

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
Parcel J9-23-12						
J9-23-12-B-16	0-1	2/13/2001	ND(0.042)	11	5.1	16.1
	1-3	2/13/2001	ND(0.037)	1500	670	2170
	3-6	2/13/2001	ND(0.036)	92	51	143
	6-10	2/13/2001	ND(0.037)	0.17	0.098	0.268
	10-15	2/13/2001	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
J9-23-12-B-18	0-1	2/12/2001	ND(0.043) [ND(0.040)]	68 J [5.3 J]	48 J [2.3 J]	120 J [7.6 J]
	1-3	2/12/2001	ND(0.040)	4.8	2.5	7.3
	3-6	2/12/2001	ND(0.041)	0.073	0.050	0.123
	6-10	2/12/2001	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	10-15	2/12/2001	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
J9-23-12-C-12	0-1	2/9/2001	ND(0.043)	3.4	2.8	6.2
J9-23-12-SLO-457	1-3	2/13/2001	ND(0.037)	70	37	107
	3-6	2/13/2001	ND(0.038)	340	220	560
	6-10	2/13/2001	ND(0.037)	160	110	270
	10-15	2/13/2001	ND(0.053)	4.9	4.3	9.2
J9-23-12-SLO-466	3-6	9/16/2002	ND(1.9)	36	14	50
	6-10	9/16/2002	ND(1.9)	38	16	54
	10-15	9/16/2002	ND(0.41)	7.6	2.9	10.5
Parcel J9-23-13						
J9-23-13-C-1	0-1	3/2/2001	ND(0.059)	1.4	1.0	2.4
J9-23-13-C-2	0-1	3/2/2001	ND(0.052)	ND(0.052)	1.6	1.6
J9-23-13-C-3	0-1	3/2/2001	ND(0.041)	ND(0.041)	3.5	3.5
J9-23-13-D-1	0-1	3/2/2001	ND(0.042)	ND(0.042)	0.26	0.26
J9-23-13-D-2	0-1	3/7/2001	ND(0.039) [ND(0.039)]	0.44 [0.35]	0.28 [0.27]	0.72 [0.62]
	10-15	3/7/2001	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
J9-23-13-D-3	0-1	3/2/2001	ND(0.038)	ND(0.038)	0.091	0.091
J9-23-13-D-4	1-3	3/7/2001	ND(0.039)	300	180	480
	3-6	3/7/2001	ND(0.037)	170	75	245
	10-15	3/7/2001	ND(0.039)	0.15	0.10	0.25
J9-23-13-E-1	0-1	3/2/2001	ND(0.037)	ND(0.037)	0.47	0.47
J9-23-13-F-1	0-1	3/2/2001	ND(0.041)	ND(0.041)	0.25	0.25
J9-23-13-F-2	0-1	3/2/2001	ND(0.043)	ND(0.043)	2.0	2.0
J9-23-13-F-3	0-1	3/2/2001	ND(0.039)	ND(0.039)	0.13	0.13
J9-23-13-F-4	0-1	3/7/2001	ND(0.036)	ND(0.036)	1.3	1.3
	1-3	3/7/2001	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
	3-6	3/7/2001	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	6-10	3/7/2001	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	10-15	3/7/2001	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
J9-23-13-G-0	0-1	3/2/2001	ND(0.041)	9.8	5.7	15.5
J9-23-13-H-2	0-1	3/8/2001	ND(0.044)	ND(0.044)	0.90	0.90
	1-3	3/8/2001	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	3-6	3/8/2001	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
	6-10	3/8/2001	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	10-15	3/8/2001	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
J9-23-13-H-5	0-1	3/2/2001	ND(0.036)	4.1	2.2	6.3
J9-23-13-I-5	0-1	3/2/2001	ND(0.037)	1.8	1.3	3.1
J9-23-13-J-2	0-1	3/7/2001	ND(0.045)	ND(0.045)	0.44	0.44
	1-3	3/7/2001	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	3-6	3/7/2001	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	6-10	3/7/2001	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	10-15	3/7/2001	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
J9-23-13-J-4	0-1	3/7/2001	ND(0.041)	ND(0.041)	0.55	0.55
	1-3	3/7/2001	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	3-6	3/7/2001	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	6-10	3/7/2001	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	10-15	3/7/2001	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
J9-23-13-J-5	0-1	3/2/2001	ND(0.040)	ND(0.040)	0.26	0.26
Parcel J9-23-16						
J9-23-16-D-6	0-1	1/24/2001	ND(0.044)	800	380	1180

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
J9-23-16-H-6	0-1	9/16/2002	ND(0.036)	0.84	0.60	1.44
	1-3	9/16/2002	ND(0.18)	1.6	2.1	3.7
	3-6	9/16/2002	ND(0.035)	0.95	0.28	1.23
	6-10	9/16/2002	ND(0.034)	0.040	ND(0.034)	0.040
	10-15	9/16/2002	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
J9-23-16-H-7	0-1	1/23/2001	ND(0.041)	ND(0.041)	1.8	1.8
J9-23-16-I-6	0-1	9/17/2002	ND(0.35)	2.8	1.5	4.3
J9-23-16-I-7	0-1	1/23/2001	ND(0.037)	ND(0.037)	0.82	0.82
J9-23-16-J-6	0-1	1/23/2001	ND(0.036)	ND(0.036)	0.096	0.096
	1-3	1/23/2001	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	3-6	1/23/2001	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	6-10	1/23/2001	ND(0.034)	ND(0.034)	ND(0.034)	ND(0.034)
	10-15	1/23/2001	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
J9-23-16-J-7	0-1	1/23/2001	ND(0.038) [ND(0.039)]	ND(0.038) [ND(0.039)]	ND(0.038) [ND(0.039)]	ND(0.038) [ND(0.039)]
J9-23-16-QP-25	0-1	1/23/2001	ND(0.041)	340	170	510
Parcel J9-23-17						
J9-23-17-IA-91	0-1	1/24/2000	ND(0.94)	4.7	4.2	8.9
	1-3	1/24/2000	ND(0.44)	1.9	2.1	4.0
	3-6	1/24/2000	ND(1.8)	20	14	34
	6-10	1/24/2000	ND(20)	250	ND(20)	250
	10-15	1/24/2000	ND(4.0)	52	ND(4.0)	52
J9-23-17-IA-92	0-1	1/24/2000	ND(0.86)	2.8	4.5	7.3
	1-3	1/24/2000	ND(1.9)	6.6	5.1	12
	3-6	1/24/2000	ND(21)	110	34	140
	6-10	1/24/2000	ND(20) [ND(21)]	85 [56]	ND(20) [18 J]	85 [74]
	10-15	1/24/2000	ND(23)	210	ND(23)	210
J9-23-17-IA-93	0-1	1/26/2000	ND(93)	2100	ND(93)	2100
J9-23-17-IA-94	0-1	1/26/2000	ND(42)	250	140	390
J9-23-17-IA-95	0-1	1/26/2000	ND(1.8)	2.7	1.8	4.5
J9-23-17-IA-96	0-1	1/24/2000	ND(0.86)	2.7	2.8	5.5
	1-3	1/24/2000	ND(2.3)	16	ND(2.3)	16
	3-6	1/24/2000	ND(0.38)	2.1	1.8	3.9
	6-10	1/24/2000	ND(0.75)	4.2	3.9	8.1
	10-15	1/24/2000	ND(56)	230	ND(56)	230
J9-23-17-IA-97	0-1	1/26/2000	ND(0.89) [ND(0.89)]	2.6 [3.2]	2.1 [4.4]	4.7 [7.6]
J9-23-17-IA-98	0-1	1/25/2000	ND(0.037)	0.37	0.19	0.56
	1-3	1/25/2000	ND(0.76)	3.3	4.6	7.9
	3-6	1/25/2000	ND(93)	1800	ND(93)	1800
	6-10	1/25/2000	ND(220)	3600	ND(220)	3600
	10-15	1/25/2000	ND(98)	1000	ND(98)	1000
J9-23-17-IA-99	0-1	1/26/2000	ND(1.9)	9.2	5.5	15
J9-23-17-IA-100	0-1	1/26/2000	ND(1.8)	56	ND(1.8)	56
J9-23-17-IA-101	0-1	1/26/2000	ND(0.36)	1.3	1.8	3.1
J9-23-17-IA-102	0-1	1/24/2000	ND(0.41)	3.3	2.0	5.3
	1-3	1/24/2000	ND(0.39)	3.5	1.6	5.1
	3-6	1/24/2000	ND(0.037)	0.48	0.32	0.80
	6-10	1/24/2000	ND(0.036)	0.14	0.13	0.27
	10-15	1/24/2000	ND(0.042)	0.075	0.088	0.16
J9-23-17-IA-103	0-1	1/25/2000	ND(0.036)	1.2	1.2	2.4
	1-3	1/25/2000	ND(0.74)	7.6	6.0	14
	3-6	1/25/2000	ND(0.38)	2.2	1.8	4.0
	6-10	1/25/2000	ND(0.037)	0.46	0.37	0.83
	10-15	1/25/2000	ND(0.040)	0.77	0.40	1.2
J9-23-17-IA-104	0-1	1/26/2000	ND(0.45)	1.2	2.3	3.5
J9-23-17-IA-105	0-1	1/26/2000	ND(0.039)	0.22	0.31	0.53
J9-23-17-IA-106	0-1	1/26/2000	ND(0.036)	0.22	0.52	0.74
J9-23-17-IA-107	0-1	1/25/2000	ND(0.40)	1.7	2.2	3.9
	1-3	1/25/2000	ND(0.18)	0.78	0.90	1.7
	3-6	1/25/2000	ND(0.18)	0.52	0.70	1.2
	6-10	1/25/2000	ND(0.036)	ND(0.036)	0.37	0.37
	10-15	1/25/2000	ND(0.039)	0.068	0.074	0.14

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
J9-23-17-IA-108	0-1	1/26/2000	ND(0.45)	1.2	3.5	4.7
J9-23-17-IA-109	0-1	1/25/2000	ND(0.036)	1.4	0.35	1.8
	1-3	1/25/2000	ND(0.039)	0.39	0.34	0.73
	3-6	1/25/2000	ND(0.039)	0.11	0.10	0.21
	6-10	1/25/2000	ND(0.038)	0.038	ND(0.038)	0.038
	10-15	1/25/2000	ND(0.042) [ND(0.042)]	0.070 [0.052]	0.044 [ND(0.042)]	0.11 [0.052]
J9-23-17-D-9	0-1	3/8/2001	ND(0.044)	36	15	51
J9-23-17-H-9	0-1	3/8/2001	ND(0.039)	7.2	4.4	11.6
Parcel J9-23-18						
J9-23-18-H-11	0-1	3/16/2001	ND(0.041)	ND(0.041)	3.1	3.1
	1-3	3/16/2001	ND(0.038)	ND(0.038)	1.4	1.4
	3-6	3/16/2001	ND(0.037)	ND(0.037)	0.40	0.40
	6-10	3/16/2001	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	10-15	3/16/2001	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
J9-23-18-I-11	0-1	3/16/2001	ND(0.036)	ND(0.036)	0.59	0.59
J9-23-18-J-11	0-1	3/16/2001	ND(0.036)	ND(0.036)	0.55	0.55
	1-3	3/16/2001	ND(0.038)	ND(0.038)	0.83	0.83
	3-6	3/16/2001	ND(0.038) [ND(0.039)]	0.045 [ND(0.039)]	ND(0.038) [ND(0.039)]	0.045 [ND(0.039)]
	6-10	3/16/2001	ND(0.039)	ND(0.039)	0.057	0.057
	10-15	3/16/2001	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
J9-23-18-RV-8	0-1	3/16/2001	ND(0.039)	ND(0.039)	3.9	3.9
Parcel J9-23-19						
J9-23-19-D-12	0-1	3/14/2001	ND(0.039)	ND(0.039)	0.63	0.63
J9-23-19-D-13	1-3	3/14/2001	ND(0.040)	47	33	80
	3-6	3/14/2001	ND(0.040)	320	190	510
	6-10	3/14/2001	ND(0.039)	5.3	2.8	8.1
	10-15	3/14/2001	ND(0.040)	0.36	0.15	0.51
J9-23-19-F-13	0-1	3/13/2001	ND(0.043)	5.5	2.1	7.6
J9-23-19-G-13	0-1	3/14/2001	ND(0.048)	ND(0.048)	0.18	0.18
J9-23-19-H-12	0-1	3/15/2001	ND(0.039)	9.3	3.5	12.8
	10-15	3/15/2001	ND(0.042) [ND(0.040)]	ND(0.042) [ND(0.040)]	ND(0.042) [ND(0.040)]	ND(0.042) [ND(0.040)]
J9-23-19-H-13	0-1	3/13/2001	ND(0.037)	ND(0.037)	0.26	0.26
J9-23-19-I-13	0-1	3/9/2001	ND(0.037)	ND(0.037)	0.81	0.81
J9-23-19-J-12	0-1	3/9/2001	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	1-3	3/9/2001	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	3-6	3/9/2001	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	6-10	3/9/2001	ND(0.037)	ND(0.037)	0.16	0.16
	10-15	3/9/2001	ND(0.041)	ND(0.041)	0.070	0.070
J9-23-19-K-12	0-1	3/9/2001	ND(0.036) [ND(0.036)]	ND(0.036) [ND(0.036)]	0.066 [0.065]	0.066 [0.065]
Parcel J9-23-20						
J9-23-20-D-14	1-3	3/9/2001	ND(0.036)	65	47	112
	3-6	3/9/2001	ND(0.038)	ND(0.038)	100	100
	6-10	3/9/2001	ND(0.041)	ND(0.041)	180	180
	10-15	3/9/2001	ND(0.054)	ND(0.054)	32	32
J9-23-20-E-13	0-1	3/13/2001	ND(0.037)	0.19	0.31	0.50
J9-23-20-F-14	0-1	3/14/2001	ND(0.034)	2.8	1.9	4.7
	1-3	3/14/2001	ND(0.034)	0.33	0.32	0.65
	3-6	3/14/2001	ND(0.035)	ND(0.035)	1000	1000
	6-10	3/14/2001	ND(0.037)	17	23	40
	10-15	3/14/2001	ND(0.080)	3600	1100	4700
J9-23-20-H-14	0-1	3/13/2001	ND(0.036)	ND(0.036)	0.15	0.15
	1-3	3/13/2001	ND(0.036)	ND(0.036)	0.072	0.072
	3-6	3/13/2001	ND(0.037)	ND(0.037)	0.31	0.31
	6-10	3/13/2001	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	10-15	3/13/2001	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
J9-23-20-J-14	1-3	3/12/2001	ND(0.035)	ND(0.035)	0.12	0.12
	3-6	3/12/2001	ND(0.038)	0.34	0.29	0.63
	6-10	3/12/2001	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	10-15	3/12/2001	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
J9-23-20-K-14	0-1	3/12/2001	ND(0.036)	ND(0.036)	0.12	0.12

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
Parcel J9-23-21						
J9-23-21-D-15	0-1	3/13/2001	ND(0.039) [ND(0.040)]	1.3 [1.0]	1.0 [0.94]	2.3 [1.94]
J9-23-21-I-15	0-1	3/12/2001	ND(0.039)	2.9	0.27	3.17
J9-23-21-J-15	0-1	3/12/2001	ND(0.037)	ND(0.037)	0.55	0.55
J9-23-21-J-16	1-3	3/12/2001	ND(0.038)	6.2	2.8	9.0
	3-6	3/12/2001	ND(0.038)	2.5	2.2	4.7
	6-10	3/12/2001	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	10-15	3/12/2001	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
Parcel J9-23-22						
J9-23-22-C-16	0-1	1/30/2001	ND(0.042)	49	45	94
J9-23-22-D-16	1-3	1/30/2001	ND(0.036)	100	45	145
	3-6	1/30/2001	ND(0.038)	18	14	32
	6-10	1/30/2001	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	10-15	1/30/2001	ND(0.038)	8.4	2.3	10.7
J9-23-22-F-16	1-3	1/30/2001	ND(0.040)	310	250	560
	3-6	1/30/2001	ND(0.040) [ND(0.040)]	390 J [770 J]	350 J [700 J]	740 J [1470 J]
J9-23-22-G-17	0-1	1/29/2001	ND(0.035)	19	14	33
J9-23-22-H-16	0-1	1/29/2001	ND(0.036)	1.7	1.1	2.8
	1-3	1/29/2001	ND(0.040)	30	19	49
	3-6	1/29/2001	ND(0.039)	ND(0.039)	15	15
	6-10	1/29/2001	ND(0.037)	ND(0.037)	ND(0.037)	ND(0.037)
	10-15	1/29/2001	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
J9-23-22-H-17	0-1	1/29/2001	ND(0.039)	380	110	490
J9-23-22-J-17	0-1	1/24/2001	ND(0.037)	0.60	0.29	0.89
J9-23-22-J-18	0-1	1/24/2001	ND(0.040)	4.0	1.8	5.8
	1-3	1/24/2001	ND(0.040)	70	24	94
	3-6	1/24/2001	ND(0.042)	2600	930	3530
	6-10	1/24/2001	ND(0.041)	7.0	1.0 J	8.0
	10-15	1/24/2001	ND(0.040)	0.29	ND(0.040)	0.29
J9-23-22-K-17	0-1	1/24/2001	ND(0.035)	ND(0.035)	0.060	0.060
J9-23-22-K-18	0-1	1/24/2001	ND(0.037)	25	8.6	33.6
	1-3	9/17/2002	ND(0.37)	4.0	1.2	5.2
	3-6	9/17/2002	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
Parcel J9-23-23						
J9-23-23-C-17	0-1	1/31/2001	ND(0.042)	340	160	500
J9-23-23-C-18	0-1	1/31/2001	ND(0.038)	5.9	4.5	10.4
J9-23-23-C-19	0-1	1/31/2001	ND(0.038)	6.1	3.6	9.7
J9-23-23-D-17	0-1	1/31/2001	ND(0.036)	62	27	89
J9-23-23-D-18	0-1	1/31/2001	ND(0.038)	3.3	2.5	5.8
	10-15	1/31/2001	ND(0.065)	0.50	0.30	0.80
J9-23-23-D-19	0-1	2/1/2001	ND(0.037)	3.6	2.5	6.1
J9-23-23-E-19	0-1	2/1/2001	ND(0.038)	9.8	11	20.8
J9-23-23-F-18	0-1	1/31/2001	ND(0.040)	25	18	43
	1-3	1/31/2001	ND(0.042)	7.1	9.3	16.4
	3-6	1/31/2001	ND(0.042)	ND(0.042)	610	610
	6-10	1/31/2001	ND(0.051)	ND(0.051)	53	53
	10-15	1/31/2001	ND(0.098)	ND(0.098)	7.0	7.0
J9-23-23-F-18B	0-1	9/16/2002	ND(0.37)	3.2	1.4	4.6
	1-3	9/16/2002	ND(3.8)	53	34	87
	3-6	9/16/2002	ND(83)	500	310	810
J9-23-23-F-18BS	6-10	11/5/2002	ND(230)	8600	ND(230)	8600
	10-15	11/5/2002	ND(340)	5900	4200	10100
J9-23-23-F-19	0-1	2/1/2001	ND(0.038)	1.5	1.0	2.5
J9-23-23-F-20	0-1	2/1/2001	ND(0.039)	ND(0.039)	4.2	4.2
	1-3	2/1/2001	ND(0.037)	ND(0.037)	6.1	6.1
	3-6	2/1/2001	ND(0.041)	60	74	134
	6-10	2/1/2001	ND(0.043)	2.8	2.9	5.7
	10-15	2/1/2001	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
J9-23-23-G-18	0-1	2/1/2001	ND(0.038)	75	25	100
J9-23-23-G-18B	0-1	9/17/2002	ND(0.18)	0.36	ND(0.18)	0.36

TABLE B-1
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS FOR PCBs

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
J9-23-23-H-18	0-1	1/30/2001	ND(0.041)	79	29	108
	1-3	1/30/2001	ND(0.037)	250	93	343
	3-6	1/30/2001	ND(0.040)	1800	540	2340
J9-23-23-H-18B	0-1	9/16/2002	ND(4.0)	140	ND(4.0)	140
	1-3	9/16/2002	ND(3.5)	31	17	48
	3-6	9/16/2002	ND(0.35)	ND(0.35)	8.2	8.2
	6-10	9/16/2002	ND(2.2)	ND(2.2)	21	21
	10-15	9/16/2002	ND(0.043)	0.041 J	ND(0.043)	0.041 J
J9-23-23-H-19	0-1	2/1/2001	ND(0.039)	45	45	90
J9-23-23-I-18	0-1	1/30/2001	ND(0.039)	38	35	73
J9-23-23-I-19	0-1	9/17/2002	ND(38)	330	ND(38)	330
J9-23-23-J-19	0-1	1/30/2001	ND(0.035)	0.056	ND(0.035)	0.056
Parcel J9-23-24						
J9-23-23-G-19	0-1	2/1/2001	ND(0.036)	1.4	0.79	2.19
J9-23-24-G-20	0-1	2/2/2001	ND(0.038)	ND(0.038)	3.4	3.4
J9-23-24-G-21	0-1	2/2/2001	ND(0.050)	ND(0.050)	3.7	3.7
J9-23-24-H-20	0-1	2/2/2001	ND(0.039) [ND(0.039)]	ND(0.039) [ND(0.039)]	7.4 [5.7]	7.4 [5.7]
	1-3	2/2/2001	ND(0.037)	ND(0.037)	2.4	2.4
	3-6	2/2/2001	ND(0.039)	ND(0.039)	6800	6800
	6-10	2/2/2001	ND(0.035)	ND(0.035)	450	450
	10-15	2/2/2001	ND(0.040)	ND(0.040)	1.5	1.5
J9-23-24-H-21	0-1	2/2/2001	ND(0.040)	ND(0.040)	93	93
J9-23-24-I-20	0-1	2/1/2001	ND(0.037)	ND(0.037)	0.76	0.76
J9-23-24-I-21	0-1	2/2/2001	ND(0.035)	ND(0.035)	430	430
J9-23-24-J-20	0-1	2/1/2001	ND(0.035)	0.16	0.064	0.224
	1-3	2/1/2001	ND(0.039)	ND(0.039)	0.33	0.33
	3-6	2/1/2001	ND(0.039)	6.3	3.0	9.3
	6-10	2/1/2001	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	10-15	2/1/2001	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
J9-23-24-J-21	0-1	2/2/2001	ND(0.041)	ND(0.041)	0.21	0.21
Parcel J9-23-25						
J9-23-25-B-20	0-1	2/6/2001	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	1-3	2/6/2001	ND(0.038)	30	14	44
	3-6	2/6/2001	ND(0.037)	15	6.8	21.8
	6-10	2/6/2001	ND(0.038) [ND(0.039)]	ND(0.038) [ND(0.039)]	1.1 J [2.1 J]	1.1 J [2.1 J]
J9-23-25-C-21	0-1	3/22/2001	ND(0.040)	ND(0.040)	0.27	0.27
J9-23-25-D-20	0-1	2/6/2001	ND(0.038)	ND(0.038)	0.20	0.20
	10-15	2/6/2001	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
J9-23-25-D-21	0-1	2/6/2001	ND(0.038)	ND(0.038)	0.55	0.55
J9-23-25-E-21	0-1	2/6/2001	ND(0.038)	ND(0.038)	3.4	3.4
J9-23-25-F-21	0-1	2/5/2001	ND(0.036)	ND(0.036)	0.32	0.32
J9-23-25-F-22	0-1	2/5/2001	ND(0.039)	ND(0.039)	0.29	0.29
	1-3	2/5/2001	ND(0.042)	ND(0.042)	0.83	0.83
	3-6	2/5/2001	ND(0.036)	0.30	0.15	0.45
	6-10	2/5/2001	ND(0.035)	ND(0.035)	380	380
	10-15	2/5/2001	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
J9-23-25-G-22	0-1	2/5/2001	ND(0.035)	ND(0.035)	0.14	0.14
J9-23-25-G-23	0-1	2/6/2001	ND(0.044)	ND(0.044)	0.060	0.060
J9-23-25-H-22	0-1	2/5/2001	ND(0.036)	ND(0.036)	0.049	0.049
	1-3	2/5/2001	ND(0.036)	0.68	0.61	1.29
	3-6	2/5/2001	ND(0.039)	ND(0.039)	ND(0.039)	ND(0.039)
	6-10	2/5/2001	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)
	10-15	2/5/2001	ND(0.042)	ND(0.042)	ND(0.042)	ND(0.042)
J9-23-25-H-23	0-1	2/5/2001	ND(0.044)	ND(0.044)	0.16	0.16
J9-23-25-I-22	0-1	2/5/2001	ND(0.035) [ND(0.035)]	ND(0.035) [ND(0.035)]	0.090 [0.068]	0.090 [0.068]
J9-23-25-I-23	0-1	2/5/2001	ND(0.037)	ND(0.037)	0.25	0.25
Parcel J9-23-26						
J9-23-26-A-23	0-1	2/9/2001	ND(0.039)	ND(0.039)	0.53	0.53
J9-23-26-A-24	0-1	2/9/2001	ND(0.042)	ND(0.042)	0.79	0.79

TABLE B-1
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CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016, -1221, -1232, -1242, -1248	Aroclor-1254	Aroclor-1260	Total PCBs
J9-23-26-B-22	0-1	2/8/2001	ND(0.043)	ND(0.043)	0.75	0.75
	1-3	2/8/2001	ND(0.036)	6.3	4.2	10.5
	3-6	2/8/2001	ND(0.036)	1.2	0.67	1.87
	6-10	2/8/2001	ND(0.036)	0.053	0.037	0.090
	10-15	2/8/2001	ND(0.040)	ND(0.040)	ND(0.040)	ND(0.040)
J9-23-26-B-23	0-1	2/8/2001	ND(0.043)	ND(0.043)	1.3	1.3
J9-23-26-B-24	0-1	2/8/2001	ND(0.041)	ND(0.041)	0.36	0.36
	1-3	2/8/2001	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
	3-6	2/8/2001	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-10	2/8/2001	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	10-15	2/8/2001	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
J9-23-26-C-24	0-1	2/8/2001	ND(0.038)	ND(0.038)	0.25	0.25
J9-23-26-D-22	0-1	2/8/2001	ND(0.039)	ND(0.039)	0.092	0.092
	1-3	2/8/2001	ND(0.035)	ND(0.035)	0.73	0.73
	3-6	2/8/2001	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
	6-10	2/8/2001	ND(0.038)	ND(0.038)	ND(0.038)	ND(0.038)
	10-15	2/8/2001	ND(0.047)	ND(0.047)	ND(0.047)	ND(0.047)
J9-23-26-E-22	0-1	2/9/2001	ND(0.041) [ND(0.041)]	ND(0.041) [ND(0.041)]	0.95 [1.0]	0.95 [1.0]
J9-23-26-E-23	0-1	2/9/2001	ND(0.19)	ND(0.19)	0.35	0.35
J9-23-26-SLO-083E	10-15	11/5/2002	ND(0.042)	0.12	ND(0.042)	0.12
J9-23-26-SLO-445	3-6	9/17/2002	ND(0.035)	0.057	ND(0.035)	0.057
	6-10	9/17/2002	ND(0.039)	0.027 J	ND(0.039)	0.027 J
	10-15	9/17/2002	ND(0.036)	0.033 J	ND(0.036)	0.033 J

Notes:
1. Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. for analysis of PCBs.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved November 4, 2002 and resubmitted December 10, 2002).
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Duplicate sample results are presented in brackets.

Data Qualifiers:
J - The associated numerical value is an estimated concentration.

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-12	J9-23-12	J9-23-12	J9-23-12	J9-23-12	J9-23-12
Sample ID:	J9-23-12-B-16	J9-23-12-B-16	J9-23-12-B-18	J9-23-12-B-18	J9-23-12-C-12	J9-23-12-C-12
Sample Depth(Feet):	3-6	4-6	6-15	8-10	0-1	0-1
Parameter Date Collected:	02/13/01	02/13/01	02/12/01	02/12/01	02/09/01	09/18/02
Volatile Organics						
1,1,1,2-Tetrachloroethane	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
1,1,1-Trichloroethane	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
1,1,2,2-Tetrachloroethane	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
1,1,2-Trichloroethane	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
1,1-Dichloroethane	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
1,1-Dichloroethene	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
1,2,3-Trichloropropane	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	ND(0.0056)
1,2-Dibromo-3-chloropropane	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
1,2-Dibromoethane	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
1,2-Dichloroethane	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
1,2-Dichloropropane	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
1,4-Dioxane	NA	ND(1.1) J	NA	ND(1.2) J [ND(1.2) J]	ND(1.3) J	NA
2-Butanone	NA	ND(0.011)	NA	ND(0.012) [ND(0.012)]	ND(0.013)	NA
2-Chloro-1,3-butadiene	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
2-Chloroethylvinylether	NA	ND(0.011)	NA	ND(0.012) J [ND(0.012) J]	ND(0.013) J	NA
2-Hexanone	NA	ND(0.011)	NA	ND(0.012) [ND(0.012)]	ND(0.013)	NA
3-Chloropropene	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
4-Methyl-2-pentanone	NA	ND(0.011)	NA	ND(0.012) [ND(0.012)]	ND(0.013)	NA
Acetone	NA	0.022	NA	0.024 J [0.013 J]	ND(0.026)	NA
Acetonitrile	NA	ND(0.11) J	NA	ND(0.12) J [ND(0.12) J]	ND(0.13) J	NA
Acrolein	NA	ND(0.11)	NA	ND(0.12) [ND(0.12)]	ND(0.13) J	NA
Acrylonitrile	NA	ND(0.11)	NA	ND(0.12) [ND(0.12)]	ND(0.13) J	NA
Benzene	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
Bromodichloromethane	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
Bromoform	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
Bromomethane	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
Carbon Disulfide	NA	ND(0.011)	NA	ND(0.012) [ND(0.012)]	ND(0.013)	NA
Carbon Tetrachloride	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
Chlorobenzene	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
Chloroethane	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
Chloroform	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
Chloromethane	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
cis-1,3-Dichloropropene	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
Dibromochloromethane	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
Dibromomethane	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
Dichlorodifluoromethane	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
Ethyl Methacrylate	NA	ND(0.011)	NA	ND(0.012) [ND(0.012)]	ND(0.013)	NA
Ethylbenzene	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
Iodomethane	NA	ND(0.011)	NA	ND(0.012) [ND(0.012)]	ND(0.013)	NA
Isobutanol	NA	ND(0.22) J	NA	ND(0.24) J [ND(0.25) J]	ND(0.26) J	NA
m&p-Xylene	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
Methacrylonitrile	NA	ND(0.11)	NA	ND(0.12) [ND(0.12)]	ND(0.13)	NA
Methyl Methacrylate	NA	ND(0.011)	NA	ND(0.012) [ND(0.012)]	ND(0.013)	NA
Methylene Chloride	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
o-Xylene	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
Propionitrile	NA	ND(0.11) J	NA	ND(0.12) [ND(0.12)]	ND(0.13) J	NA
Styrene	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
Tetrachloroethene	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
Toluene	NA	ND(0.0056)	NA	0.0015 J [ND(0.0061)]	ND(0.0065)	NA
trans-1,2-Dichloroethene	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
trans-1,3-Dichloropropene	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
trans-1,4-Dichloro-2-butene	NA	ND(0.0056) J	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
Trichloroethene	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
Trichlorofluoromethane	NA	ND(0.0056) J	NA	ND(0.0059) J [ND(0.0061) J]	ND(0.0065) J	NA
Vinyl Acetate	NA	ND(0.011)	NA	ND(0.012) [ND(0.012)]	ND(0.013)	NA
Vinyl Chloride	NA	ND(0.0056)	NA	ND(0.0059) [ND(0.0061)]	ND(0.0065)	NA
Xylenes (total)	NA	NA	NA	NA	NA	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
1,2,4-Trichlorobenzene	0.35 J [0.50]	NA	ND(0.40)	NA	ND(1.3)	NA
1,2-Dichlorobenzene	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
1,2-Diphenylhydrazine	ND(0.36) [ND(0.36) J]	NA	ND(0.40) J	NA	ND(1.3) J	ND(0.37)
1,3,5-Trinitrobenzene	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
1,3-Dichlorobenzene	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
1,3-Dinitrobenzene	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
1,4-Dichlorobenzene	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
1,4-Naphthoquinone	ND(1.9) [ND(1.9)]	NA	ND(2.0)	NA	ND(6.6)	NA
1-Naphthylamine	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Parcel ID:	J9-23-12	J9-23-12	J9-23-12	J9-23-12	J9-23-12	J9-23-12
	Sample ID:	J9-23-12-B-16	J9-23-12-B-16	J9-23-12-B-18	J9-23-12-B-18	J9-23-12-C-12	J9-23-12-C-12
	Sample Depth(Feet):	3-6	4-6	6-15	8-10	0-1	0-1
Parameter	Date Collected:	02/13/01	02/13/01	02/12/01	02/12/01	02/09/01	09/18/02
Semivolatile Organics (continued)							
2,3,4,6-Tetrachlorophenol		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
2,4,5-Trichlorophenol		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
2,4,6-Trichlorophenol		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
2,4-Dichlorophenol		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
2,4-Dimethylphenol		ND(0.36) [0.075 J]	NA	ND(0.40)	NA	ND(1.3)	NA
2,4-Dinitrophenol		ND(1.9) [ND(1.9)]	NA	ND(2.0)	NA	ND(6.6)	NA
2,4-Dinitrotoluene		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
2,6-Dichlorophenol		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
2,6-Dinitrotoluene		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
2-Acetylaminofluorene		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
2-Chloronaphthalene		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
2-Chlorophenol		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
2-Methylnaphthalene		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
2-Methylphenol		ND(0.36) [0.064 J]	NA	ND(0.40)	NA	ND(1.3)	NA
2-Naphthylamine		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
2-Nitroaniline		ND(1.9) [ND(1.9)]	NA	ND(2.0)	NA	ND(6.6)	NA
2-Nitrophenol		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
2-Picoline		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
3&4-Methylphenol		ND(0.36) [0.24 J]	NA	ND(0.40)	NA	ND(1.3)	NA
3,3'-Dichlorobenzidine		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
3,3'-Dimethylbenzidine		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	ND(0.37)
3-Methylcholanthrene		ND(0.36) [ND(0.36)]	NA	ND(0.40) J	NA	ND(1.3)	NA
3-Nitroaniline		ND(1.9) [ND(1.9)]	NA	ND(2.0)	NA	ND(6.6)	NA
4,6-Dinitro-2-methylphenol		ND(1.9) [ND(1.9)]	NA	ND(2.0)	NA	ND(6.6)	NA
4-Aminobiphenyl		ND(1.9) [ND(1.9)]	NA	ND(2.0)	NA	ND(6.6)	NA
4-Bromophenyl-phenylether		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
4-Chloro-3-Methylphenol		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
4-Chloroaniline		ND(0.36) [ND(0.36) J]	NA	ND(0.40) J	NA	ND(1.3) J	NA
4-Chlorobenzilate		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
4-Chlorophenyl-phenylether		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
4-Nitroaniline		ND(1.9) [ND(1.9)]	NA	ND(2.0)	NA	ND(6.6)	NA
4-Nitrophenol		ND(1.9) [ND(1.9)]	NA	ND(2.0)	NA	ND(6.6)	NA
4-Nitroquinoline-1-oxide		ND(1.9) J [ND(1.9) J]	NA	ND(2.0) J	NA	ND(6.6) J	NA
4-Phenylenediamine		ND(1.9) J [ND(1.9) J]	NA	ND(2.0)	NA	ND(6.6)	NA
5-Nitro-o-toluidine		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
7,12-Dimethylbenz(a)anthracene		ND(0.36) [ND(0.36)]	NA	ND(0.40) J	NA	ND(1.3)	ND(0.74)
a,a'-Dimethylphenethylamine		ND(1.9) [ND(1.9)]	NA	ND(2.0)	NA	ND(6.6)	NA
Acenaphthene		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	0.30 J	NA
Acenaphthylene		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	0.70 J	NA
Acetophenone		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	ND(0.37)
Aniline		0.084 J [ND(0.36) J]	NA	ND(0.40) J	NA	0.24 J	NA
Anthracene		ND(0.36) [ND(0.36)]	NA	0.043 J	NA	1.2 J	NA
Aramite		ND(1.9) [ND(1.9)]	NA	ND(2.0)	NA	ND(6.6)	NA
Benzidine		ND(3.6) J [ND(3.6) J]	NA	ND(4.0) J	NA	ND(13) J	ND(0.74) J
Benzo(a)anthracene		ND(0.36) [ND(0.36)]	NA	0.12 J	NA	3.0	NA
Benzo(a)pyrene		ND(0.36) [ND(0.36)]	NA	ND(0.40) J	NA	2.8	NA
Benzo(b)fluoranthene		0.060 J [ND(0.36)]	NA	ND(0.40) J	NA	2.2	NA
Benzo(g,h,i)perylene		ND(0.36) [ND(0.36)]	NA	ND(0.40) J	NA	ND(1.3)	NA
Benzo(k)fluoranthene		0.054 J [ND(0.36)]	NA	ND(0.40) J	NA	2.4	NA
Benzyl Alcohol		ND(1.9) [ND(1.9)]	NA	ND(2.0)	NA	ND(6.6)	NA
bis(2-Chloroethoxy)methane		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
bis(2-Chloroethyl)ether		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	ND(0.37)
bis(2-Chloroisopropyl)ether		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
bis(2-Ethylhexyl)phthalate		ND(0.36) [ND(0.36)]	NA	0.064 J	NA	ND(1.3)	NA
Butylbenzylphthalate		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
Chrysene		ND(0.36) [ND(0.36)]	NA	0.16 J	NA	3.2	NA
Diallate		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
Dibenzo(a,h)anthracene		ND(0.36) [ND(0.36)]	NA	ND(0.40) J	NA	ND(1.3)	2.8
Dibenzofuran		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	0.28 J	NA
Diethylphthalate		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
Dimethoate		NA	NA	NA	NA	NA	NA
Dimethylphthalate		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
Di-n-Butylphthalate		0.077 J [0.066 J]	NA	ND(0.40)	NA	ND(1.3)	NA
Di-n-Octylphthalate		ND(0.36) [ND(0.36)]	NA	ND(0.40) J	NA	ND(1.3)	NA
Diphenylamine		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
Disulfoton		NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate		ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
Ethyl Parathion		NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-12	J9-23-12	J9-23-12	J9-23-12	J9-23-12	J9-23-12
Sample ID:	J9-23-12-B-16	J9-23-12-B-16	J9-23-12-B-18	J9-23-12-B-18	J9-23-12-C-12	J9-23-12-C-12
Sample Depth(Feet):	3-6	4-6	6-15	8-10	0-1	0-1
Parameter Date Collected:	02/13/01	02/13/01	02/12/01	02/12/01	02/09/01	09/18/02
Semivolatile Organics (continued)						
Fluoranthene	0.11 J [0.097 J]	NA	0.27 J	NA	7.0	NA
Fluorene	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
Hexachlorobenzene	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	ND(0.37)
Hexachlorobutadiene	ND(0.36) [ND(0.36)]	NA	ND(0.40) J	NA	ND(1.3) J	NA
Hexachlorocyclopentadiene	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
Hexachloroethane	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
Hexachlorophene	R [R]	NA	R	NA	R	NA
Hexachloropropene	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
Indeno(1,2,3-cd)pyrene	ND(0.36) [ND(0.36)]	NA	ND(0.40) J	NA	ND(1.3)	5.6
Isodrin	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
Isophorone	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
Isosafrole	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
Methapyrilene	ND(1.9) [ND(1.9)]	NA	ND(2.0)	NA	ND(6.6)	NA
Methyl Methanesulfonate	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA
Naphthalene	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	0.26 J	NA
Nitrobenzene	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
N-Nitrosodiethylamine	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	ND(0.37)
N-Nitrosodimethylamine	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	ND(0.37)
N-Nitroso-di-n-butylamine	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	ND(0.74)
N-Nitroso-di-n-propylamine	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	ND(0.37)
N-Nitrosodiphenylamine	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
N-Nitrosomethylethylamine	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	ND(0.74)
N-Nitrosomorpholine	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
N-Nitrosopiperidine	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
N-Nitrosopyrrolidine	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	ND(0.74)
o,o,o-Triethylphosphorothioate	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
o-Toluidine	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
p-Dimethylaminoazobenzene	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
Pentachlorobenzene	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
Pentachloroethane	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
Pentachloronitrobenzene	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
Pentachlorophenol	ND(1.9) [ND(1.9)]	NA	ND(2.0)	NA	ND(6.6)	ND(1.9)
Phenacetin	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
Phenanthrene	0.079 J [0.073 J]	NA	0.13 J	NA	4.3	NA
Phenol	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
Phorate	NA	NA	NA	NA	NA	NA
Pronamide	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
Pyrene	0.11 J [0.10 J]	NA	0.23 J	NA	6.6	NA
Pyridine	ND(1.9) [ND(1.9)]	NA	ND(2.0)	NA	ND(6.6)	NA
Safrole	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
Sulfotep	NA	NA	NA	NA	NA	NA
Thionazin	ND(0.36) [ND(0.36)]	NA	ND(0.40)	NA	ND(1.3)	NA
Organochlorine Pesticides						
4,4'-DDD	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	J9-23-12 / J9-23-12-B-16 / 3-6 / 02/13/01	J9-23-12 / J9-23-12-B-16 / 4-6 / 02/13/01	J9-23-12 / J9-23-12-B-18 / 6-15 / 02/12/01	J9-23-12 / J9-23-12-B-18 / 8-10 / 02/12/01	J9-23-12 / J9-23-12-C-12 / 0-1 / 02/09/01	J9-23-12 / J9-23-12-C-12 / 0-1 / 09/18/02
Herbicides							
2,4,5-T		NA	NA	NA	NA	NA	NA
2,4,5-TP		NA	NA	NA	NA	NA	NA
2,4-D		NA	NA	NA	NA	NA	NA
Dinoseb		NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF		0.0034 [0.0081]	NA	ND(0.00000036)	NA	0.000033	NA
TCDFs (total)		0.018 [0.021]	NA	ND(0.00000036)	NA	0.00021	NA
1,2,3,7,8-PeCDF		0.0018 J [0.0060]	NA	ND(0.00000024)	NA	0.0000094	NA
2,3,4,7,8-PeCDF		0.0026 [0.0053]	NA	ND(0.00000023)	NA	0.000015	NA
PeCDFs (total)		0.019 [0.020]	NA	ND(0.00000023)	NA	0.00025	NA
1,2,3,4,7,8-HxCDF		0.0063 [0.010]	NA	ND(0.00000020)	NA	0.000051	NA
1,2,3,6,7,8-HxCDF		0.0022 J [0.0037]	NA	ND(0.00000018)	NA	0.000018	NA
1,2,3,7,8,9-HxCDF		0.00032 [0.000041]	NA	ND(0.00000023)	NA	0.0000069	NA
2,3,4,6,7,8-HxCDF		0.00088 E [0.0014 J]	NA	ND(0.00000021)	NA	0.0000098	NA
HxCDFs (total)		0.017 [0.018]	NA	ND(0.00000018)	NA	0.00037	NA
1,2,3,4,6,7,8-HpCDF		0.0052 [0.0059]	NA	0.00000030 J	NA	0.000076	NA
1,2,3,4,7,8,9-HpCDF		0.00081 E [0.0013 J]	NA	ND(0.00000041)	NA	0.000019	NA
HpCDFs (total)		0.0068 [0.0082]	NA	0.00000030	NA	0.00018	NA
OCDF		0.0036 E [0.0043 J]	NA	ND(0.00000061)	NA	0.00024	NA
Dioxins							
2,3,7,8-TCDD		0.000029 [0.000034]	NA	ND(0.00000044)	NA	ND(0.00000042)	NA
TCDDs (total)		0.00046 [0.00054]	NA	ND(0.00000044)	NA	0.0000067	NA
1,2,3,7,8-PeCDD		0.00011 [0.00011]	NA	ND(0.00000046)	NA	ND(0.00000047)	NA
PeCDDs (total)		0.00079 [0.00086]	NA	ND(0.00000046)	NA	0.000011	NA
1,2,3,4,7,8-HxCDD		0.000049 [0.000052]	NA	ND(0.00000039)	NA	ND(0.00000039)	NA
1,2,3,6,7,8-HxCDD		0.00011 [0.00011]	NA	ND(0.00000035)	NA	0.0000037	NA
1,2,3,7,8,9-HxCDD		0.00012 [0.00013]	NA	ND(0.00000035)	NA	0.0000016 J	NA
HxCDDs (total)		0.0016 [0.0016]	NA	0.0000014	NA	0.000034	NA
1,2,3,4,6,7,8-HpCDD		0.00046 [0.00046]	NA	0.0000010 J	NA	0.000031	NA
HpCDDs (total)		0.0010 [0.0010]	NA	0.0000010	NA	0.000059	NA
OCDD		0.00084 [0.00085]	NA	0.0000019 J	NA	0.00027	NA
Total TEQs (WHO TEFs)		0.0029 [0.0056]	NA	0.00000064	NA	0.000022	NA
Inorganics							
Antimony		ND(0.650) J [ND(0.880) J]	NA	ND(0.720) J	NA	ND(0.770) J	NA
Arsenic		3.10 [2.90]	NA	2.20	NA	9.60	NA
Barium		23.0 [31.4]	NA	19.8 B	NA	52.8	NA
Beryllium		ND(0.0400) [ND(0.0400)]	NA	ND(0.0400)	NA	ND(0.0400)	NA
Cadmium		0.400 B [0.640]	NA	0.190 B	NA	0.520 B	NA
Chromium		12.0 [15.1]	NA	5.20	NA	8.60	NA
Cobalt		9.20 [9.70]	NA	6.10	NA	10.1	NA
Copper		67.0 [130]	NA	10.4	NA	35.7	NA
Cyanide		ND(1.09) [ND(1.10)]	NA	ND(1.20)	NA	ND(1.30)	NA
Lead		271 J [205 J]	NA	4.30 J	NA	158 J	NA
Mercury		0.0700 [0.130]	NA	ND(0.0500)	NA	0.350	NA
Nickel		19.6 [22.1]	NA	10.3	NA	16.3	NA
Selenium		ND(0.490) [ND(0.500)]	NA	0.770	NA	ND(0.580)	NA
Silver		ND(0.0900) [0.310 B]	NA	ND(0.100)	NA	0.550 B	NA
Sulfide		ND(21.9) [ND(22.0)]	NA	ND(24.0)	NA	ND(25.9)	NA
Thallium		ND(0.230) [ND(0.240)]	NA	0.350 B	NA	ND(0.270)	NA
Tin		8.30 B [10.6 B]	NA	8.70 B	NA	40.4	NA
Vanadium		7.60 [7.60]	NA	6.10	NA	11.6	NA
Zinc		144 J [245 J]	NA	31.6 J	NA	104 J	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	J9-23-12 / J9-23-12-C-12 / 1-3 / 09/18/02	J9-23-12 / J9-23-12-SLO-076 / 0-1 / 02/12/01	J9-23-12 / J9-23-12-SLO-083 / 1-3 / 09/17/02	J9-23-12 / J9-23-12-SLO-093 / 0-1 / 04/10/01	J9-23-12 / J9-23-12-SLO-093 / 0-1 / 09/17/02	J9-23-12 / J9-23-12-SLO-102 / 0-1 / 09/16/02
Volatile Organics						
1,1,1,2-Tetrachloroethane	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
1,1,1-Trichloroethane	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
1,1,2,2-Tetrachloroethane	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
1,1,2-Trichloroethane	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
1,1-Dichloroethane	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
1,1-Dichloroethene	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
1,2,3-Trichloropropane	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	ND(0.0059)	NA
1,2-Dibromo-3-chloropropane	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
1,2-Dibromoethane	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
1,2-Dichloroethane	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
1,2-Dichloropropane	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
1,4-Dioxane	NA	ND(1.5) J	ND(0.10) J	ND(1.3) J	NA	NA
2-Butanone	NA	ND(0.015)	ND(0.010)	ND(0.013)	NA	NA
2-Chloro-1,3-butadiene	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
2-Chloroethylvinylether	NA	ND(0.015)	ND(0.0052) J	ND(0.013) J	NA	NA
2-Hexanone	NA	ND(0.015)	ND(0.010) J	ND(0.013)	NA	NA
3-Chloropropene	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
4-Methyl-2-pentanone	NA	ND(0.015)	ND(0.010)	ND(0.013)	NA	NA
Acetone	NA	ND(0.030)	ND(0.021)	ND(0.025)	NA	NA
Acetonitrile	NA	ND(0.15) J	ND(0.10)	ND(0.13) J	NA	NA
Acrolein	NA	ND(0.15)	ND(0.10) J	ND(0.13)	NA	NA
Acrylonitrile	NA	ND(0.15)	ND(0.0052)	ND(0.13)	NA	NA
Benzene	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
Bromodichloromethane	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
Bromoform	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
Bromomethane	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
Carbon Disulfide	NA	ND(0.015)	ND(0.0052)	ND(0.013)	NA	NA
Carbon Tetrachloride	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
Chlorobenzene	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
Chloroethane	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
Chloroform	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
Chloromethane	NA	ND(0.0075)	ND(0.0052) J	ND(0.0063)	NA	NA
cis-1,3-Dichloropropene	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
Dibromochloromethane	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
Dibromomethane	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
Dichlorodifluoromethane	NA	ND(0.0075)	ND(0.0052) J	ND(0.0063)	NA	NA
Ethyl Methacrylate	NA	ND(0.015)	ND(0.0052)	ND(0.013)	NA	NA
Ethylbenzene	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
Iodomethane	NA	ND(0.015)	ND(0.0052)	ND(0.013)	NA	NA
Isobutanol	NA	ND(0.30) J	ND(0.10) J	ND(0.25) J	NA	NA
m&p-Xylene	NA	ND(0.0075)	NA	ND(0.0063)	NA	NA
Methacrylonitrile	NA	ND(0.15)	ND(0.0052)	ND(0.13)	NA	NA
Methyl Methacrylate	NA	ND(0.015)	ND(0.0052)	ND(0.013)	NA	NA
Methylene Chloride	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
o-Xylene	NA	ND(0.0075)	NA	ND(0.0063)	NA	NA
Propionitrile	NA	ND(0.15) J	ND(0.010)	ND(0.13)	NA	NA
Styrene	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
Tetrachloroethene	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
Toluene	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
trans-1,2-Dichloroethene	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
trans-1,3-Dichloropropene	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
trans-1,4-Dichloro-2-butene	NA	ND(0.0075) J	ND(0.0052)	ND(0.0063)	NA	NA
Trichloroethene	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
Trichlorofluoromethane	NA	ND(0.0075) J	ND(0.0052)	ND(0.0063)	NA	NA
Vinyl Acetate	NA	ND(0.015)	ND(0.0052)	ND(0.013)	NA	NA
Vinyl Chloride	NA	ND(0.0075)	ND(0.0052)	ND(0.0063)	NA	NA
Xylenes (total)	NA	NA	ND(0.0052)	NA	NA	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
1,2,4-Trichlorobenzene	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
1,2-Dichlorobenzene	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
1,2-Diphenylhydrazine	ND(0.35)	ND(0.50)	ND(0.35)	NA	ND(0.40)	NA
1,3,5-Trinitrobenzene	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
1,3-Dichlorobenzene	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
1,3-Dinitrobenzene	ND(0.70)	ND(0.50)	ND(0.70)	NA	NA	NA
1,4-Dichlorobenzene	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
1,4-Naphthoquinone	ND(0.70)	ND(2.6)	ND(0.70)	NA	NA	NA
1-Naphthylamine	ND(0.70)	ND(0.50)	ND(0.70)	NA	NA	NA

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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	J9-23-12 / J9-23-12-C-12 / 1-3 / 09/18/02	J9-23-12 / J9-23-12-SLO-076 / 0-1 / 02/12/01	J9-23-12 / J9-23-12-SLO-083 / 1-3 / 09/17/02	J9-23-12 / J9-23-12-SLO-093 / 0-1 / 04/10/01	J9-23-12 / J9-23-12-SLO-093 / 0-1 / 09/17/02	J9-23-12 / J9-23-12-SLO-102 / 0-1 / 09/16/02
Semivolatile Organics (continued)						
2,3,4,6-Tetrachlorophenol	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
2,4,5-Trichlorophenol	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
2,4,6-Trichlorophenol	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
2,4-Dichlorophenol	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
2,4-Dimethylphenol	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
2,4-Dinitrophenol	ND(1.8)	ND(2.6)	ND(1.8) J	NA	NA	NA
2,4-Dinitrotoluene	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
2,6-Dichlorophenol	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
2,6-Dinitrotoluene	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
2-Acetylaminofluorene	ND(0.70)	ND(0.50)	ND(0.70) J	NA	NA	NA
2-Chloronaphthalene	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
2-Chlorophenol	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
2-Methylnaphthalene	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
2-Methylphenol	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
2-Naphthylamine	ND(0.70)	ND(0.50)	ND(0.70)	NA	NA	NA
2-Nitroaniline	ND(1.8)	ND(2.6)	ND(1.8)	NA	NA	NA
2-Nitrophenol	ND(0.70)	ND(0.50)	ND(0.70)	NA	NA	NA
2-Picoline	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
3&4-Methylphenol	ND(0.70)	ND(0.50)	ND(0.70)	NA	NA	NA
3,3'-Dichlorobenzidine	ND(0.70)	ND(0.50)	ND(0.70) J	NA	NA	NA
3,3'-Dimethylbenzidine	ND(0.35)	ND(0.50)	ND(0.35) J	NA	ND(0.40) J	NA
3-Methylcholanthrene	ND(0.70)	ND(0.50)	ND(0.70)	NA	NA	NA
3-Nitroaniline	ND(1.8)	ND(2.6)	ND(1.8)	NA	NA	NA
4,6-Dinitro-2-methylphenol	ND(0.35)	ND(2.6)	ND(0.35)	NA	NA	NA
4-Aminobiphenyl	ND(0.70)	ND(2.6)	ND(0.70)	NA	NA	NA
4-Bromophenyl-phenylether	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
4-Chloro-3-Methylphenol	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
4-Chloroaniline	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
4-Chlorobenzilate	ND(0.70)	ND(0.50)	ND(0.70)	NA	NA	NA
4-Chlorophenyl-phenylether	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
4-Nitroaniline	ND(1.8)	ND(2.6)	ND(1.8)	NA	NA	NA
4-Nitrophenol	ND(1.8)	ND(2.6)	ND(1.8)	NA	NA	NA
4-Nitroquinoline-1-oxide	ND(0.70)	ND(2.6) J	ND(0.70)	NA	NA	NA
4-Phenylenediamine	ND(0.70) J	ND(2.6) J	ND(0.70) J	NA	NA	NA
5-Nitro-o-toluidine	ND(0.70)	ND(0.50)	ND(0.70)	NA	NA	NA
7,12-Dimethylbenz(a)anthracene	ND(0.70)	ND(0.50)	ND(0.70)	NA	ND(0.79)	NA
a,a'-Dimethylphenethylamine	ND(0.70)	ND(2.6)	ND(0.70)	NA	NA	NA
Acenaphthene	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
Acenaphthylene	0.090 J	0.063 J	ND(0.35)	NA	NA	NA
Acetophenone	ND(0.35)	ND(0.50)	ND(0.35)	NA	ND(0.40)	NA
Aniline	ND(0.35)	ND(0.50) J	ND(0.35)	NA	NA	NA
Anthracene	0.18 J	0.056 J	ND(0.35)	NA	NA	NA
Aramite	ND(0.70)	ND(2.6)	ND(0.70)	NA	NA	NA
Benzidine	ND(0.70) J	ND(5.0) J	ND(0.70)	NA	ND(0.79) J	NA
Benzo(a)anthracene	0.41	0.17 J	ND(0.35)	NA	NA	NA
Benzo(a)pyrene	0.36	0.21 J	ND(0.35)	NA	NA	NA
Benzo(b)fluoranthene	0.46	0.22 J	ND(0.35)	NA	NA	NA
Benzo(g,h,i)perylene	0.24 J	0.22 J	ND(0.35)	NA	NA	NA
Benzo(k)fluoranthene	0.17 J	0.20 J	ND(0.35)	NA	NA	NA
Benzyl Alcohol	ND(0.70)	ND(2.6)	ND(0.70)	NA	NA	NA
bis(2-Chloroethoxy)methane	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
bis(2-Chloroethyl)ether	ND(0.35)	ND(0.50)	ND(0.35)	NA	ND(0.40)	NA
bis(2-Chloroisopropyl)ether	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
bis(2-Ethylhexyl)phthalate	ND(0.35)	0.081 J	ND(0.34)	NA	NA	NA
Butylbenzylphthalate	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
Chrysene	0.33 J	0.19 J	ND(0.35)	NA	NA	NA
Diallate	ND(0.70)	ND(0.50)	ND(0.70)	NA	NA	NA
Dibenzo(a,h)anthracene	ND(0.35)	ND(0.50)	ND(0.35)	NA	0.52	NA
Dibenzofuran	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
Diethylphthalate	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
Dimethoate	NA	NA	NA	NA	NA	NA
Dimethylphthalate	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
Di-n-Butylphthalate	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
Di-n-Octylphthalate	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
Diphenylamine	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
Disulfoton	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA

TABLE B-2
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CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-12	J9-23-12	J9-23-12	J9-23-12	J9-23-12	J9-23-12
Sample ID:	J9-23-12-C-12	J9-23-12-SLO-076	J9-23-12-SLO-083	J9-23-12-SLO-093	J9-23-12-SLO-093	J9-23-12-SLO-102
Sample Depth(Feet):	1-3	0-1	1-3	0-1	0-1	0-1
Parameter Date Collected:	09/18/02	02/12/01	09/17/02	04/10/01	09/17/02	09/16/02
Semivolatile Organics (continued)						
Fluoranthene	0.90	0.37 J	ND(0.35)	NA	NA	NA
Fluorene	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
Hexachlorobenzene	ND(0.35)	ND(0.50)	ND(0.35)	NA	ND(0.40)	NA
Hexachlorobutadiene	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
Hexachlorocyclopentadiene	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
Hexachloroethane	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
Hexachlorophene	ND(0.70) J	R	ND(0.70) J	NA	NA	NA
Hexachloropropene	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.20 J	0.17 J	ND(0.35)	NA	1.2	NA
Isodrin	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
Isophorone	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
Isosafrole	ND(0.70)	ND(0.50)	ND(0.70)	NA	NA	NA
Methapyrilene	ND(0.70)	ND(2.6)	ND(0.70)	NA	NA	NA
Methyl Methanesulfonate	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA
Naphthalene	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
Nitrobenzene	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
N-Nitrosodiethylamine	ND(0.35)	ND(0.50)	ND(0.35)	NA	ND(0.40)	NA
N-Nitrosodimethylamine	ND(0.35)	ND(0.50)	ND(0.35)	NA	ND(0.40)	NA
N-Nitroso-di-n-butylamine	ND(0.70)	ND(0.50)	ND(0.70)	NA	ND(0.79)	NA
N-Nitroso-di-n-propylamine	ND(0.35)	ND(0.50)	ND(0.35)	NA	ND(0.40)	NA
N-Nitrosodiphenylamine	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
N-Nitrosomethylethylamine	ND(0.70)	ND(0.50)	ND(0.70)	NA	ND(0.79)	NA
N-Nitrosomorpholine	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
N-Nitrosopiperidine	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
N-Nitrosopyrrolidine	ND(0.70)	ND(0.50)	ND(0.70)	NA	ND(0.79)	NA
o,o,o-Triethylphosphorothioate	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
o-Toluidine	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
p-Dimethylaminoazobenzene	ND(0.70)	ND(0.50)	ND(0.70)	NA	NA	NA
Pentachlorobenzene	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
Pentachloroethane	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
Pentachloronitrobenzene	ND(0.70)	ND(0.50)	ND(0.70)	NA	NA	NA
Pentachlorophenol	ND(1.8)	ND(2.6)	ND(1.8)	NA	ND(2.0)	NA
Phenacetin	ND(0.70)	ND(0.50)	ND(0.70)	NA	NA	NA
Phenanthrene	0.65	0.17 J	ND(0.35)	NA	NA	NA
Phenol	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA
Pronamide	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
Pyrene	0.87	0.32 J	ND(0.35)	NA	NA	NA
Pyridine	ND(0.35)	ND(2.6)	ND(0.35)	NA	NA	NA
Safrole	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA
Thionazin	ND(0.35)	ND(0.50)	ND(0.35)	NA	NA	NA
Organochlorine Pesticides						
4,4'-DDD	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA

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CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	J9-23-12 J9-23-12-C-12 1-3 09/18/02	J9-23-12 J9-23-12-SLO-076 0-1 02/12/01	J9-23-12 J9-23-12-SLO-083 1-3 09/17/02	J9-23-12 J9-23-12-SLO-093 0-1 04/10/01	J9-23-12 J9-23-12-SLO-093 0-1 09/17/02	J9-23-12 J9-23-12-SLO-102 0-1 09/16/02
Herbicides							
2,4,5-T		NA	NA	NA	NA	NA	NA
2,4,5-TP		NA	NA	NA	NA	NA	NA
2,4-D		NA	NA	NA	NA	NA	NA
Dinoseb		NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF		0.000057 Y	0.000040	ND(0.0000073) YX	0.0000018	NA	NA
TCDFs (total)		0.00048	0.00019	0.000023	0.0000087	NA	NA
1,2,3,7,8-PeCDF		0.000046	0.000012	0.0000017 J	0.00000052 J	NA	NA
2,3,4,7,8-PeCDF		0.000068	0.000015	0.0000017 J	0.00000053 J	NA	NA
PeCDFs (total)		0.00058 QI	0.00017	0.000013	0.000010	NA	NA
1,2,3,4,7,8-HxCDF		0.00013	0.000049	0.0000024 J	0.00000096 J	NA	NA
1,2,3,6,7,8-HxCDF		0.000066	0.000017	0.0000011 J	0.00000038 J	NA	NA
1,2,3,7,8,9-HxCDF		0.000016	0.0000040	0.00000048 J	ND(0.00000019)	NA	NA
2,3,4,6,7,8-HxCDF		0.000034	0.000011	0.00000077 J	0.00000084 J	NA	NA
HxCDFs (total)		0.00059	0.00017	0.0000081	0.000012	NA	NA
1,2,3,4,6,7,8-HpCDF		0.00012	0.000052	0.0000022 J	0.0000072	NA	NA
1,2,3,4,7,8,9-HpCDF		0.000028	0.000013	0.00000048 J	ND(0.00000030)	NA	NA
HpCDFs (total)		0.00020	0.00010	0.0000038	0.000022	NA	NA
OCDF		0.00012	0.000074	0.0000025 J	0.000026	NA	NA
Dioxins							
2,3,7,8-TCDD		0.00000061 J	ND(0.00000036)	ND(0.00000013)	ND(0.00000011)	NA	NA
TCDDs (total)		0.000011	0.00000053	0.00000047	ND(0.00000011)	NA	NA
1,2,3,7,8-PeCDD		0.0000028	0.00000060 J	ND(0.00000026)	ND(0.00000015)	NA	NA
PeCDDs (total)		0.000032 Q	0.0000024	ND(0.00000026)	ND(0.00000015)	NA	NA
1,2,3,4,7,8-HxCDD		0.0000024 J	0.00000048 J	ND(0.00000030)	ND(0.00000013)	NA	NA
1,2,3,6,7,8-HxCDD		0.0000042	0.0000016 J	ND(0.00000026)	0.00000074 J	NA	NA
1,2,3,7,8,9-HxCDD		0.0000028	0.0000019 J	ND(0.00000027)	ND(0.00000032) JX	NA	NA
HxCDDs (total)		0.000052	0.000014	ND(0.00000027)	0.0000040	NA	NA
1,2,3,4,6,7,8-HpCDD		0.000021	0.000014	0.0000011 J	0.000020	NA	NA
HpCDDs (total)		0.000044	0.000031	0.0000020	0.000045	NA	NA
OCDD		0.00012	0.000070	0.0000090	0.00018	NA	NA
Total TEQs (WHO TEFs)		0.000073	0.000022	0.0000021	0.0000012	NA	NA
Inorganics							
Antimony		ND(6.00)	ND(0.880) J	ND(6.0)	NA	NA	NA
Arsenic		4.80	5.60	5.70	NA	NA	NA
Barium		30.0	30.2	ND(20.0)	NA	NA	NA
Beryllium		ND(0.500)	ND(0.0500)	ND(0.500)	NA	NA	NA
Cadmium		ND(0.500)	0.360 B	ND(0.50)	NA	NA	NA
Chromium		8.00	14.1	9.00	NA	NA	NA
Cobalt		7.60	6.40 B	7.60	NA	NA	NA
Copper		33.0	21.1	22.0	NA	NA	NA
Cyanide		ND(0.210)	ND(1.51)	ND(0.210)	NA	NA	NA
Lead		39.0	34.4 J	13.0	NA	NA	2600
Mercury		0.180	0.150	0.0690 B	NA	NA	NA
Nickel		15.0	11.0	12.0	NA	NA	NA
Selenium		ND(1.00) J	ND(0.670)	ND(1.00)	NA	NA	NA
Silver		ND(1.00)	0.130 B	ND(1.00)	NA	NA	NA
Sulfide		12.0	ND(30.2)	6.70	NA	NA	NA
Thallium		ND(1.60)	ND(0.310)	ND(1.60)	NA	NA	NA
Tin		ND(10)	9.80 B	ND(10)	NA	NA	NA
Vanadium		9.00	9.60	5.80	NA	NA	NA
Zinc		64.0	84.3 J	40.0	NA	NA	NA

TABLE B-2
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CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	J9-23-12 / J9-23-12-SLO-457 / 1-3 / 02/13/01	J9-23-12 / J9-23-12-SLO-466 / 0-1 / 02/09/01	J9-23-12 / J9-23-12-SLO-466 / 1-3 / 09/16/02	J9-23-13 / J9-23-13-C-2 / 0-1 / 03/02/01	J9-23-13 / J9-23-13-D-2 / 3-6 / 03/07/01	J9-23-13 / J9-23-13-D-2 / 4-6 / 03/07/01	J9-23-13 / J9-23-13-D-4 / 1-3 / 03/07/01
Volatile Organics							
1,1,1,2-Tetrachloroethane	ND(0.0056)	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052)	ND(0.0058)
1,1,1-Trichloroethane	ND(0.0056)	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052)	ND(0.0058)
1,1,2,2-Tetrachloroethane	ND(0.0056)	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052)	ND(0.0058)
1,1,2-Trichloroethane	ND(0.0056)	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052)	ND(0.0058)
1,1-Dichloroethane	ND(0.0056)	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052)	ND(0.0058)
1,1-Dichloroethene	ND(0.0056)	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052)	ND(0.0058)
1,2,3-Trichloropropane	ND(0.0056)	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052)	ND(0.0058)
1,2-Dibromo-3-chloropropane	ND(0.0056)	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052)	ND(0.0058)
1,2-Dibromoethane	ND(0.0056)	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052)	ND(0.0058)
1,2-Dichloroethane	ND(0.0056)	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052)	ND(0.0058)
1,2-Dichloropropane	ND(0.0056)	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052)	ND(0.0058)
1,4-Dioxane	ND(1.1) J	ND(1.2) J	ND(0.11) J	ND(1.6) J	NA	ND(1.0) J	ND(1.2) J
2-Butanone	ND(0.011)	ND(0.012) J	ND(0.011)	ND(0.016)	NA	ND(0.010)	ND(0.012)
2-Chloro-1,3-butadiene	ND(0.0056)	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052)	ND(0.0058)
2-Chloroethylvinylether	ND(0.011)	ND(0.012) J	ND(0.0056) J	ND(0.016)	NA	ND(0.010)	ND(0.012)
2-Hexanone	ND(0.011)	ND(0.012) J	ND(0.011) J	ND(0.016)	NA	ND(0.010)	ND(0.012)
3-Chloropropene	ND(0.0056)	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052)	ND(0.0058)
4-Methyl-2-pentanone	ND(0.011)	ND(0.012) J	ND(0.011)	ND(0.016)	NA	ND(0.010)	ND(0.012)
Acetone	0.043	ND(0.024) J	ND(0.022)	ND(0.031)	NA	ND(0.021)	ND(0.023)
Acetonitrile	ND(0.11) J	ND(0.12) J	ND(0.11)	ND(0.16) J	NA	ND(0.10) J	ND(0.12) J
Acrolein	ND(0.11)	ND(0.12) J	ND(0.11) J	ND(0.16) J	NA	ND(0.10) J	ND(0.12) J
Acrylonitrile	ND(0.11)	ND(0.12) J	ND(0.0056)	ND(0.16)	NA	ND(0.10)	ND(0.12)
Benzene	ND(0.0056)	ND(0.0060) J	ND(0.0056)	0.0027 J	NA	ND(0.0052)	ND(0.0058)
Bromodichloromethane	ND(0.0056)	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052)	ND(0.0058)
Bromoform	ND(0.0056)	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052)	ND(0.0058)
Bromomethane	ND(0.0056)	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052)	ND(0.0058)
Carbon Disulfide	ND(0.011)	ND(0.012) J	ND(0.0056)	ND(0.016)	NA	ND(0.010)	ND(0.012)
Carbon Tetrachloride	ND(0.0056)	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052) J	ND(0.0058) J
Chlorobenzene	ND(0.0056)	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052)	ND(0.0058)
Chloroethane	ND(0.0056)	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052)	ND(0.0058)
Chloroform	ND(0.0056)	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052)	ND(0.0058)
Chloromethane	ND(0.0056)	ND(0.0060) J	ND(0.0056) J	ND(0.0078)	NA	ND(0.0052)	ND(0.0058)
cis-1,3-Dichloropropene	ND(0.0056)	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052)	ND(0.0058)
Dibromochloromethane	ND(0.0056)	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052)	ND(0.0058)
Dibromomethane	ND(0.0056)	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052)	ND(0.0058)
Dichlorodifluoromethane	ND(0.0056)	ND(0.0060) J	ND(0.0056) J	ND(0.0078)	NA	ND(0.0052) J	ND(0.0058) J
Ethyl Methacrylate	ND(0.011)	ND(0.012) J	ND(0.0056)	ND(0.016)	NA	ND(0.010)	ND(0.012)
Ethylbenzene	ND(0.0056)	ND(0.0060) J	ND(0.0056)	0.013	NA	ND(0.0052)	ND(0.0058)
Iodomethane	ND(0.011)	ND(0.012) J	ND(0.0056)	ND(0.016)	NA	ND(0.010)	ND(0.012)
Isobutanol	ND(0.22) J	ND(0.24) J	ND(0.11) J	ND(0.31) J	NA	ND(0.21) J	ND(0.23) J
m&p-Xylene	ND(0.0056)	ND(0.0060) J	NA	0.0044 J	NA	ND(0.0052)	ND(0.0058)
Methacrylonitrile	ND(0.11)	ND(0.12) J	ND(0.0056)	ND(0.16)	NA	ND(0.10)	ND(0.12)
Methyl Methacrylate	ND(0.011)	ND(0.012) J	ND(0.0056)	ND(0.016)	NA	ND(0.010)	ND(0.012)
Methylene Chloride	ND(0.0056)	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052)	ND(0.0058)
o-Xylene	ND(0.0056)	ND(0.0060) J	NA	0.0033 J	NA	ND(0.0052)	ND(0.0058)
Propionitrile	ND(0.11) J	ND(0.12) J	ND(0.011)	ND(0.16)	NA	ND(0.10)	ND(0.12)
Styrene	ND(0.0056)	ND(0.0060) J	ND(0.0056)	0.016	NA	ND(0.0052)	ND(0.0058)
Tetrachloroethene	ND(0.0056)	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052)	ND(0.0058)
Toluene	0.0012 J	ND(0.0060) J	ND(0.0056)	0.0072 J	NA	ND(0.0052)	ND(0.0058)
trans-1,2-Dichloroethene	ND(0.0056)	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052)	ND(0.0058)
trans-1,3-Dichloropropene	ND(0.0056)	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052)	ND(0.0058)
trans-1,4-Dichloro-2-butene	ND(0.0056) J	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052)	ND(0.0058)
Trichloroethene	ND(0.0056)	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052)	0.0040 J
Trichlorofluoromethane	ND(0.0056) J	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052)	ND(0.0058)
Vinyl Acetate	ND(0.011)	ND(0.012) J	ND(0.0056)	ND(0.016)	NA	ND(0.010)	ND(0.012)
Vinyl Chloride	ND(0.0056)	ND(0.0060) J	ND(0.0056)	ND(0.0078)	NA	ND(0.0052)	ND(0.0058)
Xylenes (total)	NA	NA	ND(0.0056)	NA	NA	NA	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	2.5
1,2,4-Trichlorobenzene	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	0.90
1,2-Dichlorobenzene	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
1,2-Diphenylhydrazine	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
1,3,5-Trinitrobenzene	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
1,3-Dichlorobenzene	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
1,3-Dinitrobenzene	NA	NA	ND(0.76)	ND(0.52)	ND(0.34)	NA	ND(0.77)
1,4-Dichlorobenzene	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
1,4-Naphthoquinone	NA	NA	ND(0.76)	ND(2.7)	ND(1.8)	NA	ND(4.0)
1-Naphthylamine	NA	NA	ND(0.76)	ND(0.52)	ND(0.34)	NA	ND(0.77)

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-12	J9-23-12	J9-23-12	J9-23-13	J9-23-13	J9-23-13	J9-23-13
Sample ID:	J9-23-12-SLO-457	J9-23-12-SLO-466	J9-23-12-SLO-466	J9-23-13-C-2	J9-23-13-D-2	J9-23-13-D-2	J9-23-13-D-4
Sample Depth(Feet):	1-3	0-1	1-3	0-1	3-6	4-6	1-3
Parameter Date Collected:	02/13/01	02/09/01	09/16/02	03/02/01	03/07/01	03/07/01	03/07/01
Semivolatile Organics (continued)							
2,3,4,6-Tetrachlorophenol	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
2,4,5-Trichlorophenol	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
2,4,6-Trichlorophenol	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
2,4-Dichlorophenol	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
2,4-Dimethylphenol	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
2,4-Dinitrophenol	NA	NA	ND(1.9) J	ND(2.7)	ND(1.8)	NA	ND(4.0)
2,4-Dinitrotoluene	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
2,6-Dichlorophenol	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
2,6-Dinitrotoluene	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
2-Acetylaminofluorene	NA	NA	ND(0.76) J	ND(0.52)	ND(0.34)	NA	ND(0.77)
2-Chloronaphthalene	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
2-Chlorophenol	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
2-Methylnaphthalene	NA	NA	ND(0.38)	0.18 J	ND(0.34)	NA	0.092 J
2-Methylphenol	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	0.083 J
2-Naphthylamine	NA	NA	ND(0.76)	ND(0.52)	ND(0.34)	NA	ND(0.77)
2-Nitroaniline	NA	NA	ND(1.9) J	ND(2.7)	ND(1.8)	NA	ND(4.0)
2-Nitrophenol	NA	NA	ND(0.76)	ND(0.52)	ND(0.34)	NA	ND(0.77)
2-Picoline	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
3&4-Methylphenol	NA	NA	ND(0.76)	ND(0.52)	ND(0.34)	NA	0.32 J
3,3'-Dichlorobenzidine	NA	NA	ND(0.76) J	ND(0.52)	ND(0.34)	NA	ND(0.77)
3,3'-Dimethylbenzidine	NA	NA	ND(0.38) J	ND(0.52)	ND(0.34)	NA	ND(0.77)
3-Methylcholanthrene	NA	NA	ND(0.76)	ND(0.52)	ND(0.34)	NA	ND(0.77)
3-Nitroaniline	NA	NA	ND(1.9)	ND(2.7)	ND(1.8)	NA	ND(4.0)
4,6-Dinitro-2-methylphenol	NA	NA	ND(0.38) J	ND(2.7)	ND(1.8)	NA	ND(4.0)
4-Aminobiphenyl	NA	NA	ND(0.76) J	ND(2.7)	ND(1.8)	NA	ND(4.0)
4-Bromophenyl-phenylether	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
4-Chloro-3-Methylphenol	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
4-Chloroaniline	NA	NA	ND(0.38)	ND(0.52)	ND(1.8)	NA	ND(4.0)
4-Chlorobenzilate	NA	NA	ND(0.76)	ND(0.52)	ND(0.34)	NA	ND(0.77)
4-Chlorophenyl-phenylether	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
4-Nitroaniline	NA	NA	ND(1.9)	ND(2.7)	ND(1.8)	NA	ND(4.0)
4-Nitrophenol	NA	NA	ND(1.9)	ND(2.7)	ND(1.8)	NA	ND(4.0)
4-Nitroquinoline-1-oxide	NA	NA	ND(0.76)	ND(2.7)	ND(1.8) J	NA	ND(4.0) J
4-Phenylenediamine	NA	NA	ND(0.76)	ND(2.7)	ND(1.8)	NA	ND(4.0)
5-Nitro-o-toluidine	NA	NA	ND(0.76)	ND(0.52)	ND(0.34)	NA	ND(0.77)
7,12-Dimethylbenz(a)anthracene	NA	NA	ND(0.76)	ND(0.52)	ND(0.34)	NA	ND(0.77)
a,a'-Dimethylphenethylamine	NA	NA	ND(0.76)	ND(2.7)	ND(1.8)	NA	ND(4.0)
Acenaphthene	NA	NA	ND(0.38)	0.13 J	ND(0.34)	NA	0.24 J
Acenaphthylene	NA	NA	ND(0.38)	0.75	ND(0.34)	NA	0.33 J
Acetophenone	NA	NA	ND(0.38)	0.091 J	ND(0.34)	NA	ND(0.77)
Aniline	NA	NA	0.29 J	0.19 J	ND(0.34) J	NA	0.49 J
Anthracene	NA	NA	0.14 J	0.62	ND(0.34)	NA	1.1
Aramite	NA	NA	ND(0.76) J	ND(2.7)	ND(1.8)	NA	ND(4.0)
Benzidine	NA	NA	ND(0.76) J	ND(5.2) J	ND(3.4) J	NA	ND(7.7) J
Benzo(a)anthracene	NA	NA	0.62	1.3	ND(0.34)	NA	5.2
Benzo(a)pyrene	NA	NA	0.79	1.2	ND(0.34)	NA	5.3
Benzo(b)fluoranthene	NA	NA	1.2	0.69	ND(0.34)	NA	4.7
Benzo(g,h,i)perylene	NA	NA	0.32 J	0.95	ND(0.34)	NA	4.6
Benzo(k)fluoranthene	NA	NA	0.74	0.76	ND(0.34)	NA	4.6
Benzyl Alcohol	NA	NA	ND(0.76)	ND(2.7)	ND(0.34)	NA	ND(0.77)
bis(2-Chloroethoxy)methane	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
bis(2-Chloroethyl)ether	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
bis(2-Chloroisopropyl)ether	NA	NA	ND(0.38)	ND(0.52)	ND(0.34) J	NA	ND(0.77) J
bis(2-Ethylhexyl)phthalate	NA	NA	ND(0.37)	ND(0.52)	ND(0.34)	NA	ND(0.77)
Butylbenzylphthalate	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
Chrysene	NA	NA	0.96	1.6	ND(0.34)	NA	5.6
Diallate	NA	NA	ND(0.76) J	ND(0.52)	ND(0.34)	NA	ND(0.77)
Dibenzo(a,h)anthracene	NA	NA	ND(0.38)	0.39 J	ND(0.34)	NA	1.8
Dibenzofuran	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	0.18 J
Diethylphthalate	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
Dimethoate	NA	NA	NA	NA	ND(1.8)	NA	ND(4.0)
Dimethylphthalate	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
Di-n-Butylphthalate	NA	NA	ND(0.38)	0.13 J	ND(0.34)	NA	0.27 J
Di-n-Octylphthalate	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
Diphenylamine	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
Disulfoton	NA	NA	NA	NA	ND(0.34)	NA	ND(0.77)
Ethyl Methanesulfonate	NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
Ethyl Parathion	NA	NA	NA	NA	ND(0.34)	NA	ND(0.77)

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	J9-23-12	J9-23-12	J9-23-12	J9-23-13	J9-23-13	J9-23-13	J9-23-13
	Sample ID:	J9-23-12-SLO-457	J9-23-12-SLO-466	J9-23-12-SLO-466	J9-23-13-C-2	J9-23-13-D-2	J9-23-13-D-2	J9-23-13-D-4
	Sample Depth(Feet):	1-3	0-1	1-3	0-1	3-6	4-6	1-3
	Date Collected:	02/13/01	02/09/01	09/16/02	03/02/01	03/07/01	03/07/01	03/07/01
Semivolatile Organics (continued)								
Fluoranthene		NA	NA	0.56	2.2	ND(0.34)	NA	8.0
Fluorene		NA	NA	ND(0.38)	0.34 J	ND(0.34)	NA	0.26 J
Hexachlorobenzene		NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	0.087 J
Hexachlorobutadiene		NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
Hexachlorocyclopentadiene		NA	NA	ND(0.38) J	ND(0.52)	ND(0.34)	NA	ND(0.77)
Hexachloroethane		NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
Hexachlorophene		NA	NA	ND(0.76)	ND(0.78) J	ND(0.52) J	NA	ND(1.2) J
Hexachloropropene		NA	NA	ND(0.38) J	ND(0.52)	ND(0.34)	NA	ND(0.77)
Indeno(1,2,3-cd)pyrene		NA	NA	0.30 J	0.67	ND(0.34) J	NA	4.0 J
Isodrin		NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
Isophorone		NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
Isosafrole		NA	NA	ND(0.76)	ND(0.52)	ND(0.34)	NA	ND(0.77)
Methapyrilene		NA	NA	ND(0.76) J	ND(2.7)	ND(1.8)	NA	ND(4.0)
Methyl Methanesulfonate		NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
Methyl Parathion		NA	NA	NA	NA	ND(0.34)	NA	ND(0.77)
Naphthalene		NA	NA	ND(0.38)	0.19 J	ND(0.34)	NA	0.17 J
Nitrobenzene		NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
N-Nitrosodiethylamine		NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
N-Nitrosodimethylamine		NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
N-Nitroso-di-n-butylamine		NA	NA	ND(0.76)	ND(0.52)	ND(0.34)	NA	ND(0.77)
N-Nitroso-di-n-propylamine		NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
N-Nitrosodiphenylamine		NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
N-Nitrosomethylethylamine		NA	NA	ND(0.76)	ND(0.52)	ND(0.34)	NA	ND(0.77)
N-Nitrosomorpholine		NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
N-Nitrosopiperidine		NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
N-Nitrosopyrrolidine		NA	NA	ND(0.76)	ND(0.52)	ND(0.34)	NA	ND(0.77)
o,o,o-Triethylphosphorothioate		NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
o-Toluidine		NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
p-Dimethylaminoazobenzene		NA	NA	ND(0.76)	ND(0.52)	ND(0.34)	NA	ND(0.77)
Pentachlorobenzene		NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	0.20 J
Pentachloroethane		NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
Pentachloronitrobenzene		NA	NA	ND(0.76)	ND(0.52)	ND(0.34)	NA	ND(0.77)
Pentachlorophenol		NA	NA	ND(1.9) J	ND(2.7)	ND(1.8)	NA	ND(4.0)
Phenacetin		NA	NA	ND(0.76)	ND(0.52)	ND(0.34)	NA	ND(0.77)
Phenanthrene		NA	NA	0.12 J	3.3	ND(0.34)	NA	4.0
Phenol		NA	NA	ND(0.38)	0.31 J	ND(0.34)	NA	ND(0.77)
Phorate		NA	NA	NA	NA	ND(0.34)	NA	ND(0.77)
Pronamide		NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
Pyrene		NA	NA	0.89	3.7	ND(0.34)	NA	7.2
Pyridine		NA	NA	ND(0.38)	ND(2.7)	ND(1.8)	NA	ND(4.0)
Safrole		NA	NA	ND(0.38)	ND(0.52)	ND(0.34)	NA	ND(0.77)
Sulfotep		NA	NA	NA	NA	ND(0.34)	NA	ND(0.77)
Thionazin		NA	NA	ND(0.38) J	ND(0.52)	ND(0.34)	NA	ND(0.77)
Organochlorine Pesticides								
4,4'-DDD		NA	NA	NA	NA	ND(0.0018)	NA	ND(2.0)
4,4'-DDE		NA	NA	NA	NA	ND(0.0018)	NA	ND(2.0)
4,4'-DDT		NA	NA	NA	NA	ND(0.0034)	NA	ND(3.9)
Aldrin		NA	NA	NA	NA	ND(0.0018)	NA	ND(2.0)
Alpha-BHC		NA	NA	NA	NA	ND(0.0018)	NA	ND(2.0)
Alpha-Chlordane		NA	NA	NA	NA	ND(0.0018)	NA	ND(2.0)
Beta-BHC		NA	NA	NA	NA	ND(0.0018)	NA	ND(2.0)
Delta-BHC		NA	NA	NA	NA	ND(0.0018)	NA	ND(2.0)
Dieldrin		NA	NA	NA	NA	ND(0.0018)	NA	ND(2.0)
Endosulfan I		NA	NA	NA	NA	ND(0.0018)	NA	ND(2.0)
Endosulfan II		NA	NA	NA	NA	ND(0.0034)	NA	ND(3.9)
Endosulfan Sulfate		NA	NA	NA	NA	ND(0.0034)	NA	ND(3.9)
Endrin		NA	NA	NA	NA	ND(0.0018)	NA	ND(2.0)
Endrin Aldehyde		NA	NA	NA	NA	ND(0.0034)	NA	ND(3.9)
Endrin Ketone		NA	NA	NA	NA	NA	NA	NA
Famphur		NA	NA	NA	NA	ND(0.0018)	NA	ND(2.0)
Gamma-BHC (Lindane)		NA	NA	NA	NA	ND(0.0018)	NA	ND(2.0)
Gamma-Chlordane		NA	NA	NA	NA	ND(0.0018)	NA	ND(2.0)
Heptachlor		NA	NA	NA	NA	ND(0.0018)	NA	ND(2.0)
Heptachlor Epoxide		NA	NA	NA	NA	ND(0.0018)	NA	ND(2.0)
Kepone		NA	NA	NA	NA	ND(0.0018)	NA	ND(2.0)
Methoxychlor		NA	NA	NA	NA	ND(0.0069)	NA	ND(7.7)
Technical Chlordane		NA	NA	NA	NA	NA	NA	NA
Toxaphene		NA	NA	NA	NA	ND(0.034)	NA	ND(39)

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-12	J9-23-12	J9-23-12	J9-23-13	J9-23-13	J9-23-13	J9-23-13
Sample ID:	J9-23-12-SLO-457	J9-23-12-SLO-466	J9-23-12-SLO-466	J9-23-13-C-2	J9-23-13-D-2	J9-23-13-D-2	J9-23-13-D-4
Sample Depth(Feet):	1-3	0-1	1-3	0-1	3-6	4-6	1-3
Parameter Date Collected:	02/13/01	02/09/01	09/16/02	03/02/01	03/07/01	03/07/01	03/07/01
Herbicides							
2,4,5-T	NA	NA	NA	NA	ND(1.0)	NA	ND(1.2)
2,4,5-TP	NA	NA	NA	NA	ND(1.0)	NA	ND(1.2)
2,4-D	NA	NA	NA	NA	ND(1.0)	NA	ND(1.2)
Dinoseb	NA	NA	NA	NA	ND(0.042)	NA	ND(0.093)
Furans							
2,3,7,8-TCDF	NA	0.000051	0.00014 Y	0.00016	ND(0.00000028)	NA	0.024
TCDFs (total)	NA	0.00027	0.0010	0.00086	ND(0.00000028)	NA	0.13
1,2,3,7,8-PeCDF	NA	0.000013	0.00010	0.00018	ND(0.00000016)	NA	0.015
2,3,4,7,8-PeCDF	NA	0.000018	0.00020	0.000087	ND(0.00000016)	NA	0.013
PeCDFs (total)	NA	0.00035	0.0016	0.0012	ND(0.00000016)	NA	0.057
1,2,3,4,7,8-HxCDF	NA	0.000029	0.00035	0.00025	0.00000062 J	NA	0.034 E
1,2,3,6,7,8-HxCDF	NA	0.000014	0.00017	0.00014	ND(0.00000018)	NA	0.034
1,2,3,7,8,9-HxCDF	NA	0.0000028	0.000017	0.000035	ND(0.00000020)	NA	0.0028
2,3,4,6,7,8-HxCDF	NA	0.000041	0.00018	0.000031	ND(0.00000018)	NA	0.0062 E
HxCDFs (total)	NA	0.00033	0.0019	0.0013	0.0000011	NA	0.11
1,2,3,4,6,7,8-HpCDF	NA	0.000041	0.0014	0.00018	ND(0.00000023)	NA	0.026
1,2,3,4,7,8,9-HpCDF	NA	0.0000053	0.000047	0.000036	ND(0.00000029)	NA	0.0062
HpCDFs (total)	NA	0.000085	0.0016	0.00036	ND(0.00000023)	NA	0.043
OCDF	NA	0.000029	0.00043	0.00011	ND(0.00000069)	NA	0.013
Dioxins							
2,3,7,8-TCDD	NA	ND(0.00000022)	0.0000013 J	ND(0.00000066)	ND(0.00000036)	NA	0.000030
TCDDs (total)	NA	0.0000021	0.000028	0.0000064	ND(0.00000036)	NA	0.0022
1,2,3,7,8-PeCDD	NA	ND(0.00000020)	ND(0.0000047) X	0.0000021	ND(0.00000020)	NA	0.00020
PeCDDs (total)	NA	0.0000011	0.000059 Q	0.000018	ND(0.00000020)	NA	0.0022
1,2,3,4,7,8-HxCDD	NA	0.0000012 J	0.0000079	0.0000016	ND(0.00000020)	NA	0.00018
1,2,3,6,7,8-HxCDD	NA	0.0000020 J	0.000011	0.0000063	ND(0.00000023)	NA	0.00045
1,2,3,7,8,9-HxCDD	NA	ND(0.0000024) JX	0.000011	0.0000038	ND(0.00000021)	NA	0.00034
HxCDDs (total)	NA	0.000033	0.00020	0.000049	ND(0.00000023)	NA	0.0075
1,2,3,4,6,7,8-HpCDD	NA	0.000070	0.00015	0.000056 D	ND(0.00000040)	NA	0.0031 E
HpCDDs (total)	NA	0.00026	0.00038	0.00011 D	ND(0.00000040)	NA	0.0070
OCDD	NA	0.00068	0.00074	0.00024 D	0.0000020 J	NA	0.0043 E
Total TEQs (WHO TEFs)	NA	0.000025	0.00021	0.000056 D	0.00000047	NA	0.018
Inorganics							
Antimony	NA	NA	ND(6.00)	ND(1.40)	ND(0.970)	NA	20.7
Arsenic	NA	NA	8.10	6.00	5.20 J	NA	20.2 J
Barium	NA	NA	56.0	51.6	21.1 J	NA	1110 J
Beryllium	NA	NA	0.150 B	ND(0.0300)	ND(0.0200)	NA	ND(0.0200)
Cadmium	NA	NA	0.600	0.940	0.290 B	NA	14.2
Chromium	NA	NA	11.0	19.3	10.3 J	NA	199 J
Cobalt	NA	NA	10.0	11.7	13.3	NA	16.9
Copper	NA	NA	140	124	39.5	NA	5560
Cyanide	NA	NA	0.210	ND(1.56)	ND(1.04)	NA	ND(1.17)
Lead	NA	NA	130	158	17.1	NA	8330
Mercury	NA	NA	0.240	0.240	0.00400 B	NA	2.50
Nickel	NA	NA	23.0	22.0	20.6 J	NA	170 J
Selenium	NA	NA	ND(1.00) J	0.280 B	ND(0.170)	NA	0.760
Silver	NA	NA	0.430 B	0.650 B	0.740 B	NA	12.5
Sulfide	NA	NA	9.00	ND(31.3)	ND(20.9)	NA	24.4
Thallium	NA	NA	ND(1.70) J	ND(0.220)	ND(0.140)	NA	0.190 B
Tin	NA	NA	ND(11)	16.0 B	ND(5.50)	NA	619
Vanadium	NA	NA	11.0	15.5	6.40	NA	21.2
Zinc	NA	NA	160	240	53.0	NA	6540

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	Parcel ID:	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13
	Sample ID:	J9-23-13-D-4	J9-23-13-D-4	J9-23-13-D-5	J9-23-13-D-5	J9-23-13-F-1	J9-23-13-F-3	J9-23-13-F-5
	Sample Depth(Feet):	3-6	6-15	0-1	1-3	0-1	0-1	0-1
Parameter	Date Collected:	09/18/02	03/07/01	03/02/01	09/18/02	03/02/01	03/02/01	03/02/01
Volatile Organics								
1,1,1,2-Tetrachloroethane		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
1,1,1-Trichloroethane		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
1,1,2,2-Tetrachloroethane		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
1,1,2-Trichloroethane		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
1,1-Dichloroethane		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
1,1-Dichloroethene		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
1,2,3-Trichloropropane		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
1,2-Dibromo-3-chloropropane		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
1,2-Dibromoethane		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
1,2-Dichloroethane		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
1,2-Dichloropropane		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
1,4-Dioxane		NA	NA	ND(1.2) J	NA	ND(1.2) J	ND(1.2) J	ND(1.2) J
2-Butanone		NA	NA	ND(0.012)	NA	ND(0.012)	ND(0.012)	0.0033 J
2-Chloro-1,3-butadiene		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
2-Chloroethylvinylether		NA	NA	ND(0.012)	NA	ND(0.012)	ND(0.012)	ND(0.012)
2-Hexanone		NA	NA	ND(0.012)	NA	ND(0.012)	ND(0.012)	ND(0.012)
3-Chloropropene		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
4-Methyl-2-pentanone		NA	NA	ND(0.012)	NA	ND(0.012)	ND(0.012)	ND(0.012)
Acetone		NA	NA	0.016 J	NA	ND(0.025)	0.0048 J	0.036
Acetonitrile		NA	NA	ND(0.12) J	NA	ND(0.12) J	ND(0.12) J	ND(0.12) J
Acrolein		NA	NA	ND(0.12) J	NA	ND(0.12) J	ND(0.12) J	ND(0.12) J
Acrylonitrile		NA	NA	ND(0.12)	NA	ND(0.12)	ND(0.12)	ND(0.12)
Benzene		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
Bromodichloromethane		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
Bromoform		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
Bromomethane		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
Carbon Disulfide		NA	NA	ND(0.012)	NA	ND(0.012)	ND(0.012)	ND(0.012)
Carbon Tetrachloride		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
Chlorobenzene		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
Chloroethane		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
Chloroform		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
Chloromethane		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
cis-1,3-Dichloropropene		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
Dibromochloromethane		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
Dibromomethane		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
Dichlorodifluoromethane		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
Ethyl Methacrylate		NA	NA	ND(0.012)	NA	ND(0.012)	ND(0.012)	ND(0.012)
Ethylbenzene		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
Iodomethane		NA	NA	ND(0.012)	NA	ND(0.012)	ND(0.012)	ND(0.012)
Isobutanol		NA	NA	ND(0.25) J	NA	ND(0.25) J	ND(0.24) J	ND(0.24) J
m&p-Xylene		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
Methacrylonitrile		NA	NA	ND(0.12)	NA	ND(0.12)	ND(0.12)	ND(0.12)
Methyl Methacrylate		NA	NA	ND(0.012)	NA	ND(0.012)	ND(0.012)	ND(0.012)
Methylene Chloride		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
o-Xylene		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
Propionitrile		NA	NA	ND(0.12)	NA	ND(0.12)	ND(0.12)	ND(0.12)
Styrene		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
Tetrachloroethene		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	0.0014 J
Toluene		NA	NA	0.0015 J	NA	ND(0.0062)	ND(0.0060)	0.0023 J
trans-1,2-Dichloroethene		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
trans-1,3-Dichloropropene		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
trans-1,4-Dichloro-2-butene		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
Trichloroethene		NA	NA	0.0060 J	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
Trichlorofluoromethane		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
Vinyl Acetate		NA	NA	ND(0.012)	NA	ND(0.012)	ND(0.012)	ND(0.012)
Vinyl Chloride		NA	NA	ND(0.0062)	NA	ND(0.0062)	ND(0.0060)	ND(0.0059)
Xylenes (total)		NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics								
1,2,4,5-Tetrachlorobenzene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
1,2,4-Trichlorobenzene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
1,2-Dichlorobenzene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
1,2-Diphenylhydrazine		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
1,3,5-Trinitrobenzene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
1,3-Dichlorobenzene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
1,3-Dinitrobenzene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
1,4-Dichlorobenzene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
1,4-Naphthoquinone		NA	NA	NA	NA	ND(2.1)	ND(2.0)	ND(2.0)
1-Naphthylamine		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13
	Sample ID:	J9-23-13-D-4	J9-23-13-D-4	J9-23-13-D-5	J9-23-13-D-5	J9-23-13-F-1	J9-23-13-F-3	J9-23-13-F-5
	Sample Depth(Feet):	3-6	6-15	0-1	1-3	0-1	0-1	0-1
	Date Collected:	09/18/02	03/07/01	03/02/01	09/18/02	03/02/01	03/02/01	03/02/01
Semivolatile Organics (continued)								
2,3,4,6-Tetrachlorophenol		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
2,4,5-Trichlorophenol		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
2,4,6-Trichlorophenol		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
2,4-Dichlorophenol		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
2,4-Dimethylphenol		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
2,4-Dinitrophenol		NA	NA	NA	NA	ND(2.1)	ND(2.0)	ND(2.0)
2,4-Dinitrotoluene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
2,6-Dichlorophenol		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
2,6-Dinitrotoluene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
2-Acetylaminofluorene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
2-Chloronaphthalene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
2-Chlorophenol		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
2-Methylnaphthalene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
2-Methylphenol		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
2-Naphthylamine		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
2-Nitroaniline		NA	NA	NA	NA	ND(2.1)	ND(2.0)	ND(2.0)
2-Nitrophenol		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
2-Picoline		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
3&4-Methylphenol		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
3,3'-Dichlorobenzidine		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
3,3'-Dimethylbenzidine		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
3-Methylcholanthrene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
3-Nitroaniline		NA	NA	NA	NA	ND(2.1)	ND(2.0)	ND(2.0)
4,6-Dinitro-2-methylphenol		NA	NA	NA	NA	ND(2.1)	ND(2.0)	ND(2.0)
4-Aminobiphenyl		NA	NA	NA	NA	ND(2.1)	ND(2.0)	ND(2.0)
4-Bromophenyl-phenylether		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
4-Chloro-3-Methylphenol		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
4-Chloroaniline		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
4-Chlorobenzilate		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
4-Chlorophenyl-phenylether		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
4-Nitroaniline		NA	NA	NA	NA	ND(2.1)	ND(2.0)	ND(2.0)
4-Nitrophenol		NA	NA	NA	NA	ND(2.1)	ND(2.0)	ND(2.0)
4-Nitroquinoline-1-oxide		NA	NA	NA	NA	ND(2.1)	ND(2.0)	ND(2.0)
4-Phenylenediamine		NA	NA	NA	NA	ND(2.1)	ND(2.0)	ND(2.0)
5-Nitro-o-toluidine		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
7,12-Dimethylbenz(a)anthracene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
a,a'-Dimethylphenethylamine		NA	NA	NA	NA	ND(2.1)	ND(2.0)	ND(2.0)
Acenaphthene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Acenaphthylene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Acetophenone		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Aniline		NA	NA	NA	NA	ND(0.41)	ND(0.39)	0.076 J
Anthracene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Aramite		NA	NA	NA	NA	ND(2.1)	ND(2.0)	ND(2.0)
Benzidine		NA	NA	NA	NA	ND(4.1) J	ND(3.9) J	ND(3.9) J
Benzo(a)anthracene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Benzo(a)pyrene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Benzo(b)fluoranthene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Benzo(g,h,i)perylene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Benzo(k)fluoranthene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Benzyl Alcohol		NA	NA	NA	NA	ND(2.1)	ND(2.0)	ND(2.0)
bis(2-Chloroethoxy)methane		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
bis(2-Chloroethyl)ether		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
bis(2-Chloroisopropyl)ether		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
bis(2-Ethylhexyl)phthalate		NA	NA	NA	NA	ND(0.41)	0.045 J	ND(0.39)
Butylbenzylphthalate		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Chrysene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	0.057 J
Diallate		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Dibenzo(a,h)anthracene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Dibenzofuran		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Diethylphthalate		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Dimethoate		NA	ND(4.0)	NA	NA	NA	NA	NA
Dimethylphthalate		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Di-n-Butylphthalate		NA	NA	NA	NA	ND(0.41)	0.042 J	0.055 J
Di-n-Octylphthalate		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Diphenylamine		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Disulfoton		NA	ND(0.78)	NA	NA	NA	NA	NA
Ethyl Methanesulfonate		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Ethyl Parathion		NA	ND(0.78)	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13
	Sample ID:	J9-23-13-D-4	J9-23-13-D-4	J9-23-13-D-5	J9-23-13-D-5	J9-23-13-F-1	J9-23-13-F-3	J9-23-13-F-5
	Sample Depth(Feet):	3-6	6-15	0-1	1-3	0-1	0-1	0-1
	Date Collected:	09/18/02	03/07/01	03/02/01	09/18/02	03/02/01	03/02/01	03/02/01
Semivolatile Organics (continued)								
Fluoranthene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	0.048 J
Fluorene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Hexachlorobenzene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Hexachlorobutadiene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Hexachlorocyclopentadiene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Hexachloroethane		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Hexachlorophene		NA	NA	NA	NA	ND(0.62) J	ND(0.60) J	ND(0.59) J
Hexachloropropene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Indeno(1,2,3-cd)pyrene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Isodrin		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Isophorone		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Isosafrole		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Methapyrilene		NA	NA	NA	NA	ND(2.1)	ND(2.0)	ND(2.0)
Methyl Methanesulfonate		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Methyl Parathion		NA	ND(0.78)	NA	NA	NA	NA	NA
Naphthalene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Nitrobenzene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
N-Nitrosodiethylamine		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
N-Nitrosodimethylamine		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
N-Nitroso-di-n-butylamine		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
N-Nitroso-di-n-propylamine		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
N-Nitrosodiphenylamine		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
N-Nitrosomethylethylamine		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
N-Nitrosomorpholine		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
N-Nitrosopiperidine		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
N-Nitrosopyrrolidine		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
o,o,o-Triethylphosphorothioate		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
o-Toluidine		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
p-Dimethylaminoazobenzene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Pentachlorobenzene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Pentachloroethane		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Pentachloronitrobenzene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Pentachlorophenol		NA	NA	NA	NA	ND(2.1)	ND(2.0)	ND(2.0)
Phenacetin		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Phenanthrene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Phenol		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Phorate		NA	ND(0.78)	NA	NA	NA	NA	NA
Pronamide		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Pyrene		NA	NA	NA	NA	ND(0.41)	ND(0.39)	0.059 J
Pyridine		NA	NA	NA	NA	ND(2.1)	ND(2.0)	ND(2.0)
Safrole		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Sulfotep		NA	ND(0.78)	NA	NA	NA	NA	NA
Thionazin		NA	NA	NA	NA	ND(0.41)	ND(0.39)	ND(0.39)
Organochlorine Pesticides								
4,4'-DDD		NA	ND(0.0020)	NA	NA	NA	NA	NA
4,4'-DDE		NA	ND(0.0020)	NA	NA	NA	NA	NA
4,4'-DDT		NA	ND(0.0039)	NA	NA	NA	NA	NA
Aldrin		NA	ND(0.0020)	NA	NA	NA	NA	NA
Alpha-BHC		NA	ND(0.0020)	NA	NA	NA	NA	NA
Alpha-Chlordane		NA	ND(0.0020)	NA	NA	NA	NA	NA
Beta-BHC		NA	ND(0.0020)	NA	NA	NA	NA	NA
Delta-BHC		NA	ND(0.0020)	NA	NA	NA	NA	NA
Dieldrin		NA	ND(0.0020)	NA	NA	NA	NA	NA
Endosulfan I		NA	ND(0.0020)	NA	NA	NA	NA	NA
Endosulfan II		NA	ND(0.0039)	NA	NA	NA	NA	NA
Endosulfan Sulfate		NA	ND(0.0039)	NA	NA	NA	NA	NA
Endrin		NA	ND(0.0020)	NA	NA	NA	NA	NA
Endrin Aldehyde		NA	ND(0.0039)	NA	NA	NA	NA	NA
Endrin Ketone		NA	NA	NA	NA	NA	NA	NA
Famphur		NA	ND(0.0020)	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)		NA	ND(0.0020)	NA	NA	NA	NA	NA
Gamma-Chlordane		NA	ND(0.0020)	NA	NA	NA	NA	NA
Heptachlor		NA	ND(0.0020)	NA	NA	NA	NA	NA
Heptachlor Epoxide		NA	ND(0.0020)	NA	NA	NA	NA	NA
Kepone		NA	ND(0.0020)	NA	NA	NA	NA	NA
Methoxychlor		NA	ND(0.0078)	NA	NA	NA	NA	NA
Technical Chlordane		NA	NA	NA	NA	NA	NA	NA
Toxaphene		NA	ND(0.039)	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	Parcel ID:	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13
	Sample ID:	J9-23-13-D-4	J9-23-13-D-4	J9-23-13-D-5	J9-23-13-D-5	J9-23-13-F-1	J9-23-13-F-3	J9-23-13-F-5
	Sample Depth(Feet):	3-6	6-15	0-1	1-3	0-1	0-1	0-1
Parameter	Date Collected:	09/18/02	03/07/01	03/02/01	09/18/02	03/02/01	03/02/01	03/02/01
Herbicides								
2,4,5-T		NA	ND(1.2)	NA	NA	NA	NA	NA
2,4,5-TP		NA	ND(1.2)	NA	NA	NA	NA	NA
2,4-D		NA	ND(1.2)	NA	NA	NA	NA	NA
Dinoseb		NA	ND(0.095)	NA	NA	NA	NA	NA
Furans								
2,3,7,8-TCDF		NA	NA	NA	NA	0.000024	0.0000056	0.00038 D
TCDFs (total)		NA	NA	NA	NA	0.00016	0.000038	0.0020
1,2,3,7,8-PeCDF		NA	NA	NA	NA	0.000011	0.0000046	0.00029
2,3,4,7,8-PeCDF		NA	NA	NA	NA	0.0000084	ND(0.0000022) JX	0.00016
PeCDFs (total)		NA	NA	NA	NA	0.00031	0.000073	0.0026
1,2,3,4,7,8-HxCDF		NA	NA	NA	NA	0.000021	0.0000051	0.00041
1,2,3,6,7,8-HxCDF		NA	NA	NA	NA	0.000014	0.0000041	0.00026
1,2,3,7,8,9-HxCDF		NA	NA	NA	NA	0.0000033	0.00000090 J	0.000044
2,3,4,6,7,8-HxCDF		NA	NA	NA	NA	0.000027	0.0000044	0.000061
HxCDFs (total)		NA	NA	NA	NA	0.00060	0.000067	0.0018
1,2,3,4,6,7,8-HpCDF		NA	NA	NA	NA	0.000045	0.000016	0.00031
1,2,3,4,7,8,9-HpCDF		NA	NA	NA	NA	0.0000048	0.0000018 J	0.000060
HpCDFs (total)		NA	NA	NA	NA	0.00019	0.000051	0.00052
OCDF		NA	NA	NA	NA	0.000021	0.000062	0.00019
Dioxins								
2,3,7,8-TCDD		NA	NA	NA	NA	ND(0.00000035)	ND(0.00000025)	ND(0.00000037)
TCDDs (total)		NA	NA	NA	NA	ND(0.00000035)	ND(0.00000025)	0.000016
1,2,3,7,8-PeCDD		NA	NA	NA	NA	ND(0.00000027)	ND(0.00000056) JX	0.0000048
PeCDDs (total)		NA	NA	NA	NA	0.00000074	0.0000016	0.000040
1,2,3,4,7,8-HxCDD		NA	NA	NA	NA	0.00000072 J	0.0000012 J	ND(0.0000032) X
1,2,3,6,7,8-HxCDD		NA	NA	NA	NA	0.0000014 J	0.0000026	0.000014
1,2,3,7,8,9-HxCDD		NA	NA	NA	NA	0.0000014 J	0.0000018 J	0.000011
HxCDDs (total)		NA	NA	NA	NA	0.000013	0.000018	0.00013
1,2,3,4,6,7,8-HpCDD		NA	NA	NA	NA	0.000013	0.000055	0.000088
HpCDDs (total)		NA	NA	NA	NA	0.000028	0.000093	0.00019
OCDD		NA	NA	NA	NA	0.000064	0.00063	0.00026
Total TEQs (WHO TEFs)		NA	NA	NA	NA	0.000015	0.0000054	0.00022
Inorganics								
Antimony		NA	NA	14.9	NA	ND(1.10)	ND(1.10)	2.30 B
Arsenic		NA	NA	13.4	NA	3.00	5.40	9.30
Barium		NA	NA	281	NA	18.5 B	20.1 B	60.7
Beryllium		NA	NA	ND(0.0200)	NA	ND(0.0200)	ND(0.0200)	ND(0.0200)
Cadmium		NA	NA	5.70	NA	0.340 B	1.10	0.940
Chromium		NA	NA	102	NA	8.00	11.2	47.4
Cobalt		NA	NA	12.4	NA	4.90 B	9.00	13.0
Copper		NA	NA	4690	NA	17.3	44.0	408
Cyanide		NA	NA	ND(1.23)	NA	ND(1.23)	ND(1.20)	ND(1.19)
Lead		10000	NA	4660	7800	27.0	42.9	367
Mercury		NA	NA	0.910	NA	0.0500	0.0300 B	0.140
Nickel		NA	NA	135	NA	10.1	18.8	55.8
Selenium		NA	NA	0.740	NA	0.280 B	0.350 B	0.290 B
Silver		NA	NA	6.90	NA	0.380 B	0.510 B	0.860 B
Sulfide		NA	NA	ND(24.7)	NA	ND(24.7)	ND(23.9)	ND(23.8)
Thallium		NA	NA	ND(0.170)	NA	ND(0.170)	ND(0.160)	ND(0.160)
Tin		NA	NA	402	NA	10.0 B	10.6 B	32.9
Vanadium		NA	NA	15.2	NA	7.70	6.40	15.7
Zinc		NA	NA	2370	NA	62.0	207	241

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	J9-23-13 / J9-23-13-G-2 / 0-1 / 03/08/01	J9-23-13 / J9-23-13-H-2 / 1-3 / 03/08/01	J9-23-13 / J9-23-13-H-2 / 1-3 / 04/10/01	J9-23-13 / J9-23-13-H-2 / 3-6 / 03/08/01	J9-23-13 / J9-23-13-H-2 / 4-6 / 03/08/01	J9-23-13 / J9-23-13-I-5 / 0-1 / 03/02/01	J9-23-13 / J9-23-13-J-2 / 6-8 / 03/07/01
Volatile Organics							
1,1,1,2-Tetrachloroethane	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
1,1,1-Trichloroethane	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
1,1,2,2-Tetrachloroethane	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
1,1,2-Trichloroethane	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
1,1-Dichloroethane	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
1,1-Dichloroethene	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
1,2,3-Trichloropropane	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
1,2-Dibromo-3-chloropropane	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
1,2-Dibromoethane	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
1,2-Dichloroethane	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
1,2-Dichloropropane	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
1,4-Dioxane	ND(1.3) J	ND(0.12) J	ND(1.3) J	NA	ND(0.13) J	ND(1.1) J	ND(1.4) J
2-Butanone	ND(0.013)	ND(0.012)	ND(0.013)	NA	ND(0.013)	ND(0.011)	ND(0.014)
2-Chloro-1,3-butadiene	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
2-Chloroethylvinylether	ND(0.013)	ND(0.012)	ND(0.013) J	NA	ND(0.013)	ND(0.011)	ND(0.014)
2-Hexanone	ND(0.013)	ND(0.012)	ND(0.013)	NA	ND(0.013)	ND(0.011)	ND(0.014)
3-Chloropropene	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
4-Methyl-2-pentanone	ND(0.013)	ND(0.012)	ND(0.013)	NA	ND(0.013)	ND(0.011)	ND(0.014)
Acetone	ND(0.026)	ND(0.025)	ND(0.025)	NA	0.021 J	0.0071 J	ND(0.028)
Acetonitrile	ND(0.13) J	ND(0.12) J	ND(0.13) J	NA	ND(0.13) J	ND(0.11) J	ND(0.14) J
Acrolein	ND(0.13)	ND(0.0062) J	ND(0.13)	NA	ND(0.0063) J	ND(0.11)	ND(0.14) J
Acrylonitrile	ND(0.13)	ND(0.12)	ND(0.13)	NA	ND(0.13)	ND(0.11)	ND(0.14)
Benzene	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
Bromodichloromethane	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
Bromoform	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
Bromomethane	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
Carbon Disulfide	ND(0.013)	ND(0.012)	ND(0.013)	NA	ND(0.013)	ND(0.011)	ND(0.014)
Carbon Tetrachloride	ND(0.0065)	ND(0.0062) J	ND(0.0063)	NA	ND(0.0063) J	ND(0.0056) J	ND(0.0069) J
Chlorobenzene	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
Chloroethane	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
Chloroform	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
Chloromethane	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
cis-1,3-Dichloropropene	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
Dibromochloromethane	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
Dibromomethane	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
Dichlorodifluoromethane	ND(0.0065)	ND(0.25) J	ND(0.0063)	NA	ND(0.25) J	ND(0.0056) J	ND(0.0069) J
Ethyl Methacrylate	ND(0.013)	ND(0.012)	ND(0.013)	NA	ND(0.013)	ND(0.011)	ND(0.014)
Ethylbenzene	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
Iodomethane	ND(0.013)	ND(0.012)	ND(0.013)	NA	ND(0.013)	ND(0.011)	ND(0.014)
Isobutanol	ND(0.26) J	ND(1.3) J	ND(0.25) J	NA	ND(1.3) J	ND(0.22) J	ND(0.28) J
m&p-Xylene	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
Methacrylonitrile	ND(0.13)	ND(0.12)	ND(0.13)	NA	ND(0.13)	ND(0.11)	ND(0.14)
Methyl Methacrylate	ND(0.013)	ND(0.012)	ND(0.013)	NA	ND(0.013)	ND(0.011)	ND(0.014)
Methylene Chloride	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
o-Xylene	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
Propionitrile	ND(0.13)	ND(0.12)	ND(0.13)	NA	ND(0.13)	ND(0.11)	ND(0.14)
Styrene	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
Tetrachloroethene	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
Toluene	ND(0.0065)	0.0015 J	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
trans-1,2-Dichloroethene	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
trans-1,3-Dichloropropene	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
trans-1,4-Dichloro-2-butene	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
Trichloroethene	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
Trichlorofluoromethane	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
Vinyl Acetate	ND(0.013)	ND(0.012)	ND(0.013)	NA	ND(0.013)	ND(0.011)	ND(0.014)
Vinyl Chloride	ND(0.0065)	ND(0.0062)	ND(0.0063)	NA	ND(0.0063)	ND(0.0056)	ND(0.0069)
Xylenes (total)	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
1,2,4-Trichlorobenzene	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
1,2-Dichlorobenzene	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
1,2-Diphenylhydrazine	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
1,3,5-Trinitrobenzene	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
1,3-Dichlorobenzene	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
1,3-Dinitrobenzene	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
1,4-Dichlorobenzene	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
1,4-Naphthoquinone	ND(2.2)	ND(2.1)	NA	ND(2.1)	NA	ND(1.9)	NA
1-Naphthylamine	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13
	Sample ID:	J9-23-13-G-2	J9-23-13-H-2	J9-23-13-H-2	J9-23-13-H-2	J9-23-13-H-2	J9-23-13-I-5	J9-23-13-J-2
	Sample Depth(Feet):	0-1	1-3	1-3	3-6	4-6	0-1	6-8
	Date Collected:	03/08/01	03/08/01	04/10/01	03/08/01	03/08/01	03/02/01	03/07/01
Semivolatile Organics (continued)								
2,3,4,6-Tetrachlorophenol		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
2,4,5-Trichlorophenol		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
2,4,6-Trichlorophenol		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
2,4-Dichlorophenol		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
2,4-Dimethylphenol		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
2,4-Dinitrophenol		ND(2.2)	ND(2.1)	NA	ND(2.1)	NA	ND(1.9)	NA
2,4-Dinitrotoluene		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
2,6-Dichlorophenol		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
2,6-Dinitrotoluene		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
2-Acetylaminofluorene		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
2-Chloronaphthalene		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
2-Chlorophenol		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
2-Methylnaphthalene		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
2-Methylphenol		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
2-Naphthylamine		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
2-Nitroaniline		ND(2.2)	ND(2.1)	NA	ND(2.1)	NA	ND(1.9)	NA
2-Nitrophenol		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
2-Picoline		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
3&4-Methylphenol		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
3,3'-Dichlorobenzidine		R	R	NA	R	NA	ND(0.37)	NA
3,3'-Dimethylbenzidine		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
3-Methylcholanthrene		ND(0.43)	ND(0.41) J	NA	ND(0.42)	NA	ND(0.37)	NA
3-Nitroaniline		ND(2.2)	ND(2.1)	NA	ND(2.1)	NA	ND(1.9)	NA
4,6-Dinitro-2-methylphenol		ND(2.2)	ND(2.1)	NA	ND(2.1)	NA	ND(1.9)	NA
4-Aminobiphenyl		ND(2.2)	ND(2.1)	NA	ND(2.1)	NA	ND(1.9)	NA
4-Bromophenyl-phenylether		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
4-Chloro-3-Methylphenol		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
4-Chloroaniline		R	R	NA	R	NA	ND(0.37)	NA
4-Chlorobenzilate		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
4-Chlorophenyl-phenylether		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
4-Nitroaniline		ND(2.2)	ND(2.1)	NA	ND(2.1)	NA	ND(1.9)	NA
4-Nitrophenol		ND(2.2)	ND(2.1)	NA	ND(2.1)	NA	ND(1.9)	NA
4-Nitroquinoline-1-oxide		ND(2.2)	ND(2.1)	NA	ND(2.1)	NA	ND(1.9)	NA
4-Phenylenediamine		ND(2.2) J	ND(2.1) J	NA	ND(2.1) J	NA	ND(1.9)	NA
5-Nitro-o-toluidine		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
7,12-Dimethylbenz(a)anthracene		ND(0.43)	ND(0.41) J	NA	ND(0.42)	NA	ND(0.37)	NA
a,a'-Dimethylphenethylamine		ND(2.2)	ND(2.1)	NA	ND(2.1)	NA	ND(1.9)	NA
Acenaphthene		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Acenaphthylene		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	0.088 J	NA
Acetophenone		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Aniline		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Anthracene		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	0.067 J	NA
Aramite		ND(2.2)	ND(2.1)	NA	ND(2.1)	NA	ND(1.9)	NA
Benzidine		ND(4.3) J	ND(4.1) J	NA	ND(4.2) J	NA	ND(3.7) J	NA
Benzo(a)anthracene		0.063 J	ND(0.41)	NA	ND(0.42)	NA	0.045 J	NA
Benzo(a)pyrene		0.084 J	0.13 J	NA	ND(0.42)	NA	0.058 J	NA
Benzo(b)fluoranthene		0.087 J	0.10 J	NA	ND(0.42)	NA	0.065 J	NA
Benzo(g,h,i)perylene		0.078 J	ND(0.41) J	NA	ND(0.42)	NA	0.12 J	NA
Benzo(k)fluoranthene		0.066 J	0.11 J	NA	ND(0.42)	NA	0.047 J	NA
Benzyl Alcohol		ND(2.2)	ND(2.1)	NA	ND(2.1)	NA	ND(1.9)	NA
bis(2-Chloroethoxy)methane		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
bis(2-Chloroethyl)ether		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
bis(2-Chloroisopropyl)ether		ND(0.43) J	ND(0.41) J	NA	ND(0.42) J	NA	ND(0.37)	NA
bis(2-Ethylhexyl)phthalate		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Butylbenzylphthalate		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Chrysene		0.088 J	0.053 J	NA	ND(0.42)	NA	0.063 J	NA
Diallate		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Dibenzo(a,h)anthracene		ND(0.43)	ND(0.41) J	NA	ND(0.42)	NA	ND(0.37)	NA
Dibenzofuran		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Diethylphthalate		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Dimethoate		NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Di-n-Butylphthalate		0.074 J	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Di-n-Octylphthalate		ND(0.43)	ND(0.41) J	NA	ND(0.42)	NA	ND(0.37)	NA
Diphenylamine		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Disulfoton		NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate		ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Ethyl Parathion		NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13
Sample ID:	J9-23-13-G-2	J9-23-13-H-2	J9-23-13-H-2	J9-23-13-H-2	J9-23-13-H-2	J9-23-13-I-5	J9-23-13-J-2
Sample Depth(Feet):	0-1	1-3	1-3	3-6	4-6	0-1	6-8
Parameter Date Collected:	03/08/01	03/08/01	04/10/01	03/08/01	03/08/01	03/02/01	03/07/01
Semivolatile Organics (continued)							
Fluoranthene	0.12 J	0.073 J	NA	ND(0.42)	NA	0.077 J	NA
Fluorene	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Hexachlorobenzene	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Hexachlorobutadiene	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Hexachlorocyclopentadiene	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Hexachloroethane	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Hexachlorophene	ND(0.65) J	ND(0.62) J	NA	ND(0.63) J	NA	ND(0.56) J	NA
Hexachloropropene	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Indeno(1,2,3-cd)pyrene	0.068 J	ND(0.41) J	NA	ND(0.42)	NA	0.072 J	NA
Isodrin	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Isophorone	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Isosafrole	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Methapyrilene	ND(2.2)	ND(2.1)	NA	ND(2.1)	NA	ND(1.9)	NA
Methyl Methanesulfonate	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Nitrobenzene	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
N-Nitrosodiethylamine	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
N-Nitrosodimethylamine	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
N-Nitroso-di-n-butylamine	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
N-Nitroso-di-n-propylamine	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
N-Nitrosodiphenylamine	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
N-Nitrosomethylethylamine	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
N-Nitrosomorpholine	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
N-Nitrosopiperidine	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
N-Nitrosopyrrolidine	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
o,o,o-Triethylphosphorothioate	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
o-Toluidine	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
p-Dimethylaminoazobenzene	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Pentachlorobenzene	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Pentachloroethane	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Pentachloronitrobenzene	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Pentachlorophenol	ND(2.2)	ND(2.1)	NA	ND(2.1)	NA	ND(1.9)	NA
Phenacetin	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Phenanthrene	0.061 J	0.045 J	NA	ND(0.42)	NA	ND(0.37)	NA
Phenol	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Phorate	NA	NA	NA	NA	NA	NA	NA
Pronamide	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Pyrene	0.12 J	0.069 J	NA	ND(0.42)	NA	0.086 J	NA
Pyridine	ND(2.2)	ND(2.1)	NA	ND(2.1)	NA	ND(1.9)	NA
Safrole	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Sulfotep	NA	NA	NA	NA	NA	NA	NA
Thionazin	ND(0.43)	ND(0.41)	NA	ND(0.42)	NA	ND(0.37)	NA
Organochlorine Pesticides							
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13
Sample ID:	J9-23-13-G-2	J9-23-13-H-2	J9-23-13-H-2	J9-23-13-H-2	J9-23-13-H-2	J9-23-13-I-5	J9-23-13-J-2
Sample Depth(Feet):	0-1	1-3	1-3	3-6	4-6	0-1	6-8
Parameter Date Collected:	03/08/01	03/08/01	04/10/01	03/08/01	03/08/01	03/02/01	03/07/01
Herbicides							
2,4,5-T	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	0.000063	0.000020	NA	ND(0.00000024)	NA	0.000036	NA
TCDFs (total)	0.00034	0.00011	NA	ND(0.00000024)	NA	0.00023	NA
1,2,3,7,8-PeCDF	0.000013	0.0000044	NA	ND(0.00000014)	NA	0.000018	NA
2,3,4,7,8-PeCDF	0.000016	0.0000048	NA	ND(0.00000014)	NA	0.000012	NA
PeCDFs (total)	0.00025	0.000055	NA	ND(0.00000014)	NA	0.00027	NA
1,2,3,4,7,8-HxCDF	0.000031	0.0000090	NA	ND(0.00000019)	NA	0.000030	NA
1,2,3,6,7,8-HxCDF	0.000016	0.0000047	NA	ND(0.00000022)	NA	0.000017	NA
1,2,3,7,8,9-HxCDF	0.0000035	ND(0.00000086)	NA	ND(0.00000025)	NA	0.0000036	NA
2,3,4,6,7,8-HxCDF	0.000013	0.0000034	NA	ND(0.00000022)	NA	0.000014	NA
HxCDFs (total)	0.00035	0.000092	NA	ND(0.00000022)	NA	0.00022	NA
1,2,3,4,6,7,8-HpCDF	0.000041	0.000015	NA	ND(0.00000038)	NA	0.000052	NA
1,2,3,4,7,8,9-HpCDF	0.0000062	0.0000024 J	NA	ND(0.00000048)	NA	0.0000069	NA
HpCDFs (total)	0.00011	0.000037	NA	ND(0.00000038)	NA	0.00013	NA
OCDF	0.000029	ND(0.0000097) X	NA	ND(0.00000099)	NA	0.000088	NA
Dioxins							
2,3,7,8-TCDD	ND(0.00000021)	0.0000018	NA	ND(0.00000039)	NA	ND(0.00000029)	NA
TCDDs (total)	0.0000021	0.0000018	NA	ND(0.00000039)	NA	0.0000046	NA
1,2,3,7,8-PeCDD	ND(0.00000020)	ND(0.00000021)	NA	ND(0.00000026)	NA	0.0000032	NA
PeCDDs (total)	ND(0.00000020)	ND(0.00000021)	NA	ND(0.00000026)	NA	0.000021	NA
1,2,3,4,7,8-HxCDD	ND(0.00000027)	ND(0.00000021)	NA	ND(0.00000023)	NA	0.0000028	NA
1,2,3,6,7,8-HxCDD	0.0000017 J	ND(0.00000024)	NA	ND(0.00000026)	NA	0.0000084	NA
1,2,3,7,8,9-HxCDD	0.0000019 J	ND(0.00000022)	NA	ND(0.00000024)	NA	0.000011	NA
HxCDDs (total)	0.000019	0.0000053	NA	ND(0.00000026)	NA	0.000077	NA
1,2,3,4,6,7,8-HpCDD	0.000015	0.0000062	NA	ND(0.00000041)	NA	0.00015	NA
HpCDDs (total)	0.000034	0.000013	NA	ND(0.00000041)	NA	0.00030	NA
OCDD	0.000066	0.000034	NA	0.0000029 J	NA	0.00084	NA
Total TEQs (WHO TEFs)	0.000023	0.0000085	NA	0.00000046	NA	0.000025	NA
Inorganics							
Antimony	2.00	1.70	NA	ND(1.20)	NA	ND(1.00)	NA
Arsenic	10.5 J	5.20 J	NA	3.50 J	NA	5.00	NA
Barium	40.9 J	31.4 J	NA	34.8 J	NA	33.6	NA
Beryllium	ND(0.0300)	ND(0.0200)	NA	ND(0.0300)	NA	ND(0.0200)	NA
Cadmium	0.440 B	0.370 B	NA	0.320 B	NA	0.440 B	NA
Chromium	8.70 J	9.40 J	NA	10.5 J	NA	56.1	NA
Cobalt	5.90 B	7.40	NA	11.5	NA	9.00	NA
Copper	22.6	15.0	NA	24.3	NA	131	NA
Cyanide	ND(1.31)	ND(1.25)	NA	ND(1.26)	NA	ND(1.12)	NA
Lead	50.4	26.1	NA	10.3	NA	59.0	NA
Mercury	0.160	0.240	NA	0.0100 B	NA	0.0400	NA
Nickel	10.9 J	13.1 J	NA	19.5 J	NA	33.7	NA
Selenium	0.490 B	ND(0.420)	NA	ND(0.240)	NA	0.340 B	NA
Silver	0.730 B	0.580 B	NA	0.760 B	NA	0.830 B	NA
Sulfide	ND(26.1)	24.9	NA	ND(25.2)	NA	ND(22.3)	NA
Thallium	0.200 B	0.370 B	NA	0.340 B	NA	ND(0.150)	NA
Tin	ND(6.00)	ND(5.70)	NA	ND(5.50)	NA	10.2 B	NA
Vanadium	11.2	10.4	NA	10.8	NA	9.20	NA
Zinc	56.7	51.4	NA	61.6	NA	77.2	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13
Sample ID:	J9-23-13-J-2	J9-23-13-J-3	J9-23-13-J-4	J9-23-13-J-4	J9-23-13-MM-6BBL	J9-23-13-MM-13	J9-23-13-MM-14
Sample Depth(Feet):	6-15	0-1	6-15	10-12	0-1	1-3	0-1
Parameter Date Collected:	03/07/01	03/02/01	03/07/01	03/07/01	09/18/02	09/18/02	09/18/02
Volatile Organics							
1,1,1,2-Tetrachloroethane	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
1,1,1-Trichloroethane	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
1,1,2-Trichloroethane	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
1,1-Dichloroethane	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
1,1-Dichloroethene	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
1,2,3-Trichloropropane	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
1,2-Dibromo-3-chloropropane	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
1,2-Dibromoethane	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
1,2-Dichloroethane	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
1,2-Dichloropropane	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
1,4-Dioxane	NA	ND(1.3) J	NA	ND(1.0) J	NA	NA	NA
2-Butanone	NA	ND(0.013)	NA	ND(0.010)	NA	NA	NA
2-Chloro-1,3-butadiene	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
2-Chloroethylvinylether	NA	ND(0.013)	NA	ND(0.010)	NA	NA	NA
2-Hexanone	NA	ND(0.013)	NA	ND(0.010)	NA	NA	NA
3-Chloropropene	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
4-Methyl-2-pentanone	NA	ND(0.013)	NA	ND(0.010)	NA	NA	NA
Acetone	NA	ND(0.026)	NA	ND(0.021)	NA	NA	NA
Acetonitrile	NA	ND(0.13) J	NA	ND(0.10) J	NA	NA	NA
Acrolein	NA	ND(0.13)	NA	ND(0.10) J	NA	NA	NA
Acrylonitrile	NA	ND(0.13)	NA	ND(0.10)	NA	NA	NA
Benzene	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
Bromodichloromethane	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
Bromoform	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
Bromomethane	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
Carbon Disulfide	NA	ND(0.013)	NA	ND(0.010)	NA	NA	NA
Carbon Tetrachloride	NA	ND(0.0065) J	NA	ND(0.0052) J	NA	NA	NA
Chlorobenzene	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
Chloroethane	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
Chloroform	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
Chloromethane	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
cis-1,3-Dichloropropene	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
Dibromochloromethane	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
Dibromomethane	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
Dichlorodifluoromethane	NA	ND(0.0065) J	NA	ND(0.0052) J	NA	NA	NA
Ethyl Methacrylate	NA	ND(0.013)	NA	ND(0.010)	NA	NA	NA
Ethylbenzene	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
Iodomethane	NA	ND(0.013)	NA	ND(0.010)	NA	NA	NA
Isobutanol	NA	ND(0.26) J	NA	ND(0.21) J	NA	NA	NA
m&p-Xylene	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
Methacrylonitrile	NA	ND(0.13)	NA	ND(0.10)	NA	NA	NA
Methyl Methacrylate	NA	ND(0.013)	NA	ND(0.010)	NA	NA	NA
Methylene Chloride	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
o-Xylene	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
Propionitrile	NA	ND(0.13)	NA	ND(0.10)	NA	NA	NA
Styrene	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
Tetrachloroethene	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
Toluene	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
trans-1,2-Dichloroethene	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
trans-1,3-Dichloropropene	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
trans-1,4-Dichloro-2-butene	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
Trichloroethene	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
Trichlorofluoromethane	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
Vinyl Acetate	NA	ND(0.013)	NA	ND(0.010)	NA	NA	NA
Vinyl Chloride	NA	ND(0.0065)	NA	ND(0.0052)	NA	NA	NA
Xylenes (total)	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
1,2-Dichlorobenzene	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
1,2-Diphenylhydrazine	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
1,3,5-Trinitrobenzene	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
1,3-Dichlorobenzene	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
1,3-Dinitrobenzene	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
1,4-Dichlorobenzene	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
1,4-Naphthoquinone	ND(1.9)	ND(2.2)	ND(1.9)	NA	NA	NA	NA
1-Naphthylamine	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	J9-23-13 J9-23-13-J-2 6-15 03/07/01	J9-23-13 J9-23-13-J-3 0-1 03/02/01	J9-23-13 J9-23-13-J-4 6-15 03/07/01	J9-23-13 J9-23-13-J-4 10-12 03/07/01	J9-23-13 J9-23-13-MM-6BBL 0-1 09/18/02	J9-23-13 J9-23-13-MM-13 1-3 09/18/02	J9-23-13 J9-23-13-MM-14 0-1 09/18/02
Semivolatile Organics (continued)							
2,3,4,6-Tetrachlorophenol	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
2,4,5-Trichlorophenol	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
2,4,6-Trichlorophenol	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
2,4-Dichlorophenol	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
2,4-Dimethylphenol	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
2,4-Dinitrophenol	ND(1.9)	ND(2.2)	ND(1.9)	NA	NA	NA	NA
2,4-Dinitrotoluene	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
2,6-Dichlorophenol	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
2,6-Dinitrotoluene	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
2-Acetylaminofluorene	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
2-Chloronaphthalene	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
2-Chlorophenol	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
2-Methylnaphthalene	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
2-Methylphenol	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
2-Naphthylamine	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
2-Nitroaniline	ND(1.9)	ND(2.2)	ND(1.9)	NA	NA	NA	NA
2-Nitrophenol	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
2-Picoline	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
3&4-Methylphenol	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
3,3'-Dichlorobenzidine	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
3,3'-Dimethylbenzidine	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
3-Methylcholanthrene	ND(0.37)	ND(0.43)	R	NA	NA	NA	NA
3-Nitroaniline	ND(1.9)	ND(2.2)	ND(1.9)	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	ND(1.9)	ND(2.2)	ND(1.9)	NA	NA	NA	NA
4-Aminobiphenyl	ND(1.9)	ND(2.2)	ND(1.9)	NA	NA	NA	NA
4-Bromophenyl-phenylether	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
4-Chloro-3-Methylphenol	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
4-Chloroaniline	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
4-Chlorobenzilate	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
4-Chlorophenyl-phenylether	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
4-Nitroaniline	ND(1.9)	ND(2.2)	ND(1.9)	NA	NA	NA	NA
4-Nitrophenol	ND(1.9)	ND(2.2)	ND(1.9)	NA	NA	NA	NA
4-Nitroquinoline-1-oxide	ND(1.9) J	ND(2.2)	ND(1.9) J	NA	NA	NA	NA
4-Phenylenediamine	ND(1.9)	ND(2.2)	ND(1.9)	NA	NA	NA	NA
5-Nitro-o-toluidine	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene	ND(0.37)	ND(0.43)	R	NA	NA	NA	NA
a,a'-Dimethylphenethylamine	ND(1.9)	ND(2.2)	ND(1.9)	NA	NA	NA	NA
Acenaphthene	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Acenaphthylene	ND(0.37)	0.096 J	ND(0.37)	NA	NA	NA	NA
Acetophenone	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Aniline	ND(0.37) J	0.067 J	ND(0.37) J	NA	NA	NA	NA
Anthracene	ND(0.37)	0.082 J	ND(0.37)	NA	NA	NA	NA
Aramite	ND(1.9)	ND(2.2)	ND(1.9)	NA	NA	NA	NA
Benzidine	ND(3.7) J	ND(4.3) J	ND(3.7) J	NA	NA	NA	NA
Benzo(a)anthracene	ND(0.37)	0.22 J	ND(0.37)	NA	NA	NA	NA
Benzo(a)pyrene	ND(0.37)	0.27 J	R	NA	NA	NA	NA
Benzo(b)fluoranthene	ND(0.37)	0.26 J	R	NA	NA	NA	NA
Benzo(g,h,i)perylene	ND(0.37)	0.22 J	R	NA	NA	NA	NA
Benzo(k)fluoranthene	ND(0.37)	0.21 J	R	NA	NA	NA	NA
Benzyl Alcohol	ND(1.9)	ND(2.2)	ND(1.9)	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
bis(2-Chloroethyl)ether	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	ND(0.37) J	ND(0.43)	ND(0.37) J	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Butylbenzylphthalate	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Chrysene	ND(0.37)	0.30 J	ND(0.37)	NA	NA	NA	NA
Diallate	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Dibenzo(a,h)anthracene	ND(0.37)	0.095 J	R	NA	NA	NA	NA
Dibenzofuran	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Diethylphthalate	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Dimethoate	NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Di-n-Butylphthalate	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Di-n-Octylphthalate	0.13 J	ND(0.43)	R	NA	NA	NA	NA
Diphenylamine	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Disulfoton	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13
Sample ID:	J9-23-13-J-2	J9-23-13-J-3	J9-23-13-J-4	J9-23-13-J-4	J9-23-13-MM-6BBL	J9-23-13-MM-13	J9-23-13-MM-14
Sample Depth(Feet):	6-15	0-1	6-15	10-12	0-1	1-3	0-1
Parameter Date Collected:	03/07/01	03/02/01	03/07/01	03/07/01	09/18/02	09/18/02	09/18/02
Semivolatile Organics (continued)							
Fluoranthene	ND(0.37)	0.50	ND(0.37)	NA	NA	NA	NA
Fluorene	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Hexachlorobenzene	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Hexachlorobutadiene	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Hexachlorocyclopentadiene	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Hexachloroethane	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Hexachlorophene	ND(0.56) J	ND(0.65) J	ND(0.56) J	NA	NA	NA	NA
Hexachloropropene	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	ND(0.37) J	0.19 J	R	NA	NA	NA	NA
Isodrin	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Isophorone	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Isosafrole	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Methapyrilene	ND(1.9)	ND(2.2)	ND(1.9)	NA	NA	NA	NA
Methyl Methanesulfonate	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Nitrobenzene	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
N-Nitrosodiethylamine	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
N-Nitrosodimethylamine	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
N-Nitroso-di-n-butylamine	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
N-Nitrosodiphenylamine	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
N-Nitrosomethylethylamine	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
N-Nitrosomorpholine	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
N-Nitrosopiperidine	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
N-Nitrosopyrrolidine	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
o,o,o-Triethylphosphorothioate	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
o-Toluidine	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
p-Dimethylaminoazobenzene	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Pentachlorobenzene	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Pentachloroethane	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Pentachloronitrobenzene	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Pentachlorophenol	ND(1.9)	ND(2.2)	ND(1.9)	NA	NA	NA	NA
Phenacetin	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Phenanthrene	ND(0.37)	0.24 J	ND(0.37)	NA	NA	NA	NA
Phenol	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA	NA
Pronamide	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Pyrene	ND(0.37)	0.43 J	ND(0.37)	NA	NA	NA	NA
Pyridine	ND(1.9)	ND(2.2)	ND(1.9)	NA	NA	NA	NA
Safrole	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA	NA
Thionazin	ND(0.37)	ND(0.43)	ND(0.37)	NA	NA	NA	NA
Organochlorine Pesticides							
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	J9-23-13 / J9-23-13-J-2 / 6-15 / 03/07/01	J9-23-13 / J9-23-13-J-3 / 0-1 / 03/02/01	J9-23-13 / J9-23-13-J-4 / 6-15 / 03/07/01	J9-23-13 / J9-23-13-J-4 / 10-12 / 03/07/01	J9-23-13 / J9-23-13-MM-6BBL / 0-1 / 09/18/02	J9-23-13 / J9-23-13-MM-13 / 1-3 / 09/18/02	J9-23-13 / J9-23-13-MM-14 / 0-1 / 09/18/02
Herbicides							
2,4,5-T	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	ND(0.00000056)	0.000035	ND(0.00000026)	NA	NA	NA	NA
TCDFs (total)	ND(0.00000056)	0.00019	ND(0.00000026)	NA	NA	NA	NA
1,2,3,7,8-PeCDF	ND(0.00000030)	0.0000087	ND(0.00000018)	NA	NA	NA	NA
2,3,4,7,8-PeCDF	ND(0.00000030)	0.0000090	ND(0.00000018)	NA	NA	NA	NA
PeCDFs (total)	ND(0.00000030)	0.00016	ND(0.00000018)	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	ND(0.00000029)	0.000017	ND(0.00000012)	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.00000034)	0.000011	ND(0.00000014)	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.00000038)	0.0000016 J	ND(0.00000016)	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	ND(0.00000035)	0.0000060	ND(0.00000014)	NA	NA	NA	NA
HxCDFs (total)	ND(0.00000034)	0.00018	ND(0.00000014)	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	ND(0.00000026)	0.000032	ND(0.00000012)	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000033)	0.0000042	ND(0.00000015)	NA	NA	NA	NA
HpCDFs (total)	ND(0.00000026)	0.000076	ND(0.00000012)	NA	NA	NA	NA
OCDF	ND(0.00000084)	0.000027	ND(0.00000031)	NA	NA	NA	NA
Dioxins							
2,3,7,8-TCDD	ND(0.00000041)	ND(0.00000029)	ND(0.00000025)	NA	NA	NA	NA
TCDDs (total)	ND(0.00000041)	0.0000042	ND(0.00000025)	NA	NA	NA	NA
1,2,3,7,8-PeCDD	ND(0.00000029)	ND(0.00000035)	ND(0.00000021)	NA	NA	NA	NA
PeCDDs (total)	ND(0.00000029)	ND(0.00000035)	ND(0.00000021)	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	ND(0.00000020)	ND(0.00000019)	ND(0.00000017)	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.00000023)	0.0000018 J	ND(0.00000020)	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.00000021)	0.0000011 J	ND(0.00000018)	NA	NA	NA	NA
HxCDDs (total)	ND(0.00000023)	0.000014	ND(0.00000020)	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	0.00000055 J	0.000024	ND(0.00000022)	NA	NA	NA	NA
HpCDDs (total)	0.0000011	0.000063	ND(0.00000022)	NA	NA	NA	NA
OCDD	ND(0.0000019) JX	0.00015	ND(0.0000015) JX	NA	NA	NA	NA
Total TEQs (WHO TEFs)	0.00000056	0.000013	0.00000035	NA	NA	NA	NA
Inorganics							
Antimony	ND(1.00)	2.70 B	ND(1.00)	NA	NA	NA	NA
Arsenic	4.50 J	6.90	8.90 J	NA	NA	NA	NA
Barium	35.3 J	48.6	64.5 J	NA	NA	NA	NA
Beryllium	ND(0.0200)	ND(0.0300)	ND(0.0200)	NA	NA	NA	NA
Cadmium	0.350 B	0.510 B	0.360 B	NA	NA	NA	NA
Chromium	9.50 J	10.6	10.0 J	NA	NA	NA	NA
Cobalt	12.3	10.1	14.4	NA	NA	NA	NA
Copper	30.1	24.6	32.7	NA	NA	NA	NA
Cyanide	ND(1.12)	ND(1.31)	ND(1.12)	NA	NA	NA	NA
Lead	12.8	49.4	12.7	NA	1400	670	330
Mercury	ND(0.00400)	0.160	ND(0.00400)	NA	NA	NA	NA
Nickel	22.2 J	19.0	22.6 J	NA	NA	NA	NA
Selenium	ND(0.230)	0.510 B	ND(0.210)	NA	NA	NA	NA
Silver	0.840 B	0.440 B	0.840 B	NA	NA	NA	NA
Sulfide	ND(22.3)	ND(26.2)	ND(22.5)	NA	NA	NA	NA
Thallium	0.210 B	ND(0.180)	ND(0.160)	NA	NA	NA	NA
Tin	ND(5.70)	3.70 B	ND(4.90)	NA	NA	NA	NA
Vanadium	8.30	15.2	6.80	NA	NA	NA	NA
Zinc	58.0	73.7	62.3	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	Parcel ID:	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-16	J9-23-16
	Sample ID:	J9-23-13-MM-14	J9-23-13-MM-15	J9-23-13-MM-15	J9-23-13-MM-16	J9-23-13-MM-SS-1	J9-23-16-D-6	J9-23-16-D-6
	Sample Depth(Feet):	1-3	0-1	1-3	1-3	0-1	1-3	3-6
Parameter	Date Collected:	09/18/02	09/18/02	09/18/02	09/18/02	03/02/01	01/24/01	09/16/02
Volatile Organics								
1,1,1,2-Tetrachloroethane		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
1,1,1-Trichloroethane		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
1,1,2,2-Tetrachloroethane		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
1,1,2-Trichloroethane		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
1,1-Dichloroethane		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
1,1-Dichloroethene		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
1,2,3-Trichloropropane		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
1,2-Dibromo-3-chloropropane		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
1,2-Dibromoethane		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
1,2-Dichloroethane		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
1,2-Dichloropropane		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
1,4-Dioxane		NA	NA	NA	NA	ND(1.1) J	ND(1.1) J	NA
2-Butanone		NA	NA	NA	NA	ND(0.011)	ND(0.011)	NA
2-Chloro-1,3-butadiene		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
2-Chloroethylvinylether		NA	NA	NA	NA	ND(0.011)	ND(0.011)	NA
2-Hexanone		NA	NA	NA	NA	ND(0.011)	ND(0.011)	NA
3-Chloropropene		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
4-Methyl-2-pentanone		NA	NA	NA	NA	ND(0.011)	ND(0.011)	NA
Acetone		NA	NA	NA	NA	0.014 J	0.0047 J	NA
Acetonitrile		NA	NA	NA	NA	ND(0.11) J	ND(0.11) J	NA
Acrolein		NA	NA	NA	NA	ND(0.11) J	ND(0.11)	NA
Acrylonitrile		NA	NA	NA	NA	ND(0.11)	ND(0.11)	NA
Benzene		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
Bromodichloromethane		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
Bromoform		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
Bromomethane		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
Carbon Disulfide		NA	NA	NA	NA	ND(0.011)	ND(0.011)	NA
Carbon Tetrachloride		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
Chlorobenzene		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
Chloroethane		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
Chloroform		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
Chloromethane		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
cis-1,3-Dichloropropene		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
Dibromochloromethane		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
Dibromomethane		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
Dichlorodifluoromethane		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
Ethyl Methacrylate		NA	NA	NA	NA	ND(0.011)	ND(0.011)	NA
Ethylbenzene		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
Iodomethane		NA	NA	NA	NA	ND(0.011)	ND(0.011)	NA
Isobutanol		NA	NA	NA	NA	ND(0.22) J	ND(0.23) J	NA
m&p-Xylene		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
Methacrylonitrile		NA	NA	NA	NA	ND(0.11)	ND(0.11)	NA
Methyl Methacrylate		NA	NA	NA	NA	ND(0.011)	ND(0.011)	NA
Methylene Chloride		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
o-Xylene		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
Propionitrile		NA	NA	NA	NA	ND(0.11)	ND(0.11)	NA
Styrene		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
Tetrachloroethene		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
Toluene		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
trans-1,2-Dichloroethene		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
trans-1,3-Dichloropropene		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
trans-1,4-Dichloro-2-butene		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
Trichloroethene		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
Trichlorofluoromethane		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
Vinyl Acetate		NA	NA	NA	NA	ND(0.011)	ND(0.011)	NA
Vinyl Chloride		NA	NA	NA	NA	ND(0.0055)	ND(0.0057)	NA
Xylenes (total)		NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics								
1,2,4,5-Tetrachlorobenzene		NA	NA	NA	NA	NA	2.9	NA
1,2,4-Trichlorobenzene		NA	NA	NA	NA	NA	0.51 J	NA
1,2-Dichlorobenzene		NA	NA	NA	NA	NA	ND(0.75)	NA
1,2-Diphenylhydrazine		NA	NA	NA	NA	NA	ND(0.75)	NA
1,3,5-Trinitrobenzene		NA	NA	NA	NA	NA	ND(0.75)	NA
1,3-Dichlorobenzene		NA	NA	NA	NA	NA	ND(0.75)	NA
1,3-Dinitrobenzene		NA	NA	NA	NA	NA	ND(0.75)	NA
1,4-Dichlorobenzene		NA	NA	NA	NA	NA	ND(0.75)	NA
1,4-Naphthoquinone		NA	NA	NA	NA	NA	ND(3.9)	NA
1-Naphthylamine		NA	NA	NA	NA	NA	ND(0.75)	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-16	J9-23-16
Sample ID:	J9-23-13-MM-14	J9-23-13-MM-15	J9-23-13-MM-15	J9-23-13-MM-16	J9-23-13-MM-SS-1	J9-23-16-D-6	J9-23-16-D-6
Sample Depth(Feet):	1-3	0-1	1-3	1-3	0-1	1-3	3-6
Parameter Date Collected:	09/18/02	09/18/02	09/18/02	09/18/02	03/02/01	01/24/01	09/16/02
Semivolatile Organics (continued)							
2,3,4,6-Tetrachlorophenol	NA	NA	NA	NA	NA	ND(0.75)	NA
2,4,5-Trichlorophenol	NA	NA	NA	NA	NA	ND(0.75)	NA
2,4,6-Trichlorophenol	NA	NA	NA	NA	NA	ND(0.75)	NA
2,4-Dichlorophenol	NA	NA	NA	NA	NA	ND(0.75)	NA
2,4-Dimethylphenol	NA	NA	NA	NA	NA	0.35 J	NA
2,4-Dinitrophenol	NA	NA	NA	NA	NA	ND(3.9)	NA
2,4-Dinitrotoluene	NA	NA	NA	NA	NA	ND(0.75)	NA
2,6-Dichlorophenol	NA	NA	NA	NA	NA	ND(0.75)	NA
2,6-Dinitrotoluene	NA	NA	NA	NA	NA	ND(0.75)	NA
2-Acetylaminofluorene	NA	NA	NA	NA	NA	ND(0.75)	NA
2-Chloronaphthalene	NA	NA	NA	NA	NA	ND(0.75)	NA
2-Chlorophenol	NA	NA	NA	NA	NA	ND(0.75)	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA	0.099 J	NA
2-Methylphenol	NA	NA	NA	NA	NA	0.11 J	NA
2-Naphthylamine	NA	NA	NA	NA	NA	ND(0.75)	NA
2-Nitroaniline	NA	NA	NA	NA	NA	ND(3.9)	NA
2-Nitrophenol	NA	NA	NA	NA	NA	ND(0.75)	NA
2-Picoline	NA	NA	NA	NA	NA	ND(0.75)	NA
3&4-Methylphenol	NA	NA	NA	NA	NA	0.30 J	NA
3,3'-Dichlorobenzidine	NA	NA	NA	NA	NA	ND(0.75)	NA
3,3'-Dimethylbenzidine	NA	NA	NA	NA	NA	ND(0.75)	NA
3-Methylcholanthrene	NA	NA	NA	NA	NA	ND(0.75)	NA
3-Nitroaniline	NA	NA	NA	NA	NA	ND(3.9)	NA
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA	ND(3.9)	NA
4-Aminobiphenyl	NA	NA	NA	NA	NA	ND(3.9)	NA
4-Bromophenyl-phenylether	NA	NA	NA	NA	NA	ND(0.75)	NA
4-Chloro-3-Methylphenol	NA	NA	NA	NA	NA	ND(0.75)	NA
4-Chloroaniline	NA	NA	NA	NA	NA	ND(3.9)	NA
4-Chlorobenzilate	NA	NA	NA	NA	NA	ND(0.75)	NA
4-Chlorophenyl-phenylether	NA	NA	NA	NA	NA	ND(0.75)	NA
4-Nitroaniline	NA	NA	NA	NA	NA	ND(3.9)	NA
4-Nitrophenol	NA	NA	NA	NA	NA	ND(3.9)	NA
4-Nitroquinoline-1-oxide	NA	NA	NA	NA	NA	ND(3.9)	NA
4-Phenylenediamine	NA	NA	NA	NA	NA	ND(3.9)	NA
5-Nitro-o-toluidine	NA	NA	NA	NA	NA	ND(0.75)	NA
7,12-Dimethylbenz(a)anthracene	NA	NA	NA	NA	NA	ND(0.75)	NA
a,a'-Dimethylphenethylamine	NA	NA	NA	NA	NA	ND(3.9)	NA
Acenaphthene	NA	NA	NA	NA	NA	0.16 J	NA
Acenaphthylene	NA	NA	NA	NA	NA	0.17 J	NA
Acetophenone	NA	NA	NA	NA	NA	ND(0.75)	NA
Aniline	NA	NA	NA	NA	NA	0.47 J	NA
Anthracene	NA	NA	NA	NA	NA	0.67 J	NA
Aramite	NA	NA	NA	NA	NA	ND(3.9)	NA
Benzidine	NA	NA	NA	NA	NA	ND(7.5) J	NA
Benzo(a)anthracene	NA	NA	NA	NA	NA	2.9	NA
Benzo(a)pyrene	NA	NA	NA	NA	NA	3.4	NA
Benzo(b)fluoranthene	NA	NA	NA	NA	NA	3.2	NA
Benzo(g,h,i)perylene	NA	NA	NA	NA	NA	3.1	NA
Benzo(k)fluoranthene	NA	NA	NA	NA	NA	2.7	NA
Benzyl Alcohol	NA	NA	NA	NA	NA	ND(0.75)	NA
bis(2-Chloroethoxy)methane	NA	NA	NA	NA	NA	ND(0.75)	NA
bis(2-Chloroethyl)ether	NA	NA	NA	NA	NA	ND(0.75)	NA
bis(2-Chloroisopropyl)ether	NA	NA	NA	NA	NA	ND(0.75) J	NA
bis(2-Ethylhexyl)phthalate	NA	NA	NA	NA	NA	ND(0.75)	NA
Butylbenzylphthalate	NA	NA	NA	NA	NA	ND(0.75)	NA
Chrysene	NA	NA	NA	NA	NA	3.1	NA
Diallate	NA	NA	NA	NA	NA	ND(0.75)	NA
Dibenzo(a,h)anthracene	NA	NA	NA	NA	NA	1.0	NA
Dibenzofuran	NA	NA	NA	NA	NA	ND(0.75)	NA
Diethylphthalate	NA	NA	NA	NA	NA	ND(0.75)	NA
Dimethoate	NA	NA	NA	NA	NA	ND(3.9)	NA
Dimethylphthalate	NA	NA	NA	NA	NA	ND(0.75)	NA
Di-n-Butylphthalate	NA	NA	NA	NA	NA	0.28 J	NA
Di-n-Octylphthalate	NA	NA	NA	NA	NA	ND(0.75)	NA
Diphenylamine	NA	NA	NA	NA	NA	ND(0.75)	NA
Disulfoton	NA	NA	NA	NA	NA	ND(0.75)	NA
Ethyl Methanesulfonate	NA	NA	NA	NA	NA	ND(0.75)	NA
Ethyl Parathion	NA	NA	NA	NA	NA	ND(0.75)	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-16	J9-23-16
	Sample ID:	J9-23-13-MM-14	J9-23-13-MM-15	J9-23-13-MM-15	J9-23-13-MM-16	J9-23-13-MM-SS-1	J9-23-16-D-6	J9-23-16-D-6
	Sample Depth(Feet):	1-3	0-1	1-3	1-3	0-1	1-3	3-6
	Date Collected:	09/18/02	09/18/02	09/18/02	09/18/02	03/02/01	01/24/01	09/16/02
Semivolatile Organics (continued)								
Fluoranthene		NA	NA	NA	NA	NA	5.2	NA
Fluorene		NA	NA	NA	NA	NA	0.19 J	NA
Hexachlorobenzene		NA	NA	NA	NA	NA	ND(0.75)	NA
Hexachlorobutadiene		NA	NA	NA	NA	NA	ND(0.75)	NA
Hexachlorocyclopentadiene		NA	NA	NA	NA	NA	ND(0.75)	NA
Hexachloroethane		NA	NA	NA	NA	NA	ND(0.75)	NA
Hexachlorophene		NA	NA	NA	NA	NA	R	NA
Hexachloropropene		NA	NA	NA	NA	NA	ND(0.75)	NA
Indeno(1,2,3-cd)pyrene		NA	NA	NA	NA	NA	2.5	NA
Isodrin		NA	NA	NA	NA	NA	ND(0.75)	NA
Isophorone		NA	NA	NA	NA	NA	ND(0.75)	NA
Isosafrole		NA	NA	NA	NA	NA	ND(0.75)	NA
Methapyrilene		NA	NA	NA	NA	NA	ND(3.9)	NA
Methyl Methanesulfonate		NA	NA	NA	NA	NA	ND(0.75)	NA
Methyl Parathion		NA	NA	NA	NA	NA	ND(0.75)	NA
Naphthalene		NA	NA	NA	NA	NA	0.34 J	NA
Nitrobenzene		NA	NA	NA	NA	NA	ND(0.75)	NA
N-Nitrosodiethylamine		NA	NA	NA	NA	NA	ND(0.75)	NA
N-Nitrosodimethylamine		NA	NA	NA	NA	NA	ND(0.75)	NA
N-Nitroso-di-n-butylamine		NA	NA	NA	NA	NA	ND(0.75)	NA
N-Nitroso-di-n-propylamine		NA	NA	NA	NA	NA	ND(0.75)	NA
N-Nitrosodiphenylamine		NA	NA	NA	NA	NA	ND(0.75)	NA
N-Nitrosomethylethylamine		NA	NA	NA	NA	NA	ND(0.75)	NA
N-Nitrosomorpholine		NA	NA	NA	NA	NA	ND(0.75)	NA
N-Nitrosopiperidine		NA	NA	NA	NA	NA	ND(0.75)	NA
N-Nitrosopyrrolidine		NA	NA	NA	NA	NA	ND(0.75)	NA
o,o,o-Triethylphosphorothioate		NA	NA	NA	NA	NA	ND(0.75)	NA
o-Toluidine		NA	NA	NA	NA	NA	ND(0.75)	NA
p-Dimethylaminoazobenzene		NA	NA	NA	NA	NA	ND(0.75)	NA
Pentachlorobenzene		NA	NA	NA	NA	NA	0.45 J	NA
Pentachloroethane		NA	NA	NA	NA	NA	ND(0.75)	NA
Pentachloronitrobenzene		NA	NA	NA	NA	NA	ND(0.75)	NA
Pentachlorophenol		NA	NA	NA	NA	NA	ND(3.9)	NA
Phenacetin		NA	NA	NA	NA	NA	ND(0.75)	NA
Phenanthrene		NA	NA	NA	NA	NA	2.6	NA
Phenol		NA	NA	NA	NA	NA	0.25 J	NA
Phorate		NA	NA	NA	NA	NA	ND(0.75)	NA
Pronamide		NA	NA	NA	NA	NA	ND(0.75)	NA
Pyrene		NA	NA	NA	NA	NA	3.9	NA
Pyridine		NA	NA	NA	NA	NA	ND(3.9)	NA
Safrole		NA	NA	NA	NA	NA	ND(0.75)	NA
Sulfotep		NA	NA	NA	NA	NA	ND(0.75)	NA
Thionazin		NA	NA	NA	NA	NA	ND(0.75)	NA
Organochlorine Pesticides								
4,4'-DDD		NA	NA	NA	NA	NA	ND(0.0019)	NA
4,4'-DDE		NA	NA	NA	NA	NA	ND(0.0019)	NA
4,4'-DDT		NA	NA	NA	NA	NA	ND(0.0038)	NA
Aldrin		NA	NA	NA	NA	NA	ND(0.0019)	NA
Alpha-BHC		NA	NA	NA	NA	NA	ND(0.0019)	NA
Alpha-Chlordane		NA	NA	NA	NA	NA	ND(0.0019)	NA
Beta-BHC		NA	NA	NA	NA	NA	ND(0.0019)	NA
Delta-BHC		NA	NA	NA	NA	NA	ND(0.0019)	NA
Dieldrin		NA	NA	NA	NA	NA	ND(0.0019)	NA
Endosulfan I		NA	NA	NA	NA	NA	ND(0.0019)	NA
Endosulfan II		NA	NA	NA	NA	NA	ND(0.0038)	NA
Endosulfan Sulfate		NA	NA	NA	NA	NA	ND(0.0038)	NA
Endrin		NA	NA	NA	NA	NA	ND(0.0019)	NA
Endrin Aldehyde		NA	NA	NA	NA	NA	ND(0.0038)	NA
Endrin Ketone		NA	NA	NA	NA	NA	NA	NA
Famphur		NA	NA	NA	NA	NA	ND(0.0019)	NA
Gamma-BHC (Lindane)		NA	NA	NA	NA	NA	ND(0.0019)	NA
Gamma-Chlordane		NA	NA	NA	NA	NA	ND(0.0019)	NA
Heptachlor		NA	NA	NA	NA	NA	ND(0.0019)	NA
Heptachlor Epoxide		NA	NA	NA	NA	NA	ND(0.0019)	NA
Kepone		NA	NA	NA	NA	NA	ND(0.0019)	NA
Methoxychlor		NA	NA	NA	NA	NA	ND(0.0075)	NA
Technical Chlordane		NA	NA	NA	NA	NA	NA	NA
Toxaphene		NA	NA	NA	NA	NA	ND(0.038)	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	Parcel ID:	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-13	J9-23-16	J9-23-16
	Sample ID:	J9-23-13-MM-14	J9-23-13-MM-15	J9-23-13-MM-15	J9-23-13-MM-16	J9-23-13-MM-SS-1	J9-23-16-D-6	J9-23-16-D-6
	Sample Depth(Feet):	1-3	0-1	1-3	1-3	0-1	1-3	3-6
Parameter	Date Collected:	09/18/02	09/18/02	09/18/02	09/18/02	03/02/01	01/24/01	09/16/02
Herbicides								
2,4,5-T		NA	NA	NA	NA	NA	ND(1.1)	NA
2,4,5-TP		NA	NA	NA	NA	NA	ND(1.1)	NA
2,4-D		NA	NA	NA	NA	NA	ND(1.1)	NA
Dinoseb		NA	NA	NA	NA	NA	ND(0.091)	NA
Furans								
2,3,7,8-TCDF		NA	NA	NA	NA	NA	0.012 D	NA
TCDFs (total)		NA	NA	NA	NA	NA	0.055	NA
1,2,3,7,8-PeCDF		NA	NA	NA	NA	NA	0.0048 D	NA
2,3,4,7,8-PeCDF		NA	NA	NA	NA	NA	0.0054 D	NA
PeCDFs (total)		NA	NA	NA	NA	NA	0.035	NA
1,2,3,4,7,8-HxCDF		NA	NA	NA	NA	NA	0.016 D	NA
1,2,3,6,7,8-HxCDF		NA	NA	NA	NA	NA	0.0060 D	NA
1,2,3,7,8,9-HxCDF		NA	NA	NA	NA	NA	0.0015 D	NA
2,3,4,6,7,8-HxCDF		NA	NA	NA	NA	NA	0.0026 D	NA
HxCDFs (total)		NA	NA	NA	NA	NA	0.039	NA
1,2,3,4,6,7,8-HpCDF		NA	NA	NA	NA	NA	0.014 D	NA
1,2,3,4,7,8,9-HpCDF		NA	NA	NA	NA	NA	0.0034	NA
HpCDFs (total)		NA	NA	NA	NA	NA	0.019	NA
OCDF		NA	NA	NA	NA	NA	0.0088 D	NA
Dioxins								
2,3,7,8-TCDD		NA	NA	NA	NA	NA	0.000023	NA
TCDDs (total)		NA	NA	NA	NA	NA	0.00089	NA
1,2,3,7,8-PeCDD		NA	NA	NA	NA	NA	0.000084	NA
PeCDDs (total)		NA	NA	NA	NA	NA	0.0013	NA
1,2,3,4,7,8-HxCDD		NA	NA	NA	NA	NA	0.000065	NA
1,2,3,6,7,8-HxCDD		NA	NA	NA	NA	NA	0.00016	NA
1,2,3,7,8,9-HxCDD		NA	NA	NA	NA	NA	0.00015	NA
HxCDDs (total)		NA	NA	NA	NA	NA	0.0019	NA
1,2,3,4,6,7,8-HpCDD		NA	NA	NA	NA	NA	0.0014 DJ	NA
HpCDDs (total)		NA	NA	NA	NA	NA	0.0022	NA
OCDD		NA	NA	NA	NA	NA	0.0021 DJ	NA
Total TEQs (WHO TEFs)		NA	NA	NA	NA	NA	0.0071	NA
Inorganics								
Antimony		NA	NA	NA	NA	3.00 B	33.5 J	NA
Arsenic		NA	NA	NA	NA	4.90	14.7 J	NA
Barium		NA	NA	NA	NA	262	910	NA
Beryllium		NA	NA	NA	NA	ND(0.0200)	0.240	NA
Cadmium		NA	NA	NA	NA	1.80	18.1	NA
Chromium		NA	NA	NA	NA	31.7	171	NA
Cobalt		NA	NA	NA	NA	13.4	17.5	NA
Copper		NA	NA	NA	NA	934	13100	NA
Cyanide		NA	NA	NA	NA	ND(1.10)	ND(1.14)	NA
Lead		7700	18.0	8.50	6600	1270	9870 J	10000
Mercury		NA	NA	NA	NA	0.150	3.27	NA
Nickel		NA	NA	NA	NA	30.3	200	NA
Selenium		NA	NA	NA	NA	0.470 B	0.650 J	NA
Silver		NA	NA	NA	NA	2.40	11.8	NA
Sulfide		NA	NA	NA	NA	ND(21.9)	ND(22.9)	NA
Thallium		NA	NA	NA	NA	0.190 B	ND(0.250)	NA
Tin		NA	NA	NA	NA	106	695	NA
Vanadium		NA	NA	NA	NA	9.70	22.4	NA
Zinc		NA	NA	NA	NA	639	8800 J	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	Parcel ID:	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16
	Sample ID:	J9-23-16-H-6	J9-23-16-H-6	J9-23-16-H-6	J9-23-16-H-6	J9-23-16-H-7	J9-23-16-J-6	J9-23-16-J-6
	Sample Depth(Feet):	6-10	8-10	10-15	12-15	0-1	1-3	2-3
	Date Collected:	09/16/02	09/16/02	09/16/02	09/16/02	01/23/01	01/23/01	01/23/01
Volatile Organics								
1,1,1,2-Tetrachloroethane		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
1,1,1-Trichloroethane		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
1,1,2,2-Tetrachloroethane		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
1,1,2-Trichloroethane		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
1,1-Dichloroethane		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
1,1-Dichloroethene		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
1,2,3-Trichloropropane		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
1,2-Dibromo-3-chloropropane		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
1,2-Dibromoethane		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
1,2-Dichloroethane		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
1,2-Dichloropropane		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
1,4-Dioxane		NA	ND(0.10) J	NA	ND(0.11) J	ND(1.2) J	NA	ND(1.1) J
2-Butanone		NA	ND(0.010)	NA	ND(0.011)	ND(0.012)	NA	ND(0.011)
2-Chloro-1,3-butadiene		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
2-Chloroethylvinylether		NA	ND(0.0052) J	NA	ND(0.0056) J	ND(0.012)	NA	ND(0.011)
2-Hexanone		NA	ND(0.010) J	NA	ND(0.011) J	ND(0.012)	NA	ND(0.011)
3-Chloropropene		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
4-Methyl-2-pentanone		NA	ND(0.010)	NA	ND(0.011)	ND(0.012)	NA	ND(0.011)
Acetone		NA	ND(0.021)	NA	ND(0.022)	ND(0.025)	NA	ND(0.021)
Acetonitrile		NA	ND(0.10)	NA	ND(0.11)	ND(0.12) J	NA	ND(0.11) J
Acrolein		NA	ND(0.10) J	NA	ND(0.11) J	ND(0.12)	NA	ND(0.11)
Acrylonitrile		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.12)	NA	ND(0.11)
Benzene		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
Bromodichloromethane		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
Bromoform		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
Bromomethane		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
Carbon Disulfide		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.012)	NA	ND(0.011)
Carbon Tetrachloride		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
Chlorobenzene		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
Chloroethane		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
Chloroform		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
Chloromethane		NA	ND(0.0052) J	NA	ND(0.0056) J	ND(0.0062)	NA	ND(0.0054)
cis-1,3-Dichloropropene		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
Dibromochloromethane		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
Dibromomethane		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
Dichlorodifluoromethane		NA	ND(0.0052) J	NA	ND(0.0056) J	ND(0.0062)	NA	ND(0.0054)
Ethyl Methacrylate		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.012)	NA	ND(0.011)
Ethylbenzene		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
Iodomethane		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.012)	NA	ND(0.011)
Isobutanol		NA	ND(0.10) J	NA	ND(0.11) J	ND(0.25) J	NA	ND(0.21) J
m&p-Xylene		NA	NA	NA	NA	ND(0.0062)	NA	ND(0.0054)
Methacrylonitrile		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.12)	NA	ND(0.11)
Methyl Methacrylate		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.012)	NA	ND(0.011)
Methylene Chloride		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
o-Xylene		NA	NA	NA	NA	ND(0.0062)	NA	ND(0.0054)
Propionitrile		NA	ND(0.010)	NA	ND(0.011)	ND(0.12)	NA	ND(0.11)
Styrene		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
Tetrachloroethene		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
Toluene		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
trans-1,2-Dichloroethene		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
trans-1,3-Dichloropropene		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
trans-1,4-Dichloro-2-butene		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
Trichloroethene		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
Trichlorofluoromethane		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
Vinyl Acetate		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.012)	NA	ND(0.011)
Vinyl Chloride		NA	ND(0.0052)	NA	ND(0.0056)	ND(0.0062)	NA	ND(0.0054)
Xylenes (total)		NA	ND(0.0052)	NA	ND(0.0056)	NA	NA	NA
Semivolatile Organics								
1,2,4,5-Tetrachlorobenzene		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
1,2,4-Trichlorobenzene		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
1,2-Dichlorobenzene		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
1,2-Diphenylhydrazine		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
1,3,5-Trinitrobenzene		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
1,3-Dichlorobenzene		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
1,3-Dinitrobenzene		ND(0.69)	NA	ND(0.74)	NA	ND(0.41)	ND(0.36)	NA
1,4-Dichlorobenzene		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
1,4-Naphthoquinone		ND(0.69)	NA	ND(0.74)	NA	ND(2.1)	ND(1.8)	NA
1-Naphthylamine		ND(0.69)	NA	ND(0.74)	NA	ND(0.41)	ND(0.36)	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16
	Sample ID:	J9-23-16-H-6	J9-23-16-H-6	J9-23-16-H-6	J9-23-16-H-6	J9-23-16-H-7	J9-23-16-J-6	J9-23-16-J-6
	Sample Depth(Feet):	6-10	8-10	10-15	12-15	0-1	1-3	2-3
	Date Collected:	09/16/02	09/16/02	09/16/02	09/16/02	01/23/01	01/23/01	01/23/01
Semivolatile Organics (continued)								
2,3,4,6-Tetrachlorophenol		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
2,4,5-Trichlorophenol		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
2,4,6-Trichlorophenol		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
2,4-Dichlorophenol		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
2,4-Dimethylphenol		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
2,4-Dinitrophenol		ND(1.8)	NA	ND(1.9)	NA	ND(2.1)	ND(1.8)	NA
2,4-Dinitrotoluene		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
2,6-Dichlorophenol		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
2,6-Dinitrotoluene		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
2-Acetylaminofluorene		ND(0.69) J	NA	ND(0.74) J	NA	ND(0.41)	ND(0.36)	NA
2-Chloronaphthalene		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
2-Chlorophenol		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
2-Methylnaphthalene		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
2-Methylphenol		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
2-Naphthylamine		ND(0.69)	NA	ND(0.74)	NA	ND(0.41)	ND(0.36)	NA
2-Nitroaniline		ND(1.8) J	NA	ND(1.9) J	NA	ND(2.1)	ND(1.8)	NA
2-Nitrophenol		ND(0.69)	NA	ND(0.74)	NA	ND(0.41)	ND(0.36)	NA
2-Picoline		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
3&4-Methylphenol		ND(0.69)	NA	ND(0.74)	NA	ND(0.41)	ND(0.36)	NA
3,3'-Dichlorobenzidine		ND(0.69) J	NA	ND(0.74) J	NA	ND(0.41)	ND(0.36)	NA
3,3'-Dimethylbenzidine		ND(0.34) J	NA	ND(0.37) J	NA	ND(0.41)	ND(0.36)	NA
3-Methylcholanthrene		ND(0.69)	NA	ND(0.74)	NA	ND(0.41)	ND(0.36)	NA
3-Nitroaniline		ND(1.8)	NA	ND(1.9)	NA	ND(2.1)	ND(1.8)	NA
4,6-Dinitro-2-methylphenol		ND(0.34) J	NA	ND(0.37) J	NA	ND(2.1)	ND(1.8)	NA
4-Aminobiphenyl		ND(0.69) J	NA	ND(0.74) J	NA	ND(2.1)	ND(1.8)	NA
4-Bromophenyl-phenylether		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
4-Chloro-3-Methylphenol		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
4-Chloroaniline		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
4-Chlorobenzilate		ND(0.69)	NA	ND(0.74)	NA	ND(0.41)	ND(0.36)	NA
4-Chlorophenyl-phenylether		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
4-Nitroaniline		ND(1.8)	NA	ND(1.9)	NA	ND(2.1)	ND(1.8)	NA
4-Nitrophenol		ND(1.8)	NA	ND(1.9)	NA	ND(2.1)	ND(1.8)	NA
4-Nitroquinoline-1-oxide		ND(0.69)	NA	ND(0.74)	NA	ND(2.1)	ND(1.8)	NA
4-Phenylenediamine		ND(0.69)	NA	ND(0.74)	NA	ND(2.1) J	ND(1.8)	NA
5-Nitro-o-toluidine		ND(0.69)	NA	ND(0.74)	NA	ND(0.41)	ND(0.36)	NA
7,12-Dimethylbenz(a)anthracene		ND(0.69)	NA	ND(0.74)	NA	ND(0.41)	ND(0.36)	NA
a,a'-Dimethylphenethylamine		ND(0.69)	NA	ND(0.74)	NA	ND(2.1)	ND(1.8)	NA
Acenaphthene		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
Acenaphthylene		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
Acetophenone		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
Aniline		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
Anthracene		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
Aramite		ND(0.69) J	NA	ND(0.74) J	NA	ND(2.1)	ND(1.8)	NA
Benzidine		ND(0.69) J	NA	ND(0.74) J	NA	ND(4.1)	ND(3.6) J	NA
Benzo(a)anthracene		ND(0.34)	NA	ND(0.37)	NA	0.16 J	ND(0.36)	NA
Benzo(a)pyrene		ND(0.34)	NA	ND(0.37)	NA	0.20 J	ND(0.36)	NA
Benzo(b)fluoranthene		ND(0.34)	NA	ND(0.37)	NA	0.14 J	ND(0.36)	NA
Benzo(g,h,i)perylene		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
Benzo(k)fluoranthene		ND(0.34)	NA	ND(0.37)	NA	0.13 J	ND(0.36)	NA
Benzyl Alcohol		ND(0.69)	NA	ND(0.74)	NA	ND(2.1)	ND(1.8)	NA
bis(2-Chloroethoxy)methane		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
bis(2-Chloroethyl)ether		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
bis(2-Chloroisopropyl)ether		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
bis(2-Ethylhexyl)phthalate		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
Butylbenzylphthalate		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
Chrysene		ND(0.34)	NA	ND(0.37)	NA	0.17 J	ND(0.36)	NA
Diallate		ND(0.69) J	NA	ND(0.74) J	NA	ND(0.41)	ND(0.36)	NA
Dibenzo(a,h)anthracene		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
Dibenzofuran		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
Diethylphthalate		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
Dimethoate		NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
Di-n-Butylphthalate		ND(0.34)	NA	ND(0.37)	NA	0.042 J	ND(0.36)	NA
Di-n-Octylphthalate		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
Diphenylamine		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
Disulfoton		NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate		ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
Ethyl Parathion		NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	J9-23-16 / J9-23-16-H-6 / 6-10 / 09/16/02	J9-23-16 / J9-23-16-H-6 / 8-10 / 09/16/02	J9-23-16 / J9-23-16-H-6 / 10-15 / 09/16/02	J9-23-16 / J9-23-16-H-6 / 12-15 / 09/16/02	J9-23-16 / J9-23-16-H-7 / 0-1 / 01/23/01	J9-23-16 / J9-23-16-J-6 / 1-3 / 01/23/01	J9-23-16 / J9-23-16-J-6 / 2-3 / 01/23/01
Semivolatile Organics (continued)							
Fluoranthene	ND(0.34)	NA	ND(0.37)	NA	0.16 J	ND(0.36)	NA
Fluorene	ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
Hexachlorobenzene	ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
Hexachlorobutadiene	ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
Hexachlorocyclopentadiene	ND(0.34) J	NA	ND(0.37) J	NA	ND(0.41)	ND(0.36)	NA
Hexachloroethane	ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
Hexachlorophene	ND(0.69)	NA	ND(0.74)	NA	R	R	NA
Hexachloropropene	ND(0.34) J	NA	ND(0.37) J	NA	ND(0.41)	ND(0.36)	NA
Indeno(1,2,3-cd)pyrene	ND(0.34)	NA	ND(0.37)	NA	0.13 J	ND(0.36)	NA
Isodrin	ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
Isophorone	ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
Isosafrole	ND(0.69)	NA	ND(0.74)	NA	ND(0.41)	ND(0.36)	NA
Methapyrilene	ND(0.69) J	NA	ND(0.74) J	NA	ND(2.1)	ND(1.8)	NA
Methyl Methanesulfonate	ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
Nitrobenzene	ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
N-Nitrosodiethylamine	ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
N-Nitrosodimethylamine	ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36) J	NA
N-Nitroso-di-n-butylamine	ND(0.69)	NA	ND(0.74)	NA	ND(0.41)	ND(0.36)	NA
N-Nitroso-di-n-propylamine	ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
N-Nitrosodiphenylamine	ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
N-Nitrosomethylethylamine	ND(0.69)	NA	ND(0.74)	NA	ND(0.41)	ND(0.36)	NA
N-Nitrosomorpholine	ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
N-Nitrosopiperidine	ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
N-Nitrosopyrrolidine	ND(0.69)	NA	ND(0.74)	NA	ND(0.41)	ND(0.36)	NA
o,o,o-Triethylphosphorothioate	ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
o-Toluidine	ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
p-Dimethylaminoazobenzene	ND(0.69)	NA	ND(0.74)	NA	ND(0.41)	ND(0.36)	NA
Pentachlorobenzene	ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
Pentachloroethane	ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
Pentachloronitrobenzene	ND(0.69)	NA	ND(0.74)	NA	ND(0.41)	ND(0.36)	NA
Pentachlorophenol	ND(1.8)	NA	ND(1.9)	NA	ND(2.1)	ND(1.8)	NA
Phenacetin	ND(0.69)	NA	ND(0.74)	NA	ND(0.41)	ND(0.36)	NA
Phenanthrene	ND(0.34)	NA	ND(0.37)	NA	0.090 J	ND(0.36)	NA
Phenol	ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
Phorate	NA	NA	NA	NA	NA	NA	NA
Pronamide	ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
Pyrene	ND(0.34)	NA	ND(0.37)	NA	0.16 J	ND(0.36)	NA
Pyridine	ND(0.34)	NA	ND(0.37)	NA	ND(2.1)	ND(1.8) J	NA
Safrole	ND(0.34)	NA	ND(0.37)	NA	ND(0.41)	ND(0.36)	NA
Sulfotep	NA	NA	NA	NA	NA	NA	NA
Thionazin	ND(0.34) J	NA	ND(0.37) J	NA	ND(0.41)	ND(0.36)	NA
Organochlorine Pesticides							
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16
Sample ID:	J9-23-16-H-6	J9-23-16-H-6	J9-23-16-H-6	J9-23-16-H-6	J9-23-16-H-7	J9-23-16-J-6	J9-23-16-J-6
Sample Depth(Feet):	6-10	8-10	10-15	12-15	0-1	1-3	2-3
Parameter Date Collected:	09/16/02	09/16/02	09/16/02	09/16/02	01/23/01	01/23/01	01/23/01
Herbicides							
2,4,5-T	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	0.00000083 J	NA	ND(0.00000021)	NA	0.00014	0.00000061 J	NA
TCDFs (total)	0.0000052	NA	ND(0.00000021)	NA	0.00077	0.00000098 J	NA
1,2,3,7,8-PeCDF	0.0000013 J	NA	ND(0.00000027)	NA	0.000052	ND(0.000000080)	NA
2,3,4,7,8-PeCDF	0.00000074 J	NA	ND(0.00000027)	NA	0.000042	ND(0.000000080)	NA
PeCDFs (total)	0.0000060	NA	ND(0.00000027)	NA	0.00047	ND(0.000000080)	NA
1,2,3,4,7,8-HxCDF	0.0000014 JQ	NA	ND(0.00000020) X	NA	0.00010	ND(0.00000010)	NA
1,2,3,6,7,8-HxCDF	0.00000097 JQ	NA	0.00000021 J	NA	0.000038	ND(0.00000010)	NA
1,2,3,7,8,9-HxCDF	0.00000042 J	NA	ND(0.00000027)	NA	0.0000014	ND(0.00000012)	NA
2,3,4,6,7,8-HxCDF	0.00000037 J	NA	ND(0.00000027)	NA	ND(0.000018) JX	ND(0.00000011)	NA
HxCDFs (total)	0.0000048 Q	NA	0.00000021	NA	0.00032	0.0000011 J	NA
1,2,3,4,6,7,8-HpCDF	0.00000098 J	NA	0.00000022 J	NA	0.000078	0.0000031	NA
1,2,3,4,7,8,9-HpCDF	0.00000034 J	NA	ND(0.00000033)	NA	0.000012	ND(0.00000036)	NA
HpCDFs (total)	0.0000017	NA	0.00000022	NA	0.00011	0.0000060	NA
OCDF	0.00000075 J	NA	ND(0.00000054)	NA	0.000066	0.0000033	NA
Dioxins							
2,3,7,8-TCDD	ND(0.00000022)	NA	ND(0.00000031)	NA	ND(0.00000049) JX	ND(0.00000010)	NA
TCDDs (total)	ND(0.00000023)	NA	ND(0.00000031)	NA	0.000021	ND(0.00000010)	NA
1,2,3,7,8-PeCDD	ND(0.00000024)	NA	ND(0.00000027)	NA	0.0000016 J	ND(0.00000014)	NA
PeCDDs (total)	ND(0.00000038)	NA	ND(0.00000034)	NA	0.000013	0.0000014 J	NA
1,2,3,4,7,8-HxCDD	ND(0.00000028)	NA	ND(0.00000031)	NA	ND(0.0000025)	ND(0.00000018)	NA
1,2,3,6,7,8-HxCDD	ND(0.00000024)	NA	ND(0.00000027)	NA	ND(0.0000024)	0.0000021 J	NA
1,2,3,7,8,9-HxCDD	ND(0.00000025)	NA	ND(0.00000028)	NA	ND(0.0000024)	0.00000097 J	NA
HxCDDs (total)	ND(0.00000032)	NA	ND(0.00000028)	NA	0.000021	0.000016	NA
1,2,3,4,6,7,8-HpCDD	0.00000050 J	NA	ND(0.00000036) X	NA	0.000034	0.0000085	NA
HpCDDs (total)	0.00000091	NA	0.00000019	NA	0.000074	0.000018	NA
OCDD	ND(0.0000031)	NA	ND(0.0000022)	NA	0.00020 J	0.000022	NA
Total TEQs (WHO TEFs)	0.0000011	NA	0.00000048	NA	0.000057	0.00000066	NA
Inorganics							
Antimony	ND(6.00)	NA	ND(6.00)	NA	ND(0.720) J	ND(0.640) J	NA
Arsenic	10.0	NA	6.90	NA	5.90 J	2.10 J	NA
Barium	ND(20.0)	NA	ND(20.0)	NA	54.0	13.1	NA
Beryllium	0.0840 B	NA	ND(0.500)	NA	0.270	0.240	NA
Cadmium	ND(0.500)	NA	ND(0.500)	NA	0.840	ND(0.280)	NA
Chromium	9.90	NA	9.50	NA	60.1	8.40	NA
Cobalt	12.0	NA	13.0	NA	9.20	10.0	NA
Copper	34.0	NA	31.0	NA	120	22.2	NA
Cyanide	ND(0.100)	NA	ND(0.110)	NA	ND(1.24)	ND(1.08)	NA
Lead	12.0	NA	10.0	NA	98.5 J	8.20 J	NA
Mercury	0.00930 B	NA	0.00670 B	NA	0.102	ND(0.0542)	NA
Nickel	19.0	NA	20.0	NA	33.2	17.2	NA
Selenium	ND(1.00) J	NA	ND(1.00) J	NA	0.380 J	0.120 J	NA
Silver	ND(1.00)	NA	ND(1.00)	NA	1.50	ND(0.570)	NA
Sulfide	9.90	NA	14.0	NA	ND(24.8)	ND(21.7)	NA
Thallium	1.10 J	NA	ND(1.70) J	NA	ND(0.270)	ND(0.230)	NA
Tin	3.80 B	NA	3.50 B	NA	15.8	4.50	NA
Vanadium	7.20	NA	6.70	NA	15.7	8.00	NA
Zinc	52.0	NA	50.0	NA	108 J	47.5 J	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16
Sample ID:	J9-23-16-J-6	J9-23-16-J-6	J9-23-16-J-7	J9-23-16-QP-14	J9-23-16-QP-19	J9-23-16-QP-25
Sample Depth(Feet):	3-6	4-6	0-1	0-1	1-3	0-1
Parameter Date Collected:	01/23/01	01/23/01	01/23/01	09/19/02	09/16/02	01/23/01
Volatile Organics						
1,1,1,2-Tetrachloroethane	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
1,1,1-Trichloroethane	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
1,1,2,2-Tetrachloroethane	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
1,1,2-Trichloroethane	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
1,1-Dichloroethane	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
1,1-Dichloroethene	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
1,2,3-Trichloropropane	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
1,2-Dibromo-3-chloropropane	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
1,2-Dibromoethane	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
1,2-Dichloroethane	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
1,2-Dichloropropane	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
1,4-Dioxane	NA	ND(1.0) J	ND(1.2) J [ND(1.2) J]	NA	NA	ND(1.2) J
2-Butanone	NA	ND(0.010)	0.0031 J [ND(0.012)]	NA	NA	0.0047 J
2-Chloro-1,3-butadiene	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
2-Chloroethylvinylether	NA	ND(0.010)	ND(0.012) [ND(0.012)]	NA	NA	ND(0.012)
2-Hexanone	NA	ND(0.010)	ND(0.012) [ND(0.012)]	NA	NA	ND(0.012)
3-Chloropropene	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
4-Methyl-2-pentanone	NA	ND(0.010)	ND(0.012) [ND(0.012)]	NA	NA	ND(0.012)
Acetone	NA	0.0051 J	0.017 J [0.0094 J]	NA	NA	0.040
Acetonitrile	NA	ND(0.10) J	ND(0.12) J [ND(0.12) J]	NA	NA	ND(0.12) J
Acrolein	NA	ND(0.10)	ND(0.12) [ND(0.12)]	NA	NA	ND(0.12)
Acrylonitrile	NA	ND(0.10)	ND(0.12) [ND(0.12)]	NA	NA	ND(0.12)
Benzene	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
Bromodichloromethane	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
Bromoform	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
Bromomethane	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
Carbon Disulfide	NA	ND(0.010)	ND(0.012) [ND(0.012)]	NA	NA	ND(0.012)
Carbon Tetrachloride	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
Chlorobenzene	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
Chloroethane	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
Chloroform	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
Chloromethane	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
cis-1,3-Dichloropropene	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
Dibromochloromethane	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
Dibromomethane	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
Dichlorodifluoromethane	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
Ethyl Methacrylate	NA	ND(0.010)	ND(0.012) [ND(0.012)]	NA	NA	ND(0.012)
Ethylbenzene	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
Iodomethane	NA	ND(0.010)	ND(0.012) [ND(0.012)]	NA	NA	ND(0.012)
Isobutanol	NA	ND(0.21) J	ND(0.23) J [ND(0.23) J]	NA	NA	ND(0.25) J
m&p-Xylene	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
Methacrylonitrile	NA	ND(0.10)	ND(0.12) [ND(0.12)]	NA	NA	ND(0.12)
Methyl Methacrylate	NA	ND(0.010)	ND(0.012) [ND(0.012)]	NA	NA	ND(0.012)
Methylene Chloride	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
o-Xylene	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
Propionitrile	NA	ND(0.10)	ND(0.12) [ND(0.12)]	NA	NA	ND(0.12)
Styrene	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
Tetrachloroethene	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
Toluene	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	0.0015 J
trans-1,2-Dichloroethene	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
trans-1,3-Dichloropropene	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
trans-1,4-Dichloro-2-butene	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
Trichloroethene	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	0.0069
Trichlorofluoromethane	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
Vinyl Acetate	NA	ND(0.010)	ND(0.012) [ND(0.012)]	NA	NA	ND(0.012)
Vinyl Chloride	NA	ND(0.0052)	ND(0.0058) [ND(0.0058)]	NA	NA	ND(0.0062)
Xylenes (total)	NA	NA	NA	NA	NA	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
1,2,4-Trichlorobenzene	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	0.82 J
1,2-Dichlorobenzene	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
1,2-Diphenylhydrazine	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
1,3,5-Trinitrobenzene	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
1,3-Dichlorobenzene	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
1,3-Dinitrobenzene	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
1,4-Dichlorobenzene	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
1,4-Naphthoquinone	ND(1.8)	NA	ND(2.0) [ND(2.0)]	NA	NA	ND(11)
1-Naphthylamine	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16
	Sample ID:	J9-23-16-J-6	J9-23-16-J-6	J9-23-16-J-7	J9-23-16-QP-14	J9-23-16-QP-19	J9-23-16-QP-25
	Sample Depth(Feet):	3-6	4-6	0-1	0-1	1-3	0-1
	Date Collected:	01/23/01	01/23/01	01/23/01	09/19/02	09/16/02	01/23/01
Semivolatile Organics (continued)							
2,3,4,6-Tetrachlorophenol		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
2,4,5-Trichlorophenol		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
2,4,6-Trichlorophenol		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
2,4-Dichlorophenol		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
2,4-Dimethylphenol		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
2,4-Dinitrophenol		ND(1.8)	NA	ND(2.0) [ND(2.0)]	NA	NA	ND(11)
2,4-Dinitrotoluene		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
2,6-Dichlorophenol		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
2,6-Dinitrotoluene		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
2-Acetylaminofluorene		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
2-Chloronaphthalene		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	0.55 J
2-Chlorophenol		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
2-Methylnaphthalene		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
2-Methylphenol		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
2-Naphthylamine		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
2-Nitroaniline		ND(1.8)	NA	ND(2.0) [ND(2.0)]	NA	NA	ND(11)
2-Nitrophenol		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
2-Picoline		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
3&4-Methylphenol		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
3,3'-Dichlorobenzidine		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
3,3'-Dimethylbenzidine		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
3-Methylcholanthrene		ND(0.35) J	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
3-Nitroaniline		ND(1.8)	NA	ND(2.0) [ND(2.0)]	NA	NA	ND(11)
4,6-Dinitro-2-methylphenol		ND(1.8)	NA	ND(2.0) [ND(2.0)]	NA	NA	ND(11)
4-Aminobiphenyl		ND(1.8)	NA	ND(2.0) [ND(2.0)]	NA	NA	ND(11)
4-Bromophenyl-phenylether		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
4-Chloro-3-Methylphenol		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
4-Chloroaniline		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
4-Chlorobenzilate		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
4-Chlorophenyl-phenylether		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
4-Nitroaniline		ND(1.8)	NA	ND(2.0) [ND(2.0)]	NA	NA	ND(11)
4-Nitrophenol		ND(1.8)	NA	ND(2.0) [ND(2.0)]	NA	NA	ND(11)
4-Nitroquinoline-1-oxide		ND(1.8)	NA	ND(2.0) [ND(2.0)]	NA	NA	ND(11)
4-Phenylenediamine		ND(1.8)	NA	ND(2.0) [ND(2.0) J]	NA	NA	ND(11)
5-Nitro-o-toluidine		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
7,12-Dimethylbenz(a)anthracene		ND(0.35) J	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
a,a'-Dimethylphenethylamine		ND(1.8)	NA	ND(2.0) [ND(2.0)]	NA	NA	ND(11)
Acenaphthene		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
Acenaphthylene		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	1.2 J
Acetophenone		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
Aniline		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	19
Anthracene		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	2.3
Aramite		ND(1.8)	NA	ND(2.0) [ND(2.0)]	NA	NA	ND(11)
Benzidine		ND(3.5) J	NA	ND(3.8) J [ND(3.9)]	NA	NA	ND(21) J
Benzo(a)anthracene		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	6.4
Benzo(a)pyrene		ND(0.35) J	NA	ND(0.38) [ND(0.39)]	NA	NA	6.0
Benzo(b)fluoranthene		ND(0.35) J	NA	ND(0.38) [ND(0.39)]	NA	NA	4.6
Benzo(g,h,i)perylene		ND(0.35) J	NA	ND(0.38) [ND(0.39)]	NA	NA	4.6
Benzo(k)fluoranthene		ND(0.35) J	NA	ND(0.38) [ND(0.39)]	NA	NA	4.9
Benzyl Alcohol		ND(1.8)	NA	ND(2.0) [ND(2.0)]	NA	NA	ND(11)
bis(2-Chloroethoxy)methane		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
bis(2-Chloroethyl)ether		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
bis(2-Chloroisopropyl)ether		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1) J
bis(2-Ethylhexyl)phthalate		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
Butylbenzylphthalate		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
Chrysene		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	5.9
Diallate		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
Dibenzo(a,h)anthracene		ND(0.35) J	NA	ND(0.38) [ND(0.39)]	NA	NA	1.4 J
Dibenzofuran		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	0.28 J
Diethylphthalate		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
Dimethoate		NA	NA	NA	NA	NA	NA
Dimethylphthalate		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
Di-n-Butylphthalate		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	0.56 J
Di-n-Octylphthalate		ND(0.35) J	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
Diphenylamine		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
Disulfoton		NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate		ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
Ethyl Parathion		NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16
Sample ID:	J9-23-16-J-6	J9-23-16-J-6	J9-23-16-J-7	J9-23-16-QP-14	J9-23-16-QP-19	J9-23-16-QP-25
Sample Depth(Feet):	3-6	4-6	0-1	0-1	1-3	0-1
Parameter Date Collected:	01/23/01	01/23/01	01/23/01	09/19/02	09/16/02	01/23/01
Semivolatile Organics (continued)						
Fluoranthene	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	15
Fluorene	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	0.27 J
Hexachlorobenzene	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
Hexachlorobutadiene	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
Hexachlorocyclopentadiene	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
Hexachloroethane	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
Hexachlorophene	R	NA	R [R]	NA	NA	R
Hexachloropropene	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
Indeno(1,2,3-cd)pyrene	ND(0.35) J	NA	ND(0.38) [ND(0.39)]	NA	NA	3.9
Isodrin	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
Isophorone	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
Isosafrole	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
Methapyrilene	ND(1.8)	NA	ND(2.0) [ND(2.0)]	NA	NA	ND(11)
Methyl Methanesulfonate	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
Methyl Parathion	NA	NA	NA	NA	NA	NA
Naphthalene	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	0.38 J
Nitrobenzene	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
N-Nitrosodiethylamine	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
N-Nitrosodimethylamine	ND(0.35) J	NA	ND(0.38) J [ND(0.39)]	NA	NA	ND(2.1)
N-Nitroso-di-n-butylamine	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
N-Nitroso-di-n-propylamine	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
N-Nitrosodiphenylamine	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
N-Nitrosomethylethylamine	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
N-Nitrosomorpholine	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
N-Nitrosopiperidine	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
N-Nitrosopyrrolidine	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
o,o,o-Triethylphosphorothioate	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
o-Toluidine	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
p-Dimethylaminoazobenzene	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
Pentachlorobenzene	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
Pentachloroethane	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
Pentachloronitrobenzene	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
Pentachlorophenol	ND(1.8)	NA	ND(2.0) [ND(2.0)]	NA	NA	ND(11)
Phenacetin	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
Phenanthrene	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	6.6
Phenol	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	0.31 J
Phorate	NA	NA	NA	NA	NA	NA
Pronamide	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
Pyrene	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	13
Pyridine	ND(1.8) J	NA	ND(2.0) J [ND(2.0)]	NA	NA	ND(11)
Safrole	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
Sulfotep	NA	NA	NA	NA	NA	NA
Thionazin	ND(0.35)	NA	ND(0.38) [ND(0.39)]	NA	NA	ND(2.1)
Organochlorine Pesticides						
4,4'-DDD	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	J9-23-16 J9-23-16-J-6 3-6 01/23/01	J9-23-16 J9-23-16-J-6 4-6 01/23/01	J9-23-16 J9-23-16-J-7 0-1 01/23/01	J9-23-16 J9-23-16-QP-14 0-1 09/19/02	J9-23-16 J9-23-16-QP-19 1-3 09/16/02	J9-23-16 J9-23-16-QP-25 0-1 01/23/01
Herbicides						
2,4,5-T	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	0.00000076 J	NA	0.0000025 [0.0000029]	NA	NA	0.036 D
TCDFs (total)	0.0000019 J	NA	0.000010 [0.000012]	NA	NA	0.14 D
1,2,3,7,8-PeCDF	ND(0.00000019) JX	NA	0.00000057 J [0.00000059 J]	NA	NA	0.0074 D
2,3,4,7,8-PeCDF	ND(0.00000022) JX	NA	0.00000066 J [0.00000075 J]	NA	NA	0.013 D
PeCDFs (total)	0.00000089 J	NA	0.0000058 [0.0000088]	NA	NA	0.074 D
1,2,3,4,7,8-HxCDF	0.00000039 J	NA	0.00000093 J [0.0000012 J]	NA	NA	0.025 D
1,2,3,6,7,8-HxCDF	0.00000017 J	NA	0.00000038 J [0.00000041 J]	NA	NA	0.024 D
1,2,3,7,8,9-HxCDF	ND(0.000000080)	NA	0.00000016 J [ND(0.00000012) JX]	NA	NA	0.0017 DJ
2,3,4,6,7,8-HxCDF	ND(0.000000080)	NA	0.00000046 [0.00000035]	NA	NA	0.0053 D
HxCDFs (total)	0.00000056 J	NA	0.0000058 [0.0000069]	NA	NA	0.068 D
1,2,3,4,6,7,8-HpCDF	0.00000083 J	NA	0.0000013 J [0.0000036]	NA	NA	0.025 D
1,2,3,4,7,8,9-HpCDF	ND(0.00000018)	NA	ND(0.00000042) [ND(0.00000035)]	NA	NA	0.0056 D
HpCDFs (total)	0.00000083 J	NA	0.0000024 J [0.0000060]	NA	NA	0.040 D
OCDF	ND(0.00000042)	NA	ND(0.0000020) JX [ND(0.0000027) JX]	NA	NA	0.017 D
Dioxins						
2,3,7,8-TCDD	ND(0.00000010)	NA	ND(0.00000010) [ND(0.00000014)]	NA	NA	0.000071
TCDDs (total)	ND(0.00000010)	NA	ND(0.00000010) [ND(0.00000014)]	NA	NA	0.0022
1,2,3,7,8-PeCDD	ND(0.00000012)	NA	ND(0.00000014) [ND(0.00000013)]	NA	NA	0.00025
PeCDDs (total)	ND(0.00000012)	NA	ND(0.00000014) [0.00000084 J]	NA	NA	0.0034
1,2,3,4,7,8-HxCDD	ND(0.00000015)	NA	ND(0.00000019) [ND(0.00000019)]	NA	NA	0.00022
1,2,3,6,7,8-HxCDD	0.00000054 J	NA	ND(0.00000018) [0.0000019 J]	NA	NA	0.00042
1,2,3,7,8,9-HxCDD	ND(0.00000023) JX	NA	ND(0.00000018) [0.00000086 J]	NA	NA	0.00049
HxCDDs (total)	0.0000030	NA	0.00000039 J [0.000015]	NA	NA	0.013 D
1,2,3,4,6,7,8-HpCDD	0.0000017 J	NA	0.0000022 J [0.0000075]	NA	NA	0.085 D
HpCDDs (total)	0.0000035	NA	0.0000046 [0.000017]	NA	NA	0.020 D
OCDD	0.0000048 J	NA	0.000013 J [0.000021]	NA	NA	0.026 D
Total TEQs (WHO TEFs)	0.00000048	NA	0.00000099 [0.0000014]	NA	NA	0.018
Inorganics						
Antimony	ND(0.610) J	NA	ND(0.690) J [ND(0.680) J]	NA	NA	NA
Arsenic	3.80 J	NA	5.00 J [4.80 J]	NA	NA	NA
Barium	21.8	NA	32.1 [40.8]	NA	NA	NA
Beryllium	0.220	NA	0.160 [0.240]	NA	NA	NA
Cadmium	ND(0.260)	NA	ND(0.300) [ND(0.290)]	NA	NA	NA
Chromium	8.80	NA	10.9 [13.3]	NA	NA	NA
Cobalt	12.1	NA	11.3 [11.1]	NA	NA	NA
Copper	27.5	NA	22.6 [18.8]	NA	NA	NA
Cyanide	ND(1.05)	NA	ND(1.15) [ND(1.17)]	NA	NA	NA
Lead	10.5 J	NA	23.5 J [25.9 J]	510 J	13000	NA
Mercury	ND(0.0525)	NA	ND(0.0576) [ND(0.0585)]	NA	NA	NA
Nickel	19.8	NA	16.6 [19.6]	NA	NA	NA
Selenium	0.210 J	NA	0.670 J [0.650 J]	NA	NA	NA
Silver	ND(0.550)	NA	ND(0.620) [ND(0.610)]	NA	NA	NA
Sulfide	ND(21.0)	NA	ND(23.0) [ND(23.4)]	NA	NA	NA
Thallium	ND(0.220)	NA	ND(0.250) [ND(0.250)]	NA	NA	NA
Tin	3.80	NA	7.00 [3.90]	NA	NA	NA
Vanadium	7.50	NA	10.0 [13.2]	NA	NA	NA
Zinc	48.6 J	NA	52.1 J [64.5 J]	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16
Sample ID:	J9-23-16-QP-26	J9-23-16-QP-27	J9-23-16-QP-29	J9-23-16-QP-31	J9-23-16-QP-33	J9-23-16-QP-33	J9-23-16-QP-33
Sample Depth(Feet):	1-3	4-6	0-1	1-3	1-3	3-6	6-10
Parameter Date Collected:	09/16/02	09/16/02	01/23/01	09/16/02	09/16/02	09/16/02	09/16/02
Volatile Organics							
1,1,1,2-Tetrachloroethane	NA	NA	ND(0.0060)	NA	NA	NA	NA
1,1,1-Trichloroethane	NA	NA	ND(0.0060)	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	NA	ND(0.0060) J	NA	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	ND(0.0060)	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	ND(0.0060)	NA	NA	NA	NA
1,1-Dichloroethene	NA	NA	ND(0.0060)	NA	NA	NA	NA
1,2,3-Trichloropropane	NA	NA	ND(0.0060) J	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NA	NA	ND(0.0060) J	NA	NA	NA	NA
1,2-Dibromoethane	NA	NA	ND(0.0060)	NA	NA	NA	NA
1,2-Dichloroethane	NA	NA	ND(0.0060)	NA	NA	NA	NA
1,2-Dichloropropane	NA	NA	ND(0.0060)	NA	NA	NA	NA
1,4-Dioxane	NA	NA	ND(1.2) J	NA	NA	NA	NA
2-Butanone	NA	NA	ND(0.012)	NA	NA	NA	NA
2-Chloro-1,3-butadiene	NA	NA	ND(0.0060)	NA	NA	NA	NA
2-Chloroethylvinylether	NA	NA	ND(0.012)	NA	NA	NA	NA
2-Hexanone	NA	NA	ND(0.012)	NA	NA	NA	NA
3-Chloropropene	NA	NA	ND(0.0060)	NA	NA	NA	NA
4-Methyl-2-pentanone	NA	NA	ND(0.012)	NA	NA	NA	NA
Acetone	NA	NA	ND(0.024)	NA	NA	NA	NA
Acetonitrile	NA	NA	ND(0.12) J	NA	NA	NA	NA
Acrolein	NA	NA	ND(0.12)	NA	NA	NA	NA
Acrylonitrile	NA	NA	ND(0.12)	NA	NA	NA	NA
Benzene	NA	NA	ND(0.0060)	NA	NA	NA	NA
Bromodichloromethane	NA	NA	ND(0.0060)	NA	NA	NA	NA
Bromoform	NA	NA	ND(0.0060)	NA	NA	NA	NA
Bromomethane	NA	NA	ND(0.0060)	NA	NA	NA	NA
Carbon Disulfide	NA	NA	ND(0.012)	NA	NA	NA	NA
Carbon Tetrachloride	NA	NA	ND(0.0060)	NA	NA	NA	NA
Chlorobenzene	NA	NA	ND(0.0060)	NA	NA	NA	NA
Chloroethane	NA	NA	ND(0.0060)	NA	NA	NA	NA
Chloroform	NA	NA	ND(0.0060)	NA	NA	NA	NA
Chloromethane	NA	NA	ND(0.0060)	NA	NA	NA	NA
cis-1,3-Dichloropropene	NA	NA	ND(0.0060)	NA	NA	NA	NA
Dibromochloromethane	NA	NA	ND(0.0060)	NA	NA	NA	NA
Dibromomethane	NA	NA	ND(0.0060)	NA	NA	NA	NA
Dichlorodifluoromethane	NA	NA	ND(0.0060)	NA	NA	NA	NA
Ethyl Methacrylate	NA	NA	ND(0.012)	NA	NA	NA	NA
Ethylbenzene	NA	NA	ND(0.0060)	NA	NA	NA	NA
Iodomethane	NA	NA	ND(0.012)	NA	NA	NA	NA
Isobutanol	NA	NA	ND(0.24) J	NA	NA	NA	NA
m&p-Xylene	NA	NA	ND(0.0060)	NA	NA	NA	NA
Methacrylonitrile	NA	NA	ND(0.12)	NA	NA	NA	NA
Methyl Methacrylate	NA	NA	ND(0.012)	NA	NA	NA	NA
Methylene Chloride	NA	NA	ND(0.0060)	NA	NA	NA	NA
o-Xylene	NA	NA	ND(0.0060)	NA	NA	NA	NA
Propionitrile	NA	NA	ND(0.12)	NA	NA	NA	NA
Styrene	NA	NA	ND(0.0060)	NA	NA	NA	NA
Tetrachloroethene	NA	NA	ND(0.0060)	NA	NA	NA	NA
Toluene	NA	NA	ND(0.0060)	NA	NA	NA	NA
trans-1,2-Dichloroethene	NA	NA	ND(0.0060)	NA	NA	NA	NA
trans-1,3-Dichloropropene	NA	NA	ND(0.0060)	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene	NA	NA	ND(0.0060) J	NA	NA	NA	NA
Trichloroethene	NA	NA	ND(0.0060)	NA	NA	NA	NA
Trichlorofluoromethane	NA	NA	ND(0.0060)	NA	NA	NA	NA
Vinyl Acetate	NA	NA	ND(0.012)	NA	NA	NA	NA
Vinyl Chloride	NA	NA	ND(0.0060)	NA	NA	NA	NA
Xylenes (total)	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA
1,3-Dinitrobenzene	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA
1,4-Naphthoquinone	NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine	NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16
Sample ID:	J9-23-16-QP-26	J9-23-16-QP-27	J9-23-16-QP-29	J9-23-16-QP-31	J9-23-16-QP-33	J9-23-16-QP-33	J9-23-16-QP-33
Sample Depth(Feet):	1-3	4-6	0-1	1-3	1-3	3-6	6-10
Parameter Date Collected:	09/16/02	09/16/02	01/23/01	09/16/02	09/16/02	09/16/02	09/16/02
Semivolatile Organics (continued)							
2,3,4,6-Tetrachlorophenol	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	NA	NA	NA	NA	NA	NA	NA
2,6-Dichlorophenol	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	NA	NA	NA	NA	NA	NA	NA
2-Acetylaminofluorene	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NA	NA	NA	NA	NA	NA	NA
2-Naphthylamine	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	NA	NA	NA	NA	NA	NA	NA
2-Picoline	NA	NA	NA	NA	NA	NA	NA
3&4-Methylphenol	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	NA	NA	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine	NA	ND(1.1) J	NA	NA	NA	NA	NA
3-Methylcholanthrene	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA	NA	NA
4-Aminobiphenyl	NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl-phenylether	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	NA	NA	NA	NA	NA	NA	NA
4-Chlorobenzilate	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	NA	NA	NA	NA	NA	NA	NA
4-Nitroquinoline-1-oxide	NA	NA	NA	NA	NA	NA	NA
4-Phenylenediamine	NA	NA	NA	NA	NA	NA	NA
5-Nitro-o-toluidine	NA	NA	NA	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene	NA	ND(1.1)	NA	NA	NA	NA	NA
a,a'-Dimethylphenethylamine	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	NA	NA	NA	NA	NA	NA	NA
Acetophenone	NA	NA	NA	NA	NA	NA	NA
Aniline	NA	NA	NA	NA	NA	NA	NA
Anthracene	NA	NA	NA	NA	NA	NA	NA
Aramite	NA	NA	NA	NA	NA	NA	NA
Benzidine	NA	ND(2.2) J	NA	NA	NA	NA	NA
Benzo(a)anthracene	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	NA	NA	NA	NA	NA	NA	NA
Butylbenzylphthalate	NA	NA	NA	NA	NA	NA	NA
Chrysene	NA	NA	NA	NA	NA	NA	NA
Diallate	NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	NA	NA	NA	NA	NA	NA	NA
Diethylphthalate	NA	NA	NA	NA	NA	NA	NA
Dimethoate	NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate	NA	NA	NA	NA	NA	NA	NA
Di-n-Butylphthalate	NA	NA	NA	NA	NA	NA	NA
Di-n-Octylphthalate	NA	NA	NA	NA	NA	NA	NA
Diphenylamine	NA	NA	NA	NA	NA	NA	NA
Disulfoton	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NA	NA	NA	NA	NA	NA	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	Parcel ID:	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16
	Sample ID:	J9-23-16-QP-26	J9-23-16-QP-27	J9-23-16-QP-29	J9-23-16-QP-31	J9-23-16-QP-33	J9-23-16-QP-33	J9-23-16-QP-33
	Sample Depth(Feet):	1-3	4-6	0-1	1-3	1-3	3-6	6-10
Parameter	Date Collected:	09/16/02	09/16/02	01/23/01	09/16/02	09/16/02	09/16/02	09/16/02
Semivolatile Organics (continued)								
Fluoranthene		NA	NA	NA	NA	NA	NA	NA
Fluorene		NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene		NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene		NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene		NA	NA	NA	NA	NA	NA	NA
Hexachloroethane		NA	NA	NA	NA	NA	NA	NA
Hexachlorophene		NA	NA	NA	NA	NA	NA	NA
Hexachloropropene		NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene		NA	NA	NA	NA	NA	NA	NA
Isodrin		NA	NA	NA	NA	NA	NA	NA
Isophorone		NA	NA	NA	NA	NA	NA	NA
Isosafrole		NA	NA	NA	NA	NA	NA	NA
Methapyrilene		NA	NA	NA	NA	NA	NA	NA
Methyl Methanesulfonate		NA	NA	NA	NA	NA	NA	NA
Methyl Parathion		NA	NA	NA	NA	NA	NA	NA
Naphthalene		NA	NA	NA	NA	NA	NA	NA
Nitrobenzene		NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiethylamine		NA	ND(1.1)	NA	NA	NA	NA	NA
N-Nitrosodimethylamine		NA	ND(1.1)	NA	NA	NA	NA	NA
N-Nitroso-di-n-butylamine		NA	ND(1.1)	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine		NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine		NA	NA	NA	NA	NA	NA	NA
N-Nitrosomethylethylamine		NA	ND(1.1)	NA	NA	NA	NA	NA
N-Nitrosomorpholine		NA	NA	NA	NA	NA	NA	NA
N-Nitrosopiperidine		NA	NA	NA	NA	NA	NA	NA
N-Nitrosopyrrolidine		NA	NA	NA	NA	NA	NA	NA
o,o,o-Triethylphosphorothioate		NA	NA	NA	NA	NA	NA	NA
o-Toluidine		NA	NA	NA	NA	NA	NA	NA
p-Dimethylaminoazobenzene		NA	NA	NA	NA	NA	NA	NA
Pentachlorobenzene		NA	NA	NA	NA	NA	NA	NA
Pentachloroethane		NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene		NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol		NA	NA	NA	NA	NA	NA	NA
Phenacetin		NA	NA	NA	NA	NA	NA	NA
Phenanthrene		NA	NA	NA	NA	NA	NA	NA
Phenol		NA	NA	NA	NA	NA	NA	NA
Phorate		NA	NA	NA	NA	NA	NA	NA
Pronamide		NA	NA	NA	NA	NA	NA	NA
Pyrene		NA	NA	NA	NA	NA	NA	NA
Pyridine		NA	NA	NA	NA	NA	NA	NA
Safrole		NA	NA	NA	NA	NA	NA	NA
Sulfotep		NA	NA	NA	NA	NA	NA	NA
Thionazin		NA	NA	NA	NA	NA	NA	NA
Organochlorine Pesticides								
4,4'-DDD		NA	NA	NA	NA	NA	NA	NA
4,4'-DDE		NA	NA	NA	NA	NA	NA	NA
4,4'-DDT		NA	NA	NA	NA	NA	NA	NA
Aldrin		NA	NA	NA	NA	NA	NA	NA
Alpha-BHC		NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane		NA	NA	NA	NA	NA	NA	NA
Beta-BHC		NA	NA	NA	NA	NA	NA	NA
Delta-BHC		NA	NA	NA	NA	NA	NA	NA
Dieldrin		NA	NA	NA	NA	NA	NA	NA
Endosulfan I		NA	NA	NA	NA	NA	NA	NA
Endosulfan II		NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate		NA	NA	NA	NA	NA	NA	NA
Endrin		NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde		NA	NA	NA	NA	NA	NA	NA
Endrin Ketone		NA	NA	NA	NA	NA	NA	NA
Famphur		NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)		NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane		NA	NA	NA	NA	NA	NA	NA
Heptachlor		NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide		NA	NA	NA	NA	NA	NA	NA
Kepone		NA	NA	NA	NA	NA	NA	NA
Methoxychlor		NA	NA	NA	NA	NA	NA	NA
Technical Chlordane		NA	NA	NA	NA	NA	NA	NA
Toxaphene		NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	Parcel ID:	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16
	Sample ID:	J9-23-16-QP-26	J9-23-16-QP-27	J9-23-16-QP-29	J9-23-16-QP-31	J9-23-16-QP-33	J9-23-16-QP-33	J9-23-16-QP-33
	Sample Depth(Feet):	1-3	4-6	0-1	1-3	1-3	3-6	6-10
Parameter	Date Collected:	09/16/02	09/16/02	01/23/01	09/16/02	09/16/02	09/16/02	09/16/02
Herbicides								
2,4,5-T		NA	NA	NA	NA	NA	NA	NA
2,4,5-TP		NA	NA	NA	NA	NA	NA	NA
2,4-D		NA	NA	NA	NA	NA	NA	NA
Dinoseb		NA	NA	NA	NA	NA	NA	NA
Furans								
2,3,7,8-TCDF		NA	NA	NA	NA	NA	NA	NA
TCDFs (total)		NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF		NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF		NA	NA	NA	NA	NA	NA	NA
PeCDFs (total)		NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF		NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF		NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF		NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF		NA	NA	NA	NA	NA	NA	NA
HxCDFs (total)		NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF		NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF		NA	NA	NA	NA	NA	NA	NA
HpCDFs (total)		NA	NA	NA	NA	NA	NA	NA
OCDF		NA	NA	NA	NA	NA	NA	NA
Dioxins								
2,3,7,8-TCDD		NA	NA	NA	NA	NA	NA	NA
TCDDs (total)		NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD		NA	NA	NA	NA	NA	NA	NA
PeCDDs (total)		NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD		NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD		NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD		NA	NA	NA	NA	NA	NA	NA
HxCDDs (total)		NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		NA	NA	NA	NA	NA	NA	NA
HpCDDs (total)		NA	NA	NA	NA	NA	NA	NA
OCDD		NA	NA	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)		NA	NA	NA	NA	NA	NA	NA
Inorganics								
Antimony		NA	NA	ND(0.700) J	NA	NA	NA	NA
Arsenic		NA	NA	3.90 J	NA	NA	NA	NA
Barium		NA	NA	82.9	NA	NA	NA	NA
Beryllium		NA	NA	0.190	NA	NA	NA	NA
Cadmium		NA	NA	0.850	NA	NA	NA	NA
Chromium		NA	NA	53.4	NA	NA	NA	NA
Cobalt		NA	NA	10.5	NA	NA	NA	NA
Copper		NA	NA	179	NA	NA	NA	NA
Cyanide		NA	NA	ND(1.20)	NA	NA	NA	NA
Lead		360	NA	308 J	12000	1300	1400	8500
Mercury		NA	NA	0.0931	NA	NA	NA	NA
Nickel		NA	NA	64.7	NA	NA	NA	NA
Selenium		NA	NA	0.260 J	NA	NA	NA	NA
Silver		NA	NA	ND(0.630)	NA	NA	NA	NA
Sulfide		NA	NA	ND(24.0)	NA	NA	NA	NA
Thallium		NA	NA	ND(0.260)	NA	NA	NA	NA
Tin		NA	NA	18.9	NA	NA	NA	NA
Vanadium		NA	NA	15.4	NA	NA	NA	NA
Zinc		NA	NA	240 J	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16
	Sample ID:	J9-23-16-QP-34	J9-23-16-QP-34	J9-23-16-QP-34	J9-23-16-QP-35	J9-23-16-QP-35	J9-23-16-QP-35	J9-23-16-QP-35
	Sample Depth(Feet):	1-3	3-6	6-10	0-1	1-3	3-6	6-10
	Date Collected:	09/16/02	09/16/02	09/16/02	09/16/02	09/16/02	09/16/02	09/16/02
Volatile Organics								
1,1,1,2-Tetrachloroethane		NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane		NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane		NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane		NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane		NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene		NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane		NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane		NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane		NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane		NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane		NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane		NA	NA	NA	NA	NA	NA	NA
2-Butanone		NA	NA	NA	NA	NA	NA	NA
2-Chloro-1,3-butadiene		NA	NA	NA	NA	NA	NA	NA
2-Chloroethylvinylether		NA	NA	NA	NA	NA	NA	NA
2-Hexanone		NA	NA	NA	NA	NA	NA	NA
3-Chloropropene		NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone		NA	NA	NA	NA	NA	NA	NA
Acetone		NA	NA	NA	NA	NA	NA	NA
Acetonitrile		NA	NA	NA	NA	NA	NA	NA
Acrolein		NA	NA	NA	NA	NA	NA	NA
Acrylonitrile		NA	NA	NA	NA	NA	NA	NA
Benzene		NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane		NA	NA	NA	NA	NA	NA	NA
Bromoform		NA	NA	NA	NA	NA	NA	NA
Bromomethane		NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide		NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride		NA	NA	NA	NA	NA	NA	NA
Chlorobenzene		NA	NA	NA	NA	NA	NA	NA
Chloroethane		NA	NA	NA	NA	NA	NA	NA
Chloroform		NA	NA	NA	NA	NA	NA	NA
Chloromethane		NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene		NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane		NA	NA	NA	NA	NA	NA	NA
Dibromomethane		NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane		NA	NA	NA	NA	NA	NA	NA
Ethyl Methacrylate		NA	NA	NA	NA	NA	NA	NA
Ethylbenzene		NA	NA	NA	NA	NA	NA	NA
Iodomethane		NA	NA	NA	NA	NA	NA	NA
Isobutanol		NA	NA	NA	NA	NA	NA	NA
m&p-Xylene		NA	NA	NA	NA	NA	NA	NA
Methacrylonitrile		NA	NA	NA	NA	NA	NA	NA
Methyl Methacrylate		NA	NA	NA	NA	NA	NA	NA
Methylene Chloride		NA	NA	NA	NA	NA	NA	NA
o-Xylene		NA	NA	NA	NA	NA	NA	NA
Propionitrile		NA	NA	NA	NA	NA	NA	NA
Styrene		NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene		NA	NA	NA	NA	NA	NA	NA
Toluene		NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene		NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene		NA	NA	NA	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene		NA	NA	NA	NA	NA	NA	NA
Trichloroethene		NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane		NA	NA	NA	NA	NA	NA	NA
Vinyl Acetate		NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride		NA	NA	NA	NA	NA	NA	NA
Xylenes (total)		NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics								
1,2,4,5-Tetrachlorobenzene		NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene		NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene		NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine		NA	NA	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene		NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene		NA	NA	NA	NA	NA	NA	NA
1,3-Dinitrobenzene		NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene		NA	NA	NA	NA	NA	NA	NA
1,4-Naphthoquinone		NA	NA	NA	NA	NA	NA	NA
1-Naphthylamine		NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	Parcel ID:	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16
	Sample ID:	J9-23-16-QP-34	J9-23-16-QP-34	J9-23-16-QP-34	J9-23-16-QP-35	J9-23-16-QP-35	J9-23-16-QP-35	J9-23-16-QP-35
	Sample Depth(Feet):	1-3	3-6	6-10	0-1	1-3	3-6	6-10
Parameter	Date Collected:	09/16/02	09/16/02	09/16/02	09/16/02	09/16/02	09/16/02	09/16/02
Semivolatile Organics (continued)								
2,3,4,6-Tetrachlorophenol		NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol		NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol		NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol		NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol		NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol		NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene		NA	NA	NA	NA	NA	NA	NA
2,6-Dichlorophenol		NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene		NA	NA	NA	NA	NA	NA	NA
2-Acetylaminofluorene		NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene		NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol		NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene		NA	NA	NA	NA	NA	NA	NA
2-Methylphenol		NA	NA	NA	NA	NA	NA	NA
2-Naphthylamine		NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline		NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol		NA	NA	NA	NA	NA	NA	NA
2-Picoline		NA	NA	NA	NA	NA	NA	NA
3&4-Methylphenol		NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine		NA	NA	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine		NA	NA	NA	NA	NA	NA	NA
3-Methylcholanthrene		NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline		NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol		NA	NA	NA	NA	NA	NA	NA
4-Aminobiphenyl		NA	NA	NA	NA	NA	NA	NA
4-Bromophenyl-phenylether		NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol		NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline		NA	NA	NA	NA	NA	NA	NA
4-Chlorobenzilate		NA	NA	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether		NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline		NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol		NA	NA	NA	NA	NA	NA	NA
4-Nitroquinoline-1-oxide		NA	NA	NA	NA	NA	NA	NA
4-Phenylenediamine		NA	NA	NA	NA	NA	NA	NA
5-Nitro-o-toluidine		NA	NA	NA	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene		NA	NA	NA	NA	NA	NA	NA
a,a'-Dimethylphenethylamine		NA	NA	NA	NA	NA	NA	NA
Acenaphthene		NA	NA	NA	NA	NA	NA	NA
Acenaphthylene		NA	NA	NA	NA	NA	NA	NA
Acetophenone		NA	NA	NA	NA	NA	NA	NA
Aniline		NA	NA	NA	NA	NA	NA	NA
Anthracene		NA	NA	NA	NA	NA	NA	NA
Aramite		NA	NA	NA	NA	NA	NA	NA
Benzidine		NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene		NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene		NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene		NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene		NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene		NA	NA	NA	NA	NA	NA	NA
Benzyl Alcohol		NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane		NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether		NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether		NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate		NA	NA	NA	NA	NA	NA	NA
Butylbenzylphthalate		NA	NA	NA	NA	NA	NA	NA
Chrysene		NA	NA	NA	NA	NA	NA	NA
Diallate		NA	NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene		NA	NA	NA	NA	NA	NA	NA
Dibenzofuran		NA	NA	NA	NA	NA	NA	NA
Diethylphthalate		NA	NA	NA	NA	NA	NA	NA
Dimethoate		NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate		NA	NA	NA	NA	NA	NA	NA
Di-n-Butylphthalate		NA	NA	NA	NA	NA	NA	NA
Di-n-Octylphthalate		NA	NA	NA	NA	NA	NA	NA
Diphenylamine		NA	NA	NA	NA	NA	NA	NA
Disulfoton		NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate		NA	NA	NA	NA	NA	NA	NA
Ethyl Parathion		NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	J9-23-16 / J9-23-16-QP-34 / 1-3 / 09/16/02	J9-23-16 / J9-23-16-QP-34 / 3-6 / 09/16/02	J9-23-16 / J9-23-16-QP-34 / 6-10 / 09/16/02	J9-23-16 / J9-23-16-QP-35 / 0-1 / 09/16/02	J9-23-16 / J9-23-16-QP-35 / 1-3 / 09/16/02	J9-23-16 / J9-23-16-QP-35 / 3-6 / 09/16/02	J9-23-16 / J9-23-16-QP-35 / 6-10 / 09/16/02
Semivolatile Organics (continued)							
Fluoranthene	NA	NA	NA	NA	NA	NA	NA
Fluorene	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	NA	NA	NA	NA	NA	NA	NA
Hexachlorophene	NA	NA	NA	NA	NA	NA	NA
Hexachloropropene	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	NA	NA	NA	NA	NA	NA	NA
Isodrin	NA	NA	NA	NA	NA	NA	NA
Isophorone	NA	NA	NA	NA	NA	NA	NA
Isosafrole	NA	NA	NA	NA	NA	NA	NA
Methapyrilene	NA	NA	NA	NA	NA	NA	NA
Methyl Methanesulfonate	NA	NA	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA	NA
Naphthalene	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiethylamine	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	NA	NA	NA	NA	NA	NA	NA
N-Nitroso-di-n-butylamine	NA	NA	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	NA	NA	NA	NA	NA	NA	NA
N-Nitrosomethylethylamine	NA	NA	NA	NA	NA	NA	NA
N-Nitrosomorpholine	NA	NA	NA	NA	NA	NA	NA
N-Nitrosopiperidine	NA	NA	NA	NA	NA	NA	NA
N-Nitrosopyrrolidine	NA	NA	NA	NA	NA	NA	NA
o,o,o-Triethylphosphorothioate	NA	NA	NA	NA	NA	NA	NA
o-Toluidine	NA	NA	NA	NA	NA	NA	NA
p-Dimethylaminoazobenzene	NA	NA	NA	NA	NA	NA	NA
Pentachlorobenzene	NA	NA	NA	NA	NA	NA	NA
Pentachloroethane	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	NA	NA	NA	NA	NA	NA	NA
Phenacetin	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NA	NA	NA	NA	NA	NA	NA
Phenol	NA	NA	NA	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA	NA
Pronamide	NA	NA	NA	NA	NA	NA	NA
Pyrene	NA	NA	NA	NA	NA	NA	NA
Pyridine	NA	NA	NA	NA	NA	NA	NA
Safrole	NA	NA	NA	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA	NA
Thionazin	NA	NA	NA	NA	NA	NA	NA
Organochlorine Pesticides							
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	Parcel ID:	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16	J9-23-16
	Sample ID:	J9-23-16-QP-34	J9-23-16-QP-34	J9-23-16-QP-34	J9-23-16-QP-35	J9-23-16-QP-35	J9-23-16-QP-35	J9-23-16-QP-35
	Sample Depth(Feet):	1-3	3-6	6-10	0-1	1-3	3-6	6-10
Parameter	Date Collected:	09/16/02	09/16/02	09/16/02	09/16/02	09/16/02	09/16/02	09/16/02
Herbicides								
2,4,5-T		NA	NA	NA	NA	NA	NA	NA
2,4,5-TP		NA	NA	NA	NA	NA	NA	NA
2,4-D		NA	NA	NA	NA	NA	NA	NA
Dinoseb		NA	NA	NA	NA	NA	NA	NA
Furans								
2,3,7,8-TCDF		NA	NA	NA	NA	NA	NA	NA
TCDFs (total)		NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF		NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF		NA	NA	NA	NA	NA	NA	NA
PeCDFs (total)		NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF		NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF		NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF		NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF		NA	NA	NA	NA	NA	NA	NA
HxCDFs (total)		NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF		NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF		NA	NA	NA	NA	NA	NA	NA
HpCDFs (total)		NA	NA	NA	NA	NA	NA	NA
OCDF		NA	NA	NA	NA	NA	NA	NA
Dioxins								
2,3,7,8-TCDD		NA	NA	NA	NA	NA	NA	NA
TCDDs (total)		NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD		NA	NA	NA	NA	NA	NA	NA
PeCDDs (total)		NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD		NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD		NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD		NA	NA	NA	NA	NA	NA	NA
HxCDDs (total)		NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		NA	NA	NA	NA	NA	NA	NA
HpCDDs (total)		NA	NA	NA	NA	NA	NA	NA
OCDD		NA	NA	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)		NA	NA	NA	NA	NA	NA	NA
Inorganics								
Antimony		NA	NA	NA	NA	NA	NA	NA
Arsenic		NA	NA	NA	NA	NA	NA	NA
Barium		NA	NA	NA	NA	NA	NA	NA
Beryllium		NA	NA	NA	NA	NA	NA	NA
Cadmium		NA	NA	NA	NA	NA	NA	NA
Chromium		NA	NA	NA	NA	NA	NA	NA
Cobalt		NA	NA	NA	NA	NA	NA	NA
Copper		NA	NA	NA	NA	NA	NA	NA
Cyanide		NA	NA	NA	NA	NA	NA	NA
Lead		20000	9700 [9000]	3300	13.0	22.0	6000	9200
Mercury		NA	NA	NA	NA	NA	NA	NA
Nickel		NA	NA	NA	NA	NA	NA	NA
Selenium		NA	NA	NA	NA	NA	NA	NA
Silver		NA	NA	NA	NA	NA	NA	NA
Sulfide		NA	NA	NA	NA	NA	NA	NA
Thallium		NA	NA	NA	NA	NA	NA	NA
Tin		NA	NA	NA	NA	NA	NA	NA
Vanadium		NA	NA	NA	NA	NA	NA	NA
Zinc		NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	Sample ID:	Sample Depth(Feet):	Date Collected:	J9-23-17 J9-23-17-D-9 0-1 03/08/01	J9-23-17 J9-23-17-H-9 0-1 03/08/01	J9-23-17 J9-23-17-IA-40 1-3 09/19/02	J9-23-17 J9-23-17-IA-40 3-6 09/19/02	J9-23-17 J9-23-17-IA-40 6-10 09/19/02	J9-23-17 J9-23-17-IA-63 0-1 09/19/02	J9-23-17 J9-23-17-IA-72 0-1 09/19/02
Volatile Organics											
1,1,1,2-Tetrachloroethane					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
1,1,1-Trichloroethane					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
1,1,2-Trichloroethane					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
1,1-Dichloroethane					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
1,1-Dichloroethene					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
1,2,3-Trichloropropane					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
1,2-Dibromoethane					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
1,2-Dichloroethane					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
1,2-Dichloropropane					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
1,4-Dioxane					ND(1.3) J	ND(1.2) J	NA	NA	NA	NA	NA
2-Butanone					ND(0.013)	ND(0.012)	NA	NA	NA	NA	NA
2-Chloro-1,3-butadiene					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
2-Chloroethylvinylether					ND(0.013)	ND(0.012)	NA	NA	NA	NA	NA
2-Hexanone					ND(0.013)	ND(0.012)	NA	NA	NA	NA	NA
3-Chloropropene					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
4-Methyl-2-pentanone					ND(0.013)	ND(0.012)	NA	NA	NA	NA	NA
Acetone					0.0050 J	0.011 J	NA	NA	NA	NA	NA
Acetonitrile					ND(0.13) J	ND(0.12) J	NA	NA	NA	NA	NA
Acrolein					ND(0.13)	ND(0.12)	NA	NA	NA	NA	NA
Acrylonitrile					ND(0.13)	ND(0.12)	NA	NA	NA	NA	NA
Benzene					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
Bromodichloromethane					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
Bromoform					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
Bromomethane					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
Carbon Disulfide					ND(0.013)	ND(0.012)	NA	NA	NA	NA	NA
Carbon Tetrachloride					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
Chlorobenzene					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
Chloroethane					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
Chloroform					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
Chloromethane					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
Dibromochloromethane					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
Dibromomethane					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
Dichlorodifluoromethane					ND(0.0066) J	ND(0.0058) J	NA	NA	NA	NA	NA
Ethyl Methacrylate					ND(0.013)	ND(0.012)	NA	NA	NA	NA	NA
Ethylbenzene					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
Iodomethane					ND(0.013)	ND(0.012)	NA	NA	NA	NA	NA
Isobutanol					ND(0.26) J	ND(0.23) J	NA	NA	NA	NA	NA
m&p-Xylene					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
Methacrylonitrile					ND(0.13)	ND(0.12)	NA	NA	NA	NA	NA
Methyl Methacrylate					ND(0.013)	ND(0.012)	NA	NA	NA	NA	NA
Methylene Chloride					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
o-Xylene					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
Propionitrile					ND(0.13)	ND(0.12)	NA	NA	NA	NA	NA
Styrene					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
Tetrachloroethene					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
Toluene					0.0029 J	0.0018 J	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
Trichloroethene					ND(0.0066)	0.0029 J	NA	NA	NA	NA	NA
Trichlorofluoromethane					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
Vinyl Acetate					ND(0.013)	ND(0.012)	NA	NA	NA	NA	NA
Vinyl Chloride					ND(0.0066)	ND(0.0058)	NA	NA	NA	NA	NA
Xylenes (total)					NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics											
1,2,4,5-Tetrachlorobenzene					ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene					ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
1,2-Dichlorobenzene					ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine					ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene					ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
1,3-Dichlorobenzene					ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
1,3-Dinitrobenzene					ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
1,4-Dichlorobenzene					ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
1,4-Naphthoquinone					ND(2.2)	ND(2.0)	NA	NA	NA	NA	NA
1-Naphthylamine					ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17
	Sample ID:	J9-23-17-D-9	J9-23-17-H-9	J9-23-17-IA-40	J9-23-17-IA-40	J9-23-17-IA-40	J9-23-17-IA-63	J9-23-17-IA-72
	Sample Depth(Feet):	0-1	0-1	1-3	3-6	6-10	0-1	0-1
	Date Collected:	03/08/01	03/08/01	09/19/02	09/19/02	09/19/02	09/19/02	09/19/02
Semivolatile Organics (continued)								
2,3,4,6-Tetrachlorophenol		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
2,4-Dichlorophenol		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
2,4-Dimethylphenol		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
2,4-Dinitrophenol		ND(2.2)	ND(2.0)	NA	NA	NA	NA	NA
2,4-Dinitrotoluene		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
2,6-Dichlorophenol		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
2,6-Dinitrotoluene		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
2-Acetylaminofluorene		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
2-Chloronaphthalene		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
2-Chlorophenol		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
2-Methylnaphthalene		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
2-Methylphenol		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
2-Naphthylamine		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
2-Nitroaniline		ND(2.2)	ND(2.0)	NA	NA	NA	NA	NA
2-Nitrophenol		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
2-Picoline		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
3&4-Methylphenol		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine		R	R	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
3-Methylcholanthrene		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
3-Nitroaniline		ND(2.2)	ND(2.0)	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol		ND(2.2)	ND(2.0)	NA	NA	NA	NA	NA
4-Aminobiphenyl		ND(2.2)	ND(2.0)	NA	NA	NA	NA	NA
4-Bromophenyl-phenylether		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
4-Chloroaniline		R	R	NA	NA	NA	NA	NA
4-Chlorobenzilate		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
4-Chlorophenyl-phenylether		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
4-Nitroaniline		ND(2.2)	ND(2.0)	NA	NA	NA	NA	NA
4-Nitrophenol		ND(2.2)	ND(2.0)	NA	NA	NA	NA	NA
4-Nitroquinoline-1-oxide		ND(2.2)	ND(2.0)	NA	NA	NA	NA	NA
4-Phenylenediamine		ND(2.2) J	ND(2.0) J	NA	NA	NA	NA	NA
5-Nitro-o-toluidine		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
a,a'-Dimethylphenethylamine		ND(2.2)	ND(2.0)	NA	NA	NA	NA	NA
Acenaphthene		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Acenaphthylene		ND(0.44)	0.051 J	NA	NA	NA	NA	NA
Acetophenone		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Aniline		ND(0.44) J	ND(0.39) J	NA	NA	NA	NA	NA
Anthracene		0.054 J	0.066 J	NA	NA	NA	NA	NA
Aramite		ND(2.2)	ND(2.0)	NA	NA	NA	NA	NA
Benzidine		ND(4.4) J	ND(3.9) J	NA	NA	NA	NA	NA
Benzo(a)anthracene		0.18 J	0.21 J	NA	NA	NA	NA	NA
Benzo(a)pyrene		0.20 J	0.22 J	NA	NA	NA	NA	NA
Benzo(b)fluoranthene		0.21 J	0.22 J	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene		0.17 J	0.18 J	NA	NA	NA	NA	NA
Benzo(k)fluoranthene		0.17 J	0.19 J	NA	NA	NA	NA	NA
Benzyl Alcohol		ND(2.2)	ND(2.0)	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether		ND(0.44) J	ND(0.39) J	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Butylbenzylphthalate		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Chrysene		0.22 J	0.24 J	NA	NA	NA	NA	NA
Diallate		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Dibenzo(a,h)anthracene		ND(0.44)	0.070 J	NA	NA	NA	NA	NA
Dibenzofuran		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Diethylphthalate		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Dimethoate		NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Di-n-Butylphthalate		0.056 J	0.064 J	NA	NA	NA	NA	NA
Di-n-Octylphthalate		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Diphenylamine		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Disulfoton		NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate		ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Ethyl Parathion		NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17
Sample ID:	J9-23-17-D-9	J9-23-17-H-9	J9-23-17-IA-40	J9-23-17-IA-40	J9-23-17-IA-40	J9-23-17-IA-63	J9-23-17-IA-72
Sample Depth(Feet):	0-1	0-1	1-3	3-6	6-10	0-1	0-1
Parameter Date Collected:	03/08/01	03/08/01	09/19/02	09/19/02	09/19/02	09/19/02	09/19/02
Semivolatile Organics (continued)							
Fluoranthene	0.35 J	0.38 J	NA	NA	NA	NA	NA
Fluorene	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Hexachlorobenzene	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Hexachlorobutadiene	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Hexachloroethane	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Hexachlorophene	ND(0.66) J	ND(0.59) J	NA	NA	NA	NA	NA
Hexachloropropene	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.14 J	0.16 J	NA	NA	NA	NA	NA
Isodrin	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Isophorone	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Isosafrole	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Methapyrilene	ND(2.2)	ND(2.0)	NA	NA	NA	NA	NA
Methyl Methanesulfonate	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Nitrobenzene	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
N-Nitrosodiethylamine	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
N-Nitroso-di-n-butylamine	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
N-Nitrosomethylethylamine	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
N-Nitrosomorpholine	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
N-Nitrosopiperidine	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
N-Nitrosopyrrolidine	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
o,o,o-Triethylphosphorothioate	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
o-Toluidine	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
p-Dimethylaminoazobenzene	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Pentachlorobenzene	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Pentachloroethane	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Pentachloronitrobenzene	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Pentachlorophenol	ND(2.2)	ND(2.0)	NA	NA	NA	NA	NA
Phenacetin	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Phenanthrene	0.19 J	0.16 J	NA	NA	NA	NA	NA
Phenol	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA	NA
Pronamide	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Pyrene	0.34 J	0.29 J	NA	NA	NA	NA	NA
Pyridine	ND(2.2)	ND(2.0)	NA	NA	NA	NA	NA
Safrole	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA	NA
Thionazin	ND(0.44)	ND(0.39)	NA	NA	NA	NA	NA
Organochlorine Pesticides							
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	Parcel ID:	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17
	Sample ID:	J9-23-17-D-9	J9-23-17-H-9	J9-23-17-IA-40	J9-23-17-IA-40	J9-23-17-IA-40	J9-23-17-IA-63	J9-23-17-IA-72
	Sample Depth(Feet):	0-1	0-1	1-3	3-6	6-10	0-1	0-1
Parameter	Date Collected:	03/08/01	03/08/01	09/19/02	09/19/02	09/19/02	09/19/02	09/19/02
Herbicides								
2,4,5-T		NA	NA	NA	NA	NA	NA	NA
2,4,5-TP		NA	NA	NA	NA	NA	NA	NA
2,4-D		NA	NA	NA	NA	NA	NA	NA
Dinoseb		NA	NA	NA	NA	NA	NA	NA
Furans								
2,3,7,8-TCDF		0.00061 J	0.0036 D	NA	NA	NA	0.000059 Y	0.000040 Y
TCDFs (total)		0.0028	0.011	NA	NA	NA	0.00050	0.00026
1,2,3,7,8-PeCDF		0.00025	0.00039	NA	NA	NA	0.000035	0.000049
2,3,4,7,8-PeCDF		0.00029	0.0010 DJ	NA	NA	NA	0.000034	0.000023
PeCDFs (total)		0.0022	0.0063	NA	NA	NA	0.00042 Q	0.00035
1,2,3,4,7,8-HxCDF		0.00080 J	0.0020 DJ	NA	NA	NA	0.000053	0.000030
1,2,3,6,7,8-HxCDF		0.00031	0.00070 DJ	NA	NA	NA	ND(0.000034) X	0.000014
1,2,3,7,8,9-HxCDF		0.000038	0.000068	NA	NA	NA	0.0000077 J	0.0000049 J
2,3,4,6,7,8-HxCDF		0.00011	0.00029	NA	NA	NA	0.000041	0.000027
HxCDFs (total)		0.0023	0.0042	NA	NA	NA	0.00048	0.00038
1,2,3,4,6,7,8-HpCDF		0.00047	0.0018 DJ	NA	NA	NA	0.000096	0.000069
1,2,3,4,7,8,9-HpCDF		0.00010	0.00015	NA	NA	NA	0.000012 J	0.0000054 J
HpCDFs (total)		0.00075	0.0019	NA	NA	NA	0.00017	0.00013
OCDF		0.00034	0.00061	NA	NA	NA	0.000083	0.000039
Dioxins								
2,3,7,8-TCDD		0.000015	0.0000060	NA	NA	NA	ND(0.0000013)	ND(0.00000037) X
TCDDs (total)		0.000068	0.00018	NA	NA	NA	0.0000036	0.0000025
1,2,3,7,8-PeCDD		0.000025	0.000017	NA	NA	NA	ND(0.0000028)	ND(0.0000012) X
PeCDDs (total)		0.00011	0.00024	NA	NA	NA	0.0000066 Q	0.0000058
1,2,3,4,7,8-HxCDD		0.000014	0.000013	NA	NA	NA	0.0000012 J	0.0000013 J
1,2,3,6,7,8-HxCDD		0.000029	0.000028	NA	NA	NA	0.0000025 J	0.0000020 J
1,2,3,7,8,9-HxCDD		0.000028	0.000030	NA	NA	NA	0.0000025 J	0.0000015 J
HxCDDs (total)		0.00025	0.00042	NA	NA	NA	0.000022	0.000025
1,2,3,4,6,7,8-HpCDD		0.00019	0.00018	NA	NA	NA	0.000026	0.000022
HpCDDs (total)		0.00038	0.00040	NA	NA	NA	0.000057	0.000051
OCDD		0.00046	0.00036	NA	NA	NA	0.00040	0.00015
Total TEQs (WHO TEFs)		0.00040	0.0012	NA	NA	NA	0.000041	0.000028
Inorganics								
Antimony		ND(1.20)	ND(1.00)	NA	NA	NA	NA	NA
Arsenic		6.40	9.60	NA	NA	NA	NA	NA
Barium		65.0	41.7	NA	NA	NA	NA	NA
Beryllium		ND(0.0300)	ND(0.0200)	NA	NA	NA	NA	NA
Cadmium		0.630 B	0.580	NA	NA	NA	NA	NA
Chromium		13.2 J	10.7 J	NA	NA	NA	NA	NA
Cobalt		7.30	9.80	NA	NA	NA	NA	NA
Copper		217	141	NA	NA	NA	NA	NA
Cyanide		ND(1.32)	ND(1.17)	NA	NA	NA	NA	NA
Lead		291	116	190 J	910 J	8600 J	NA	NA
Mercury		0.130	0.110	NA	NA	NA	NA	NA
Nickel		15.7	18.1	NA	NA	NA	NA	NA
Selenium		ND(0.350)	ND(0.300)	NA	NA	NA	NA	NA
Silver		0.990 B	0.900 B	NA	NA	NA	NA	NA
Sulfide		ND(26.4)	ND(23.4)	NA	NA	NA	NA	NA
Thallium		ND(0.180)	0.210 B	NA	NA	NA	NA	NA
Tin		18.3 B	11.3 B	NA	NA	NA	NA	NA
Vanadium		9.70	8.50	NA	NA	NA	NA	NA
Zinc		269	154	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17
Sample ID:	J9-23-17-IA-72	J9-23-17-IA-82	J9-23-17-IA-82	J9-23-17-IA-91	J9-23-17-IA-92	J9-23-17-IA-93	J9-23-17-IA-94
Sample Depth(Feet):	1-3	0-1	1-3	1-3	1-3	0-1	0-1
Parameter Date Collected:	09/19/02	09/19/02	09/19/02	01/24/00	01/24/00	01/26/00	09/19/02
Volatile Organics							
1,1,1,2-Tetrachloroethane	NA	NA	ND(0.0055)	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
1,1,1-Trichloroethane	NA	NA	ND(0.0055)	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
1,1,2,2-Tetrachloroethane	NA	NA	ND(0.0055)	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
1,1,2-Trichloroethane	NA	NA	ND(0.0055)	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
1,1-Dichloroethane	NA	NA	ND(0.0055)	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
1,1-Dichloroethene	NA	NA	ND(0.0055)	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
1,2,3-Trichloropropane	NA	NA	ND(0.0055)	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
1,2-Dibromo-3-chloropropane	NA	NA	ND(0.0055)	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
1,2-Dibromoethane	NA	NA	ND(0.0055)	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
1,2-Dichloroethane	NA	NA	ND(0.0055)	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
1,2-Dichloropropane	NA	NA	ND(0.0055)	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
1,4-Dioxane	NA	NA	ND(0.11) J	ND(0.66) J	ND(0.20) J	ND(0.20) J	NA
2-Butanone	NA	NA	ND(0.011)	ND(0.10)	ND(0.10)	ND(0.10)	NA
2-Chloro-1,3-butadiene	NA	NA	ND(0.0055)	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
2-Chloroethylvinylether	NA	NA	ND(0.0055) J	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
2-Hexanone	NA	NA	ND(0.011)	ND(0.066)	ND(0.012)	ND(0.014)	NA
3-Chloropropene	NA	NA	ND(0.0055)	ND(0.066)	ND(0.012)	ND(0.014)	NA
4-Methyl-2-pentanone	NA	NA	ND(0.011)	ND(0.066)	ND(0.012)	ND(0.014)	NA
Acetone	NA	NA	ND(0.022)	0.079	0.029	0.057	NA
Acetonitrile	NA	NA	ND(0.11)	ND(0.66)	ND(0.12)	ND(0.14)	NA
Acrolein	NA	NA	ND(0.11) J	ND(0.66) J	ND(0.12) J	ND(0.14) J	NA
Acrylonitrile	NA	NA	ND(0.0055)	ND(0.066)	ND(0.012)	ND(0.014)	NA
Benzene	NA	NA	ND(0.0055)	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
Bromodichloromethane	NA	NA	ND(0.0055)	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
Bromoform	NA	NA	ND(0.0055)	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
Bromomethane	NA	NA	ND(0.0055)	ND(0.066)	ND(0.012)	ND(0.014)	NA
Carbon Disulfide	NA	NA	ND(0.0055)	ND(0.033)	ND(0.010)	ND(0.010)	NA
Carbon Tetrachloride	NA	NA	ND(0.0055) J	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
Chlorobenzene	NA	NA	ND(0.0055)	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
Chloroethane	NA	NA	ND(0.0055)	ND(0.066)	ND(0.012)	ND(0.014)	NA
Chloroform	NA	NA	ND(0.0055)	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
Chloromethane	NA	NA	ND(0.0055) J	ND(0.066)	ND(0.012)	ND(0.014)	NA
cis-1,3-Dichloropropene	NA	NA	ND(0.0055)	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
Dibromochloromethane	NA	NA	ND(0.0055)	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
Dibromomethane	NA	NA	ND(0.0055)	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
Dichlorodifluoromethane	NA	NA	ND(0.0055) J	ND(0.066)	ND(0.012)	ND(0.014)	NA
Ethyl Methacrylate	NA	NA	ND(0.0055)	ND(0.066)	ND(0.012)	ND(0.014)	NA
Ethylbenzene	NA	NA	ND(0.0055)	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
Iodomethane	NA	NA	ND(0.0055)	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
Isobutanol	NA	NA	ND(0.11) J	ND(1.3) J	ND(0.23) J	ND(0.28) J	NA
m&p-Xylene	NA	NA	NA	NA	NA	NA	NA
Methacrylonitrile	NA	NA	ND(0.0055)	ND(0.066)	ND(0.012)	ND(0.014)	NA
Methyl Methacrylate	NA	NA	ND(0.0055)	ND(0.066)	ND(0.012)	ND(0.014)	NA
Methylene Chloride	NA	NA	ND(0.0055)	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
o-Xylene	NA	NA	NA	NA	NA	NA	NA
Propionitrile	NA	NA	ND(0.011)	ND(0.33)	ND(0.058)	ND(0.070)	NA
Styrene	NA	NA	ND(0.0055)	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
Tetrachloroethene	NA	NA	ND(0.0055)	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
Toluene	NA	NA	ND(0.0055)	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
trans-1,2-Dichloroethene	NA	NA	ND(0.0055)	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
trans-1,3-Dichloropropene	NA	NA	ND(0.0055)	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
trans-1,4-Dichloro-2-butene	NA	NA	ND(0.0055)	ND(0.066)	ND(0.012)	ND(0.014)	NA
Trichloroethene	NA	NA	ND(0.0055)	ND(0.033)	ND(0.0058)	0.0098	NA
Trichlorofluoromethane	NA	NA	ND(0.0055) J	ND(0.033)	ND(0.0058)	ND(0.0070)	NA
Vinyl Acetate	NA	NA	ND(0.0055)	ND(0.066)	ND(0.012)	ND(0.014)	NA
Vinyl Chloride	NA	NA	ND(0.0055)	ND(0.066)	ND(0.012)	ND(0.014)	NA
Xylenes (total)	NA	NA	ND(0.0055)	ND(0.033)	ND(0.012)	ND(0.014)	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
1,2,4-Trichlorobenzene	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	2.2	NA
1,2-Dichlorobenzene	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
1,2-Diphenylhydrazine	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
1,3,5-Trinitrobenzene	NA	NA	ND(0.37)	ND(0.88)	ND(0.77)	ND(0.94)	NA
1,3-Dichlorobenzene	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
1,3-Dinitrobenzene	NA	NA	ND(0.74)	ND(2.2)	ND(2.0)	ND(2.4)	NA
1,4-Dichlorobenzene	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
1,4-Naphthoquinone	NA	NA	ND(0.74)	ND(2.2)	ND(2.0)	ND(2.4)	NA
1-Naphthylamine	NA	NA	ND(0.74)	ND(2.2)	ND(2.0)	ND(2.4)	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	J9-23-17 / J9-23-17-IA-72 / 1-3 / 09/19/02	J9-23-17 / J9-23-17-IA-82 / 0-1 / 09/19/02	J9-23-17 / J9-23-17-IA-82 / 1-3 / 09/19/02	J9-23-17 / J9-23-17-IA-91 / 1-3 / 01/24/00	J9-23-17 / J9-23-17-IA-92 / 1-3 / 01/24/00	J9-23-17 / J9-23-17-IA-93 / 0-1 / 01/26/00	J9-23-17 / J9-23-17-IA-94 / 0-1 / 09/19/02
Semivolatile Organics (continued)							
2,3,4,6-Tetrachlorophenol	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
2,4,5-Trichlorophenol	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
2,4,6-Trichlorophenol	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
2,4-Dichlorophenol	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
2,4-Dimethylphenol	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
2,4-Dinitrophenol	NA	NA	ND(1.9)	ND(2.2) J	ND(2.0) J	ND(2.4) J	NA
2,4-Dinitrotoluene	NA	NA	ND(0.37)	ND(2.2)	ND(2.0)	ND(2.4)	NA
2,6-Dichlorophenol	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
2,6-Dinitrotoluene	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
2-Acetylaminofluorene	NA	NA	ND(0.74) J	ND(0.88)	ND(0.77)	ND(0.94)	NA
2-Chloronaphthalene	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
2-Chlorophenol	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
2-Methylnaphthalene	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
2-Methylphenol	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
2-Naphthylamine	NA	NA	ND(0.74)	ND(2.2)	ND(2.0)	ND(2.4)	NA
2-Nitroaniline	NA	NA	ND(1.9)	ND(2.2)	ND(2.0)	ND(2.4)	NA
2-Nitrophenol	NA	NA	ND(0.74)	ND(0.88) J	ND(0.77) J	ND(0.94) J	NA
2-Picoline	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
3&4-Methylphenol	NA	NA	ND(0.74)	ND(0.88)	ND(0.77)	ND(0.94)	NA
3,3'-Dichlorobenzidine	NA	NA	ND(0.74)	ND(2.2)	ND(2.0)	ND(2.4)	NA
3,3'-Dimethylbenzidine	NA	NA	ND(0.37) J	ND(2.2)	ND(2.0)	ND(2.4)	NA
3-Methylcholanthrene	NA	NA	ND(0.74)	ND(0.88)	ND(0.77)	ND(0.94)	NA
3-Nitroaniline	NA	NA	ND(1.9)	ND(2.2)	ND(2.0)	ND(2.4)	NA
4,6-Dinitro-2-methylphenol	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
4-Aminobiphenyl	NA	NA	ND(0.74)	ND(0.88)	ND(0.77)	ND(0.94)	NA
4-Bromophenyl-phenylether	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
4-Chloro-3-Methylphenol	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
4-Chloroaniline	NA	NA	ND(0.37)	ND(0.88)	ND(0.77)	ND(0.94)	NA
4-Chlorobenzilate	NA	NA	ND(0.74)	ND(2.2)	ND(2.0)	ND(2.4)	NA
4-Chlorophenyl-phenylether	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
4-Nitroaniline	NA	NA	ND(1.9)	ND(2.2)	ND(2.0)	ND(2.4)	NA
4-Nitrophenol	NA	NA	ND(1.9)	ND(2.2)	ND(2.0)	ND(2.4)	NA
4-Nitroquinoline-1-oxide	NA	NA	ND(0.74) J	ND(2.2) J	ND(2.0) J	ND(2.4) J	NA
4-Phenylenediamine	NA	NA	ND(0.74) J	ND(2.2) J	ND(2.0) J	ND(2.4) J	NA
5-Nitro-o-toluidine	NA	NA	ND(0.74)	ND(2.2)	ND(2.0)	ND(2.4)	NA
7,12-Dimethylbenz(a)anthracene	NA	NA	ND(0.74)	ND(0.88)	ND(0.77)	ND(0.94)	NA
a,a'-Dimethylphenethylamine	NA	NA	ND(0.74)	ND(0.44) J	ND(0.38) J	ND(2.4) J	NA
Acenaphthene	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
Acenaphthylene	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
Acetophenone	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
Aniline	NA	NA	0.11 J	ND(0.44)	ND(0.38)	6.8	NA
Anthracene	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
Aramite	NA	NA	ND(0.74) J	ND(0.88)	ND(0.77)	ND(0.94)	NA
Benzidine	NA	NA	ND(0.74) J	ND(0.88)	ND(0.77)	ND(0.94)	NA
Benzo(a)anthracene	NA	NA	0.087 J	ND(0.44)	ND(0.38)	ND(0.47)	NA
Benzo(a)pyrene	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
Benzo(b)fluoranthene	NA	NA	0.096 J	ND(0.44)	ND(0.38)	0.50	NA
Benzo(g,h,i)perylene	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
Benzo(k)fluoranthene	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
Benzyl Alcohol	NA	NA	ND(0.74)	ND(0.88)	ND(0.77)	ND(0.94)	NA
bis(2-Chloroethoxy)methane	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
bis(2-Chloroethyl)ether	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
bis(2-Chloroisopropyl)ether	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
bis(2-Ethylhexyl)phthalate	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
Butylbenzylphthalate	NA	NA	ND(0.37)	ND(0.88)	ND(0.77)	ND(0.94)	NA
Chrysene	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
Diallate	NA	NA	ND(0.74)	ND(0.88)	ND(0.77)	ND(0.94)	NA
Dibenzo(a,h)anthracene	NA	NA	ND(0.37)	ND(0.88)	ND(0.77)	ND(0.94)	NA
Dibenzofuran	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
Diethylphthalate	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
Dimethoate	NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
Di-n-Butylphthalate	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	3.4	NA
Di-n-Octylphthalate	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
Diphenylamine	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
Disulfoton	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA	NA

TABLE B-2
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CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	J9-23-17 / J9-23-17-IA-72 / 1-3 / 09/19/02	J9-23-17 / J9-23-17-IA-82 / 0-1 / 09/19/02	J9-23-17 / J9-23-17-IA-82 / 1-3 / 09/19/02	J9-23-17 / J9-23-17-IA-91 / 1-3 / 01/24/00	J9-23-17 / J9-23-17-IA-92 / 1-3 / 01/24/00	J9-23-17 / J9-23-17-IA-93 / 0-1 / 01/26/00	J9-23-17 / J9-23-17-IA-94 / 0-1 / 09/19/02
Semivolatile Organics (continued)							
Fluoranthene	NA	NA	0.11 J	0.60	ND(0.38)	ND(0.47)	NA
Fluorene	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
Hexachlorobenzene	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
Hexachlorobutadiene	NA	NA	ND(0.37)	ND(0.88)	ND(0.77)	ND(0.94)	NA
Hexachlorocyclopentadiene	NA	NA	ND(0.37)	ND(0.44) J	ND(0.38) J	ND(0.47) J	NA
Hexachloroethane	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
Hexachlorophene	NA	NA	ND(0.74) J	ND(0.88) J	ND(0.77) J	ND(0.94) J	NA
Hexachloropropene	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
Indeno(1,2,3-cd)pyrene	NA	NA	ND(0.37)	ND(0.88)	ND(0.77)	ND(0.94)	NA
Isodrin	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
Isophorone	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
Isosafrole	NA	NA	ND(0.74)	ND(0.88)	ND(0.77)	ND(0.94)	NA
Methapyrilene	NA	NA	ND(0.74)	ND(2.2)	ND(2.0)	ND(2.4)	NA
Methyl Methanesulfonate	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA	NA
Naphthalene	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
Nitrobenzene	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
N-Nitrosodiethylamine	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
N-Nitrosodimethylamine	NA	NA	ND(0.37)	ND(2.2)	ND(1.9)	ND(2.3)	NA
N-Nitroso-di-n-butylamine	NA	NA	ND(0.74)	ND(0.88)	ND(0.77)	ND(0.94)	NA
N-Nitroso-di-n-propylamine	NA	NA	ND(0.37)	ND(0.88)	ND(0.77)	ND(0.94)	NA
N-Nitrosodiphenylamine	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
N-Nitrosomethylethylamine	NA	NA	ND(0.74)	ND(0.88)	ND(0.77)	ND(0.94)	NA
N-Nitrosomorpholine	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
N-Nitrosopiperidine	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
N-Nitrosopyrrolidine	NA	NA	ND(0.74)	ND(0.88)	ND(0.77)	ND(0.94)	NA
o,o,o-Triethylphosphorothioate	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
o-Toluidine	NA	NA	ND(0.37)	ND(0.88) J	ND(0.77) J	ND(0.47) J	NA
p-Dimethylaminoazobenzene	NA	NA	ND(0.74)	ND(2.2)	ND(2.0)	ND(2.4)	NA
Pentachlorobenzene	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
Pentachloroethane	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
Pentachloronitrobenzene	NA	NA	ND(0.74)	ND(0.44) J	ND(1.9) J	ND(2.4) J	NA
Pentachlorophenol	NA	NA	ND(1.9)	ND(2.2)	ND(2.0)	ND(2.4)	NA
Phenacetin	NA	NA	ND(0.74)	ND(2.2)	ND(2.0)	ND(2.4)	NA
Phenanthrene	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
Phenol	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	2.4	NA
Phorate	NA	NA	NA	NA	NA	NA	NA
Pronamide	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
Pyrene	NA	NA	0.096 J	0.61	ND(0.38)	ND(0.47)	NA
Pyridine	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
Safrole	NA	NA	ND(0.37)	ND(0.44)	ND(0.38)	ND(0.47)	NA
Sulfotep	NA	NA	NA	NA	NA	NA	NA
Thionazin	NA	NA	ND(0.37)	ND(2.2) J	ND(2.0) J	ND(0.47) J	NA
Organochlorine Pesticides							
4,4'-DDD	NA	NA	NA	ND(0.26)	ND(1.2)	ND(56)	NA
4,4'-DDE	NA	NA	NA	ND(0.26)	ND(1.2)	ND(56)	NA
4,4'-DDT	NA	NA	NA	ND(0.26)	ND(1.2)	ND(56)	NA
Aldrin	NA	NA	NA	ND(0.13)	ND(0.58)	ND(28)	NA
Alpha-BHC	NA	NA	NA	ND(0.13)	ND(0.58)	ND(28)	NA
Alpha-Chlordane	NA	NA	NA	ND(0.13)	ND(0.58)	ND(28)	NA
Beta-BHC	NA	NA	NA	ND(0.13)	ND(0.58)	ND(28)	NA
Delta-BHC	NA	NA	NA	ND(0.13)	ND(0.58)	ND(28)	NA
Dieldrin	NA	NA	NA	ND(0.26)	ND(1.2)	ND(56)	NA
Endosulfan I	NA	NA	NA	ND(0.13)	ND(0.58)	ND(28)	NA
Endosulfan II	NA	NA	NA	ND(0.26)	ND(1.2)	ND(56)	NA
Endosulfan Sulfate	NA	NA	NA	ND(0.26)	ND(1.2)	ND(56)	NA
Endrin	NA	NA	NA	ND(0.26)	ND(1.2)	ND(56)	NA
Endrin Aldehyde	NA	NA	NA	ND(0.26)	ND(1.2)	ND(56)	NA
Endrin Ketone	NA	NA	NA	ND(0.26)	ND(1.2)	ND(56)	NA
Famphur	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	ND(0.13)	ND(0.58)	ND(28)	NA
Gamma-Chlordane	NA	NA	NA	ND(0.13)	ND(0.58)	ND(28)	NA
Heptachlor	NA	NA	NA	ND(0.13)	ND(0.58)	ND(28)	NA
Heptachlor Epoxide	NA	NA	NA	ND(0.13)	ND(0.58)	ND(28)	NA
Kepone	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	ND(1.3)	ND(5.8)	ND(280)	NA
Technical Chlordane	NA	NA	NA	ND(1.3)	ND(5.8)	ND(280)	NA
Toxaphene	NA	NA	NA	ND(1.3)	ND(5.8)	ND(280)	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17
Sample ID:	J9-23-17-IA-72	J9-23-17-IA-82	J9-23-17-IA-82	J9-23-17-IA-91	J9-23-17-IA-92	J9-23-17-IA-93	J9-23-17-IA-94
Sample Depth(Feet):	1-3	0-1	1-3	1-3	1-3	0-1	0-1
Parameter Date Collected:	09/19/02	09/19/02	09/19/02	01/24/00	01/24/00	01/26/00	09/19/02
Herbicides							
2,4,5-T	NA	NA	NA	ND(0.42)	ND(0.37)	ND(0.45)	NA
2,4,5-TP	NA	NA	NA	ND(0.42)	ND(0.37)	ND(0.45)	NA
2,4-D	NA	NA	NA	ND(0.80)	ND(0.80)	ND(0.80)	NA
Dinoseb	NA	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	0.00014 Y	0.00011 YI	0.00025 Y	R	R	R	NA
TCDFs (total)	0.0011	0.00089	0.0033	R	R	R	NA
1,2,3,7,8-PeCDF	0.000082	0.000058	0.00010	R	R	R	NA
2,3,4,7,8-PeCDF	0.00013	0.00010	0.00062	R	R	R	NA
PeCDFs (total)	0.00091	0.0010	0.010	R	R	R	NA
1,2,3,4,7,8-HxCDF	0.00030	0.00011	0.00038	R	R	R	NA
1,2,3,6,7,8-HxCDF	0.00012	0.000069	0.00045	R	R	R	NA
1,2,3,7,8,9-HxCDF	0.00010	0.000012	0.00011	R	R	R	NA
2,3,4,6,7,8-HxCDF	0.000081	0.000082	0.0015	R	R	R	NA
HxCDFs (total)	0.0011	0.0011	0.019	R	R	R	NA
1,2,3,4,6,7,8-HpCDF	0.00014	0.00020	0.0018	R	R	R	NA
1,2,3,4,7,8,9-HpCDF	0.000070	0.000033	0.00023	R	R	R	NA
HpCDFs (total)	0.00031	0.00039	0.0047	R	R	R	NA
OCDF	0.000092	0.00023	0.0016	R	R	R	NA
Dioxins							
2,3,7,8-TCDD	ND(0.0000015)	0.0000012 J	0.0000059 J	R	R	R	NA
TCDDs (total)	0.000011	0.000021	0.000031	R	R	R	NA
1,2,3,7,8-PeCDD	ND(0.0000029) X	ND(0.0000042) X	ND(0.000041) X	R	R	R	NA
PeCDDs (total)	0.000016	0.000039	0.00013	R	R	R	NA
1,2,3,4,7,8-HxCDD	ND(0.0000036)	0.0000037 J	0.000030	R	R	R	NA
1,2,3,6,7,8-HxCDD	ND(0.0000032)	0.0000058 J	0.000041	R	R	R	NA
1,2,3,7,8,9-HxCDD	ND(0.0000032)	0.0000058 J	0.000032	R	R	R	NA
HxCDDs (total)	0.000022	0.000089	0.00052	R	R	R	NA
1,2,3,4,6,7,8-HpCDD	0.000014 J	0.000068	0.00032	R	R	R	NA
HpCDDs (total)	0.000032	0.00016	0.00073	R	R	R	NA
OCDD	0.000041 J	0.00029	0.0013	R	R	R	NA
Total TEQs (WHO TEFs)	0.00015	0.000099	0.00064	NC	NC	NC	NA
Inorganics							
Antimony	NA	NA	26.0	ND(11.8) J	ND(10.1) J	48.0	NA
Arsenic	NA	NA	11.0	ND(20.0)	ND(17.0)	82.0	NA
Barium	NA	NA	200	471 J	ND(33.8) J	290	NA
Beryllium	NA	NA	ND(0.500)	ND(0.200)	0.210	0.950	NA
Cadmium	NA	NA	0.940	ND(2.00)	ND(1.70)	20.0	NA
Chromium	NA	NA	44.0	7.90 J	13.1 J	350	NA
Cobalt	NA	NA	9.90	ND(9.90) J	12.2 J	36.0	NA
Copper	NA	NA	1900	56.0	77.0	13000	NA
Cyanide	NA	NA	0.190	ND(1.00) J	ND(1.00) J	0.920	NA
Lead	NA	NA	460 J	34.0	69.0	9000	2100 J
Mercury	NA	NA	1.80	R	R	0.600	NA
Nickel	NA	NA	29.0	ND(7.90)	21.0	340	NA
Selenium	NA	NA	ND(1.00) J	ND(0.990)	ND(0.860)	1.40	NA
Silver	NA	NA	ND(1.00)	ND(0.990)	ND(0.860)	ND(1.00)	NA
Sulfide	NA	NA	67.0	ND(6.60)	ND(5.80)	150	NA
Thallium	NA	NA	1.50 B	ND(2.00)	ND(1.70)	ND(2.10)	NA
Tin	NA	NA	200	R	65.4 J	1600	NA
Vanadium	NA	NA	28.0	ND(9.90)	ND(8.60)	48.0	NA
Zinc	NA	NA	240	46.0	110	5300	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17
Sample ID:	J9-23-17-IA-95	J9-23-17-IA-96	J9-23-17-IA-97	J9-23-17-IA-97	J9-23-17-IA-97	J9-23-17-IA-98	J9-23-17-IA-98
Sample Depth(Feet):	0-1	0-1	0-1	3-6	6-15	3-6	3-6
Parameter Date Collected:	01/26/00	01/24/00	09/19/02	09/19/02	09/19/02	01/25/00	09/19/02
Volatile Organics							
1,1,1,2-Tetrachloroethane	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
1,1,1-Trichloroethane	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
1,1,2,2-Tetrachloroethane	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
1,1,2-Trichloroethane	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
1,1-Dichloroethane	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
1,1-Dichloroethene	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
1,2,3-Trichloropropane	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
1,2-Dibromo-3-chloropropane	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
1,2-Dibromoethane	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
1,2-Dichloroethane	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
1,2-Dichloropropane	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
1,4-Dioxane	ND(0.20) J	ND(0.20) J	NA	NA	NA	ND(0.20) J	NA
2-Butanone	ND(0.10)	ND(0.10)	NA	NA	NA	ND(0.10)	NA
2-Chloro-1,3-butadiene	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
2-Chloroethylvinylether	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
2-Hexanone	ND(0.011)	ND(0.013)	NA	NA	NA	ND(0.014)	NA
3-Chloropropene	ND(0.011)	ND(0.013)	NA	NA	NA	ND(0.014)	NA
4-Methyl-2-pentanone	ND(0.011)	ND(0.013)	NA	NA	NA	ND(0.014)	NA
Acetone	0.017	0.015	NA	NA	NA	0.037	NA
Acetonitrile	ND(0.11)	ND(0.13)	NA	NA	NA	ND(0.14)	NA
Acrolein	ND(0.11) J	ND(0.13) J	NA	NA	NA	ND(0.14) J	NA
Acrylonitrile	ND(0.011)	ND(0.013)	NA	NA	NA	ND(0.014)	NA
Benzene	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
Bromodichloromethane	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
Bromoform	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
Bromomethane	ND(0.011)	ND(0.013)	NA	NA	NA	ND(0.014)	NA
Carbon Disulfide	ND(0.010)	ND(0.010)	NA	NA	NA	ND(0.010)	NA
Carbon Tetrachloride	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
Chlorobenzene	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
Chloroethane	ND(0.011)	ND(0.013)	NA	NA	NA	ND(0.014)	NA
Chloroform	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
Chloromethane	ND(0.011)	ND(0.013)	NA	NA	NA	ND(0.014)	NA
cis-1,3-Dichloropropene	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
Dibromochloromethane	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
Dibromomethane	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
Dichlorodifluoromethane	ND(0.011)	ND(0.013)	NA	NA	NA	ND(0.014)	NA
Ethyl Methacrylate	ND(0.011)	ND(0.013)	NA	NA	NA	ND(0.014)	NA
Ethylbenzene	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
Iodomethane	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
Isobutanol	ND(0.22) J	ND(0.26) J	NA	NA	NA	ND(0.28) J	NA
m&p-Xylene	NA	NA	NA	NA	NA	NA	NA
Methacrylonitrile	ND(0.011)	ND(0.013)	NA	NA	NA	ND(0.014)	NA
Methyl Methacrylate	ND(0.011)	ND(0.013)	NA	NA	NA	ND(0.014)	NA
Methylene Chloride	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
o-Xylene	NA	NA	NA	NA	NA	NA	NA
Propionitrile	ND(0.054)	ND(0.065)	NA	NA	NA	ND(0.070)	NA
Styrene	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
Tetrachloroethene	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
Toluene	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
trans-1,2-Dichloroethene	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
trans-1,3-Dichloropropene	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
trans-1,4-Dichloro-2-butene	ND(0.011)	ND(0.013)	NA	NA	NA	ND(0.014)	NA
Trichloroethene	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
Trichlorofluoromethane	ND(0.0054)	ND(0.0065)	NA	NA	NA	ND(0.0070)	NA
Vinyl Acetate	ND(0.011)	ND(0.013)	NA	NA	NA	ND(0.014)	NA
Vinyl Chloride	ND(0.011)	ND(0.013)	NA	NA	NA	ND(0.014)	NA
Xylenes (total)	ND(0.011)	ND(0.013)	NA	NA	NA	ND(0.014)	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.36)	ND(0.43)	NA	NA	NA	0.80	NA
1,2,4-Trichlorobenzene	ND(0.36)	ND(0.43)	NA	NA	NA	14	NA
1,2-Dichlorobenzene	ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
1,2-Diphenylhydrazine	ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
1,3,5-Trinitrobenzene	ND(0.72)	ND(0.86)	NA	NA	NA	ND(0.94)	NA
1,3-Dichlorobenzene	ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
1,3-Dinitrobenzene	ND(1.8)	ND(2.2)	NA	NA	NA	ND(2.4)	NA
1,4-Dichlorobenzene	ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
1,4-Naphthoquinone	ND(1.8)	ND(2.2)	NA	NA	NA	ND(2.4)	NA
1-Naphthylamine	ND(1.8)	ND(2.2)	NA	NA	NA	ND(2.4)	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17
	Sample ID:	J9-23-17-IA-95	J9-23-17-IA-96	J9-23-17-IA-97	J9-23-17-IA-97	J9-23-17-IA-97	J9-23-17-IA-98	J9-23-17-IA-98
	Sample Depth(Feet):	0-1	0-1	0-1	3-6	6-15	3-6	3-6
	Date Collected:	01/26/00	01/24/00	09/19/02	09/19/02	09/19/02	01/25/00	09/19/02
Semivolatile Organics (continued)								
2,3,4,6-Tetrachlorophenol		ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
2,4,5-Trichlorophenol		ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
2,4,6-Trichlorophenol		ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
2,4-Dichlorophenol		ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
2,4-Dimethylphenol		ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
2,4-Dinitrophenol		ND(1.8) J	ND(2.2) J	NA	NA	NA	ND(2.4) J	NA
2,4-Dinitrotoluene		ND(1.8)	ND(2.2)	NA	NA	NA	ND(2.4)	NA
2,6-Dichlorophenol		ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
2,6-Dinitrotoluene		ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
2-Acetylaminofluorene		ND(0.72)	ND(0.86)	NA	NA	NA	ND(0.94)	NA
2-Chloronaphthalene		ND(0.36)	ND(0.43)	NA	NA	NA	0.48	NA
2-Chlorophenol		ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
2-Methylnaphthalene		ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
2-Methylphenol		ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
2-Naphthylamine		ND(1.8)	ND(2.2)	NA	NA	NA	ND(2.4)	NA
2-Nitroaniline		ND(1.8)	ND(2.2)	NA	NA	NA	ND(2.4)	NA
2-Nitrophenol		ND(0.72) J	ND(0.86) J	NA	NA	NA	ND(0.94) J	NA
2-Picoline		ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
3&4-Methylphenol		ND(0.72)	ND(0.86)	NA	NA	NA	ND(0.94)	NA
3,3'-Dichlorobenzidine		ND(1.8)	ND(2.2)	NA	NA	NA	ND(2.4)	NA
3,3'-Dimethylbenzidine		ND(1.8)	ND(2.2)	NA	NA	NA	ND(2.4)	ND(0.41) J
3-Methylcholanthrene		ND(0.72)	ND(0.86)	NA	NA	NA	ND(0.94)	NA
3-Nitroaniline		ND(1.8)	ND(2.2)	NA	NA	NA	ND(2.4)	NA
4,6-Dinitro-2-methylphenol		ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
4-Aminobiphenyl		ND(0.72)	ND(0.86)	NA	NA	NA	ND(0.94)	NA
4-Bromophenyl-phenylether		ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
4-Chloro-3-Methylphenol		ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
4-Chloroaniline		ND(0.72)	ND(0.86)	NA	NA	NA	ND(0.94)	NA
4-Chlorobenzilate		ND(1.8)	ND(2.2)	NA	NA	NA	ND(2.4)	NA
4-Chlorophenyl-phenylether		ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
4-Nitroaniline		ND(1.8)	ND(2.2)	NA	NA	NA	ND(2.4)	NA
4-Nitrophenol		ND(1.8)	ND(2.2)	NA	NA	NA	ND(2.4)	NA
4-Nitroquinoline-1-oxide		ND(1.8) J	ND(2.2) J	NA	NA	NA	ND(2.4) J	NA
4-Phenylenediamine		ND(1.8) J	ND(2.2) J	NA	NA	NA	ND(2.4)	NA
5-Nitro-o-toluidine		ND(1.8)	ND(2.2)	NA	NA	NA	ND(2.4)	NA
7,12-Dimethylbenz(a)anthracene		ND(0.72)	ND(0.86)	NA	NA	NA	ND(0.94)	ND(0.83)
a,a'-Dimethylphenethylamine		ND(1.8) J	ND(0.43) J	NA	NA	NA	ND(2.4)	NA
Acenaphthene		ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
Acenaphthylene		ND(0.36)	0.69	NA	NA	NA	ND(0.47)	NA
Acetophenone		ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
Aniline		ND(0.36)	ND(0.43)	NA	NA	NA	8.4	NA
Anthracene		ND(0.36)	0.47	NA	NA	NA	0.52	NA
Aramite		ND(0.72)	ND(0.86)	NA	NA	NA	ND(0.94)	NA
Benzidine		ND(0.72)	ND(0.86)	NA	NA	NA	ND(0.94)	ND(0.83) J
Benzo(a)anthracene		ND(0.36)	1.9	NA	NA	NA	1.3	NA
Benzo(a)pyrene		ND(0.36)	1.8	NA	NA	NA	1.9	NA
Benzo(b)fluoranthene		ND(0.36)	2.4	NA	NA	NA	2.6	NA
Benzo(g,h,i)perylene		ND(0.36)	1.1	NA	NA	NA	1.2	NA
Benzo(k)fluoranthene		ND(0.36)	0.85	NA	NA	NA	0.95	NA
Benzyl Alcohol		ND(0.72)	ND(0.86)	NA	NA	NA	ND(0.94)	NA
bis(2-Chloroethoxy)methane		ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
bis(2-Chloroethyl)ether		ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
bis(2-Chloroisopropyl)ether		ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
bis(2-Ethylhexyl)phthalate		ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
Butylbenzylphthalate		ND(0.72)	ND(0.86)	NA	NA	NA	ND(0.94)	NA
Chrysene		ND(0.36)	1.8	NA	NA	NA	1.4	NA
Diallate		ND(0.72)	ND(0.86)	NA	NA	NA	ND(0.94)	NA
Dibenzo(a,h)anthracene		ND(0.72)	ND(0.86)	NA	NA	NA	ND(0.94)	0.18 J
Dibenzofuran		ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
Diethylphthalate		ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
Dimethoate		NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate		ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
Di-n-Butylphthalate		ND(0.36)	ND(0.43)	NA	NA	NA	1.4	NA
Di-n-Octylphthalate		ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
Diphenylamine		ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
Disulfoton		NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate		ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
Ethyl Parathion		NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	J9-23-17 / J9-23-17-IA-95 / 0-1 / 01/26/00	J9-23-17 / J9-23-17-IA-96 / 0-1 / 01/24/00	J9-23-17 / J9-23-17-IA-97 / 0-1 / 09/19/02	J9-23-17 / J9-23-17-IA-97 / 3-6 / 09/19/02	J9-23-17 / J9-23-17-IA-97 / 6-15 / 09/19/02	J9-23-17 / J9-23-17-IA-98 / 3-6 / 01/25/00	J9-23-17 / J9-23-17-IA-98 / 3-6 / 09/19/02
Semivolatile Organics (continued)							
Fluoranthene	ND(0.36)	4.2	NA	NA	NA	3.2	NA
Fluorene	ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
Hexachlorobenzene	ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
Hexachlorobutadiene	ND(0.72)	ND(0.86)	NA	NA	NA	ND(0.94)	NA
Hexachlorocyclopentadiene	ND(0.36) J	ND(0.43) J	NA	NA	NA	ND(0.47) J	NA
Hexachloroethane	ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
Hexachlorophene	ND(0.72) J	ND(0.86) J	NA	NA	NA	ND(0.94) J	NA
Hexachloropropene	ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47) J	NA
Indeno(1,2,3-cd)pyrene	ND(0.72)	1.2	NA	NA	NA	1.3	NA
Isodrin	ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
Isophorone	ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
Isosafrole	ND(0.72)	ND(0.86)	NA	NA	NA	ND(0.94)	NA
Methapyrilene	ND(1.8)	ND(2.2)	NA	NA	NA	ND(2.4)	NA
Methyl Methanesulfonate	ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
Nitrobenzene	ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
N-Nitrosodiethylamine	ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	ND(0.41)
N-Nitrosodimethylamine	ND(1.8)	ND(2.2)	NA	NA	NA	ND(2.3) J	ND(0.41)
N-Nitroso-di-n-butylamine	ND(0.72)	ND(0.86)	NA	NA	NA	ND(0.94)	ND(0.83)
N-Nitroso-di-n-propylamine	ND(0.72)	ND(0.86)	NA	NA	NA	ND(0.94)	ND(0.41)
N-Nitrosodiphenylamine	ND(0.36)	ND(0.43)	NA	NA	NA	0.94	NA
N-Nitrosomethylethylamine	ND(0.72)	ND(0.86)	NA	NA	NA	ND(0.94)	ND(0.83)
N-Nitrosomorpholine	ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
N-Nitrosopiperidine	ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
N-Nitrosopyrrolidine	ND(0.72)	ND(0.86)	NA	NA	NA	ND(0.94)	NA
o,o,o-Triethylphosphorothioate	ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
o-Toluidine	ND(0.36) J	ND(0.86) J	NA	NA	NA	ND(0.47)	NA
p-Dimethylaminoazobenzene	ND(1.8)	ND(2.2)	NA	NA	NA	ND(2.4)	NA
Pentachlorobenzene	ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
Pentachloroethane	ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
Pentachloronitrobenzene	ND(1.8) J	ND(2.2) J	NA	NA	NA	ND(2.4) J	NA
Pentachlorophenol	ND(1.8)	ND(2.2)	NA	NA	NA	ND(2.4)	NA
Phenacetin	ND(1.8)	ND(2.2)	NA	NA	NA	ND(2.4)	NA
Phenanthrene	ND(0.36)	0.82	NA	NA	NA	2.1	NA
Phenol	ND(0.36)	ND(0.43)	NA	NA	NA	0.70	NA
Phorate	NA	NA	NA	NA	NA	NA	NA
Pronamide	ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
Pyrene	ND(0.36)	3.6	NA	NA	NA	2.5	NA
Pyridine	ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
Safrole	ND(0.36)	ND(0.43)	NA	NA	NA	ND(0.47)	NA
Sulfotep	NA	NA	NA	NA	NA	NA	NA
Thionazin	ND(0.36) J	ND(2.2) J	NA	NA	NA	ND(0.47)	NA
Organochlorine Pesticides							
4,4'-DDD	ND(0.043)	ND(0.52)	NA	NA	NA	ND(28)	NA
4,4'-DDE	ND(0.043)	ND(0.52)	NA	NA	NA	ND(28)	NA
4,4'-DDT	ND(0.043)	ND(0.52)	NA	NA	NA	ND(28)	NA
Aldrin	ND(0.022)	ND(0.26)	NA	NA	NA	ND(14)	NA
Alpha-BHC	ND(0.022)	ND(0.26)	NA	NA	NA	ND(14)	NA
Alpha-Chlordane	ND(0.072)	ND(0.26)	NA	NA	NA	ND(14)	NA
Beta-BHC	ND(0.022)	ND(0.26)	NA	NA	NA	ND(14)	NA
Delta-BHC	ND(0.022)	ND(0.26)	NA	NA	NA	ND(14)	NA
Dieldrin	ND(0.043)	ND(0.52)	NA	NA	NA	ND(28)	NA
Endosulfan I	ND(0.022)	ND(0.26)	NA	NA	NA	ND(14)	NA
Endosulfan II	ND(0.043)	ND(0.52)	NA	NA	NA	ND(28)	NA
Endosulfan Sulfate	ND(0.043)	ND(0.52)	NA	NA	NA	ND(28)	NA
Endrin	ND(0.043)	ND(0.52)	NA	NA	NA	ND(28)	NA
Endrin Aldehyde	ND(0.043)	ND(0.52)	NA	NA	NA	ND(28)	NA
Endrin Ketone	ND(0.043)	ND(0.52)	NA	NA	NA	ND(28)	NA
Famphur	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	ND(0.022)	ND(0.26)	NA	NA	NA	ND(14)	NA
Gamma-Chlordane	ND(0.072)	ND(0.26)	NA	NA	NA	ND(14)	NA
Heptachlor	ND(0.022)	ND(0.26)	NA	NA	NA	ND(14)	NA
Heptachlor Epoxide	ND(0.022)	ND(0.26)	NA	NA	NA	ND(14)	NA
Kepone	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	ND(0.22)	ND(2.6)	NA	NA	NA	ND(140)	NA
Technical Chlordane	ND(0.080)	ND(2.6)	NA	NA	NA	ND(140)	NA
Toxaphene	ND(0.22)	ND(2.6)	NA	NA	NA	ND(140)	NA

TABLE B-2
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CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17
Sample ID:	J9-23-17-IA-95	J9-23-17-IA-96	J9-23-17-IA-97	J9-23-17-IA-97	J9-23-17-IA-97	J9-23-17-IA-98	J9-23-17-IA-98
Sample Depth(Feet):	0-1	0-1	0-1	3-6	6-15	3-6	3-6
Parameter Date Collected:	01/26/00	01/24/00	09/19/02	09/19/02	09/19/02	01/25/00	09/19/02
Herbicides							
2,4,5-T	ND(0.34)	ND(0.41)	NA	NA	NA	ND(0.45)	NA
2,4,5-TP	ND(0.34)	ND(0.41)	NA	NA	NA	ND(0.45)	NA
2,4-D	ND(0.80)	ND(0.80)	NA	NA	NA	ND(0.80)	NA
Dinoseb	NA	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	R	R	NA	0.00063 Y	0.0039 Y	R	NA
TCDFs (total)	R	R	NA	0.0050	0.032	R	NA
1,2,3,7,8-PeCDF	R	R	NA	0.00044	0.0024	R	NA
2,3,4,7,8-PeCDF	R	R	NA	0.0018	0.0029	R	NA
PeCDFs (total)	R	R	NA	0.012 QI	0.027 IQ	R	NA
1,2,3,4,7,8-HxCDF	R	R	NA	0.0026	0.0064	R	NA
1,2,3,6,7,8-HxCDF	R	R	NA	0.00090	0.0034	R	NA
1,2,3,7,8,9-HxCDF	R	R	NA	0.00054	0.00082	R	NA
2,3,4,6,7,8-HxCDF	R	R	NA	0.0018	0.0015	R	NA
HxCDFs (total)	R	R	NA	0.027	0.022 Q	R	NA
1,2,3,4,6,7,8-HpCDF	R	R	NA	0.0034	0.0062	R	NA
1,2,3,4,7,8,9-HpCDF	R	R	NA	0.0016	0.0014	R	NA
HpCDFs (total)	R	R	NA	0.0096	0.0094	R	NA
OCDF	R	R	NA	0.011	0.0056	R	NA
Dioxins							
2,3,7,8-TCDD	R	R	NA	0.000020	0.000026	R	NA
TCDDs (total)	R	R	NA	0.00012	0.00065	R	NA
1,2,3,7,8-PeCDD	R	R	NA	0.000068	0.000058	R	NA
PeCDDs (total)	R	R	NA	0.00046 Q	0.00089 Q	R	NA
1,2,3,4,7,8-HxCDD	R	R	NA	0.000085	0.000072	R	NA
1,2,3,6,7,8-HxCDD	R	R	NA	0.00010	0.00010	R	NA
1,2,3,7,8,9-HxCDD	R	R	NA	0.000098	0.000085	R	NA
HxCDDs (total)	R	R	NA	0.0010	0.0015	R	NA
1,2,3,4,6,7,8-HpCDD	R	R	NA	0.00070	0.00059	R	NA
HpCDDs (total)	R	R	NA	0.0013	0.0012	R	NA
OCDD	R	R	NA	0.0036	0.00099	R	NA
Total TEQs (WHO TEFs)	NC	NC	NA	0.0017	0.0034	NC	NA
Inorganics							
Antimony	ND(9.70)	ND(11.9) J	NA	NA	NA	23.3 J	NA
Arsenic	ND(16.0)	ND(19.0)	NA	NA	NA	ND(21.0)	NA
Barium	ND(32.0)	183 J	NA	NA	NA	533 J	NA
Beryllium	0.190	0.250	NA	NA	NA	0.420	NA
Cadmium	ND(1.60)	ND(1.90)	NA	NA	NA	9.40	NA
Chromium	8.40	9.50 J	NA	NA	NA	234 J	NA
Cobalt	ND(8.10)	ND(9.90) J	NA	NA	NA	15.5 J	NA
Copper	43.0	34.0	NA	NA	NA	2400	NA
Cyanide	ND(1.00)	0.650 J	NA	NA	NA	2.50 J	NA
Lead	48.0	94.0	25.0 J	560 J	1600 J	3200	NA
Mercury	ND(0.220)	R	NA	NA	NA	2.90 J	NA
Nickel	14.0	15.0	NA	NA	NA	120	NA
Selenium	ND(0.810)	ND(0.970)	NA	NA	NA	ND(1.00)	NA
Silver	ND(0.810)	ND(0.970)	NA	NA	NA	9.80	NA
Sulfide	ND(5.40)	21.0 J	NA	NA	NA	42.0 J	NA
Thallium	ND(1.60)	ND(1.90)	NA	NA	NA	ND(2.10)	NA
Tin	ND(48.0)	59.3 J	NA	NA	NA	249 J	NA
Vanadium	ND(8.10)	11.0	NA	NA	NA	14.0	NA
Zinc	68.0	130	NA	NA	NA	3900	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	Sample ID:	Sample Depth(Feet):	Date Collected:
	J9-23-17	J9-23-17-IA-98	4-6	09/19/02
	J9-23-17	J9-23-17-IA-98	6-8	09/19/02
	J9-23-17	J9-23-17-IA-98	6-15	01/25/00
	J9-23-17	J9-23-17-IA-98	6-15	09/19/02
	J9-23-17	J9-23-17-IA-99	0-1	01/26/00
	J9-23-17	J9-23-17-IA-100	0.7-1	01/26/00
	J9-23-17	J9-23-17-IA-101	3-6	09/19/02
Volatile Organics				
1,1,1,2-Tetrachloroethane	NA	NA	R [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
1,1,1-Trichloroethane	NA	NA	ND(0.0094) J [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
1,1,2,2-Tetrachloroethane	NA	NA	R [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
1,1,2-Trichloroethane	NA	NA	R [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
1,1-Dichloroethane	NA	NA	ND(0.0094) J [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
1,1-Dichloroethene	NA	NA	ND(0.0094) J [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
1,2,3-Trichloropropane	ND(0.0062)	ND(0.0073)	R [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
1,2-Dibromo-3-chloropropane	NA	NA	R [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
1,2-Dibromoethane	NA	NA	R [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
1,2-Dichloroethane	NA	NA	ND(0.0094) J [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
1,2-Dichloropropane	NA	NA	ND(0.0094) J [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
1,4-Dioxane	NA	NA	ND(0.20) J [ND(0.85) J]	NA	ND(0.20) J	ND(0.20) J	NA
2-Butanone	NA	NA	0.040 J [ND(0.10)]	NA	ND(0.10)	ND(0.10)	NA
2-Chloro-1,3-butadiene	NA	NA	ND(0.0094) [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
2-Chloroethylvinylether	NA	NA	ND(0.0094) J [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
2-Hexanone	NA	NA	R [ND(0.085)]	NA	ND(0.012)	ND(0.011)	NA
3-Chloropropene	NA	NA	ND(0.019) [ND(0.085)]	NA	ND(0.012)	ND(0.011)	NA
4-Methyl-2-pentanone	NA	NA	ND(0.019) J [ND(0.085)]	NA	ND(0.012)	ND(0.011)	NA
Acetone	NA	NA	0.24 J [0.099]	NA	0.014	0.012	NA
Acetonitrile	NA	NA	ND(0.19) J [ND(0.85)]	NA	ND(0.12)	ND(0.11)	NA
Acrolein	NA	NA	ND(0.19) J [ND(0.85) J]	NA	ND(0.12) J	ND(0.11) J	NA
Acrylonitrile	NA	NA	ND(0.019) J [ND(0.085)]	NA	ND(0.012)	ND(0.011)	NA
Benzene	NA	NA	ND(0.0094) J [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
Bromodichloromethane	NA	NA	ND(0.0094) J [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
Bromoform	NA	NA	R [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
Bromomethane	NA	NA	ND(0.019) J [ND(0.085)]	NA	ND(0.012)	ND(0.011)	NA
Carbon Disulfide	NA	NA	ND(0.010) J [ND(0.042)]	NA	ND(0.010)	ND(0.010)	NA
Carbon Tetrachloride	NA	NA	ND(0.0094) J [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
Chlorobenzene	NA	NA	0.045 J [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
Chloroethane	NA	NA	ND(0.019) J [ND(0.085)]	NA	ND(0.012)	ND(0.011)	NA
Chloroform	NA	NA	ND(0.0094) J [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
Chloromethane	NA	NA	ND(0.019) J [ND(0.085)]	NA	ND(0.012)	ND(0.011)	NA
cis-1,3-Dichloropropene	NA	NA	ND(0.0094) J [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
Dibromochloromethane	NA	NA	R [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
Dibromomethane	NA	NA	ND(0.0094) J [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
Dichlorodifluoromethane	NA	NA	ND(0.019) J [ND(0.085)]	NA	ND(0.012)	ND(0.011)	NA
Ethyl Methacrylate	NA	NA	R [ND(0.085)]	NA	ND(0.012)	ND(0.011)	NA
Ethylbenzene	NA	NA	R [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
Iodomethane	NA	NA	ND(0.0094) J [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
Isobutanol	NA	NA	ND(0.38) J [ND(1.7) J]	NA	ND(0.23) J	ND(0.22) J	NA
m&p-Xylene	NA	NA	NA	NA	NA	NA	NA
Methacrylonitrile	NA	NA	ND(0.019) J [ND(0.085)]	NA	ND(0.012)	ND(0.011)	NA
Methyl Methacrylate	NA	NA	ND(0.019) J [ND(0.085)]	NA	ND(0.012)	ND(0.011)	NA
Methylene Chloride	NA	NA	0.013 J [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
o-Xylene	NA	NA	NA	NA	NA	NA	NA
Propionitrile	NA	NA	ND(0.094) J [ND(0.42)]	NA	ND(0.058)	ND(0.054)	NA
Styrene	NA	NA	R [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
Tetrachloroethene	NA	NA	R [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
Toluene	NA	NA	R [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
trans-1,2-Dichloroethene	NA	NA	ND(0.0094) J [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
trans-1,3-Dichloropropene	NA	NA	R [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
trans-1,4-Dichloro-2-butene	NA	NA	R [ND(0.085)]	NA	ND(0.012)	ND(0.011)	NA
Trichloroethene	NA	NA	0.021 J [ND(0.042)]	NA	ND(0.0058)	0.0059	NA
Trichlorofluoromethane	NA	NA	ND(0.0094) J [ND(0.042)]	NA	ND(0.0058)	ND(0.0054)	NA
Vinyl Acetate	NA	NA	ND(0.019) J [ND(0.085)]	NA	ND(0.012)	ND(0.011)	NA
Vinyl Chloride	NA	NA	0.042 J [ND(0.085)]	NA	ND(0.012)	ND(0.011)	NA
Xylenes (total)	NA	NA	R [ND(0.042)]	NA	ND(0.012)	ND(0.011)	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	NA	NA	3.0 [3.6]	NA	ND(0.39)	ND(0.36)	NA
1,2,4-Trichlorobenzene	NA	NA	16 [5.8]	NA	ND(0.39)	ND(0.36)	NA
1,2-Dichlorobenzene	NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
1,2-Diphenylhydrazine	NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
1,3,5-Trinitrobenzene	NA	NA	ND(1.3) [ND(1.1)]	NA	ND(0.78)	ND(0.73)	NA
1,3-Dichlorobenzene	NA	NA	1.5 [1.3]	NA	ND(0.39)	ND(0.36)	NA
1,3-Dinitrobenzene	NA	NA	ND(3.2) [ND(2.9)]	NA	ND(2.0)	ND(1.8)	NA
1,4-Dichlorobenzene	NA	NA	4.5 [6.2]	NA	ND(0.39)	ND(0.36)	NA
1,4-Naphthoquinone	NA	NA	ND(3.2) [ND(2.9)]	NA	ND(2.0)	ND(1.8)	NA
1-Naphthylamine	NA	NA	ND(3.2) [ND(2.9)]	NA	ND(2.0)	ND(1.8)	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	J9-23-17 / J9-23-17-IA-98 / 4-6 / 09/19/02	J9-23-17 / J9-23-17-IA-98 / 6-8 / 09/19/02	J9-23-17 / J9-23-17-IA-98 / 6-15 / 01/25/00	J9-23-17 / J9-23-17-IA-98 / 6-15 / 09/19/02	J9-23-17 / J9-23-17-IA-99 / 0-1 / 01/26/00	J9-23-17 / J9-23-17-IA-100 / 0.7-1 / 01/26/00	J9-23-17 / J9-23-17-IA-101 / 3-6 / 09/19/02
Semivolatile Organics (continued)							
2,3,4,6-Tetrachlorophenol	NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
2,4,5-Trichlorophenol	NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
2,4,6-Trichlorophenol	NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
2,4-Dichlorophenol	NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
2,4-Dimethylphenol	NA	NA	ND(0.63) [1.0]	NA	ND(0.39)	ND(0.36)	NA
2,4-Dinitrophenol	NA	NA	ND(3.2) J [ND(2.9) J]	NA	ND(2.0) J	ND(1.8) J	NA
2,4-Dinitrotoluene	NA	NA	ND(3.2) [ND(2.9)]	NA	ND(2.0)	ND(1.8)	NA
2,6-Dichlorophenol	NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
2,6-Dinitrotoluene	NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
2-Acetylaminofluorene	NA	NA	ND(1.3) [ND(1.1)]	NA	ND(0.78)	ND(0.73)	NA
2-Chloronaphthalene	NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
2-Chlorophenol	NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
2-Methylnaphthalene	NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
2-Methylphenol	NA	NA	ND(0.63) [0.59]	NA	ND(0.39)	ND(0.36)	NA
2-Naphthylamine	NA	NA	ND(3.2) [ND(2.9)]	NA	ND(2.0)	ND(1.8)	NA
2-Nitroaniline	NA	NA	ND(3.2) [ND(2.9)]	NA	ND(2.0)	ND(1.8)	NA
2-Nitrophenol	NA	NA	ND(1.3) J [ND(1.1) J]	NA	ND(0.78) J	ND(0.73) J	NA
2-Picoline	NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
3&4-Methylphenol	NA	NA	ND(1.3) [1.5]	NA	ND(0.78)	ND(0.73)	NA
3,3'-Dichlorobenzidine	NA	NA	ND(3.2) [ND(2.9)]	NA	ND(2.0)	ND(1.8)	NA
3,3'-Dimethylbenzidine	NA	NA	ND(3.2) [ND(2.9)]	ND(0.49) J	ND(2.0)	ND(1.8)	NA
3-Methylcholanthrene	NA	NA	ND(1.3) [ND(1.1)]	NA	ND(0.78)	ND(0.73)	NA
3-Nitroaniline	NA	NA	ND(3.2) [ND(2.9)]	NA	ND(2.0)	ND(1.8)	NA
4,6-Dinitro-2-methylphenol	NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
4-Aminobiphenyl	NA	NA	ND(1.3) [ND(1.1)]	NA	ND(0.78)	ND(0.73)	NA
4-Bromophenyl-phenylether	NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
4-Chloro-3-Methylphenol	NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
4-Chloroaniline	NA	NA	ND(1.3) [ND(1.1)]	NA	ND(0.78)	ND(0.73)	NA
4-Chlorobenzilate	NA	NA	ND(3.2) [ND(2.9)]	NA	ND(2.0)	ND(1.8)	NA
4-Chlorophenyl-phenylether	NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
4-Nitroaniline	NA	NA	ND(3.2) [ND(2.9)]	NA	ND(2.0)	ND(1.8)	NA
4-Nitrophenol	NA	NA	ND(3.2) [ND(2.9)]	NA	ND(2.0)	ND(1.8)	NA
4-Nitroquinoline-1-oxide	NA	NA	ND(3.2) J [ND(2.9) J]	NA	ND(2.0) J	ND(1.8) J	NA
4-Phenylenediamine	NA	NA	ND(3.2) [ND(2.9)]	NA	ND(2.0) J	ND(1.8) J	NA
5-Nitro-o-toluidine	NA	NA	ND(3.2) [ND(2.9)]	NA	ND(2.0)	ND(1.8)	NA
7,12-Dimethylbenz(a)anthracene	NA	NA	ND(1.3) [ND(1.1)]	ND(0.98)	ND(0.78)	ND(0.73)	NA
a,a'-Dimethylphenethylamine	NA	NA	ND(3.2) [ND(2.9)]	NA	ND(2.0) J	ND(1.8) J	NA
Acenaphthene	NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
Acenaphthylene	NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
Acetophenone	NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
Aniline	NA	NA	1.6 [5.6]	NA	1.4	ND(0.36)	NA
Anthracene	NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
Aramite	NA	NA	ND(1.3) [ND(1.1)]	NA	ND(0.78)	ND(0.73)	NA
Benzidine	NA	NA	ND(1.3) [ND(1.1)]	ND(0.98) J	ND(0.78)	ND(0.73)	NA
Benzo(a)anthracene	NA	NA	1.1 [2.6]	NA	ND(0.39)	ND(0.36)	NA
Benzo(a)pyrene	NA	NA	1.6 [3.6]	NA	ND(0.39)	ND(0.36)	NA
Benzo(b)fluoranthene	NA	NA	2.0 [5.3]	NA	0.42	0.54	NA
Benzo(g,h,i)perylene	NA	NA	1.1 [2.2]	NA	ND(0.39)	ND(0.36)	NA
Benzo(k)fluoranthene	NA	NA	0.88 [1.7]	NA	ND(0.39)	ND(0.36)	NA
Benzyl Alcohol	NA	NA	ND(1.3) [ND(1.1)]	NA	ND(0.78)	ND(0.73)	NA
bis(2-Chloroethoxy)methane	NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
bis(2-Chloroethyl)ether	NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
bis(2-Chloroisopropyl)ether	NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
bis(2-Ethylhexyl)phthalate	NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
Butylbenzylphthalate	NA	NA	ND(1.3) [ND(1.1)]	NA	ND(0.78)	ND(0.73)	NA
Chrysene	NA	NA	1.2 [2.7]	NA	ND(0.39)	0.38	NA
Diallate	NA	NA	ND(1.3) [ND(1.1)]	NA	ND(0.78)	ND(0.73)	NA
Dibenzo(a,h)anthracene	NA	NA	ND(1.3) [ND(1.1)]	ND(0.49)	ND(0.78)	ND(0.73)	NA
Dibenzofuran	NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
Diethylphthalate	NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
Dimethoate	NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate	NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
Di-n-Butylphthalate	NA	NA	0.73 [1.0]	NA	ND(0.39)	ND(0.36)	NA
Di-n-Octylphthalate	NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
Diphenylamine	NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
Disulfoton	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17
	Sample ID:	J9-23-17-IA-98	J9-23-17-IA-98	J9-23-17-IA-98	J9-23-17-IA-98	J9-23-17-IA-99	J9-23-17-IA-100	J9-23-17-IA-101
	Sample Depth(Feet):	4-6	6-8	6-15	6-15	0-1	0.7-1	3-6
	Date Collected:	09/19/02	09/19/02	01/25/00	09/19/02	01/26/00	01/26/00	09/19/02
Semivolatile Organics (continued)								
Fluoranthene		NA	NA	1.9 [4.2]	NA	0.50	ND(0.36)	NA
Fluorene		NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
Hexachlorobenzene		NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
Hexachlorobutadiene		NA	NA	ND(1.3) [ND(1.1)]	NA	ND(0.78)	ND(0.73)	NA
Hexachlorocyclopentadiene		NA	NA	ND(0.63) J [ND(0.57) J]	NA	ND(0.39) J	ND(0.36) J	NA
Hexachloroethane		NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
Hexachlorophene		NA	NA	ND(1.3) J [ND(1.1) J]	NA	ND(0.78) J	ND(0.73) J	NA
Hexachloropropene		NA	NA	ND(0.63) J [ND(0.57) J]	NA	ND(0.39)	ND(0.36)	NA
Indeno(1,2,3-cd)pyrene		NA	NA	ND(1.3) [2.4]	NA	ND(0.78)	ND(0.73)	NA
Isodrin		NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
Isophorone		NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
Isosafrole		NA	NA	ND(1.3) [ND(1.1)]	NA	ND(0.78)	ND(0.73)	NA
Methapyrilene		NA	NA	ND(3.2) [ND(2.9)]	NA	ND(2.0)	ND(1.8)	NA
Methyl Methanesulfonate		NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
Methyl Parathion		NA	NA	NA	NA	NA	NA	NA
Naphthalene		NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
Nitrobenzene		NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
N-Nitrosodiethylamine		NA	NA	ND(0.63) [ND(0.57)]	ND(0.49)	ND(0.39)	ND(0.36)	NA
N-Nitrosodimethylamine		NA	NA	ND(3.1) J [ND(2.8) J]	ND(0.49)	ND(1.9)	ND(1.8)	NA
N-Nitroso-di-n-butylamine		NA	NA	ND(1.3) [ND(1.1)]	ND(0.98)	ND(0.78)	ND(0.73)	NA
N-Nitroso-di-n-propylamine		NA	NA	ND(1.3) [ND(1.1)]	ND(0.49)	ND(0.78)	ND(0.73)	NA
N-Nitrosodiphenylamine		NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
N-Nitrosomethylethylamine		NA	NA	ND(1.3) [ND(1.1)]	ND(0.98)	ND(0.78)	ND(0.73)	NA
N-Nitrosomorpholine		NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
N-Nitrosopiperidine		NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
N-Nitrosopyrrolidine		NA	NA	ND(1.3) [ND(1.1)]	NA	ND(0.78)	ND(0.73)	NA
o,o,o-Triethylphosphorothioate		NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
o-Toluidine		NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39) J	ND(0.36) J	NA
p-Dimethylaminoazobenzene		NA	NA	ND(3.2) [ND(2.9)]	NA	ND(2.0)	ND(1.8)	NA
Pentachlorobenzene		NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
Pentachloroethane		NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
Pentachloronitrobenzene		NA	NA	ND(3.2) J [ND(2.9) J]	NA	ND(2.0) J	ND(1.8) J	NA
Pentachlorophenol		NA	NA	ND(3.2) [ND(2.9)]	NA	ND(2.0)	ND(1.8)	NA
Phenacetin		NA	NA	ND(3.2) [ND(2.9)]	NA	ND(2.0)	ND(1.8)	NA
Phenanthrene		NA	NA	0.91 [1.9]	NA	ND(0.39)	ND(0.36)	NA
Phenol		NA	NA	2.1 [2.2]	NA	ND(0.39)	ND(0.36)	NA
Phorate		NA	NA	NA	NA	NA	NA	NA
Pronamide		NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
Pyrene		NA	NA	1.8 J [3.9]	NA	0.39	0.44	NA
Pyridine		NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
Safrole		NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39)	ND(0.36)	NA
Sulfotep		NA	NA	NA	NA	NA	NA	NA
Thionazin		NA	NA	ND(0.63) [ND(0.57)]	NA	ND(0.39) J	ND(0.36) J	NA
Organochlorine Pesticides								
4,4'-DDD		NA	NA	ND(38) [ND(6.8)]	NA	ND(0.047)	ND(0.044)	NA
4,4'-DDE		NA	NA	ND(38) [ND(6.8)]	NA	ND(0.047)	ND(0.044)	NA
4,4'-DDT		NA	NA	ND(38) [ND(6.8)]	NA	ND(0.047)	ND(0.044)	NA
Aldrin		NA	NA	ND(19) [ND(3.4)]	NA	ND(0.023)	ND(0.022)	NA
Alpha-BHC		NA	NA	ND(19) [ND(3.4)]	NA	ND(0.023)	ND(0.022)	NA
Alpha-Chlordane		NA	NA	ND(19) [ND(3.4)]	NA	ND(0.078)	ND(0.072)	NA
Beta-BHC		NA	NA	ND(19) [ND(3.4)]	NA	ND(0.023)	ND(0.022)	NA
Delta-BHC		NA	NA	ND(19) [ND(3.4)]	NA	ND(0.023)	ND(0.022)	NA
Dieldrin		NA	NA	ND(38) [ND(6.8)]	NA	ND(0.047)	ND(0.044)	NA
Endosulfan I		NA	NA	ND(19) [ND(3.4)]	NA	ND(0.023)	ND(0.022)	NA
Endosulfan II		NA	NA	ND(38) [ND(6.8)]	NA	ND(0.047)	ND(0.044)	NA
Endosulfan Sulfate		NA	NA	ND(38) [ND(6.8)]	NA	ND(0.047)	ND(0.044)	NA
Endrin		NA	NA	ND(38) [ND(6.8)]	NA	ND(0.047)	ND(0.044)	NA
Endrin Aldehyde		NA	NA	ND(38) [ND(6.8)]	NA	ND(0.047)	ND(0.044)	NA
Endrin Ketone		NA	NA	ND(38) [ND(6.8)]	NA	ND(0.047)	ND(0.044)	NA
Famphur		NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)		NA	NA	ND(19) [ND(3.4)]	NA	ND(0.023)	ND(0.022)	NA
Gamma-Chlordane		NA	NA	ND(19) [ND(3.4)]	NA	ND(0.078)	ND(0.072)	NA
Heptachlor		NA	NA	ND(19) [ND(3.4)]	NA	ND(0.023)	ND(0.022)	NA
Heptachlor Epoxide		NA	NA	ND(19) [ND(3.4)]	NA	ND(0.023)	ND(0.022)	NA
Kepone		NA	NA	NA	NA	NA	NA	NA
Methoxychlor		NA	NA	ND(190) [ND(34)]	NA	ND(0.23)	ND(0.22)	NA
Technical Chlordane		NA	NA	ND(190) [ND(34)]	NA	ND(0.080)	ND(0.080)	NA
Toxaphene		NA	NA	ND(190) [ND(34)]	NA	ND(0.23)	ND(0.22)	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	J9-23-17 / J9-23-17-IA-98 / 4-6 / 09/19/02	J9-23-17 / J9-23-17-IA-98 / 6-8 / 09/19/02	J9-23-17 / J9-23-17-IA-98 / 6-15 / 01/25/00	J9-23-17 / J9-23-17-IA-98 / 6-15 / 09/19/02	J9-23-17 / J9-23-17-IA-99 / 0-1 / 01/26/00	J9-23-17 / J9-23-17-IA-100 / 0.7-1 / 01/26/00	J9-23-17 / J9-23-17-IA-101 / 3-6 / 09/19/02
Herbicides							
2,4,5-T	NA	NA	ND(0.60) [ND(0.54)]	NA	ND(0.37)	ND(0.35)	NA
2,4,5-TP	NA	NA	ND(0.60) [ND(0.54)]	NA	ND(0.37)	ND(0.35)	NA
2,4-D	NA	NA	ND(0.94) [ND(0.85)]	NA	ND(0.80)	ND(0.80)	NA
Dinoseb	NA	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	NA	NA	R [R]	NA	R	R	0.022 YEI
TCDFs (total)	NA	NA	R [R]	NA	R	R	0.18
1,2,3,7,8-PeCDF	NA	NA	R [R]	NA	R	R	0.017 E
2,3,4,7,8-PeCDF	NA	NA	R [R]	NA	R	R	0.018 E
PeCDFs (total)	NA	NA	R [R]	NA	R	R	0.21 Q
1,2,3,4,7,8-HxCDF	NA	NA	R [R]	NA	R	R	0.042 E
1,2,3,6,7,8-HxCDF	NA	NA	R [R]	NA	R	R	0.022 E
1,2,3,7,8,9-HxCDF	NA	NA	R [R]	NA	R	R	0.0025
2,3,4,6,7,8-HxCDF	NA	NA	R [R]	NA	R	R	0.011
HxCDFs (total)	NA	NA	R [R]	NA	R	R	0.19 I
1,2,3,4,6,7,8-HpCDF	NA	NA	R [R]	NA	R	R	0.045 E
1,2,3,4,7,8,9-HpCDF	NA	NA	R [R]	NA	R	R	0.0079
HpCDFs (total)	NA	NA	R [R]	NA	R	R	0.066 I
OCDF	NA	NA	R [R]	NA	R	R	0.045 EI
Dioxins							
2,3,7,8-TCDD	NA	NA	R [R]	NA	R	R	0.00026
TCDDs (total)	NA	NA	R [R]	NA	R	R	0.0050
1,2,3,7,8-PeCDD	NA	NA	R [R]	NA	R	R	0.0010
PeCDDs (total)	NA	NA	R [R]	NA	R	R	0.013 Q
1,2,3,4,7,8-HxCDD	NA	NA	R [R]	NA	R	R	0.00088
1,2,3,6,7,8-HxCDD	NA	NA	R [R]	NA	R	R	0.0012
1,2,3,7,8,9-HxCDD	NA	NA	R [R]	NA	R	R	0.0010
HxCDDs (total)	NA	NA	R [R]	NA	R	R	0.017
1,2,3,4,6,7,8-HpCDD	NA	NA	R [R]	NA	R	R	0.0078
HpCDDs (total)	NA	NA	R [R]	NA	R	R	0.016
OCDD	NA	NA	R [R]	NA	R	R	0.019
Total TEQs (WHO TEFs)	NA	NA	NC [NC]	NA	NC	NC	0.022
Inorganics							
Antimony	NA	NA	21.2 J [15.8 J]	NA	ND(10.0)	ND(9.80)	NA
Arsenic	NA	NA	ND(28.0) [36.0]	NA	ND(18.0)	ND(16.0)	NA
Barium	NA	NA	530 J [1320 J]	NA	ND(35.0)	ND(33.0)	NA
Beryllium	NA	NA	0.400 [0.390]	NA	0.190	0.170	NA
Cadmium	NA	NA	13.0 [21.0]	NA	ND(1.80)	ND(1.60)	NA
Chromium	NA	NA	270 J [566 J]	NA	7.40	18.0	NA
Cobalt	NA	NA	15.7 J [17.2 J]	NA	ND(8.80)	ND(8.20)	NA
Copper	NA	NA	3800 [8600 E]	NA	1200	670	NA
Cyanide	NA	NA	5.10 J [ND(1.00) J]	NA	ND(1.00)	ND(1.00)	NA
Lead	NA	NA	5900 [7400 E]	NA	110	100	5400 J [2500 J]
Mercury	NA	NA	3.90 J [4.20 J]	NA	ND(0.230)	ND(0.220)	NA
Nickel	NA	NA	140 [220]	NA	12.0	16.0	NA
Selenium	NA	NA	ND(1.40) [ND(1.30)]	NA	ND(0.880)	ND(0.820)	NA
Silver	NA	NA	8.80 [7.00]	NA	ND(0.880)	ND(0.820)	NA
Sulfide	NA	NA	700 J [490 J]	NA	ND(5.80)	ND(5.40)	NA
Thallium	NA	NA	ND(2.80) [ND(2.50)]	NA	ND(1.80)	ND(1.60)	NA
Tin	NA	NA	341 J [875 J]	NA	ND(52.0)	ND(49.0)	NA
Vanadium	NA	NA	ND(14.0) [18.0]	NA	ND(8.80)	ND(8.20)	NA
Zinc	NA	NA	7000 [9300 E]	NA	130	130	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17
Sample ID:	J9-23-17-IA-101	J9-23-17-IA-102	J9-23-17-IA-102	J9-23-17-IA-103	J9-23-17-IA-103	J9-23-17-IA-107	J9-23-17-IA-107
Sample Depth(Feet):	6-15	1-3	1-3	0-1	0.2-1	3-6	6-15
Parameter Date Collected:	09/19/02	01/24/00	09/19/02	01/09/03	01/25/00	01/25/00	01/25/00
Volatile Organics							
1,1,1,2-Tetrachloroethane	NA	ND(0.0059) J	ND(0.0054)	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
1,1,1-Trichloroethane	NA	R	ND(0.0054)	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
1,1,2,2-Tetrachloroethane	NA	ND(0.0059) J	ND(0.0054)	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
1,1,2-Trichloroethane	NA	ND(0.0059) J	ND(0.0054)	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
1,1-Dichloroethane	NA	R	ND(0.0054)	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
1,1-Dichloroethene	NA	R	ND(0.0054)	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
1,2,3-Trichloropropane	NA	ND(0.0059) J	ND(0.0054)	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
1,2-Dibromo-3-chloropropane	NA	ND(0.0059) J	ND(0.0054)	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
1,2-Dibromoethane	NA	ND(0.0059) J	ND(0.0054)	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
1,2-Dichloroethane	NA	R	ND(0.0054)	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
1,2-Dichloropropane	NA	R	ND(0.0054)	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
1,4-Dioxane	NA	R	ND(0.11) J	NA	ND(0.55) J	ND(0.20) J	ND(0.20) J
2-Butanone	NA	R	ND(0.011)	NA	ND(0.10)	ND(0.10)	ND(0.10)
2-Chloro-1,3-butadiene	NA	R	ND(0.0054)	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
2-Chloroethylvinylether	NA	R	ND(0.0054) J	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
2-Hexanone	NA	ND(0.012) J	ND(0.011)	NA	ND(0.055)	ND(0.011)	ND(0.011)
3-Chloropropene	NA	ND(0.012)	ND(0.0054)	NA	ND(0.055)	ND(0.011)	ND(0.011)
4-Methyl-2-pentanone	NA	R	ND(0.011)	NA	ND(0.055)	ND(0.011)	ND(0.011)
Acetone	NA	R	ND(0.022)	NA	0.094	0.011	0.017
Acetonitrile	NA	R	ND(0.11)	NA	ND(0.55)	ND(0.11)	ND(0.11)
Acrolein	NA	R	ND(0.11) J	NA	ND(0.55) J	ND(0.11) J	ND(0.11) J
Acrylonitrile	NA	R	ND(0.0054)	NA	ND(0.055)	ND(0.011)	ND(0.011)
Benzene	NA	R	ND(0.0054)	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
Bromodichloromethane	NA	R	ND(0.0054)	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
Bromoform	NA	ND(0.0059) J	ND(0.0054)	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
Bromomethane	NA	R	ND(0.0054)	NA	ND(0.055)	ND(0.011)	ND(0.011)
Carbon Disulfide	NA	R	ND(0.0054)	NA	ND(0.027)	ND(0.010)	ND(0.010)
Carbon Tetrachloride	NA	R	ND(0.0054) J	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
Chlorobenzene	NA	ND(0.0059) J	ND(0.0054)	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
Chloroethane	NA	R	ND(0.0054)	NA	ND(0.055)	ND(0.011)	ND(0.011)
Chloroform	NA	R	ND(0.0054)	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
Chloromethane	NA	R	ND(0.0054) J	NA	ND(0.055)	ND(0.011)	ND(0.011)
cis-1,3-Dichloropropene	NA	R	ND(0.0054)	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
Dibromochloromethane	NA	ND(0.0059) J	ND(0.0054)	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
Dibromomethane	NA	R	ND(0.0054)	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
Dichlorodifluoromethane	NA	R	ND(0.0054) J	NA	ND(0.055)	ND(0.011)	ND(0.011)
Ethyl Methacrylate	NA	ND(0.012) J	ND(0.0054)	NA	ND(0.055)	ND(0.011)	ND(0.011)
Ethylbenzene	NA	ND(0.0059) J	ND(0.0054)	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
Iodomethane	NA	R	ND(0.0054)	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
Isobutanol	NA	R	ND(0.11) J	NA	ND(1.1) J	ND(0.22) J	ND(0.23) J
m&p-Xylene	NA	NA	NA	NA	NA	NA	NA
Methacrylonitrile	NA	R	ND(0.0054)	NA	ND(0.055)	ND(0.011)	ND(0.011)
Methyl Methacrylate	NA	R	ND(0.0054)	NA	ND(0.055)	ND(0.011)	ND(0.011)
Methylene Chloride	NA	R	ND(0.0054)	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
o-Xylene	NA	NA	NA	NA	NA	NA	NA
Propionitrile	NA	R	ND(0.011)	NA	ND(0.27)	ND(0.054)	ND(0.057)
Styrene	NA	ND(0.0059) J	ND(0.0054)	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
Tetrachloroethene	NA	ND(0.0059) J	ND(0.0054)	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
Toluene	NA	ND(0.0059) J	ND(0.0054)	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
trans-1,2-Dichloroethene	NA	R	ND(0.0054)	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
trans-1,3-Dichloropropene	NA	ND(0.0059) J	ND(0.0054)	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
trans-1,4-Dichloro-2-butene	NA	ND(0.012) J	ND(0.0054)	NA	ND(0.055)	ND(0.011)	ND(0.011)
Trichloroethene	NA	R	ND(0.0054)	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
Trichlorofluoromethane	NA	R	ND(0.0054) J	NA	ND(0.027)	ND(0.0054)	ND(0.0057)
Vinyl Acetate	NA	R	ND(0.0054)	NA	ND(0.055)	ND(0.011)	ND(0.011)
Vinyl Chloride	NA	R	ND(0.0054)	NA	ND(0.055)	ND(0.011)	ND(0.011)
Xylenes (total)	NA	R	ND(0.0054)	NA	ND(0.027)	ND(0.011)	ND(0.011)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
1,2,4-Trichlorobenzene	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
1,2-Dichlorobenzene	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
1,2-Diphenylhydrazine	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
1,3,5-Trinitrobenzene	NA	ND(0.79)	NA	NA	ND(0.73)	ND(0.73)	ND(0.76)
1,3-Dichlorobenzene	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
1,3-Dinitrobenzene	NA	ND(2.0)	NA	NA	ND(1.8)	ND(1.8)	ND(1.9)
1,4-Dichlorobenzene	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
1,4-Naphthoquinone	NA	ND(2.0)	NA	NA	ND(1.8)	ND(1.8)	ND(1.9)
1-Naphthylamine	NA	ND(2.0)	NA	NA	ND(1.8)	ND(1.8)	ND(1.9)

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	J9-23-17 / J9-23-17-IA-101 / 6-15 / 09/19/02	J9-23-17 / J9-23-17-IA-102 / 1-3 / 01/24/00	J9-23-17 / J9-23-17-IA-102 / 1-3 / 09/19/02	J9-23-17 / J9-23-17-IA-103 / 0-1 / 01/09/03	J9-23-17 / J9-23-17-IA-103 / 0.2-1 / 01/25/00	J9-23-17 / J9-23-17-IA-107 / 3-6 / 01/25/00	J9-23-17 / J9-23-17-IA-107 / 6-15 / 01/25/00
Semivolatile Organics (continued)							
2,3,4,6-Tetrachlorophenol	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
2,4,5-Trichlorophenol	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
2,4,6-Trichlorophenol	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
2,4-Dichlorophenol	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
2,4-Dimethylphenol	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
2,4-Dinitrophenol	NA	ND(2.0) J	NA	NA	ND(1.8) J	ND(1.8) J	ND(1.9) J
2,4-Dinitrotoluene	NA	ND(2.0)	NA	NA	ND(1.8)	ND(1.8)	ND(1.9)
2,6-Dichlorophenol	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
2,6-Dinitrotoluene	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
2-Acetylaminofluorene	NA	ND(0.79)	NA	NA	ND(0.73)	ND(0.73)	ND(0.76)
2-Chloronaphthalene	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
2-Chlorophenol	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
2-Methylnaphthalene	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
2-Methylphenol	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
2-Naphthylamine	NA	ND(2.0)	NA	NA	ND(1.8)	ND(1.8)	ND(1.9)
2-Nitroaniline	NA	ND(2.0)	NA	NA	ND(1.8)	ND(1.8)	ND(1.9)
2-Nitrophenol	NA	ND(0.79) J	NA	NA	ND(0.73) J	ND(0.73) J	ND(0.76) J
2-Picoline	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
3&4-Methylphenol	NA	ND(0.79)	NA	NA	ND(0.73)	ND(0.73)	ND(0.76)
3,3'-Dichlorobenzidine	NA	ND(2.0)	NA	NA	ND(1.8)	ND(1.8)	ND(1.9)
3,3'-Dimethylbenzidine	NA	ND(2.0)	NA	NA	ND(1.8)	ND(1.8)	ND(1.9)
3-Methylcholanthrene	NA	ND(0.79)	NA	NA	ND(0.73)	ND(0.73)	ND(0.76)
3-Nitroaniline	NA	ND(2.0)	NA	NA	ND(1.8)	ND(1.8)	ND(1.9)
4,6-Dinitro-2-methylphenol	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
4-Aminobiphenyl	NA	ND(0.79)	NA	NA	ND(0.73)	ND(0.73)	ND(0.76)
4-Bromophenyl-phenylether	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
4-Chloro-3-Methylphenol	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
4-Chloroaniline	NA	ND(0.79)	NA	NA	ND(0.73)	ND(0.73)	ND(0.76)
4-Chlorobenzilate	NA	ND(2.0)	NA	NA	ND(1.8)	ND(1.8)	ND(1.9)
4-Chlorophenyl-phenylether	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
4-Nitroaniline	NA	ND(2.0)	NA	NA	ND(1.8)	ND(1.8)	ND(1.9)
4-Nitrophenol	NA	ND(2.0)	NA	NA	ND(1.8)	ND(1.8)	ND(1.9)
4-Nitroquinoline-1-oxide	NA	ND(2.0) J	NA	NA	ND(1.8) J	ND(1.8) J	ND(1.9) J
4-Phenylenediamine	NA	ND(2.0)	NA	NA	ND(1.8)	ND(1.8)	ND(1.9)
5-Nitro-o-toluidine	NA	ND(2.0)	NA	NA	ND(1.8)	ND(1.8)	ND(1.9)
7,12-Dimethylbenz(a)anthracene	NA	ND(0.79)	NA	NA	ND(0.73)	ND(0.73)	ND(0.76)
a,a'-Dimethylphenethylamine	NA	ND(2.0)	NA	NA	ND(1.8)	ND(1.8)	ND(1.9)
Acenaphthene	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Acenaphthylene	NA	2.3	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Acetophenone	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Aniline	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Anthracene	NA	1.9	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Aramite	NA	ND(0.79)	NA	NA	ND(0.73)	ND(0.73)	ND(0.76)
Benzidine	NA	ND(0.79)	NA	NA	ND(0.73)	ND(0.73)	ND(0.76)
Benzo(a)anthracene	NA	4.9	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Benzo(a)pyrene	NA	5.6	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Benzo(b)fluoranthene	NA	6.3	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Benzo(g,h,i)perylene	NA	2.7	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Benzo(k)fluoranthene	NA	2.3	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Benzyl Alcohol	NA	ND(0.79)	NA	NA	ND(0.73)	ND(0.73)	ND(0.76)
bis(2-Chloroethoxy)methane	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
bis(2-Chloroethyl)ether	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
bis(2-Chloroisopropyl)ether	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
bis(2-Ethylhexyl)phthalate	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Butylbenzylphthalate	NA	ND(0.79)	NA	NA	ND(0.73)	ND(0.73)	ND(0.76)
Chrysene	NA	5.1	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Diallate	NA	ND(0.79)	NA	NA	ND(0.73)	ND(0.73)	ND(0.76)
Dibenzo(a,h)anthracene	NA	ND(0.79)	NA	NA	ND(0.73)	ND(0.73)	ND(0.76)
Dibenzofuran	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Diethylphthalate	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Dimethoate	NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Di-n-Butylphthalate	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Di-n-Octylphthalate	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Diphenylamine	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Disulfoton	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Ethyl Parathion	NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	J9-23-17 / J9-23-17-IA-101 / 6-15 / 09/19/02	J9-23-17 / J9-23-17-IA-102 / 1-3 / 01/24/00	J9-23-17 / J9-23-17-IA-102 / 1-3 / 09/19/02	J9-23-17 / J9-23-17-IA-103 / 0-1 / 01/09/03	J9-23-17 / J9-23-17-IA-103 / 0.2-1 / 01/25/00	J9-23-17 / J9-23-17-IA-107 / 3-6 / 01/25/00	J9-23-17 / J9-23-17-IA-107 / 6-15 / 01/25/00
Semivolatile Organics (continued)							
Fluoranthene	NA	4.8	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Fluorene	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Hexachlorobenzene	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Hexachlorobutadiene	NA	ND(0.79)	NA	NA	ND(0.73)	ND(0.73)	ND(0.76)
Hexachlorocyclopentadiene	NA	ND(0.39) J	NA	NA	ND(0.36) J	ND(0.36) J	ND(0.38) J
Hexachloroethane	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Hexachlorophene	NA	ND(0.79) J	NA	NA	ND(0.73) J	ND(0.73) J	ND(0.76) J
Hexachloropropene	NA	ND(0.39) J	NA	NA	ND(0.36) J	ND(0.36) J	ND(0.38) J
Indeno(1,2,3-cd)pyrene	NA	3.1	NA	NA	ND(0.73)	ND(0.73)	ND(0.76)
Isodrin	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Isophorone	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Isosafrole	NA	ND(0.79)	NA	NA	ND(0.73)	ND(0.73)	ND(0.76)
Methapyrilene	NA	ND(2.0)	NA	NA	ND(1.8)	ND(1.8)	ND(1.9)
Methyl Methanesulfonate	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Methyl Parathion	NA	NA	NA	NA	NA	NA	NA
Naphthalene	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Nitrobenzene	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
N-Nitrosodiethylamine	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
N-Nitrosodimethylamine	NA	ND(2.0) J	NA	NA	ND(1.8) J	ND(1.8) J	ND(1.9) J
N-Nitroso-di-n-butylamine	NA	ND(0.79)	NA	NA	ND(0.73)	ND(0.73)	ND(0.76)
N-Nitroso-di-n-propylamine	NA	ND(0.79)	NA	NA	ND(0.73)	ND(0.73)	ND(0.76)
N-Nitrosodiphenylamine	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
N-Nitrosomethylethylamine	NA	ND(0.79)	NA	NA	ND(0.73)	ND(0.73)	ND(0.76)
N-Nitrosomorpholine	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
N-Nitrosopiperidine	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
N-Nitrosopyrrolidine	NA	ND(0.79)	NA	NA	ND(0.73)	ND(0.73)	ND(0.76)
o,o,o-Triethylphosphorothioate	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
o-Toluidine	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
p-Dimethylaminoazobenzene	NA	ND(2.0)	NA	NA	ND(1.8)	ND(1.8)	ND(1.9)
Pentachlorobenzene	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Pentachloroethane	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Pentachloronitrobenzene	NA	ND(2.0) J	NA	NA	ND(1.8) J	ND(1.8) J	ND(1.9) J
Pentachlorophenol	NA	ND(2.0)	NA	NA	ND(1.8)	ND(1.8)	ND(1.9)
Phenacetin	NA	ND(2.0)	NA	NA	ND(1.8)	ND(1.8)	ND(1.9)
Phenanthrene	NA	1.3	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Phenol	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Phorate	NA	NA	NA	NA	NA	NA	NA
Pronamide	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Pyrene	NA	4.9	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Pyridine	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Safrole	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Sulfotep	NA	NA	NA	NA	NA	NA	NA
Thionazin	NA	ND(0.39)	NA	NA	ND(0.36)	ND(0.36)	ND(0.38)
Organochlorine Pesticides							
4,4'-DDD	NA	ND(0.24)	NA	NA	ND(0.044)	ND(0.11)	ND(0.046)
4,4'-DDE	NA	ND(0.24)	NA	NA	ND(0.044)	ND(0.11)	ND(0.046)
4,4'-DDT	NA	ND(0.24)	NA	NA	ND(0.044)	ND(0.11)	ND(0.046)
Aldrin	NA	ND(0.12)	NA	NA	ND(0.022)	ND(0.054)	ND(0.023)
Alpha-BHC	NA	ND(0.12)	NA	NA	ND(0.022)	ND(0.054)	ND(0.023)
Alpha-Chlordane	NA	ND(0.12)	NA	NA	ND(0.022)	ND(0.054)	ND(0.023)
Beta-BHC	NA	ND(0.12)	NA	NA	ND(0.022)	ND(0.054)	ND(0.023)
Delta-BHC	NA	ND(0.12)	NA	NA	ND(0.022)	ND(0.054)	ND(0.023)
Dieldrin	NA	ND(0.24)	NA	NA	ND(0.044)	ND(0.11)	ND(0.046)
Endosulfan I	NA	ND(0.12)	NA	NA	ND(0.022)	ND(0.054)	ND(0.023)
Endosulfan II	NA	ND(0.24)	NA	NA	ND(0.044)	ND(0.11)	ND(0.046)
Endosulfan Sulfate	NA	ND(0.24)	NA	NA	ND(0.044)	ND(0.11)	ND(0.046)
Endrin	NA	ND(0.24)	NA	NA	ND(0.044)	ND(0.11)	ND(0.046)
Endrin Aldehyde	NA	ND(0.24)	NA	NA	ND(0.044)	ND(0.11)	ND(0.046)
Endrin Ketone	NA	ND(0.24)	NA	NA	ND(0.044)	ND(0.11)	ND(0.046)
Famphur	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	ND(0.12)	NA	NA	ND(0.022)	ND(0.054)	ND(0.023)
Gamma-Chlordane	NA	ND(0.12)	NA	NA	ND(0.022)	ND(0.054)	ND(0.023)
Heptachlor	NA	ND(0.12)	NA	NA	ND(0.022)	ND(0.054)	ND(0.023)
Heptachlor Epoxide	NA	ND(0.12)	NA	NA	ND(0.022)	ND(0.054)	ND(0.023)
Kepone	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	ND(1.2)	NA	NA	ND(0.22)	ND(0.54)	ND(0.23)
Technical Chlordane	NA	ND(0.24)	NA	NA	ND(0.22)	ND(0.54)	ND(0.23)
Toxaphene	NA	ND(1.2)	NA	NA	ND(0.22)	ND(0.54)	ND(0.23)

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	J9-23-17 / J9-23-17-IA-101 / 6-15 / 09/19/02	J9-23-17 / J9-23-17-IA-102 / 1-3 / 01/24/00	J9-23-17 / J9-23-17-IA-102 / 1-3 / 09/19/02	J9-23-17 / J9-23-17-IA-103 / 0-1 / 01/09/03	J9-23-17 / J9-23-17-IA-103 / 0.2-1 / 01/25/00	J9-23-17 / J9-23-17-IA-107 / 3-6 / 01/25/00	J9-23-17 / J9-23-17-IA-107 / 6-15 / 01/25/00
Herbicides							
2,4,5-T	NA	ND(0.38)	NA	NA	ND(0.35)	ND(0.35)	ND(0.36)
2,4,5-TP	NA	ND(0.38)	NA	NA	ND(0.35)	ND(0.35)	ND(0.36)
2,4-D	NA	ND(0.80)	NA	NA	ND(0.80)	ND(0.80)	ND(0.80)
Dinoseb	NA	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	0.010 YE	R	0.000035 Y	0.000020 Y	R	R	R
TCDFs (total)	0.075 I	R	0.00025	0.00028	R	R	R
1,2,3,7,8-PeCDF	0.0073	R	0.000024 J	0.000020	R	R	R
2,3,4,7,8-PeCDF	0.0078	R	0.000019 J	0.000048	R	R	R
PeCDFs (total)	0.078 QI	R	0.00018	0.00067 QI	R	R	R
1,2,3,4,7,8-HxCDF	0.019 EI	R	0.000032	0.000043	R	R	R
1,2,3,6,7,8-HxCDF	0.011 EI	R	0.000014 J	0.000033	R	R	R
1,2,3,7,8,9-HxCDF	0.0010	R	0.0000068 J	0.0000090	R	R	R
2,3,4,6,7,8-HxCDF	0.0034	R	0.0000070 J	0.000096	R	R	R
HxCDFs (total)	0.062 IQ	R	0.00013	0.0013	R	R	R
1,2,3,4,6,7,8-HpCDF	0.017 EQ	R	0.000024 J	0.00013	R	R	R
1,2,3,4,7,8,9-HpCDF	0.0048	R	0.0000068 J	0.000015	R	R	R
HpCDFs (total)	0.026 Q	R	0.000038	0.00030	R	R	R
OCDF	0.016 I	R	0.000020 J	0.000059	R	R	R
Dioxins							
2,3,7,8-TCDD	0.000049	R	ND(0.0000015)	ND(0.00000051) X	R	R	R
TCDDs (total)	0.0013	R	ND(0.0000030)	0.0000032	R	R	R
1,2,3,7,8-PeCDD	0.00024	R	ND(0.0000032)	0.0000026 J	R	R	R
PeCDDs (total)	0.0024 Q	R	ND(0.0000061)	0.000015 Q	R	R	R
1,2,3,4,7,8-HxCDD	0.00018	R	ND(0.0000032)	0.0000032 J	R	R	R
1,2,3,6,7,8-HxCDD	0.00029	R	ND(0.0000032)	0.0000034 J	R	R	R
1,2,3,7,8,9-HxCDD	0.00025	R	ND(0.0000032)	0.0000029 J	R	R	R
HxCDDs (total)	0.0040	R	ND(0.0000084)	0.000048	R	R	R
1,2,3,4,6,7,8-HpCDD	0.0016	R	0.0000052 J	0.000021	R	R	R
HpCDDs (total)	0.0032	R	0.0000098	0.000044	R	R	R
OCDD	0.0026	R	0.000017 J	0.00010	R	R	R
Total TEQs (WHO TEFs)	0.0093	NC	0.000023	0.000051	NC	NC	NC
Inorganics							
Antimony	NA	ND(10.4) J	NA	NA	ND(9.60) J	ND(10.0) J	ND(10.1) J
Arsenic	NA	ND(18.0)	NA	NA	ND(16.0)	ND(16.0)	ND(17.0)
Barium	NA	71.7 J	NA	NA	32.1 J	33.2 J	33.6 J
Beryllium	NA	0.200	NA	NA	ND(0.160)	0.210	0.200
Cadmium	NA	ND(1.80)	NA	NA	ND(1.60)	ND(1.60)	ND(1.70)
Chromium	NA	8.40 J	NA	NA	11.9 J	ND(8.30) J	ND(6.90) J
Cobalt	NA	ND(8.70) J	NA	NA	9.40 J	ND(8.30) J	8.40 J
Copper	NA	43.0	NA	NA	46.0	17.0	ND(17.0)
Cyanide	NA	ND(1.00) J	NA	NA	ND(1.00) J	ND(1.00) J	ND(1.00) J
Lead	5100 J	75.0	NA	NA	53.0	16.0	12.0
Mercury	NA	R	NA	NA	R	R	R
Nickel	NA	9.50	NA	NA	22.0	12.0	16.0
Selenium	NA	ND(0.880)	NA	NA	ND(0.820)	ND(0.810)	ND(0.860)
Silver	NA	ND(0.880)	NA	NA	ND(0.820)	ND(0.810)	ND(0.860)
Sulfide	NA	ND(5.90)	NA	NA	ND(5.50)	ND(5.40)	ND(5.70)
Thallium	NA	ND(1.80)	NA	NA	ND(1.60)	ND(1.60)	ND(1.70)
Tin	NA	R	NA	NA	48.2 J	49.8 J	50.4 J
Vanadium	NA	ND(8.80)	NA	NA	15.0	ND(8.10)	ND(8.60)
Zinc	NA	74.0	NA	NA	82.0	37.0	43.0

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	J9-23-17 / J9-23-17-IA-108 / 0-1 / 01/26/00	J9-23-17 / J9-23-17-IA-109 / 1-3 / 01/25/00	J9-23-17 / J9-23-17-IA-110 / 0-1 / 09/19/02	J9-23-17 / J9-23-17-IA-110 / 1-3 / 09/19/02	J9-23-17 / J9-23-17-IA-110 / 3-6 / 09/19/02	J9-23-17 / J9-23-17-IA-110 / 6-15 / 09/19/02
Volatile Organics						
1,1,1,2-Tetrachloroethane	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
1,1,1-Trichloroethane	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
1,1,2-Trichloroethane	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
1,1-Dichloroethane	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
1,1-Dichloroethene	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
1,2,3-Trichloropropane	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
1,2-Dibromoethane	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
1,2-Dichloroethane	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
1,2-Dichloropropane	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
1,4-Dioxane	ND(0.20) J	ND(0.20) J	NA	NA	NA	NA
2-Butanone	ND(0.10)	ND(0.10)	NA	NA	NA	NA
2-Chloro-1,3-butadiene	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
2-Chloroethylvinylether	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
2-Hexanone	ND(0.014)	ND(0.012)	NA	NA	NA	NA
3-Chloropropene	ND(0.014)	ND(0.012)	NA	NA	NA	NA
4-Methyl-2-pentanone	ND(0.014)	ND(0.012)	NA	NA	NA	NA
Acetone	0.022	0.020	NA	NA	NA	NA
Acetonitrile	ND(0.14)	ND(0.12)	NA	NA	NA	NA
Acrolein	ND(0.14) J	ND(0.12) J	NA	NA	NA	NA
Acrylonitrile	ND(0.014)	ND(0.012)	NA	NA	NA	NA
Benzene	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
Bromodichloromethane	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
Bromoform	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
Bromomethane	ND(0.014)	ND(0.012)	NA	NA	NA	NA
Carbon Disulfide	ND(0.010)	ND(0.010)	NA	NA	NA	NA
Carbon Tetrachloride	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
Chlorobenzene	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
Chloroethane	ND(0.014)	ND(0.012)	NA	NA	NA	NA
Chloroform	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
Chloromethane	ND(0.014)	ND(0.012)	NA	NA	NA	NA
cis-1,3-Dichloropropene	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
Dibromochloromethane	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
Dibromomethane	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
Dichlorodifluoromethane	ND(0.014)	ND(0.012)	NA	NA	NA	NA
Ethyl Methacrylate	ND(0.014)	ND(0.012)	NA	NA	NA	NA
Ethylbenzene	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
Iodomethane	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
Isobutanol	ND(0.27) J	ND(0.24) J	NA	NA	NA	NA
m&p-Xylene	NA	NA	NA	NA	NA	NA
Methacrylonitrile	ND(0.014)	ND(0.012)	NA	NA	NA	NA
Methyl Methacrylate	ND(0.014)	ND(0.012)	NA	NA	NA	NA
Methylene Chloride	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
o-Xylene	NA	NA	NA	NA	NA	NA
Propionitrile	ND(0.068)	ND(0.059)	NA	NA	NA	NA
Styrene	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
Tetrachloroethene	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
Toluene	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
trans-1,2-Dichloroethene	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
trans-1,3-Dichloropropene	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene	ND(0.014)	ND(0.012)	NA	NA	NA	NA
Trichloroethene	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
Trichlorofluoromethane	ND(0.0068)	ND(0.0059)	NA	NA	NA	NA
Vinyl Acetate	ND(0.014)	ND(0.012)	NA	NA	NA	NA
Vinyl Chloride	ND(0.014)	ND(0.012)	NA	NA	NA	NA
Xylenes (total)	ND(0.014)	ND(0.012)	NA	NA	NA	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.45)	ND(0.39)	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ND(0.45)	ND(0.39)	NA	NA	NA	NA
1,2-Dichlorobenzene	ND(0.45)	ND(0.39)	NA	NA	NA	NA
1,2-Diphenylhydrazine	ND(0.45)	ND(0.39)	NA	NA	NA	NA
1,3,5-Trinitrobenzene	ND(0.91)	ND(0.79)	NA	NA	NA	NA
1,3-Dichlorobenzene	ND(0.45)	ND(0.39)	NA	NA	NA	NA
1,3-Dinitrobenzene	ND(2.3)	ND(2.0)	NA	NA	NA	NA
1,4-Dichlorobenzene	ND(0.45)	ND(0.39)	NA	NA	NA	NA
1,4-Naphthoquinone	ND(2.3)	ND(2.0)	NA	NA	NA	NA
1-Naphthylamine	ND(2.3)	ND(2.0)	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Parcel ID:	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17
	Sample ID:	J9-23-17-IA-108	J9-23-17-IA-109	J9-23-17-IA-110	J9-23-17-IA-110	J9-23-17-IA-110	J9-23-17-IA-110
	Sample Depth(Feet):	0-1	1-3	0-1	1-3	3-6	6-15
Parameter	Date Collected:	01/26/00	01/25/00	09/19/02	09/19/02	09/19/02	09/19/02
Semivolatile Organics (continued)							
2,3,4,6-Tetrachlorophenol		ND(0.45)	ND(0.39)	NA	NA	NA	NA
2,4,5-Trichlorophenol		ND(0.45)	ND(0.39)	NA	NA	NA	NA
2,4,6-Trichlorophenol		ND(0.45)	ND(0.39)	NA	NA	NA	NA
2,4-Dichlorophenol		ND(0.45)	ND(0.39)	NA	NA	NA	NA
2,4-Dimethylphenol		ND(0.45)	ND(0.39)	NA	NA	NA	NA
2,4-Dinitrophenol		ND(2.3) J	ND(2.0) J	NA	NA	NA	NA
2,4-Dinitrotoluene		ND(2.3)	ND(2.0)	NA	NA	NA	NA
2,6-Dichlorophenol		ND(0.45)	ND(0.39)	NA	NA	NA	NA
2,6-Dinitrotoluene		ND(0.45)	ND(0.39)	NA	NA	NA	NA
2-Acetylaminofluorene		ND(0.91)	ND(0.79)	NA	NA	NA	NA
2-Chloronaphthalene		ND(0.45)	ND(0.39)	NA	NA	NA	NA
2-Chlorophenol		ND(0.45)	ND(0.39)	NA	NA	NA	NA
2-Methylnaphthalene		ND(0.45)	ND(0.39)	NA	NA	NA	NA
2-Methylphenol		ND(0.45)	ND(0.39)	NA	NA	NA	NA
2-Naphthylamine		ND(2.3)	ND(2.0)	NA	NA	NA	NA
2-Nitroaniline		ND(2.3)	ND(2.0)	NA	NA	NA	NA
2-Nitrophenol		ND(0.91) J	ND(0.79) J	NA	NA	NA	NA
2-Picoline		ND(0.45)	ND(0.39)	NA	NA	NA	NA
3&4-Methylphenol		ND(0.91)	ND(0.79)	NA	NA	NA	NA
3,3'-Dichlorobenzidine		ND(2.3)	ND(2.0)	NA	NA	NA	NA
3,3'-Dimethylbenzidine		ND(2.3)	ND(2.0)	NA	NA	NA	NA
3-Methylcholanthrene		ND(0.91)	ND(0.79)	NA	NA	NA	NA
3-Nitroaniline		ND(2.3)	ND(2.0)	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol		ND(0.45)	ND(0.39)	NA	NA	NA	NA
4-Aminobiphenyl		ND(0.91)	ND(0.79)	NA	NA	NA	NA
4-Bromophenyl-phenylether		ND(0.45)	ND(0.39)	NA	NA	NA	NA
4-Chloro-3-Methylphenol		ND(0.45)	ND(0.39)	NA	NA	NA	NA
4-Chloroaniline		ND(0.91)	ND(0.79)	NA	NA	NA	NA
4-Chlorobenzilate		ND(2.3)	ND(2.0)	NA	NA	NA	NA
4-Chlorophenyl-phenylether		ND(0.45)	ND(0.39)	NA	NA	NA	NA
4-Nitroaniline		ND(2.3)	ND(2.0)	NA	NA	NA	NA
4-Nitrophenol		ND(2.3)	ND(2.0)	NA	NA	NA	NA
4-Nitroquinoline-1-oxide		ND(2.3) J	ND(2.0) J	NA	NA	NA	NA
4-Phenylenediamine		ND(2.3) J	ND(2.0)	NA	NA	NA	NA
5-Nitro-o-toluidine		ND(2.3)	ND(2.0)	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene		ND(0.91)	ND(0.79)	NA	NA	NA	NA
a,a'-Dimethylphenethylamine		ND(2.3) J	ND(2.0)	NA	NA	NA	NA
Acenaphthene		ND(0.45)	ND(0.39)	NA	NA	NA	NA
Acenaphthylene		ND(0.45)	ND(0.39)	NA	NA	NA	NA
Acetophenone		ND(0.45)	ND(0.39)	NA	NA	NA	NA
Aniline		ND(0.45)	ND(0.39)	NA	NA	NA	NA
Anthracene		ND(0.45)	ND(0.39)	NA	NA	NA	NA
Aramite		ND(0.91)	ND(0.79)	NA	NA	NA	NA
Benzidine		ND(0.91)	ND(0.79)	NA	NA	NA	NA
Benzo(a)anthracene		ND(0.45)	ND(0.39)	NA	NA	NA	NA
Benzo(a)pyrene		ND(0.45)	ND(0.39)	NA	NA	NA	NA
Benzo(b)fluoranthene		ND(0.45)	ND(0.39)	NA	NA	NA	NA
Benzo(g,h,i)perylene		ND(0.45)	ND(0.39)	NA	NA	NA	NA
Benzo(k)fluoranthene		ND(0.45)	ND(0.39)	NA	NA	NA	NA
Benzyl Alcohol		ND(0.91)	ND(0.79)	NA	NA	NA	NA
bis(2-Chloroethoxy)methane		ND(0.45)	ND(0.39)	NA	NA	NA	NA
bis(2-Chloroethyl)ether		ND(0.45)	ND(0.39)	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether		ND(0.45)	ND(0.39)	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate		ND(0.45)	ND(0.39)	NA	NA	NA	NA
Butylbenzylphthalate		ND(0.91)	ND(0.79)	NA	NA	NA	NA
Chrysene		ND(0.45)	ND(0.39)	NA	NA	NA	NA
Diallate		ND(0.91)	ND(0.79)	NA	NA	NA	NA
Dibenzo(a,h)anthracene		ND(0.91)	ND(0.79)	NA	NA	NA	NA
Dibenzofuran		ND(0.45)	ND(0.39)	NA	NA	NA	NA
Diethylphthalate		ND(0.45)	ND(0.39)	NA	NA	NA	NA
Dimethoate		NA	NA	NA	NA	NA	NA
Dimethylphthalate		ND(0.45)	ND(0.39)	NA	NA	NA	NA
Di-n-Butylphthalate		ND(0.45)	ND(0.39)	NA	NA	NA	NA
Di-n-Octylphthalate		ND(0.45)	ND(0.39)	NA	NA	NA	NA
Diphenylamine		ND(0.45)	ND(0.39)	NA	NA	NA	NA
Disulfoton		NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate		ND(0.45)	ND(0.39)	NA	NA	NA	NA
Ethyl Parathion		NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17	J9-23-17
Sample ID:	J9-23-17-IA-108	J9-23-17-IA-109	J9-23-17-IA-110	J9-23-17-IA-110	J9-23-17-IA-110	J9-23-17-IA-110
Sample Depth(Feet):	0-1	1-3	0-1	1-3	3-6	6-15
Parameter Date Collected:	01/26/00	01/25/00	09/19/02	09/19/02	09/19/02	09/19/02
Semivolatile Organics (continued)						
Fluoranthene	0.68	ND(0.39)	NA	NA	NA	NA
Fluorene	ND(0.45)	ND(0.39)	NA	NA	NA	NA
Hexachlorobenzene	ND(0.45)	ND(0.39)	NA	NA	NA	NA
Hexachlorobutadiene	ND(0.91)	ND(0.79)	NA	NA	NA	NA
Hexachlorocyclopentadiene	ND(0.45) J	ND(0.39) J	NA	NA	NA	NA
Hexachloroethane	ND(0.45)	ND(0.39)	NA	NA	NA	NA
Hexachlorophene	ND(0.91) J	ND(0.79) J	NA	NA	NA	NA
Hexachloropropene	ND(0.45)	ND(0.39) J	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	ND(0.91)	ND(0.79)	NA	NA	NA	NA
Isodrin	ND(0.45)	ND(0.39)	NA	NA	NA	NA
Isophorone	ND(0.45)	ND(0.39)	NA	NA	NA	NA
Isosafrole	ND(0.91)	ND(0.79)	NA	NA	NA	NA
Methapyrilene	ND(2.3)	ND(2.0)	NA	NA	NA	NA
Methyl Methanesulfonate	ND(0.45)	ND(0.39)	NA	NA	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA
Naphthalene	ND(0.45)	ND(0.39)	NA	NA	NA	NA
Nitrobenzene	ND(0.45)	ND(0.39)	NA	NA	NA	NA
N-Nitrosodiethylamine	ND(0.45)	ND(0.39)	NA	NA	NA	NA
N-Nitrosodimethylamine	ND(2.2)	ND(2.0) J	NA	NA	NA	NA
N-Nitroso-di-n-butylamine	ND(0.91)	ND(0.79)	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	ND(0.91)	ND(0.79)	NA	NA	NA	NA
N-Nitrosodiphenylamine	ND(0.45)	ND(0.39)	NA	NA	NA	NA
N-Nitrosomethylethylamine	ND(0.91)	ND(0.79)	NA	NA	NA	NA
N-Nitrosomorpholine	ND(0.45)	ND(0.39)	NA	NA	NA	NA
N-Nitrosopiperidine	ND(0.45)	ND(0.39)	NA	NA	NA	NA
N-Nitrosopyrrolidine	ND(0.91)	ND(0.79)	NA	NA	NA	NA
o,o,o-Triethylphosphorothioate	ND(0.45)	ND(0.39)	NA	NA	NA	NA
o-Toluidine	ND(0.45) J	ND(0.39)	NA	NA	NA	NA
p-Dimethylaminoazobenzene	ND(2.3)	ND(2.0)	NA	NA	NA	NA
Pentachlorobenzene	ND(0.45)	ND(0.39)	NA	NA	NA	NA
Pentachloroethane	ND(0.45)	ND(0.39)	NA	NA	NA	NA
Pentachloronitrobenzene	ND(2.3) J	ND(2.0) J	NA	NA	NA	NA
Pentachlorophenol	ND(2.3)	ND(2.0)	NA	NA	NA	NA
Phenacetin	ND(2.3)	ND(2.0)	NA	NA	NA	NA
Phenanthrene	ND(0.45)	ND(0.39)	NA	NA	NA	NA
Phenol	ND(0.45)	ND(0.39)	NA	NA	NA	NA
Phorate	NA	NA	NA	NA	NA	NA
Pronamide	ND(0.45)	ND(0.39)	NA	NA	NA	NA
Pyrene	0.56	ND(0.39)	NA	NA	NA	NA
Pyridine	ND(0.45)	ND(0.39)	NA	NA	NA	NA
Safrole	ND(0.45)	ND(0.39)	NA	NA	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA
Thionazin	ND(0.45) J	ND(0.39)	NA	NA	NA	NA
Organochlorine Pesticides						
4,4'-DDD	ND(0.054)	ND(0.047)	NA	NA	NA	NA
4,4'-DDE	ND(0.054)	ND(0.047)	NA	NA	NA	NA
4,4'-DDT	ND(0.054)	ND(0.047)	NA	NA	NA	NA
Aldrin	ND(0.027)	ND(0.024)	NA	NA	NA	NA
Alpha-BHC	ND(0.027)	ND(0.024)	NA	NA	NA	NA
Alpha-Chlordane	ND(0.090)	ND(0.024)	NA	NA	NA	NA
Beta-BHC	ND(0.027)	ND(0.024)	NA	NA	NA	NA
Delta-BHC	ND(0.027)	ND(0.024)	NA	NA	NA	NA
Dieldrin	ND(0.054)	ND(0.047)	NA	NA	NA	NA
Endosulfan I	ND(0.027)	ND(0.024)	NA	NA	NA	NA
Endosulfan II	ND(0.054)	ND(0.047)	NA	NA	NA	NA
Endosulfan Sulfate	ND(0.054)	ND(0.047)	NA	NA	NA	NA
Endrin	ND(0.054)	ND(0.047)	NA	NA	NA	NA
Endrin Aldehyde	ND(0.054)	ND(0.047)	NA	NA	NA	NA
Endrin Ketone	ND(0.054)	ND(0.047)	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	ND(0.027)	ND(0.024)	NA	NA	NA	NA
Gamma-Chlordane	ND(0.090)	ND(0.024)	NA	NA	NA	NA
Heptachlor	ND(0.027)	ND(0.024)	NA	NA	NA	NA
Heptachlor Epoxide	ND(0.027)	ND(0.024)	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA
Methoxychlor	ND(0.27)	ND(0.24)	NA	NA	NA	NA
Technical Chlordane	ND(0.090)	ND(0.24)	NA	NA	NA	NA
Toxaphene	ND(0.27)	ND(0.24)	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	J9-23-17 / J9-23-17-IA-108 / 0-1 / 01/26/00	J9-23-17 / J9-23-17-IA-109 / 1-3 / 01/25/00	J9-23-17 / J9-23-17-IA-110 / 0-1 / 09/19/02	J9-23-17 / J9-23-17-IA-110 / 1-3 / 09/19/02	J9-23-17 / J9-23-17-IA-110 / 3-6 / 09/19/02	J9-23-17 / J9-23-17-IA-110 / 6-15 / 09/19/02
Herbicides						
2,4,5-T	ND(0.43)	ND(0.38)	NA	NA	NA	NA
2,4,5-TP	ND(0.43)	ND(0.38)	NA	NA	NA	NA
2,4-D	ND(0.80)	ND(0.80)	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	R	R	0.000031 Y	0.000028 Y	0.022 YEIJ [0.00014 Y]	0.010 YEJ
TCDFs (total)	R	R	0.00031	0.00039	0.0015 [0.0010]	0.0023
1,2,3,7,8-PeCDF	R	R	0.000045	0.000055	0.017 EJ [0.000072]	0.00038
2,3,4,7,8-PeCDF	R	R	0.000089	0.00027	0.018 EJ [0.00010]	0.00032
PeCDFs (total)	R	R	0.00067	0.0014	0.0011 [0.00090]	0.0027 Q
1,2,3,4,7,8-HxCDF	R	R	0.00015	0.00046	0.042 EJ [0.00014]	0.019 EIJ
1,2,3,6,7,8-HxCDF	R	R	0.000067	0.00015	0.022 EJ [0.000083]	0.011 EIJ
1,2,3,7,8,9-HxCDF	R	R	0.000055	0.00022	0.000016 [0.000016]	0.000082
2,3,4,6,7,8-HxCDF	R	R	0.000046	0.00017	0.000052 [0.000047]	0.00010
HxCDFs (total)	R	R	0.00066	0.0020	0.00076 [0.00070]	0.0022 I
1,2,3,4,6,7,8-HpCDF	R	R	0.000064	0.00013	0.045 EJ [0.00020]	0.017 EQJ
1,2,3,4,7,8,9-HpCDF	R	R	0.000025	0.00010	0.000026 [0.000026]	0.00012
HpCDFs (total)	R	R	0.00013	0.00043	0.00028 [0.00039]	0.00069
OCDF	R	R	0.000030	0.000068	0.045 EIJ [0.00016]	0.00033
Dioxins						
2,3,7,8-TCDD	R	R	ND(0.00000040) X	ND(0.00000095)	0.0000014 J [0.0000013 J]	0.0000015 J
TCDDs (total)	R	R	0.0000034	0.0000056	0.000044 [0.000040]	0.000032
1,2,3,7,8-PeCDD	R	R	ND(0.0000015) X	ND(0.0000016) X	0.0000040 J [0.0000028 J]	0.0000047 J
PeCDDs (total)	R	R	0.0000073	ND(0.0000023)	0.000051 [0.000041]	0.000058 Q
1,2,3,4,7,8-HxCDD	R	R	0.00000085 J	ND(0.0000022) X	0.0000056 J [0.0000058 J]	0.0000061 J
1,2,3,6,7,8-HxCDD	R	R	0.0000014 J	ND(0.0000038) X	0.0000063 J [0.000012]	0.0000076
1,2,3,7,8,9-HxCDD	R	R	0.0000012 J	0.0000020 J	0.0000043 J [0.0000053 J]	0.0000057 J
HxCDDs (total)	R	R	0.000018	0.000024	0.000082 [0.000099]	0.00012
1,2,3,4,6,7,8-HpCDD	R	R	0.000011	0.000018 J	0.000083 [0.00029]	0.000042
HpCDDs (total)	R	R	0.000024	0 000036	0.00018 [0.00063]	0.000087
OCDD	R	R	0.000045	0.000066	0.00064 [0.0046]	0.00010
Total TEQs (WHO TEFs)	NC	NC	0.000084	0.00024	0.019 [0.00011]	0.0044
Inorganics						
Antimony	ND(12.0)	ND(10.5) J	NA	NA	NA	NA
Arsenic	ND(20.0)	ND(18.0)	NA	NA	NA	NA
Barium	44.0	38.9 J	NA	NA	NA	NA
Beryllium	0.340	0.290	NA	NA	NA	NA
Cadmium	ND(2.00)	ND(1.80)	NA	NA	NA	NA
Chromium	16.0	9.20 J	NA	NA	NA	NA
Cobalt	ND(10.0)	ND(8.80) J	NA	NA	NA	NA
Copper	34.0	24.0	NA	NA	NA	NA
Cyanide	0.260	ND(1.00) J	NA	NA	NA	NA
Lead	49.0	14.0	NA	NA	89.0 J	50.0 J
Mercury	ND(0.270)	R	NA	NA	NA	NA
Nickel	17.0	16.0	NA	NA	NA	NA
Selenium	ND(1.00)	ND(0.880)	NA	NA	NA	NA
Silver	ND(1.00)	ND(0.880)	NA	NA	NA	NA
Sulfide	ND(6.80)	ND(5.90) J	NA	NA	NA	NA
Thallium	ND(2.00)	ND(1.80)	NA	NA	NA	NA
Tin	ND(61.0)	52.6 J	NA	NA	NA	NA
Vanadium	18.0	ND(8.80)	NA	NA	NA	NA
Zinc	80.0	49.0	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	Parcel ID:	J9-23-18	J9-23-18	J9-23-18	J9-23-18	J9-23-18	J9-23-18
	Sample ID:	J9-23-18-H-11	J9-23-18-H-11	J9-23-18-H-11	J9-23-18-H-11	J9-23-18-H-11	J9-23-18-H-11
	Sample Depth(Feet):	0-1	1-3	3-4	3-6	10-15	12-14
Parameter	Date Collected:	03/16/01	08/19/02	08/19/02	08/19/02	03/16/01	03/16/01
Volatile Organics							
1,1,1,2-Tetrachloroethane		ND(0.0063)	ND(0.0056)	ND(0 0053)	NA	NA	ND(0.0059)
1,1,1-Trichloroethane		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
1,1,2,2-Tetrachloroethane		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
1,1,2-Trichloroethane		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
1,1-Dichloroethane		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
1,1-Dichloroethene		ND(0.0063)	ND(0.0056)	ND(0 0053)	NA	NA	ND(0.0059)
1,2,3-Trichloropropane		ND(0.0063)	ND(0.0056)	ND(0 0053)	NA	NA	ND(0.0059)
1,2-Dibromo-3-chloropropane		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
1,2-Dibromoethane		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
1,2-Dichloroethane		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
1,2-Dichloropropane		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
1,4-Dioxane		ND(1.3) J	ND(0.11) J	ND(0.10) J	NA	NA	ND(1.2) J
2-Butanone		ND(0.013)	ND(0.011)	ND(0.010)	NA	NA	ND(0.012)
2-Chloro-1,3-butadiene		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
2-Chloroethylvinylether		ND(0.013) J	ND(0.0056) J	ND(0.0053) J	NA	NA	ND(0.012) J
2-Hexanone		ND(0.013)	ND(0.011)	ND(0.010)	NA	NA	ND(0.012)
3-Chloropropene		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
4-Methyl-2-pentanone		ND(0.013)	ND(0.011)	ND(0.010)	NA	NA	ND(0.012)
Acetone		ND(0.025)	ND(0.022)	ND(0.021)	NA	NA	0.0047 J
Acetonitrile		ND(0.13) J	ND(0.11)	ND(0.10)	NA	NA	ND(0.12) J
Acrolein		ND(0.13) J	ND(0.11) J	ND(0.10) J	NA	NA	ND(0.12) J
Acrylonitrile		ND(0.13)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.12)
Benzene		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
Bromodichloromethane		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
Bromoform		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
Bromomethane		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
Carbon Disulfide		ND(0.013)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.012)
Carbon Tetrachloride		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
Chlorobenzene		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
Chloroethane		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
Chloroform		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
Chloromethane		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
cis-1,3-Dichloropropene		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
Dibromochloromethane		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
Dibromomethane		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
Dichlorodifluoromethane		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
Ethyl Methacrylate		ND(0.013)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.012)
Ethylbenzene		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
Iodomethane		ND(0.013)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.012)
Isobutanol		ND(0.25) J	ND(0.11)	ND(0.10)	NA	NA	ND(0.23) J
m&p-Xylene		ND(0.0063)	NA	NA	NA	NA	ND(0.0059)
Methacrylonitrile		ND(0.13)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.12)
Methyl Methacrylate		ND(0.013)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.012)
Methylene Chloride		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
o-Xylene		ND(0.0063)	NA	NA	NA	NA	ND(0.0059)
Propionitrile		ND(0.13)	ND(0.011)	ND(0.010)	NA	NA	ND(0.12)
Styrene		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
Tetrachloroethene		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
Toluene		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
trans-1,2-Dichloroethene		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
trans-1,3-Dichloropropene		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
trans-1,4-Dichloro-2-butene		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
Trichloroethene		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
Trichlorofluoromethane		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
Vinyl Acetate		ND(0.013) J	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.012) J
Vinyl Chloride		ND(0.0063)	ND(0.0056)	ND(0.0053)	NA	NA	ND(0.0059)
Xylenes (total)		NA	ND(0.0056)	ND(0.0053)	NA	NA	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
1,2,4-Trichlorobenzene		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
1,2-Dichlorobenzene		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
1,2-Diphenylhydrazine		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
1,3,5-Trinitrobenzene		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
1,3-Dichlorobenzene		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
1,3-Dinitrobenzene		ND(0.41)	ND(0.76)	NA	ND(0.71)	ND(0.40)	NA
1,4-Dichlorobenzene		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
1,4-Naphthoquinone		ND(2.1)	ND(0.76)	NA	ND(0.71)	ND(2.0)	NA
1-Naphthylamine		ND(0.41)	ND(0.76)	NA	ND(0.71)	ND(0.40)	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	J9-23-18 / J9-23-18-H-11 / 0-1 / 03/16/01	J9-23-18 / J9-23-18-H-11 / 1-3 / 08/19/02	J9-23-18 / J9-23-18-H-11 / 3-4 / 08/19/02	J9-23-18 / J9-23-18-H-11 / 3-6 / 08/19/02	J9-23-18 / J9-23-18-H-11 / 10-15 / 03/16/01	J9-23-18 / J9-23-18-H-11 / 12-14 / 03/16/01
Semivolatile Organics (continued)							
2,3,4,6-Tetrachlorophenol		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
2,4,5-Trichlorophenol		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
2,4,6-Trichlorophenol		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
2,4-Dichlorophenol		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
2,4-Dimethylphenol		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
2,4-Dinitrophenol		ND(2.1) J	ND(1.9)	NA	ND(1.8)	ND(2.0) J	NA
2,4-Dinitrotoluene		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
2,6-Dichlorophenol		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
2,6-Dinitrotoluene		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
2-Acetylaminofluorene		ND(0.41)	ND(0.76)	NA	ND(0.71)	ND(0.40)	NA
2-Chloronaphthalene		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
2-Chlorophenol		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
2-Methylnaphthalene		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
2-Methylphenol		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
2-Naphthylamine		ND(0.41)	ND(0.76)	NA	ND(0.71)	ND(0.40)	NA
2-Nitroaniline		ND(2.1)	ND(1.9)	NA	ND(1.8)	ND(2.0)	NA
2-Nitrophenol		ND(0.41)	ND(0.76)	NA	ND(0.71)	ND(0.40)	NA
2-Picoline		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
3&4-Methylphenol		ND(0.41)	ND(0.76)	NA	ND(0.71)	ND(0.40)	NA
3,3'-Dichlorobenzidine		ND(0.41)	ND(0.76)	NA	ND(0.71)	ND(0.40)	NA
3,3'-Dimethylbenzidine		ND(0.41)	ND(0.38)	NA	ND(0.35) J	ND(0.40)	NA
3-Methylcholanthrene		ND(0.41)	ND(0.76)	NA	ND(0.71)	ND(0.40)	NA
3-Nitroaniline		ND(2.1)	ND(1.9)	NA	ND(1.8) J	ND(2.0)	NA
4,6-Dinitro-2-methylphenol		ND(2.1)	ND(0.38)	NA	ND(0.35)	ND(2.0)	NA
4-Aminobiphenyl		ND(2.1)	ND(0.76)	NA	ND(0.71) J	ND(2.0)	NA
4-Bromophenyl-phenylether		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
4-Chloro-3-Methylphenol		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
4-Chloroaniline		ND(0.41) J	ND(0.38)	NA	ND(0.35)	ND(0.40) J	NA
4-Chlorobenzilate		ND(0.41)	ND(0.76)	NA	ND(0.71)	ND(0.40)	NA
4-Chlorophenyl-phenylether		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
4-Nitroaniline		ND(2.1)	ND(1.9)	NA	ND(1.8) J	ND(2.0)	NA
4-Nitrophenol		ND(2.1)	ND(1.9)	NA	ND(1.8)	ND(2.0)	NA
4-Nitroquinoline-1-oxide		ND(2.1)	ND(0.76)	NA	ND(0.71) J	ND(2.0)	NA
4-Phenylenediamine		ND(2.1) J	ND(0.76) J	NA	ND(0.71) J	ND(2.0) J	NA
5-Nitro-o-toluidine		ND(0.41)	ND(0.76)	NA	ND(0.71)	ND(0.40)	NA
7,12-Dimethylbenz(a)anthracene		ND(0.41)	ND(0.76)	NA	ND(0.71)	ND(0.40)	NA
a,a'-Dimethylphenethylamine		ND(2.1)	ND(0.76)	NA	ND(0.71)	ND(2.0)	NA
Acenaphthene		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
Acenaphthylene		0.91	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
Acetophenone		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
Aniline		ND(0.41) J	ND(0.38)	NA	ND(0.35)	ND(0.40) J	NA
Anthracene		0.64	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
Aramite		ND(2.1)	ND(0.76) J	NA	ND(0.71)	ND(2.0)	NA
Benzidine		ND(4.1) J	ND(0.76) J	NA	ND(0.71)	ND(4.0) J	NA
Benzo(a)anthracene		0.48	0.39	NA	ND(0.35)	ND(0.40)	NA
Benzo(a)pyrene		0.64	0.31 J	NA	ND(0.35)	ND(0.40)	NA
Benzo(b)fluoranthene		0.45	0.21 J	NA	ND(0.35)	ND(0.40)	NA
Benzo(g,h,i)perylene		0.75	0.20 J	NA	ND(0.35)	ND(0.40)	NA
Benzo(k)fluoranthene		0.42	0.24 J	NA	ND(0.35)	ND(0.40)	NA
Benzyl Alcohol		ND(2.1)	ND(0.76)	NA	ND(0.71)	ND(2.0)	NA
bis(2-Chloroethoxy)methane		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
bis(2-Chloroethyl)ether		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
bis(2-Chloroisopropyl)ether		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
bis(2-Ethylhexyl)phthalate		0.084 J	ND(0.37)	NA	ND(0.35)	ND(0.40)	NA
Butylbenzylphthalate		0.25 J	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
Chrysene		0.57	0.52	NA	ND(0.35)	ND(0.40)	NA
Diallate		ND(0.41)	ND(0.76)	NA	ND(0.71)	ND(0.40)	NA
Dibenzo(a,h)anthracene		0.27 J	0.076 J	NA	ND(0.35)	ND(0.40)	NA
Dibenzofuran		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
Diethylphthalate		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
Dimethoate		NA	NA	NA	NA	NA	NA
Dimethylphthalate		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
Di-n-Butylphthalate		0.32 J	1.6	NA	ND(0.35)	ND(0.40)	NA
Di-n-Octylphthalate		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
Diphenylamine		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
Disulfoton		NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate		ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
Ethyl Parathion		NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	J9-23-18 / J9-23-18-H-11 / 0-1 / 03/16/01	J9-23-18 / J9-23-18-H-11 / 1-3 / 08/19/02	J9-23-18 / J9-23-18-H-11 / 3-4 / 08/19/02	J9-23-18 / J9-23-18-H-11 / 3-6 / 08/19/02	J9-23-18 / J9-23-18-H-11 / 10-15 / 03/16/01	J9-23-18 / J9-23-18-H-11 / 12-14 / 03/16/01
Semivolatile Organics (continued)						
Fluoranthene	0.77	0.38	NA	ND(0.35)	ND(0.40)	NA
Fluorene	ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
Hexachlorobenzene	ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
Hexachlorobutadiene	ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
Hexachlorocyclopentadiene	ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
Hexachloroethane	ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
Hexachlorophene	ND(0.63) J	ND(0.76) J	NA	ND(0.71) J	ND(0.60) J	NA
Hexachloropropene	ND(0.41)	ND(0.38)	NA	ND(0.35) J	ND(0.40)	NA
Indeno(1,2,3-cd)pyrene	0.60	0.15 J	NA	ND(0.35)	ND(0.40)	NA
Isodrin	ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
Isophorone	ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
Isosafrole	ND(0.41)	ND(0.76)	NA	ND(0.71)	ND(0.40)	NA
Methapyrilene	ND(2.1)	ND(0.76)	NA	ND(0.71)	ND(2.0)	NA
Methyl Methanesulfonate	ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA
Naphthalene	0.11 J	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
Nitrobenzene	ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
N-Nitrosodiethylamine	ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
N-Nitrosodimethylamine	ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
N-Nitroso-di-n-butylamine	ND(0.41)	ND(0.76)	NA	ND(0.71)	ND(0.40)	NA
N-Nitroso-di-n-propylamine	ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
N-Nitrosodiphenylamine	ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
N-Nitrosomethylethylamine	ND(0.41)	ND(0.76)	NA	ND(0.71)	ND(0.40)	NA
N-Nitrosomorpholine	ND(0.41)	ND(0.38) J	NA	ND(0.35) J	ND(0.40)	NA
N-Nitrosopiperidine	ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
N-Nitrosopyrrolidine	ND(0.41)	ND(0.76) J	NA	ND(0.71)	ND(0.40)	NA
o,o,o-Triethylphosphorothioate	ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
o-Toluidine	ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
p-Dimethylaminoazobenzene	ND(0.41)	ND(0.76) J	NA	ND(0.71)	ND(0.40)	NA
Pentachlorobenzene	ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
Pentachloroethane	ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
Pentachloronitrobenzene	ND(0.41)	ND(0.76)	NA	ND(0.71) J	ND(0.40)	NA
Pentachlorophenol	ND(2.1)	ND(1.9)	NA	ND(1.8)	ND(2.0)	NA
Phenacetin	ND(0.41)	ND(0.76)	NA	ND(0.71)	ND(0.40)	NA
Phenanthrene	0.33 J	0.26 J	NA	ND(0.35)	ND(0.40)	NA
Phenol	ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
Phorate	NA	NA	NA	NA	NA	NA
Pronamide	ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
Pyrene	0.79	1.2	NA	ND(0.35)	ND(0.40)	NA
Pyridine	ND(2.1)	ND(0.38)	NA	ND(0.35)	ND(2.0)	NA
Safrole	ND(0.41)	ND(0.38)	NA	ND(0.35)	ND(0.40)	NA
Sulfotep	NA	NA	NA	NA	NA	NA
Thionazin	ND(0.41)	ND(0.38) J	NA	ND(0.35)	ND(0.40)	NA
Organochlorine Pesticides						
4,4'-DDD	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	J9-23-18 / J9-23-18-H-11 / 0-1 / 03/16/01	J9-23-18 / J9-23-18-H-11 / 1-3 / 08/19/02	J9-23-18 / J9-23-18-H-11 / 3-4 / 08/19/02	J9-23-18 / J9-23-18-H-11 / 3-6 / 08/19/02	J9-23-18 / J9-23-18-H-11 / 10-15 / 03/16/01	J9-23-18 / J9-23-18-H-11 / 12-14 / 03/16/01
Herbicides						
2,4,5-T	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	0.00021 J	0.000052 Y	NA	0.0000014 Y	ND(0.00000055) JX	NA
TCDFs (total)	0.00098	0.00049	NA	0.0000087	ND(0.00000017)	NA
1,2,3,7,8-PeCDF	0.000083	0.000070	NA	0.0000013 J	ND(0.000000090)	NA
2,3,4,7,8-PeCDF	0.000070	0.000045	NA	0.0000011 J	ND(0.000000090)	NA
PeCDFs (total)	0.00069	0.00044 Q	NA	0.000010	0.00000054	NA
1,2,3,4,7,8-HxCDF	0.00018	0.00010	NA	0.0000021 J	ND(0.00000033) JX	NA
1,2,3,6,7,8-HxCDF	0.000078	0.000053	NA	0.0000012 J	ND(0.000000080)	NA
1,2,3,7,8,9-HxCDF	0.0000041	0.000024	NA	0.00000035 J	ND(0.000000090)	NA
2,3,4,6,7,8-HxCDF	0.000013	0.000024	NA	0.00000050 J	ND(0.000000082)	NA
HxCDFs (total)	0.00063	0.00039	NA	0.0000080	ND(0.000000080)	NA
1,2,3,4,6,7,8-HpCDF	0.00016	0.000066	NA	0.0000015 J	ND(0.00000019) JX	NA
1,2,3,4,7,8,9-HpCDF	0.000028	0.000020	NA	ND(0.00000041)	ND(0.00000011)	NA
HpCDFs (total)	0.00031	0.00011	NA	0.0000023	ND(0.000000090)	NA
OCDF	0.00014	0.000067	NA	ND(0.0000014)	0.00000028 J	NA
Dioxins						
2,3,7,8-TCDD	ND(0.00000036)	ND(0.00000046) X	NA	ND(0.00000013)	ND(0.00000016)	NA
TCDDs (total)	0.0000053	0.0000097	NA	ND(0.00000013)	ND(0.00000016)	NA
1,2,3,7,8-PeCDD	0.0000015 J	ND(0.0000011) X	NA	ND(0.00000024)	ND(0.00000012)	NA
PeCDDs (total)	0.000012	0.000011 Q	NA	ND(0.00000025)	ND(0.00000012)	NA
1,2,3,4,7,8-HxCDD	ND(0.0000011) JX	ND(0.00000070) X	NA	ND(0.00000024)	ND(0.000000093)	NA
1,2,3,6,7,8-HxCDD	ND(0.0000044) X	0.0000015 J	NA	ND(0.00000024)	ND(0.00000011)	NA
1,2,3,7,8,9-HxCDD	0.0000026	0.00000091 J	NA	ND(0.00000024)	ND(0.000000098)	NA
HxCDDs (total)	0.000035	0.000017	NA	ND(0.00000031)	ND(0.00000011)	NA
1,2,3,4,6,7,8-HpCDD	0.000057	0.0000090	NA	0.00000026 J	0.00000050 J	NA
HpCDDs (total)	0.00014	0.000018	NA	0.00000055	0.00000083	NA
OCDD	0.00028	0.000038	NA	ND(0.0000012)	0.0000018 J	NA
Total TEQs (WHO TEFs)	0.000092	0.000053	NA	0.0000014	0.00000028	NA
Inorganics						
Antimony	2.80 J	1.20 B	NA	ND(6.00)	1.10 J	NA
Arsenic	5.90	6.00	NA	3.70	0.980 B	NA
Barium	94.2	42.0	NA	21.0	12.3	NA
Beryllium	ND(0.0200)	ND(0.500)	NA	ND(0.500)	ND(0.0200)	NA
Cadmium	1.40	0.570	NA	ND(0.500)	0.0800 B	NA
Chromium	10.2	6.90	NA	6.90	5.10	NA
Cobalt	11.1	5.30	NA	8.20	6.00	NA
Copper	208	44.0	NA	18.0	20.6	NA
Cyanide	ND(1.25)	0.100 B	NA	ND(0.100)	ND(1.20)	NA
Lead	410 J	58.0	NA	7.20	4.80 J	NA
Mercury	0.180	0.210 J	NA	0.0260 J	ND(0.00400)	NA
Nickel	15.9 J	9.20	NA	12.0	11.3 J	NA
Selenium	0.480 B	ND(1.00)	NA	ND(1.00)	0.200 B	NA
Silver	0.170 B	ND(1.00)	NA	ND(1.00)	ND(0.110)	NA
Sulfide	ND(25.0)	42.0 J	NA	22.0 J	ND(24.1)	NA
Thallium	ND(0.170)	ND(1.70)	NA	ND(1.60)	ND(0.160)	NA
Tin	56.1 B	ND(10)	NA	ND(10)	ND(12.4)	NA
Vanadium	15.6	7.00	NA	6.10	9.20	NA
Zinc	250	100	NA	35.0	30.4	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-18	J9-23-18	J9-23-18	J9-23-18	J9-23-18	J9-23-18	J9-23-18
Sample ID:	J9-23-18-J-11	J9-23-18-RV-1	J9-23-18-RV-1	J9-23-18-RV-1	J9-23-18-RV-2	J9-23-18-RV-2	J9-23-18-RV-8
Sample Depth(Feet):	0-1	1-3	3-6	4-6	3-6	6-15	0-1
Parameter Date Collected:	03/16/01	08/19/02	08/19/02	08/19/02	08/16/02	08/16/02	03/16/01
Volatile Organics							
1,1,1,2-Tetrachloroethane	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
1,1,1-Trichloroethane	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
1,1,2,2-Tetrachloroethane	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
1,1,2-Trichloroethane	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
1,1-Dichloroethane	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
1,1-Dichloroethene	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
1,2,3-Trichloropropane	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
1,2-Dibromo-3-chloropropane	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
1,2-Dibromoethane	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
1,2-Dichloroethane	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
1,2-Dichloropropane	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
1,4-Dioxane	ND(1.1) J	ND(0.10) J	NA	ND(0.11) J	NA	NA	ND(1.2) J
2-Butanone	ND(0.011)	ND(0.010)	NA	ND(0.011)	NA	NA	0.0056 J
2-Chloro-1,3-butadiene	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
2-Chloroethylvinylether	ND(0.011) J	ND(0.0051) J	NA	ND(0.0057) J	NA	NA	ND(0.012) J
2-Hexanone	ND(0.011)	ND(0.010)	NA	ND(0.011)	NA	NA	ND(0.012)
3-Chloropropene	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
4-Methyl-2-pentanone	ND(0.011)	ND(0.010)	NA	ND(0.011)	NA	NA	ND(0.012)
Acetone	ND(0.022)	ND(0.020)	NA	0.014 J	NA	NA	0.052
Acetonitrile	ND(0.11) J	ND(0.10)	NA	ND(0.11)	NA	NA	ND(0.12) J
Acrolein	ND(0.11) J	ND(0.10) J	NA	ND(0.11) J	NA	NA	ND(0.12) J
Acrylonitrile	ND(0.11)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.12)
Benzene	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
Bromodichloromethane	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
Bromoform	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
Bromomethane	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
Carbon Disulfide	ND(0.011)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.012)
Carbon Tetrachloride	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
Chlorobenzene	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
Chloroethane	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
Chloroform	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
Chloromethane	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
cis-1,3-Dichloropropene	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
Dibromochloromethane	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
Dibromomethane	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
Dichlorodifluoromethane	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
Ethyl Methacrylate	ND(0.011)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.012)
Ethylbenzene	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
Iodomethane	ND(0.011)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.012)
Isobutanol	ND(0.22) J	ND(0.10)	NA	ND(0.11)	NA	NA	ND(0.24) J
m&p-Xylene	ND(0.0054)	NA	NA	NA	NA	NA	ND(0.0059)
Methacrylonitrile	ND(0.11)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.12)
Methyl Methacrylate	ND(0.011)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.012)
Methylene Chloride	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
o-Xylene	ND(0.0054)	NA	NA	NA	NA	NA	ND(0.0059)
Propionitrile	ND(0.11)	ND(0.010)	NA	ND(0.011)	NA	NA	ND(0.12)
Styrene	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
Tetrachloroethene	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
Toluene	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
trans-1,2-Dichloroethene	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
trans-1,3-Dichloropropene	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
trans-1,4-Dichloro-2-butene	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
Trichloroethene	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
Trichlorofluoromethane	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
Vinyl Acetate	ND(0.011) J	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.012) J
Vinyl Chloride	ND(0.0054)	ND(0.0051)	NA	ND(0.0057)	NA	NA	ND(0.0059)
Xylenes (total)	NA	ND(0.0051)	NA	ND(0.0057)	NA	NA	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.36)	ND(0.34)	0.14 J	NA	NA	NA	ND(0.39)
1,2,4-Trichlorobenzene	ND(0.36)	ND(0.34)	0.19 J	NA	NA	NA	ND(0.39)
1,2-Dichlorobenzene	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
1,2-Diphenylhydrazine	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
1,3,5-Trinitrobenzene	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
1,3-Dichlorobenzene	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
1,3-Dinitrobenzene	ND(0.36)	ND(0.69)	ND(0.77)	NA	NA	NA	ND(0.39)
1,4-Dichlorobenzene	ND(0.36)	ND(0.34)	0.082 J	NA	NA	NA	ND(0.39)
1,4-Naphthoquinone	ND(1.8)	ND(0.69)	ND(0.77)	NA	NA	NA	ND(2.0)
1-Naphthylamine	ND(0.36)	ND(0.69)	ND(0.77)	NA	NA	NA	ND(0.39)

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	J9-23-18 / J9-23-18-J-11 / 0-1 / 03/16/01	J9-23-18 / J9-23-18-RV-1 / 1-3 / 08/19/02	J9-23-18 / J9-23-18-RV-1 / 3-6 / 08/19/02	J9-23-18 / J9-23-18-RV-1 / 4-6 / 08/19/02	J9-23-18 / J9-23-18-RV-2 / 3-6 / 08/16/02	J9-23-18 / J9-23-18-RV-2 / 6-15 / 08/16/02	J9-23-18 / J9-23-18-RV-8 / 0-1 / 03/16/01
Semivolatile Organics (continued)							
2,3,4,6-Tetrachlorophenol	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
2,4,5-Trichlorophenol	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
2,4,6-Trichlorophenol	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
2,4-Dichlorophenol	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
2,4-Dimethylphenol	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
2,4-Dinitrophenol	ND(1.8)	ND(1.7)	ND(1.9)	NA	NA	NA	ND(2.0)
2,4-Dinitrotoluene	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
2,6-Dichlorophenol	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
2,6-Dinitrotoluene	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
2-Acetylaminofluorene	ND(0.36)	ND(0.69)	ND(0.77)	NA	NA	NA	ND(0.39)
2-Chloronaphthalene	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
2-Chlorophenol	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
2-Methylnaphthalene	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
2-Methylphenol	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
2-Naphthylamine	ND(0.36)	ND(0.69)	ND(0.77)	NA	NA	NA	ND(0.39)
2-Nitroaniline	ND(1.8)	ND(1.7)	ND(1.9)	NA	NA	NA	ND(2.0)
2-Nitrophenol	ND(0.36)	ND(0.69)	ND(0.77)	NA	NA	NA	ND(0.39)
2-Picoline	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
3&4-Methylphenol	ND(0.36)	ND(0.69)	ND(0.77)	NA	NA	NA	ND(0.39)
3,3'-Dichlorobenzidine	ND(0.36)	ND(0.69)	ND(0.77)	NA	NA	NA	ND(0.39)
3,3'-Dimethylbenzidine	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
3-Methylcholanthrene	ND(0.36)	ND(0.69)	ND(0.77)	NA	NA	NA	ND(0.39)
3-Nitroaniline	ND(1.8)	ND(1.7)	ND(1.9)	NA	NA	NA	ND(2.0)
4,6-Dinitro-2-methylphenol	ND(1.8)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(2.0)
4-Aminobiphenyl	ND(1.8)	ND(0.69)	ND(0.77)	NA	NA	NA	ND(2.0)
4-Bromophenyl-phenylether	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
4-Chloro-3-Methylphenol	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
4-Chloroaniline	ND(0.36) J	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39) J
4-Chlorobenzilate	ND(0.36)	ND(0.69)	ND(0.77)	NA	NA	NA	ND(0.39)
4-Chlorophenyl-phenylether	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
4-Nitroaniline	ND(1.8)	ND(1.7)	ND(1.9)	NA	NA	NA	ND(2.0)
4-Nitrophenol	ND(1.8)	ND(1.7)	ND(1.9)	NA	NA	NA	ND(2.0)
4-Nitroquinoline-1-oxide	ND(1.8)	ND(0.69)	ND(0.77)	NA	NA	NA	ND(2.0)
4-Phenylenediamine	ND(1.8) J	ND(0.69) J	ND(0.77) J	NA	NA	NA	ND(2.0) J
5-Nitro-o-toluidine	ND(0.36)	ND(0.69)	ND(0.77)	NA	NA	NA	ND(0.39)
7,12-Dimethylbenz(a)anthracene	ND(0.36)	ND(0.69)	ND(0.77)	NA	NA	NA	ND(0.39)
a,a'-Dimethylphenethylamine	ND(1.8)	ND(0.69)	ND(0.77)	NA	NA	NA	ND(2.0)
Acenaphthene	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
Acenaphthylene	0.17 J	ND(0.34)	ND(0.38)	NA	NA	NA	0.065 J
Acetophenone	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
Aniline	ND(0.36) J	ND(0.34)	0.12 J	NA	NA	NA	ND(0.39) J
Anthracene	0.13 J	0.097 J	0.24 J	NA	NA	NA	0.082 J
Aramite	ND(1.8)	ND(0.69) J	ND(0.77) J	NA	NA	NA	ND(2.0)
Benzidine	ND(3.6)	ND(0.69) J	ND(0.77) J	NA	NA	NA	ND(3.9)
Benzo(a)anthracene	0.18 J	0.64	0.35 J	NA	NA	NA	0.35 J
Benzo(a)pyrene	0.19 J	0.60	0.48	NA	NA	NA	0.46
Benzo(b)fluoranthene	0.15 J	0.41	0.56	NA	NA	NA	0.47
Benzo(g,h,i)perylene	0.18 J	0.44	0.39	NA	NA	NA	0.41
Benzo(k)fluoranthene	0.16 J	0.61	0.43	NA	NA	NA	0.40
Benzyl Alcohol	ND(1.8)	ND(0.69)	ND(0.77)	NA	NA	NA	ND(2.0)
bis(2-Chloroethoxy)methane	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
bis(2-Chloroethyl)ether	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
bis(2-Chloroisopropyl)ether	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
bis(2-Ethylhexyl)phthalate	0.046 J	ND(0.34)	ND(0.38)	NA	NA	NA	0.14 J
Butylbenzylphthalate	0.80	ND(0.34)	ND(0.38)	NA	NA	NA	0.35 J
Chrysene	0.29 J	0.60	0.40	NA	NA	NA	0.41
Diallate	ND(0.36)	ND(0.69)	ND(0.77)	NA	NA	NA	ND(0.39)
Dibenzo(a,h)anthracene	0.066 J	0.078 J	0.16 J	NA	NA	NA	0.13 J
Dibenzofuran	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
Diethylphthalate	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
Dimethoate	NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
Di-n-Butylphthalate	0.057 J	0.090 J	0.19 J	NA	NA	NA	ND(0.39)
Di-n-Octylphthalate	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
Diphenylamine	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
Disulfoton	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
Ethyl Parathion	NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	J9-23-18 / J9-23-18-J-11 / 0-1 / 03/16/01	J9-23-18 / J9-23-18-RV-1 / 1-3 / 08/19/02	J9-23-18 / J9-23-18-RV-1 / 3-6 / 08/19/02	J9-23-18 / J9-23-18-RV-1 / 4-6 / 08/19/02	J9-23-18 / J9-23-18-RV-2 / 3-6 / 08/16/02	J9-23-18 / J9-23-18-RV-2 / 6-15 / 08/16/02	J9-23-18 / J9-23-18-RV-8 / 0-1 / 03/16/01
Semivolatile Organics (continued)							
Fluoranthene	0.31 J	1.0	0.92	NA	NA	NA	0.64
Fluorene	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
Hexachlorobenzene	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
Hexachlorobutadiene	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
Hexachlorocyclopentadiene	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
Hexachloroethane	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
Hexachlorophene	ND(0.54) J	ND(0.69) J	ND(0.77) J	NA	NA	NA	ND(0.59) J
Hexachloropropene	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
Indeno(1,2,3-cd)pyrene	0.13 J	0.32 J	0.27 J	NA	NA	NA	0.35 J
Isodrin	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
Isophorone	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
Isosafrole	ND(0.36)	ND(0.69)	ND(0.77)	NA	NA	NA	ND(0.39)
Methapyrilene	ND(1.8) J	ND(0.69)	ND(0.77)	NA	NA	NA	ND(2.0) J
Methyl Methanesulfonate	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
Methyl Parathion	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
Nitrobenzene	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
N-Nitrosodiethylamine	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
N-Nitrosodimethylamine	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
N-Nitroso-di-n-butylamine	ND(0.36)	ND(0.69)	ND(0.77)	NA	NA	NA	ND(0.39)
N-Nitroso-di-n-propylamine	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
N-Nitrosodiphenylamine	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
N-Nitrosomethylethylamine	ND(0.36)	ND(0.69)	ND(0.77)	NA	NA	NA	ND(0.39)
N-Nitrosomorpholine	ND(0.36)	ND(0.34) J	ND(0.38) J	NA	NA	NA	ND(0.39)
N-Nitrosopiperidine	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
N-Nitrosopyrrolidine	ND(0.36)	ND(0.69) J	ND(0.77) J	NA	NA	NA	ND(0.39)
o,o,o-Triethylphosphorothioate	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
o-Toluidine	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
p-Dimethylaminoazobenzene	ND(0.36)	ND(0.69) J	ND(0.77) J	NA	NA	NA	ND(0.39)
Pentachlorobenzene	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
Pentachloroethane	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
Pentachloronitrobenzene	ND(0.36)	ND(0.69)	ND(0.77)	NA	NA	NA	ND(0.39)
Pentachlorophenol	ND(1.8)	ND(1.7)	ND(1.9)	NA	NA	NA	ND(2.0)
Phenacetin	ND(0.36)	ND(0.69)	ND(0.77)	NA	NA	NA	ND(0.39)
Phenanthrene	0.13 J	0.33 J	0.84	NA	NA	NA	0.31 J
Phenol	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
Phorate	NA	NA	NA	NA	NA	NA	NA
Pronamide	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
Pyrene	0.38 J	1.9	1.0	NA	NA	NA	0.71
Pyridine	ND(1.8)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(2.0)
Safrole	ND(0.36)	ND(0.34)	ND(0.38)	NA	NA	NA	ND(0.39)
Sulfotep	NA	NA	NA	NA	NA	NA	NA
Thionazin	ND(0.36)	ND(0.34) J	ND(0.38) J	NA	NA	NA	ND(0.39)
Organochlorine Pesticides							
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	J9-23-18 / J9-23-18-J-11 / 0-1 / 03/16/01	J9-23-18 / J9-23-18-RV-1 / 1-3 / 08/19/02	J9-23-18 / J9-23-18-RV-1 / 3-6 / 08/19/02	J9-23-18 / J9-23-18-RV-1 / 4-6 / 08/19/02	J9-23-18 / J9-23-18-RV-2 / 3-6 / 08/16/02	J9-23-18 / J9-23-18-RV-2 / 6-15 / 08/16/02	J9-23-18 / J9-23-18-RV-8 / 0-1 / 03/16/01
Herbicides							
2,4,5-T	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	0.0000086	0.000034 YQ	0.0017 Y	NA	NA	NA	0.000054
TCDFs (total)	0.000051	0.00051	0.012	NA	NA	NA	0.00099
1,2,3,7,8-PeCDF	0.0000023 J	0.000019	0.0013	NA	NA	NA	0.000031
2,3,4,7,8-PeCDF	0.0000032	0.00012	0.0015	NA	NA	NA	0.000051
PeCDFs (total)	0.000094	0.0021	0.012 QI	NA	NA	NA	0.0040
1,2,3,4,7,8-HxCDF	0.0000056	0.000064	0.0027	NA	NA	NA	0.00014
1,2,3,6,7,8-HxCDF	0.0000035	0.000083	0.0015	NA	NA	NA	0.00014
1,2,3,7,8,9-HxCDF	0.00000078 J	0.000019	0.00036	NA	NA	NA	0.000034
2,3,4,6,7,8-HxCDF	0.0000027	0.00031	0.00069	NA	NA	NA	0.00026
HxCDFs (total)	0.00043	0.0043	0.011	NA	NA	NA	0.0047
1,2,3,4,6,7,8-HpCDF	0.000013	0.00039	0.0025	NA	NA	NA	0.00052 D
1,2,3,4,7,8,9-HpCDF	0.0000014 J	0.000030	0.00053	NA	NA	NA	0.000033 J
HpCDFs (total)	0.000037	0.00095	0.0037	NA	NA	NA	0.0020
OCDF	0.000026	0.00014	0.0025	NA	NA	NA	0.00021
Dioxins							
2,3,7,8-TCDD	ND(0.00000013)	0.00000064 J	0.000012	NA	NA	NA	0.0000011 J
TCDDs (total)	0.00000040	0.0000083 QI	0.00024 Q	NA	NA	NA	0.0000073
1,2,3,7,8-PeCDD	0.00000048 J	ND(0.0000033) X	0.000029	NA	NA	NA	0.0000042
PeCDDs (total)	0.00000083	0.000022 QI	0.00041 Q	NA	NA	NA	0.000018
1,2,3,4,7,8-HxCDD	0.00000035 J	0.0000040	0.000030	NA	NA	NA	0.0000039 J
1,2,3,6,7,8-HxCDD	ND(0.0000011) JX	0.0000046	0.000056	NA	NA	NA	0.0000054 J
1,2,3,7,8,9-HxCDD	0.00000074 J	0.0000036	0.000045	NA	NA	NA	0.0000037 J
HxCDDs (total)	0.0000060	0.000057 I	0.00078	NA	NA	NA	0.000054
1,2,3,4,6,7,8-HpCDD	0.000028	0.000048	0.00040	NA	NA	NA	0.000046 J
HpCDDs (total)	0.000062	0.00011	0.00087	NA	NA	NA	0.00014
OCDD	0.00029	0.00042	0.0013	NA	NA	NA	0.00051 J
Total TEQs (WHO TEFs)	0.0000051	0.00012	0.0016	NA	NA	NA	0.000046 J
Inorganics							
Antimony	2.10 J	1.00 B	9.80	NA	NA	NA	NA
Arsenic	5.30	9.30	8.10	NA	NA	NA	NA
Barium	40.8	32.0	210	NA	NA	NA	NA
Beryllium	ND(0.0200)	ND(0.500)	ND(0.500)	NA	NA	NA	NA
Cadmium	0.600	ND(0.500)	2.60	NA	NA	NA	NA
Chromium	8.00	7.30	38.0	NA	NA	NA	NA
Cobalt	8.80	7.30	7.90	NA	NA	NA	NA
Copper	25.4	43.0	5600	NA	NA	NA	NA
Cyanide	ND(1.09)	ND(0.100)	0.160	NA	NA	NA	NA
Lead	87.1 J	40.0	1600	NA	100	4.20	NA
Mercury	0.0400	0.190 J	0.910 J	NA	NA	NA	NA
Nickel	15.4 J	12.0	45.0	NA	NA	NA	NA
Selenium	0.610	ND(1.00)	0.540 B	NA	NA	NA	NA
Silver	ND(0.100)	ND(1.00)	ND(1.00)	NA	NA	NA	NA
Sulfide	ND(21.8)	90.0 J	140 J	NA	NA	NA	ND(23.5)
Thallium	ND(0.150)	ND(1.50)	ND(1.70)	NA	NA	NA	NA
Tin	20.3 B	ND(10)	140	NA	NA	NA	NA
Vanadium	14.0	6.30	9.90	NA	NA	NA	NA
Zinc	62.0	56.0	1200	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	J9-23-18	J9-23-19	J9-23-19	J9-23-19	J9-23-19	J9-23-19
	Sample ID:	J9-23-18-RV-9	J9-23-19-D-13	J9-23-19-D-13	J9-23-19-F-12	J9-23-19-F-12	J9-23-19-F-13
	Sample Depth(Feet):	10-12	0-1	1-3	1-3	1-3	0-1
	Date Collected:	08/19/02	03/14/01	03/14/01	03/15/01	08/19/02	03/13/01
Volatile Organics							
1,1,1,2-Tetrachloroethane		NA	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
1,1,1-Trichloroethane		NA	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
1,1,2,2-Tetrachloroethane		NA	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
1,1,2-Trichloroethane		ND(0.0075)	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
1,1-Dichloroethane		NA	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
1,1-Dichloroethene		ND(0.0075)	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
1,2,3-Trichloropropane		ND(0.0075)	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	ND(0.0053)	ND(0.0065)
1,2-Dibromo-3-chloropropane		NA	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
1,2-Dibromoethane		NA	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
1,2-Dichloroethane		ND(0.0075)	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
1,2-Dichloropropane		ND(0.0075)	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
1,4-Dioxane		ND(0.15)	ND(1.3) J	NA	ND(1.1) J [ND(1.1) J]	NA	ND(1.3) J
2-Butanone		NA	ND(0.013)	NA	ND(0.011) [ND(0.011)]	NA	ND(0.013)
2-Chloro-1,3-butadiene		NA	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
2-Chloroethylvinylether		NA	ND(0.013)	NA	ND(0.011) [ND(0.011)]	NA	ND(0.013)
2-Hexanone		NA	ND(0.013)	NA	ND(0.011) [ND(0.011)]	NA	ND(0.013)
3-Chloropropene		NA	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
4-Methyl-2-pentanone		NA	ND(0.013)	NA	ND(0.011) [ND(0.011)]	NA	ND(0.013)
Acetone		NA	0.031	NA	ND(0.024) [ND(0.023)]	NA	ND(0.026)
Acetonitrile		NA	ND(0.13) J	NA	ND(0.11) J [ND(0.11) J]	NA	ND(0.13) J
Acrolein		NA	ND(0.13) J	NA	ND(0.11) J [ND(0.11) J]	NA	ND(0.13)
Acrylonitrile		NA	ND(0.13)	NA	ND(0.11) [ND(0.11)]	NA	ND(0.13)
Benzene		ND(0.0075)	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
Bromodichloromethane		ND(0.0075)	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
Bromoform		NA	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
Bromomethane		NA	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
Carbon Disulfide		NA	ND(0.013)	NA	ND(0.011) [ND(0.011)]	NA	ND(0.013)
Carbon Tetrachloride		ND(0.0075)	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
Chlorobenzene		NA	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
Chloroethane		NA	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
Chloroform		ND(0.0075)	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
Chloromethane		ND(0.0075)	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
cis-1,3-Dichloropropene		ND(0.0075)	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
Dibromochloromethane		NA	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
Dibromomethane		NA	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
Dichlorodifluoromethane		NA	ND(0.0065) J	NA	ND(0.0056) J [ND(0.0057) J]	NA	ND(0.0065)
Ethyl Methacrylate		NA	ND(0.013)	NA	ND(0.011) [ND(0.011)]	NA	ND(0.013)
Ethylbenzene		NA	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
Iodomethane		NA	ND(0.013)	NA	ND(0.011) [ND(0.011)]	NA	ND(0.013)
Isobutanol		NA	ND(0.26) J	NA	ND(0.23) J [ND(0.23) J]	NA	ND(0.26) J
m&p-Xylene		NA	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
Methacrylonitrile		NA	ND(0.13)	NA	ND(0.11) [ND(0.11)]	NA	ND(0.13)
Methyl Methacrylate		NA	ND(0.013)	NA	ND(0.011) [ND(0.011)]	NA	ND(0.013)
Methylene Chloride		NA	ND(0.0065)	NA	0.0011 J [0.0012 J]	NA	ND(0.0065)
o-Xylene		NA	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
Propionitrile		NA	ND(0.13) J	NA	ND(0.11) J [ND(0.11) J]	NA	ND(0.13)
Styrene		NA	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
Tetrachloroethene		NA	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
Toluene		NA	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
trans-1,2-Dichloroethene		NA	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
trans-1,3-Dichloropropene		ND(0.0075)	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
trans-1,4-Dichloro-2-butene		NA	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
Trichloroethene		NA	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
Trichlorofluoromethane		NA	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
Vinyl Acetate		NA	ND(0.013)	NA	ND(0.011) [ND(0.011)]	NA	ND(0.013)
Vinyl Chloride		ND(0.0075)	ND(0.0065)	NA	ND(0.0056) [ND(0.0057)]	NA	ND(0.0065)
Xylenes (total)		NA	NA	NA	NA	NA	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene		NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
1,2,4-Trichlorobenzene		NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
1,2-Dichlorobenzene		NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
1,2-Diphenylhydrazine		NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	ND(0.36)	ND(4.3)
1,3,5-Trinitrobenzene		NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
1,3-Dichlorobenzene		NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
1,3-Dinitrobenzene		NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
1,4-Dichlorobenzene		NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	ND(0.36)	ND(4.3)
1,4-Naphthoquinone		NA	ND(2.2)	NA	ND(19) [ND(19)]	NA	ND(22)
1-Naphthylamine		NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	J9-23-18 J9-23-18-RV-9 10-12 08/19/02	J9-23-19 J9-23-19-D-13 0-1 03/14/01	J9-23-19 J9-23-19-D-13 1-3 03/14/01	J9-23-19 J9-23-19-F-12 1-3 03/15/01	J9-23-19 J9-23-19-F-12 1-3 08/19/02	J9-23-19 J9-23-19-F-13 0-1 03/13/01
Semivolatile Organics (continued)						
2,3,4,6-Tetrachlorophenol	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
2,4,5-Trichlorophenol	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
2,4,6-Trichlorophenol	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
2,4-Dichlorophenol	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
2,4-Dimethylphenol	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
2,4-Dinitrophenol	NA	ND(2.2) J	NA	ND(19) J [ND(19) J]	NA	ND(22)
2,4-Dinitrotoluene	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
2,6-Dichlorophenol	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
2,6-Dinitrotoluene	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
2-Acetylaminofluorene	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
2-Chloronaphthalene	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
2-Chlorophenol	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
2-Methylnaphthalene	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
2-Methylphenol	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
2-Naphthylamine	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
2-Nitroaniline	NA	ND(2.2)	NA	ND(19) [ND(19)]	ND(1.8)	ND(22)
2-Nitrophenol	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
2-Picoline	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
3&4-Methylphenol	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
3,3'-Dichlorobenzidine	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	ND(0.72)	ND(4.3)
3,3'-Dimethylbenzidine	ND(0.50)	ND(0.43)	NA	ND(3.7) [ND(3.7)]	ND(0.36) J	ND(4.3)
3-Methylcholanthrene	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
3-Nitroaniline	NA	ND(2.2)	NA	ND(19) [ND(19)]	ND(1.8) J	ND(22)
4,6-Dinitro-2-methylphenol	NA	ND(2.2)	NA	ND(19) J [ND(19) J]	NA	ND(22)
4-Aminobiphenyl	NA	ND(2.2)	NA	ND(19) [ND(19)]	NA	ND(22)
4-Bromophenyl-phenylether	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
4-Chloro-3-Methylphenol	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
4-Chloroaniline	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(22) J
4-Chlorobenzilate	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	ND(0.72)	ND(4.3)
4-Chlorophenyl-phenylether	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
4-Nitroaniline	NA	ND(2.2)	NA	ND(19) [ND(19)]	ND(1.8) J	ND(22)
4-Nitrophenol	NA	ND(2.2)	NA	ND(19) [ND(19)]	NA	ND(22)
4-Nitroquinoline-1-oxide	NA	ND(2.2)	NA	ND(19) [ND(19)]	NA	ND(22)
4-Phenylenediamine	NA	ND(2.2) J	NA	ND(19) J [ND(19) J]	NA	ND(4.3) J
5-Nitro-o-toluidine	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
7,12-Dimethylbenz(a)anthracene	ND(1.0)	ND(0.43)	NA	ND(3.7) [ND(3.7)]	ND(0.72)	ND(4.3)
a,a'-Dimethylphenethylamine	NA	ND(2.2)	NA	ND(19) [ND(19)]	NA	ND(22)
Acenaphthene	NA	ND(0.43)	NA	1.6 J [1.6 J]	NA	1.5 J
Acenaphthylene	NA	0.073 J	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
Acetophenone	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	ND(0.36)	ND(4.3)
Aniline	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3) J
Anthracene	NA	0.081 J	NA	3.9 [3.4 J]	NA	3.5 J
Aramite	NA	ND(2.2)	NA	ND(19) [ND(19)]	ND(0.72)	ND(22)
Benzidine	ND(1.0)	ND(4.3) J	NA	ND(37) J [ND(37) J]	ND(0.72)	ND(43)
Benzo(a)anthracene	NA	0.24 J	NA	8.1 [7.1]	NA	7.3
Benzo(a)pyrene	NA	0.27 J	NA	6.7 [6.1]	NA	6.2
Benzo(b)fluoranthene	NA	0.23 J	NA	5.9 [5.4]	NA	5.6
Benzo(g,h,i)perylene	NA	0.25 J	NA	3.8 [3.5 J]	NA	3.2 J
Benzo(k)fluoranthene	NA	0.19 J	NA	5.5 [5.0]	NA	5.0
Benzyl Alcohol	NA	ND(2.2)	NA	ND(19) [ND(19)]	NA	ND(22)
bis(2-Chloroethoxy)methane	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
bis(2-Chloroethyl)ether	ND(0.50)	ND(0.43)	NA	ND(3.7) [ND(3.7)]	ND(0.36)	ND(4.3)
bis(2-Chloroisopropyl)ether	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	ND(0.36)	ND(4.3)
bis(2-Ethylhexyl)phthalate	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
Butylbenzylphthalate	NA	0.15 J	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
Chrysene	NA	0.27 J	NA	7.9 [7.0]	NA	7.3
Diallate	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	ND(0.72)	ND(4.3)
Dibenzo(a,h)anthracene	NA	0.078 J	NA	1.7 J [1.4 J]	NA	1.4 J
Dibenzofuran	NA	ND(0.43)	NA	0.95 J [0.95 J]	NA	0.86 J
Diethylphthalate	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
Dimethoate	NA	NA	ND(2.0)	NA	NA	NA
Dimethylphthalate	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
Di-n-Butylphthalate	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
Di-n-Octylphthalate	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
Diphenylamine	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
Disulfoton	NA	NA	ND(0.40)	NA	NA	NA
Ethyl Methanesulfonate	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
Ethyl Parathion	NA	NA	ND(0.40)	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-18	J9-23-19	J9-23-19	J9-23-19	J9-23-19	J9-23-19
Sample ID:	J9-23-18-RV-9	J9-23-19-D-13	J9-23-19-D-13	J9-23-19-F-12	J9-23-19-F-12	J9-23-19-F-13
Sample Depth(Feet):	10-12	0-1	1-3	1-3	1-3	0-1
Parameter Date Collected:	08/19/02	03/14/01	03/14/01	03/15/01	08/19/02	03/13/01
Semivolatile Organics (continued)						
Fluoranthene	NA	0.47	NA	19 [17]	NA	17
Fluorene	NA	ND(0.43)	NA	1.8 J [1.8 J]	NA	1.6 J
Hexachlorobenzene	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	ND(0.36)	ND(4.3)
Hexachlorobutadiene	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	ND(0.36)	ND(4.3)
Hexachlorocyclopentadiene	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
Hexachloroethane	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
Hexachlorophene	NA	ND(0.050) J	NA	ND(0.050) J [ND(0.050) J]	NA	ND(6.5) J
Hexachloropropene	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
Indeno(1,2,3-cd)pyrene	NA	0.20 J	NA	3.7 J [3.4 J]	NA	3.2 J
Isodrin	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
Isophorone	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
Isosafrole	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
Methapyrilene	NA	ND(2.2)	NA	ND(19) J [ND(19) J]	ND(0.72)	ND(22)
Methyl Methanesulfonate	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
Methyl Parathion	NA	NA	ND(0.40)	NA	NA	NA
Naphthalene	NA	ND(0.43)	NA	0.72 J [0.79 J]	NA	ND(4.3)
Nitrobenzene	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
N-Nitrosodiethylamine	ND(0.50)	ND(0.43)	NA	ND(3.7) [ND(3.7)]	ND(0.36)	ND(4.3)
N-Nitrosodimethylamine	ND(0.50)	ND(0.43)	NA	ND(3.7) [ND(3.7)]	ND(0.36)	ND(4.3)
N-Nitroso-di-n-butylamine	ND(1.0)	ND(0.43)	NA	ND(3.7) [ND(3.7)]	ND(0.72)	ND(4.3)
N-Nitroso-di-n-propylamine	ND(0.50)	ND(0.43)	NA	ND(3.7) [ND(3.7)]	ND(0.36)	ND(4.3)
N-Nitrosodiphenylamine	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
N-Nitrosomethylethylamine	ND(1.0)	ND(0.43)	NA	ND(3.7) [ND(3.7)]	ND(0.72)	ND(4.3)
N-Nitrosomorpholine	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
N-Nitrosopiperidine	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
N-Nitrosopyrrolidine	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	ND(0.72)	ND(4.3)
o,o,o-Triethylphosphorothioate	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
o-Toluidine	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	ND(0.36)	ND(4.3)
p-Dimethylaminoazobenzene	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
Pentachlorobenzene	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
Pentachloroethane	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
Pentachloronitrobenzene	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	ND(0.72) J	ND(4.3)
Pentachlorophenol	NA	ND(2.2)	NA	ND(19) [ND(19)]	ND(1.8)	ND(22)
Phenacetin	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
Phenanthrene	NA	0.26 J	NA	14 [13]	NA	13
Phenol	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
Phorate	NA	NA	ND(0.40)	NA	NA	NA
Pronamide	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
Pyrene	NA	0.45	NA	13 [12]	NA	12
Pyridine	NA	ND(2.2)	NA	ND(19) [ND(19)]	NA	ND(22)
Safrole	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
Sulfotep	NA	NA	ND(0.40)	NA	NA	NA
Thionazin	NA	ND(0.43)	NA	ND(3.7) [ND(3.7)]	NA	ND(4.3)
Organochlorine Pesticides						
4,4'-DDD	NA	NA	ND(0.41)	NA	NA	NA
4,4'-DDE	NA	NA	ND(0.41)	NA	NA	NA
4,4'-DDT	NA	NA	ND(0.79)	NA	NA	NA
Aldrin	NA	NA	ND(0.41)	NA	NA	NA
Alpha-BHC	NA	NA	ND(0.41)	NA	NA	NA
Alpha-Chlordane	NA	NA	ND(0.41)	NA	NA	NA
Beta-BHC	NA	NA	ND(0.41)	NA	NA	NA
Delta-BHC	NA	NA	ND(0.41)	NA	NA	NA
Dieldrin	NA	NA	ND(0.41)	NA	NA	NA
Endosulfan I	NA	NA	ND(0.41)	NA	NA	NA
Endosulfan II	NA	NA	ND(0.79)	NA	NA	NA
Endosulfan Sulfate	NA	NA	ND(0.79)	NA	NA	NA
Endrin	NA	NA	ND(0.41)	NA	NA	NA
Endrin Aldehyde	NA	NA	ND(0.79)	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	ND(0.41)	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	ND(0.41)	NA	NA	NA
Gamma-Chlordane	NA	NA	ND(0.41)	NA	NA	NA
Heptachlor	NA	NA	ND(0.41)	NA	NA	NA
Heptachlor Epoxide	NA	NA	ND(0.41)	NA	NA	NA
Kepone	NA	NA	ND(0.41)	NA	NA	NA
Methoxychlor	NA	NA	ND(1.6)	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	ND(7.9)	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	J9-23-18 / J9-23-18-RV-9 / 10-12 / 08/19/02	J9-23-19 / J9-23-19-D-13 / 0-1 / 03/14/01	J9-23-19 / J9-23-19-D-13 / 1-3 / 03/14/01	J9-23-19 / J9-23-19-F-12 / 1-3 / 03/15/01	J9-23-19 / J9-23-19-F-12 / 1-3 / 08/19/02	J9-23-19 / J9-23-19-F-13 / 0-1 / 03/13/01
Herbicides						
2,4,5-T	NA	NA	ND(1.2)	NA	NA	NA
2,4,5-TP	NA	NA	ND(1.2)	NA	NA	NA
2,4-D	NA	NA	ND(1.2)	NA	NA	NA
Dinoseb	NA	NA	ND(0.048)	NA	NA	NA
Furans						
2,3,7,8-TCDF	NA	0.000026	NA	0.000068 D [0.000043]	NA	0.000023
TCDFs (total)	NA	0.000093	NA	0.00037 D [0.00028]	NA	0.00016
1,2,3,7,8-PeCDF	NA	0.000011 J	NA	0.000021 [0.000014]	NA	0.0000082
2,3,4,7,8-PeCDF	NA	0.000013	NA	0.000029 D [0.000021]	NA	0.000011
PeCDFs (total)	NA	0.00012	NA	0.00058 [0.00033]	NA	0.00022
1,2,3,4,7,8-HxCDF	NA	0.000034	NA	0.000091 [0.000077 J]	NA	0.000022
1,2,3,6,7,8-HxCDF	NA	0.000017	NA	0.00011 J [0.000036 J]	NA	0.000013
1,2,3,7,8,9-HxCDF	NA	0.0000017 J	NA	0.000011 DJ [0.0000078 J]	NA	0.0000041 J
2,3,4,6,7,8-HxCDF	NA	0.0000077 J	NA	0.000022 [0.000009 J]	NA	ND(0.0000023)
HxCDFs (total)	NA	0.00016	NA	0.00063 [0.00041]	NA	0.00019
1,2,3,4,6,7,8-HpCDF	NA	0.000042	NA	0.00010 [0.000091]	NA	0.000038
1,2,3,4,7,8,9-HpCDF	NA	0.0000079 J	NA	0.000036 [0.000034]	NA	ND(0.0000010)
HpCDFs (total)	NA	0.000098	NA	0.00023 [0.00023 J]	NA	0.000095
OCDF	NA	0.000078	NA	0.00011 D [0.00017]	NA	0.000099
Dioxins						
2,3,7,8-TCDD	NA	ND(0.0000016)	NA	ND(0.0000013) [ND(0.0000006]	NA	ND(0.0000016)
TCDDs (total)	NA	ND(0.0000016)	NA	0.0000041 D [0.0000048]	NA	ND(0.0000016)
1,2,3,7,8-PeCDD	NA	ND(0.0000014)	NA	0.0000045 J [0.0000028]	NA	ND(0.0000012)
PeCDDs (total)	NA	ND(0.0000014)	NA	0.0000045 DJ [0.000019 J]	NA	0.0000046
1,2,3,4,7,8-HxCDD	NA	ND(0.00000089)	NA	0.0000021 DJ [0.0000031 J]	NA	ND(0.00000091)
1,2,3,6,7,8-HxCDD	NA	0.0000034 J	NA	0.0000067 DJ [0.0000060 J]	NA	0.0000054
1,2,3,7,8,9-HxCDD	NA	ND(0.00000093)	NA	0.0000020 DJ [0.0000026]	NA	ND(0.00000095)
HxCDDs (total)	NA	0.000012	NA	0.000058 J [0.000031 J]	NA	0.000038
1,2,3,4,6,7,8-HpCDD	NA	0.000051	NA	0.000031 DJ [0.000033]	NA	0.000083
HpCDDs (total)	NA	0.000097	NA	0.000065 [0.000070]	NA	0.00015
OCDD	NA	0.0011	NA	0.00013 D [0.00012]	NA	0.0020 E
Total TEQs (WHO TEFs)	NA	0.000051	NA	0.000031 DJ [0.000033]	NA	0.000016
Inorganics						
Antimony	NA	1.70 J	NA	1.60 J [1.70 J]	NA	ND(1.20) J
Arsenic	NA	3.90 J	NA	5.50 J [5.30 J]	NA	6.40
Barium	NA	27.5	NA	35.3 [42.4]	NA	40.9
Beryllium	NA	ND(0.0200)	NA	ND(0.0200) [ND(0.0200)]	NA	ND(0.0300)
Cadmium	NA	0.440 J	NA	0.290 J [0.320 J]	NA	0.130 B
Chromium	NA	8.70 J	NA	9.10 J [9.60 J]	NA	7.60 *
Cobalt	NA	8.30	NA	9.00 [12.6]	NA	11.5
Copper	NA	20.9	NA	38.5 [49.3]	NA	25.8
Cyanide	NA	ND(1.30)	NA	ND(1.13) [ND(1.13)]	NA	ND(1.30)
Lead	NA	27.1	NA	52.4 [63.1]	NA	53.1
Mercury	NA	0.0300 B	NA	0.370 [0.350]	NA	0.100
Nickel	NA	16.1	NA	16.3 [18.8]	NA	18.2
Selenium	NA	0.300 B	NA	0.470 B [0.490 B]	NA	0.450 J
Silver	NA	ND(0.120)	NA	ND(0.100) [ND(0.100)]	NA	ND(0.120)
Sulfide	NA	ND(25.9)	NA	ND(22.6) [ND(22.7)]	NA	ND(26.0)
Thallium	NA	ND(0.180)	NA	ND(0.160) [ND(0.160)]	NA	ND(0.180)
Tin	NA	ND(11.8)	NA	ND(11.4) [ND(8.50)]	NA	ND(5.80)
Vanadium	NA	14.3 E	NA	8.30 E [8.10 E]	NA	14.6
Zinc	NA	85.8	NA	78.5 [92.1]	NA	88.2 J

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-19	J9-23-19	J9-23-19	J9-23-19	J9-23-19	J9-23-19	J9-23-19
Sample ID:	J9-23-19-H-12	J9-23-19-H-12	J9-23-19-H-12	J9-23-19-H-12	J9-23-19-H-13	J9-23-19-H-13	J9-23-19-I-13
Sample Depth(Feet):	1-3	1-3	3-6	4-6	0-1	0-1	0-1
Parameter Date Collected:	03/15/01	08/19/02	03/15/01	03/15/01	03/13/01	08/19/02	03/09/01
Volatile Organics							
1,1,1,2-Tetrachloroethane	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
1,1,1-Trichloroethane	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
1,1,2,2-Tetrachloroethane	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
1,1,2-Trichloroethane	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
1,1-Dichloroethane	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
1,1-Dichloroethene	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
1,2,3-Trichloropropane	ND(0.0058)	ND(0.0055)	NA	ND(0.0055)	ND(0.0056)	ND(0.0051)	ND(0.0056)
1,2-Dibromo-3-chloropropane	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
1,2-Dibromoethane	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
1,2-Dichloroethane	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
1,2-Dichloropropane	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
1,4-Dioxane	ND(1.2) J	NA	NA	ND(1.1) J	ND(1.1) J	NA	ND(1.1) J
2-Butanone	ND(0.012)	NA	NA	ND(0.011)	ND(0.011)	NA	ND(0.011)
2-Chloro-1,3-butadiene	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
2-Chloroethylvinylether	ND(0.012)	NA	NA	ND(0.011)	ND(0.011)	NA	ND(0.011)
2-Hexanone	ND(0.012)	NA	NA	ND(0.011)	ND(0.011)	NA	ND(0.011)
3-Chloropropene	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
4-Methyl-2-pentanone	ND(0.012)	NA	NA	ND(0.011)	ND(0.011)	NA	ND(0.011)
Acetone	ND(0.022)	NA	NA	ND(0.026)	ND(0.023)	NA	0.0045 J
Acetonitrile	ND(0.12) J	NA	NA	ND(0.11) J	ND(0.11) J	NA	ND(0.11) J
Acrolein	ND(0.12) J	NA	NA	ND(0.11) J	ND(0.11)	NA	ND(0.11)
Acrylonitrile	ND(0.12)	NA	NA	ND(0.11)	ND(0.11)	NA	ND(0.11)
Benzene	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
Bromodichloromethane	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
Bromoform	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
Bromomethane	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
Carbon Disulfide	ND(0.012)	NA	NA	ND(0.011)	ND(0.011)	NA	ND(0.011)
Carbon Tetrachloride	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
Chlorobenzene	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
Chloroethane	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
Chloroform	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
Chloromethane	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
cis-1,3-Dichloropropene	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
Dibromochloromethane	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
Dibromomethane	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
Dichlorodifluoromethane	ND(0.0058) J	NA	NA	ND(0.0055) J	ND(0.0056)	NA	ND(0.0056)
Ethyl Methacrylate	ND(0.012)	NA	NA	ND(0.011)	ND(0.011)	NA	ND(0.011)
Ethylbenzene	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
Iodomethane	ND(0.012)	NA	NA	ND(0.011)	ND(0.011)	NA	ND(0.011)
Isobutanol	ND(0.23) J	NA	NA	ND(0.22) J	ND(0.23) J	NA	ND(0.23) J
m&p-Xylene	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
Methacrylonitrile	ND(0.12)	NA	NA	ND(0.11)	ND(0.11)	NA	ND(0.11)
Methyl Methacrylate	ND(0.012)	NA	NA	ND(0.011)	ND(0.011)	NA	ND(0.011)
Methylene Chloride	0.0016 J	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
o-Xylene	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
Propionitrile	ND(0.12) J	NA	NA	ND(0.11) J	ND(0.11)	NA	ND(0.11)
Styrene	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
Tetrachloroethene	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
Toluene	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
trans-1,2-Dichloroethene	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
trans-1,3-Dichloropropene	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
trans-1,4-Dichloro-2-butene	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
Trichloroethene	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
Trichlorofluoromethane	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
Vinyl Acetate	ND(0.012)	NA	NA	ND(0.011)	ND(0.011)	NA	ND(0.011)
Vinyl Chloride	ND(0.0058)	NA	NA	ND(0.0055)	ND(0.0056)	NA	ND(0.0056)
Xylenes (total)	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
1,2,4-Trichlorobenzene	ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
1,2-Dichlorobenzene	ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
1,2-Diphenylhydrazine	ND(7.7)	ND(0.37)	ND(0.37)	NA	ND(110)	ND(0.34)	ND(26)
1,3,5-Trinitrobenzene	ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
1,3-Dichlorobenzene	ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
1,3-Dinitrobenzene	ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
1,4-Dichlorobenzene	ND(7.7)	ND(0.37)	ND(0.37)	NA	ND(110)	ND(0.34)	ND(26)
1,4-Naphthoquinone	ND(39)	NA	ND(1.9)	NA	ND(570)	NA	ND(130)
1-Naphthylamine	ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	J9-23-19	J9-23-19	J9-23-19	J9-23-19	J9-23-19	J9-23-19	J9-23-19
	Sample ID:	J9-23-19-H-12	J9-23-19-H-12	J9-23-19-H-12	J9-23-19-H-12	J9-23-19-H-13	J9-23-19-H-13	J9-23-19-I-13
	Sample Depth(Feet):	1-3	1-3	3-6	4-6	0-1	0-1	0-1
	Date Collected:	03/15/01	08/19/02	03/15/01	03/15/01	03/13/01	08/19/02	03/09/01
Semivolatile Organics (continued)								
2,3,4,6-Tetrachlorophenol		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
2,4,5-Trichlorophenol		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
2,4,6-Trichlorophenol		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
2,4-Dichlorophenol		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
2,4-Dimethylphenol		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
2,4-Dinitrophenol		ND(39) J	NA	ND(1.9) J	NA	ND(570)	NA	ND(130)
2,4-Dinitrotoluene		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
2,6-Dichlorophenol		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
2,6-Dinitrotoluene		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
2-Acetylaminofluorene		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
2-Chloronaphthalene		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
2-Chlorophenol		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
2-Methylnaphthalene		1.6 J	NA	ND(0.37)	NA	14 J	NA	ND(26)
2-Methylphenol		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
2-Naphthylamine		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
2-Nitroaniline		ND(39)	ND(1.9)	ND(1.9)	NA	ND(570)	ND(1.7)	ND(130)
2-Nitrophenol		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
2-Picoline		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
3&4-Methylphenol		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
3,3'-Dichlorobenzidine		ND(7.7)	ND(0.74)	ND(0.37)	NA	ND(110)	ND(0.69)	ND(26)
3,3'-Dimethylbenzidine		ND(7.7)	ND(0.37) J	ND(0.37)	NA	ND(110)	ND(0.34)	ND(26)
3-Methylcholanthrene		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
3-Nitroaniline		ND(39)	ND(1.9) J	ND(1.9)	NA	ND(570)	ND(1.7)	ND(130)
4,6-Dinitro-2-methylphenol		ND(39) J	NA	ND(1.9) J	NA	ND(570)	NA	ND(130)
4-Aminobiphenyl		ND(39)	NA	ND(1.9)	NA	ND(570)	NA	ND(130)
4-Bromophenyl-phenylether		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
4-Chloro-3-Methylphenol		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
4-Chloroaniline		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(130) J
4-Chlorobenzilate		ND(7.7)	ND(0.74)	ND(0.37)	NA	ND(110)	ND(0.69)	ND(26)
4-Chlorophenyl-phenylether		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
4-Nitroaniline		ND(39)	ND(1.9) J	ND(1.9)	NA	ND(570)	ND(1.7)	ND(130)
4-Nitrophenol		ND(39)	NA	ND(1.9)	NA	ND(570)	NA	ND(130)
4-Nitroquinoline-1-oxide		ND(39)	NA	ND(1.9)	NA	ND(570)	NA	ND(130)
4-Phenylenediamine		ND(39) J	NA	ND(1.9) J	NA	ND(570) J	NA	ND(26) J
5-Nitro-o-toluidine		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
7,12-Dimethylbenz(a)anthracene		ND(7.7)	ND(0.74)	ND(0.37)	NA	ND(110)	ND(0.69)	ND(26)
a,a'-Dimethylphenethylamine		ND(39)	NA	ND(1.9)	NA	ND(570)	NA	ND(130)
Acenaphthene		8.0	NA	ND(0.37)	NA	79 J	NA	8.5 J
Acenaphthylene		ND(7.7)	NA	0.077 J	NA	ND(110)	NA	ND(26)
Acetophenone		ND(7.7)	ND(0.37)	ND(0.37)	NA	ND(110)	ND(0.34)	ND(26)
Aniline		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26) J
Anthracene		19	NA	0.12 J	NA	180	NA	24 J
Aramite		ND(39)	ND(0.74)	ND(1.9)	NA	ND(570)	ND(0.69)	ND(130)
Benzidine		ND(77) J	ND(0.74)	ND(3.7) J	NA	ND(1100)	ND(0.69)	ND(260)
Benzo(a)anthracene		31	NA	0.32 J	NA	330	NA	86
Benzo(a)pyrene		24	NA	0.30 J	NA	250	NA	71
Benzo(b)fluoranthene		21	NA	0.24 J	NA	210	NA	67
Benzo(g,h,i)perylene		12	NA	0.21 J	NA	140	NA	48
Benzo(k)fluoranthene		21	NA	0.26 J	NA	210	NA	60
Benzyl Alcohol		ND(39)	NA	ND(1.9)	NA	ND(570)	NA	ND(130)
bis(2-Chloroethoxy)methane		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
bis(2-Chloroethyl)ether		ND(7.7)	ND(0.37)	ND(0.37)	NA	ND(110)	ND(0.34)	ND(26)
bis(2-Chloroisopropyl)ether		ND(7.7)	ND(0.37)	ND(0.37)	NA	ND(110)	ND(0.34)	ND(26)
bis(2-Ethylhexyl)phthalate		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
Butylbenzylphthalate		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
Chrysene		29	NA	0.35 J	NA	310	NA	84
Diallate		ND(7.7)	ND(0.74)	ND(0.37)	NA	ND(110)	ND(0.69)	ND(26)
Dibenzo(a,h)anthracene		5.6 J	NA	0.072 J	NA	66 J	NA	19 J
Dibenzofuran		5.1 J	NA	ND(0.37)	NA	47 J	NA	ND(26)
Diethylphthalate		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
Dimethoate		NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
Di-n-Butylphthalate		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
Di-n-Octylphthalate		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
Diphenylamine		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
Disulfoton		NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
Ethyl Parathion		NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	J9-23-19	J9-23-19	J9-23-19	J9-23-19	J9-23-19	J9-23-19	J9-23-19
	Sample ID:	J9-23-19-H-12	J9-23-19-H-12	J9-23-19-H-12	J9-23-19-H-12	J9-23-19-H-13	J9-23-19-H-13	J9-23-19-I-13
	Sample Depth(Feet):	1-3	1-3	3-6	4-6	0-1	0-1	0-1
	Date Collected:	03/15/01	08/19/02	03/15/01	03/15/01	03/13/01	08/19/02	03/09/01
Semivolatile Organics (continued)								
Fluoranthene		71	NA	0.72	NA	730	NA	180
Fluorene		9.0	NA	0.044 J	NA	85 J	NA	8.4 J
Hexachlorobenzene		ND(7.7)	ND(0.37)	ND(0.37)	NA	ND(110)	ND(0.34) J	ND(26)
Hexachlorobutadiene		ND(7.7)	ND(0.37)	ND(0.37)	NA	ND(110)	ND(0.34)	ND(26)
Hexachlorocyclopentadiene		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
Hexachloroethane		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
Hexachlorophene		ND(0.050) J	NA	ND(0.050) J	NA	ND(170) J	NA	ND(40) J
Hexachloropropene		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
Indeno(1,2,3-cd)pyrene		12	NA	0.19 J	NA	140	NA	45
Isodrin		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
Isophorone		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
Isosafrole		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
Methapyrilene		ND(39) J	ND(0.74)	ND(1.9) J	NA	ND(570)	ND(0.69) J	ND(130)
Methyl Methanesulfonate		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
Methyl Parathion		NA	NA	NA	NA	NA	NA	NA
Naphthalene		4.1 J	NA	ND(0.37)	NA	39 J	NA	ND(26)
Nitrobenzene		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
N-Nitrosodiethylamine		ND(7.7)	ND(0.37)	ND(0.37)	NA	ND(110)	ND(0.34)	ND(26)
N-Nitrosodimethylamine		ND(7.7)	ND(0.37)	ND(0.37)	NA	ND(110)	ND(0.34)	ND(26)
N-Nitroso-di-n-butylamine		ND(7.7)	ND(0.74)	ND(0.37)	NA	ND(110)	ND(0.69)	ND(26)
N-Nitroso-di-n-propylamine		ND(7.7)	ND(0.37)	ND(0.37)	NA	ND(110)	ND(0.34)	ND(26)
N-Nitrosodiphenylamine		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
N-Nitrosomethylethylamine		ND(7.7)	ND(0.74)	ND(0.37)	NA	ND(110)	ND(0.69)	ND(26)
N-Nitrosomorpholine		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
N-Nitrosopiperidine		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
N-Nitrosopyrrolidine		ND(7.7)	ND(0.74)	ND(0.37)	NA	ND(110)	ND(0.69) J	ND(26)
o,o,o-Triethylphosphorothioate		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
o-Toluidine		ND(7.7)	ND(0.37)	ND(0.37)	NA	ND(110)	ND(0.34)	ND(26)
p-Dimethylaminoazobenzene		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
Pentachlorobenzene		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
Pentachloroethane		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
Pentachloronitrobenzene		ND(7.7)	ND(0.74) J	ND(0.37)	NA	ND(110)	ND(0.69)	ND(26)
Pentachlorophenol		ND(39)	ND(1.9)	ND(1.9)	NA	ND(570)	ND(1.7)	ND(130)
Phenacetin		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
Phenanthrene		64	NA	0.53	NA	640	NA	100
Phenol		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
Phorate		NA	NA	NA	NA	NA	NA	NA
Pronamide		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
Pyrene		53	NA	0.68	NA	570	NA	150
Pyridine		ND(39)	NA	ND(1.9)	NA	ND(570)	NA	ND(130)
Safrole		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
Sulfotep		NA	NA	NA	NA	NA	NA	NA
Thionazin		ND(7.7)	NA	ND(0.37)	NA	ND(110)	NA	ND(26)
Organochlorine Pesticides								
4,4'-DDD		NA	NA	NA	NA	NA	NA	NA
4,4'-DDE		NA	NA	NA	NA	NA	NA	NA
4,4'-DDT		NA	NA	NA	NA	NA	NA	NA
Aldrin		NA	NA	NA	NA	NA	NA	NA
Alpha-BHC		NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane		NA	NA	NA	NA	NA	NA	NA
Beta-BHC		NA	NA	NA	NA	NA	NA	NA
Delta-BHC		NA	NA	NA	NA	NA	NA	NA
Dieldrin		NA	NA	NA	NA	NA	NA	NA
Endosulfan I		NA	NA	NA	NA	NA	NA	NA
Endosulfan II		NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate		NA	NA	NA	NA	NA	NA	NA
Endrin		NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde		NA	NA	NA	NA	NA	NA	NA
Endrin Ketone		NA	NA	NA	NA	NA	NA	NA
Famphur		NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)		NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane		NA	NA	NA	NA	NA	NA	NA
Heptachlor		NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide		NA	NA	NA	NA	NA	NA	NA
Kepone		NA	NA	NA	NA	NA	NA	NA
Methoxychlor		NA	NA	NA	NA	NA	NA	NA
Technical Chlordane		NA	NA	NA	NA	NA	NA	NA
Toxaphene		NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	Parcel ID:	J9-23-19	J9-23-19	J9-23-19	J9-23-19	J9-23-19	J9-23-19	J9-23-19
	Sample ID:	J9-23-19-H-12	J9-23-19-H-12	J9-23-19-H-12	J9-23-19-H-12	J9-23-19-H-13	J9-23-19-H-13	J9-23-19-I-13
	Sample Depth(Feet):	1-3	1-3	3-6	4-6	0-1	0-1	0-1
	Date Collected:	03/15/01	08/19/02	03/15/01	03/15/01	03/13/01	08/19/02	03/09/01
Herbicides								
2,4,5-T		NA	NA	NA	NA	NA	NA	NA
2,4,5-TP		NA	NA	NA	NA	NA	NA	NA
2,4-D		NA	NA	NA	NA	NA	NA	NA
Dinoseb		NA	NA	NA	NA	NA	NA	NA
Furans								
2,3,7,8-TCDF		0.00099 D	NA	0.00017	NA	ND(0.000050) X	NA	0.000054
TCDFs (total)		0.0032	NA	0.00098	NA	0.00018	NA	0.00034
1,2,3,7,8-PeCDF		0.00019	NA	0.000060	NA	ND(0.000011)	NA	ND(0.000015) X
2,3,4,7,8-PeCDF		0.00034	NA	0.000091	NA	ND(0.000011)	NA	ND(0.0000010)
PeCDFs (total)		0.0035	NA	0.0010	NA	0.000087	NA	0.00057
1,2,3,4,7,8-HxCDF		0.0022 DJ	NA	0.00027	NA	0.0000071 J	NA	ND(0.000016) X
1,2,3,6,7,8-HxCDF		0.00046 J	NA	0.00012	NA	ND(0.0000051) JX	NA	0.000018
1,2,3,7,8,9-HxCDF		0.00017 J	NA	0.000027	NA	ND(0.0000086)	NA	ND(0.000014)
2,3,4,6,7,8-HxCDF		0.00016	NA	0.000042	NA	ND(0.0000078)	NA	0.000017
HxCDFs (total)		0.0047 J	NA	0.0010	NA	0.00011	NA	0.00037
1,2,3,4,6,7,8-HpCDF		0.0016 DJ	NA	0.00026	NA	0.000065	NA	ND(0.000039) X
1,2,3,4,7,8,9-HpCDF		0.00031	NA	0.000052	NA	ND(0.0000033)	NA	ND(0.000012)
HpCDFs (total)		0.0021	NA	0.00044	NA	0.00013	NA	0.000055
OCDF		0.00084	NA	0.00020	NA	0.000045 J	NA	ND(0.000038) X
Dioxins								
2,3,7,8-TCDD		0.000018	NA	0.0000051	NA	ND(0.0000056)	NA	ND(0.0000018)
TCDDs (total)		0.00077	NA	0.00010	NA	ND(0.0000056)	NA	ND(0.0000018)
1,2,3,7,8-PeCDD		ND(0.00013) X	NA	0.000018	NA	ND(0.0000055)	NA	ND(0.0000022)
PeCDDs (total)		0.0013	NA	0.00014	NA	ND(0.0000055)	NA	ND(0.0000022)
1,2,3,4,7,8-HxCDD		0.000033	NA	0.0000044	NA	ND(0.0000075)	NA	ND(0.000010)
1,2,3,6,7,8-HxCDD		0.00022	NA	0.000024	NA	ND(0.0000086)	NA	ND(0.000012)
1,2,3,7,8,9-HxCDD		0.00010	NA	0.000014	NA	ND(0.0000079)	NA	ND(0.000011)
HxCDDs (total)		0.0034	NA	0.00025	NA	0.000053	NA	0.000086
1,2,3,4,6,7,8-HpCDD		0.00036	NA	0.000045	NA	0.000052	NA	0.000060
HpCDDs (total)		0.00087	NA	0.00011	NA	0.000090	NA	0.00011
OCDD		0.00031	NA	0.000056	NA	0.00036 B	NA	0.00055
Total TEQs (WHO TEFs)		0.00078	NA	0.00014	NA	0.000018	NA	0.000017
Inorganics								
Antimony		6.30 J	NA	ND(1.00) J	NA	ND(1.00) J	NA	ND(1.00) J
Arsenic		13.1 J	NA	9.30 J	NA	4.10	NA	5.40
Barium		3880	NA	23.9	NA	26.5	NA	43.1
Beryllium		ND(0.0500)	NA	ND(0.0200)	NA	ND(0.0200)	NA	ND(0.0200)
Cadmium		1.80 J	NA	0.190 J	NA	0.300 B	NA	0.900
Chromium		17.2 J	NA	9.80 J	NA	5.50 *	NA	9.80 *
Cobalt		12.3	NA	9.00	NA	8.40	NA	10.4
Copper		65.6	NA	32.5	NA	13.1	NA	59.8
Cyanide		ND(1.16)	NA	ND(1.11)	NA	ND(1.13)	NA	ND(1.13)
Lead		13900	NA	30.7	NA	25.4	NA	78.9
Mercury		0.120	NA	0.0800	NA	0.0500	NA	0.110
Nickel		23.9	NA	16.8	NA	13.3	NA	18.1
Selenium		0.550 B	NA	0.270 B	NA	ND(0.260) J	NA	0.710 J
Silver		ND(0.110)	NA	ND(0.100)	NA	ND(0.110)	NA	ND(0.100)
Sulfide		ND(23.2)	NA	ND(22.1)	NA	ND(22.5)	NA	58.9
Thallium		ND(0.160)	NA	ND(0.150)	NA	ND(0.150)	NA	ND(0.160)
Tin		ND(15.4)	NA	ND(6.50)	NA	ND(7.00)	NA	ND(6.60)
Vanadium		15.2 E	NA	8.10 E	NA	11.8	NA	17.1
Zinc		4620	NA	59.9	NA	132 J	NA	116 J

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	Parcel ID:	J9-23-19	J9-23-19	J9-23-19	J9-23-19	J9-23-19
	Sample ID:	J9-23-19-I-13	J9-23-19-J-12	J9-23-19-J-12	J9-23-19-K-12	J9-23-19-SZ-27
	Sample Depth(Feet):	1-3	6-8	6-15	0-1	0-1
Parameter	Date Collected:	08/16/02	03/09/01	03/09/01	03/09/01	03/15/01
Volatile Organics						
1,1,1,2-Tetrachloroethane		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
1,1,1-Trichloroethane		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
1,1,2,2-Tetrachloroethane		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
1,1,2-Trichloroethane		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
1,1-Dichloroethane		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
1,1-Dichloroethene		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
1,2,3-Trichloropropane		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
1,2-Dibromo-3-chloropropane		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
1,2-Dibromoethane		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
1,2-Dichloroethane		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
1,2-Dichloropropane		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
1,4-Dioxane		NA	ND(1.3) J [ND(1.3) J]	NA	ND(1.1) J	ND(1.3) J
2-Butanone		NA	0.014 [0.014]	NA	ND(0.011)	ND(0.013)
2-Chloro-1,3-butadiene		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
2-Chloroethylvinylether		NA	ND(0.013) [ND(0.013)]	NA	ND(0.011)	ND(0.013)
2-Hexanone		NA	ND(0.013) [ND(0.013)]	NA	ND(0.011)	ND(0.013)
3-Chloropropene		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
4-Methyl-2-pentanone		NA	ND(0.013) [ND(0.013)]	NA	ND(0.011)	ND(0.013)
Acetone		NA	0.072 [0.093]	NA	0.0059 J	ND(0.035)
Acetonitrile		NA	ND(0.13) J [ND(0.13) J]	NA	ND(0.11) J	ND(0.13) J
Acrolein		NA	ND(0.13) [ND(0.13)]	NA	ND(0.11)	ND(0.13) J
Acrylonitrile		NA	ND(0.13) [ND(0.13)]	NA	ND(0.11)	ND(0.13)
Benzene		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
Bromodichloromethane		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
Bromoform		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
Bromomethane		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
Carbon Disulfide		NA	ND(0.013) [ND(0.013)]	NA	ND(0.011)	ND(0.013)
Carbon Tetrachloride		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
Chlorobenzene		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
Chloroethane		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
Chloroform		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
Chloromethane		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
cis-1,3-Dichloropropene		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
Dibromochloromethane		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
Dibromomethane		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
Dichlorodifluoromethane		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063) J
Ethyl Methacrylate		NA	ND(0.013) [ND(0.013)]	NA	ND(0.011)	ND(0.013)
Ethylbenzene		NA	0.0015 J [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
Iodomethane		NA	ND(0.013) [ND(0.013)]	NA	ND(0.011)	ND(0.013)
Isobutanol		NA	ND(0.26) J [ND(0.26) J]	NA	ND(0.22) J	ND(0.25) J
m&p-Xylene		NA	0.047 [0.0073]	NA	ND(0.0054)	ND(0.0063)
Methacrylonitrile		NA	ND(0.13) [ND(0.13)]	NA	ND(0.11)	ND(0.13)
Methyl Methacrylate		NA	ND(0.013) [ND(0.013)]	NA	ND(0.011)	ND(0.013)
Methylene Chloride		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
o-Xylene		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
Propionitrile		NA	ND(0.13) [ND(0.13)]	NA	ND(0.11)	ND(0.13) J
Styrene		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
Tetrachloroethene		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	0.82
Toluene		NA	ND(0.0064) [0.0019 J]	NA	0.0016 J	ND(0.0063)
trans-1,2-Dichloroethene		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
trans-1,3-Dichloropropene		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
trans-1,4-Dichloro-2-butene		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
Trichloroethene		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
Trichlorofluoromethane		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
Vinyl Acetate		NA	ND(0.013) [ND(0.013)]	NA	ND(0.011)	ND(0.013)
Vinyl Chloride		NA	ND(0.0064) [ND(0.0064)]	NA	ND(0.0054)	ND(0.0063)
Xylenes (total)		NA	NA	NA	NA	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene		ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
1,2,4-Trichlorobenzene		ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
1,2-Dichlorobenzene		ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
1,2-Diphenylhydrazine		ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
1,3,5-Trinitrobenzene		ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
1,3-Dichlorobenzene		ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
1,3-Dinitrobenzene		ND(0.81)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
1,4-Dichlorobenzene		ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
1,4-Naphthoquinone		ND(0.81)	NA	ND(2.0) [ND(2.0)]	ND(1.8)	NA
1-Naphthylamine		ND(0.81)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA

TABLE B-2
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CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:				
	J9-23-19 / J9-23-19-I-13 / 1-3 / 08/16/02	J9-23-19 / J9-23-19-J-12 / 6-8 / 03/09/01	J9-23-19 / J9-23-19-J-12 / 6-15 / 03/09/01	J9-23-19 / J9-23-19-K-12 / 0-1 / 03/09/01	J9-23-19 / J9-23-19-SZ-27 / 0-1 / 03/15/01
Semivolatile Organics (continued)					
2,3,4,6-Tetrachlorophenol	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
2,4,5-Trichlorophenol	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
2,4,6-Trichlorophenol	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
2,4-Dichlorophenol	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
2,4-Dimethylphenol	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
2,4-Dinitrophenol	ND(2.0)	NA	ND(2.0) [ND(2.0)]	ND(1.8)	NA
2,4-Dinitrotoluene	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
2,6-Dichlorophenol	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
2,6-Dinitrotoluene	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
2-Acetylaminofluorene	ND(0.81)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
2-Chloronaphthalene	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
2-Chlorophenol	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
2-Methylnaphthalene	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
2-Methylphenol	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
2-Naphthylamine	ND(0.81)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
2-Nitroaniline	ND(2.0)	NA	ND(2.0) [ND(2.0)]	ND(1.8)	NA
2-Nitrophenol	ND(0.81)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
2-Picoline	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
3&4-Methylphenol	ND(0.81)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
3,3'-Dichlorobenzidine	ND(0.81)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
3,3'-Dimethylbenzidine	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
3-Methylcholanthrene	ND(0.81)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
3-Nitroaniline	ND(2.0)	NA	ND(2.0) [ND(2.0)]	ND(1.8)	NA
4,6-Dinitro-2-methylphenol	ND(0.40)	NA	ND(2.0) [ND(2.0)]	ND(1.8)	NA
4-Aminobiphenyl	ND(0.81)	NA	ND(2.0) [ND(2.0)]	ND(1.8)	NA
4-Bromophenyl-phenylether	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
4-Chloro-3-Methylphenol	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
4-Chloroaniline	ND(0.40)	NA	ND(2.0) J [ND(2.0) J]	ND(1.8) J	NA
4-Chlorobenzilate	ND(0.81)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
4-Chlorophenyl-phenylether	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
4-Nitroaniline	ND(2.0)	NA	ND(2.0) [ND(2.0)]	ND(1.8)	NA
4-Nitrophenol	ND(2.0)	NA	ND(2.0) [ND(2.0)]	ND(1.8)	NA
4-Nitroquinoline-1-oxide	ND(0.81)	NA	ND(2.0) [ND(2.0)]	ND(1.8)	NA
4-Phenylenediamine	ND(0.81) J	NA	ND(0.40) J [ND(0.40) J]	ND(0.36) J	NA
5-Nitro-o-toluidine	ND(0.81)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
7,12-Dimethylbenz(a)anthracene	ND(0.81)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
a,a'-Dimethylphenethylamine	ND(0.81)	NA	ND(2.0) [ND(2.0)]	ND(1.8)	NA
Acenaphthene	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Acenaphthylene	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Acetophenone	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Aniline	ND(0.40)	NA	ND(0.40) J [ND(0.40) J]	ND(0.36) J	NA
Anthracene	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Aramite	ND(0.81) J	NA	ND(2.0) [ND(2.0)]	ND(1.8)	NA
Benzidine	ND(0.81) J	NA	ND(4.0) [ND(4.0)]	ND(3.6)	NA
Benzo(a)anthracene	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Benzo(a)pyrene	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Benzo(b)fluoranthene	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Benzo(g,h,i)perylene	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Benzo(k)fluoranthene	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Benzyl Alcohol	ND(0.81)	NA	ND(2.0) [ND(2.0)]	ND(1.8)	NA
bis(2-Chloroethoxy)methane	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
bis(2-Chloroethyl)ether	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
bis(2-Chloroisopropyl)ether	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
bis(2-Ethylhexyl)phthalate	ND(0.40)	NA	0.096 J [ND(0.40)]	ND(0.36)	NA
Butylbenzylphthalate	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Chrysene	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Diallate	ND(0.81)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Dibenzo(a,h)anthracene	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Dibenzofuran	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Diethylphthalate	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Dimethoate	NA	NA	NA	NA	NA
Dimethylphthalate	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Di-n-Butylphthalate	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Di-n-Octylphthalate	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Diphenylamine	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Disulfoton	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Ethyl Parathion	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-19	J9-23-19	J9-23-19	J9-23-19	J9-23-19
Sample ID:	J9-23-19-I-13	J9-23-19-J-12	J9-23-19-J-12	J9-23-19-K-12	J9-23-19-SZ-27
Sample Depth(Feet):	1-3	6-8	6-15	0-1	0-1
Parameter Date Collected:	08/16/02	03/09/01	03/09/01	03/09/01	03/15/01
Semivolatile Organics (continued)					
Fluoranthene	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Fluorene	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Hexachlorobenzene	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Hexachlorobutadiene	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Hexachlorocyclopentadiene	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Hexachloroethane	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Hexachlorophene	ND(0.81) J	NA	ND(0.60) J [ND(0.60) J]	ND(0.54) J	NA
Hexachloropropene	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Indeno(1,2,3-cd)pyrene	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Isodrin	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Isophorone	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Isosafrole	ND(0.81)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Methapyrilene	ND(0.81)	NA	ND(2.0) [ND(2.0)]	ND(1.8)	NA
Methyl Methanesulfonate	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Methyl Parathion	NA	NA	NA	NA	NA
Naphthalene	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Nitrobenzene	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
N-Nitrosodiethylamine	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
N-Nitrosodimethylamine	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
N-Nitroso-di-n-butylamine	ND(0.81)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
N-Nitroso-di-n-propylamine	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
N-Nitrosodiphenylamine	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
N-Nitrosomethylethylamine	ND(0.81)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
N-Nitrosomorpholine	ND(0.40) J	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
N-Nitrosopiperidine	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
N-Nitrosopyrrolidine	ND(0.81) J	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
o,o,o-Triethylphosphorothioate	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
o-Toluidine	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
p-Dimethylaminoazobenzene	ND(0.81) J	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Pentachlorobenzene	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Pentachloroethane	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Pentachloronitrobenzene	ND(0.81)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Pentachlorophenol	ND(2.0)	NA	ND(2.0) [ND(2.0)]	ND(1.8)	NA
Phenacetin	ND(0.81)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Phenanthrene	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Phenol	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Phorate	NA	NA	NA	NA	NA
Pronamide	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Pyrene	0.12 J	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Pyridine	ND(0.40)	NA	ND(2.0) [ND(2.0)]	ND(1.8)	NA
Safrole	ND(0.40)	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Sulfotep	NA	NA	NA	NA	NA
Thionazin	ND(0.40) J	NA	ND(0.40) [ND(0.40)]	ND(0.36)	NA
Organochlorine Pesticides					
4,4'-DDD	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA

TABLE B-2
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CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	Parcel ID:	J9-23-19	J9-23-19	J9-23-19	J9-23-19	J9-23-19
	Sample ID:	J9-23-19-I-13	J9-23-19-J-12	J9-23-19-J-12	J9-23-19-K-12	J9-23-19-SZ-27
	Sample Depth(Feet):	1-3	6-8	6-15	0-1	0-1
Parameter	Date Collected:	08/16/02	03/09/01	03/09/01	03/09/01	03/15/01
Herbicides						
2,4,5-T		NA	NA	NA	NA	NA
2,4,5-TP		NA	NA	NA	NA	NA
2,4-D		NA	NA	NA	NA	NA
Dinoseb		NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF		NA	NA	ND(0.00000011) [ND(0.00000013)]	0.0000028	NA
TCDFs (total)		NA	NA	ND(0.00000011) [ND(0.00000013)]	0.000016	NA
1,2,3,7,8-PeCDF		NA	NA	ND(0.000000091) [ND(0.000000086)]	0.00000089 J	NA
2,3,4,7,8-PeCDF		NA	NA	ND(0.000000090) [ND(0.000000085)]	ND(0.0000013) JX	NA
PeCDFs (total)		NA	NA	ND(0.000000090) [ND(0.000000085)]	0.000022	NA
1,2,3,4,7,8-HxCDF		NA	NA	ND(0.00000013) [ND(0.00000013)]	0.0000020 J	NA
1,2,3,6,7,8-HxCDF		NA	NA	ND(0.00000015) [ND(0.00000015)]	0.00000093 J	NA
1,2,3,7,8,9-HxCDF		NA	NA	ND(0.00000017) [ND(0.00000017)]	ND(0.00000023)	NA
2,3,4,6,7,8-HxCDF		NA	NA	ND(0.00000015) [ND(0.00000016)]	0.00000089 J	NA
HxCDFs (total)		NA	NA	ND(0.00000015) [ND(0.00000015)]	0.000019	NA
1,2,3,4,6,7,8-HpCDF		NA	NA	ND(0.00000029) [ND(0.00000035)]	0.0000027	NA
1,2,3,4,7,8,9-HpCDF		NA	NA	ND(0.00000036) [ND(0.00000043)]	ND(0.00000031)	NA
HpCDFs (total)		NA	NA	ND(0.00000029) [ND(0.00000035)]	0.0000060	NA
OCDF		NA	NA	ND(0.00000057) [ND(0.00000051)]	0.0000019 J	NA
Dioxins						
2,3,7,8-TCDD		NA	NA	ND(0.00000014) [ND(0.00000012)]	ND(0.00000021)	NA
TCDDs (total)		NA	NA	ND(0.00000014) [ND(0.00000012)]	ND(0.00000021)	NA
1,2,3,7,8-PeCDD		NA	NA	ND(0.00000015) [ND(0.00000012)]	ND(0.00000021)	NA
PeCDDs (total)		NA	NA	ND(0.00000015) [ND(0.00000012)]	ND(0.00000021)	NA
1,2,3,4,7,8-HxCDD		NA	NA	ND(0.00000018) [ND(0.00000014)]	ND(0.00000020)	NA
1,2,3,6,7,8-HxCDD		NA	NA	ND(0.00000021) [ND(0.00000016)]	ND(0.00000023)	NA
1,2,3,7,8,9-HxCDD		NA	NA	ND(0.00000019) [ND(0.00000015)]	ND(0.00000021)	NA
HxCDDs (total)		NA	NA	ND(0.00000021) [ND(0.00000016)]	ND(0.00000023)	NA
1,2,3,4,6,7,8-HpCDD		NA	NA	ND(0.00000029) [ND(0.00000033)]	ND(0.00000024)	NA
HpCDDs (total)		NA	NA	ND(0.00000029) [ND(0.00000033)]	ND(0.00000024)	NA
OCDD		NA	NA	ND(0.0000019) JX [0.0000027 J]	ND(0.0000044) JX	NA
Total TEQs (WHO TEFs)		NA	NA	0.00000024 [0.00000021]	0.0000016	NA
Inorganics						
Antimony		NA	NA	ND(1.10) J [ND(1.10) J]	ND(1.00) J	1.70 J
Arsenic		NA	NA	2.50 [1.60]	7.30	4.70 J
Barium		NA	NA	13.5 [12.2]	10.2	54.0
Beryllium		NA	NA	ND(0.0200) [ND(0.0200)]	ND(0.0200)	ND(0.0200)
Cadmium		NA	NA	ND(0.0600) [ND(0.0600)]	ND(0.0600)	0.460 J
Chromium		NA	NA	4.60 * [3.50 *]	10.6 *	11.0 J
Cobalt		NA	NA	7.70 [7.30]	16.6	9.50
Copper		NA	NA	11.2 [10.5]	31.5	22.8
Cyanide		NA	NA	ND(1.20) [ND(1.20)]	ND(1.09)	ND(1.26)
Lead		NA	NA	5.70 [5.30]	11.7	72.9
Mercury		NA	NA	0.0100 B [ND(0.00400)]	0.0100 B	0.110
Nickel		NA	NA	13.1 [12.1]	24.6	16.0
Selenium		NA	NA	ND(0.270) J [ND(0.310) J]	0.410 J	0.330 B
Silver		NA	NA	ND(0.110) [ND(0.110)]	ND(0.100)	ND(0.110)
Sulfide		NA	NA	ND(24.1) [ND(24.0)]	ND(21.8)	ND(25.2)
Thallium		NA	NA	ND(0.170) [ND(0.160)]	ND(0.150)	ND(0.180)
Tin		NA	NA	ND(9.10) [9.90 B]	ND(3.20)	ND(7.20)
Vanadium		NA	NA	9.50 [8.00]	16.0	16.8 E
Zinc		NA	NA	36.5 J [30.5 J]	67.0 J	98.6

TABLE B-2
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CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-19	J9-23-19	J9-23-19	J9-23-19	J9-23-19	J9-23-19	J9-23-19
Sample ID:	J9-23-19-SZ-31	J9-23-19-SZ-32	J9-23-19-SZ-32	J9-23-19-SZ-33	J9-23-19-SZ-34	J9-23-19-SZ-34	J9-23-19-SZ-35
Sample Depth(Feet):	1-3	0-1	1-3	1-3	0-1	1-3	0-1
Parameter Date Collected:	08/19/02	08/19/02	08/19/02	08/19/02	08/19/02	08/19/02	08/19/02
Volatile Organics							
1,1,1,2-Tetrachloroethane	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane	NA	NA	NA	NA	NA	NA	NA
2-Butanone	NA	NA	NA	NA	NA	NA	NA
2-Chloro-1,3-butadiene	NA	NA	NA	NA	NA	NA	NA
2-Chloroethylvinylether	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	NA	NA	NA	NA	NA	NA	NA
3-Chloropropene	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	NA	NA	NA	NA	NA	NA	NA
Acetone	NA	NA	NA	NA	NA	NA	NA
Acetonitrile	NA	NA	NA	NA	NA	NA	NA
Acrolein	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	NA	NA	NA	NA	NA	NA	NA
Benzene	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	NA	NA	NA	NA	NA	NA	NA
Bromoform	NA	NA	NA	NA	NA	NA	NA
Bromomethane	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NA	NA	NA	NA	NA	NA	NA
Chloroethane	NA	NA	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA	NA	NA
Chloromethane	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	NA	NA	NA	NA	NA	NA	NA
Dibromomethane	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA
Ethyl Methacrylate	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	NA	NA	NA	NA	NA	NA	NA
Iodomethane	NA	NA	NA	NA	NA	NA	NA
Isobutanol	NA	NA	NA	NA	NA	NA	NA
m&p-Xylene	NA	NA	NA	NA	NA	NA	NA
Methacrylonitrile	NA	NA	NA	NA	NA	NA	NA
Methyl Methacrylate	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	NA	NA	NA	NA	NA	NA	NA
o-Xylene	NA	NA	NA	NA	NA	NA	NA
Propionitrile	NA	NA	NA	NA	NA	NA	NA
Styrene	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	NA	NA	NA	NA	NA	NA	NA
Toluene	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	NA	NA	NA	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	NA	NA	NA	NA	NA	NA	NA
Vinyl Acetate	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	NA	NA	NA	NA	NA	NA	NA
Xylenes (total)	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
1,2,4-Trichlorobenzene	ND(0.34)	ND(0.37)	ND(0.37)	0.079 J	ND(0.34)	ND(0.37)	ND(0.34)
1,2-Dichlorobenzene	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
1,2-Diphenylhydrazine	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
1,3,5-Trinitrobenzene	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
1,3-Dichlorobenzene	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
1,3-Dinitrobenzene	ND(0.69)	ND(0.74)	ND(0.74)	ND(0.69)	ND(0.68)	ND(0.74)	ND(0.68)
1,4-Dichlorobenzene	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
1,4-Naphthoquinone	ND(0.69)	ND(0.74)	ND(0.74)	ND(0.69)	ND(0.68)	ND(0.74)	ND(0.68)
1-Naphthylamine	ND(0.69)	ND(0.74)	ND(0.74)	ND(0.69)	ND(0.68)	ND(0.74)	ND(0.68)

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	J9-23-19 / J9-23-19-SZ-31 / 1-3 / 08/19/02	J9-23-19 / J9-23-19-SZ-32 / 0-1 / 08/19/02	J9-23-19 / J9-23-19-SZ-32 / 1-3 / 08/19/02	J9-23-19 / J9-23-19-SZ-33 / 1-3 / 08/19/02	J9-23-19 / J9-23-19-SZ-34 / 0-1 / 08/19/02	J9-23-19 / J9-23-19-SZ-34 / 1-3 / 08/19/02	J9-23-19 / J9-23-19-SZ-35 / 0-1 / 08/19/02
Semivolatile Organics (continued)							
2,3,4,6-Tetrachlorophenol	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
2,4,5-Trichlorophenol	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
2,4,6-Trichlorophenol	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
2,4-Dichlorophenol	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
2,4-Dimethylphenol	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
2,4-Dinitrophenol	ND(1.7)	ND(1.9)	ND(1.9)	ND(1.7)	ND(1.7)	ND(1.9)	ND(1.7)
2,4-Dinitrotoluene	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
2,6-Dichlorophenol	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
2,6-Dinitrotoluene	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
2-Acetylaminofluorene	ND(0.69)	ND(0.74)	ND(0.74)	ND(0.69)	ND(0.68)	ND(0.74)	ND(0.68)
2-Chloronaphthalene	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
2-Chlorophenol	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
2-Methylnaphthalene	1.4 J	ND(0.37)	ND(0.37)	0.78	0.74	4.4	ND(0.34)
2-Methylphenol	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	0.40	ND(0.34)
2-Naphthylamine	ND(0.69)	ND(0.74)	ND(0.74)	ND(0.69)	ND(0.68)	ND(0.74)	ND(0.68)
2-Nitroaniline	ND(1.7)	ND(1.9)	ND(1.9)	ND(1.7)	ND(1.7)	ND(1.9)	ND(1.7)
2-Nitrophenol	ND(0.69)	ND(0.74)	ND(0.74)	ND(0.69)	ND(0.68)	ND(0.74)	ND(0.68)
2-Picoline	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
3&4-Methylphenol	ND(0.69)	ND(0.74)	ND(0.74)	ND(0.69)	ND(0.68)	1.4	ND(0.68)
3,3'-Dichlorobenzidine	ND(0.69)	ND(0.74)	ND(0.74)	ND(0.69)	ND(0.68)	ND(0.74)	ND(0.68)
3,3'-Dimethylbenzidine	ND(0.34)	ND(0.37) J	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
3-Methylcholanthrene	ND(0.69)	ND(0.74)	ND(0.74)	ND(0.69)	ND(0.68)	ND(0.74)	ND(0.68)
3-Nitroaniline	ND(1.7)	ND(1.9) J	ND(1.9)	ND(1.7)	ND(1.7)	ND(1.9)	ND(1.7)
4,6-Dinitro-2-methylphenol	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
4-Aminobiphenyl	ND(0.69)	ND(0.74) J	ND(0.74)	ND(0.69)	ND(0.68)	ND(0.74)	ND(0.68)
4-Bromophenyl-phenylether	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
4-Chloro-3-Methylphenol	0.12 J	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
4-Chloroaniline	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
4-Chlorobenzilate	ND(0.69)	ND(0.74)	ND(0.74)	ND(0.69)	ND(0.68)	ND(0.74)	ND(0.68)
4-Chlorophenyl-phenylether	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
4-Nitroaniline	ND(1.7)	ND(1.9) J	ND(1.9)	ND(1.7)	ND(1.7)	ND(1.9)	ND(1.7)
4-Nitrophenol	ND(1.7)	ND(1.9)	ND(1.9)	ND(1.7)	ND(1.7)	ND(1.9)	ND(1.7)
4-Nitroquinoline-1-oxide	ND(0.69) J	ND(0.74) J	ND(0.74) J	ND(0.69) J	ND(0.68) J	ND(0.74) J	ND(0.68) J
4-Phenylenediamine	ND(0.69) J	ND(0.74) J	ND(0.74) J	ND(0.69) J	ND(0.68) J	ND(0.74) J	ND(0.68) J
5-Nitro-o-toluidine	ND(0.69)	ND(0.74)	ND(0.74)	ND(0.69)	ND(0.68)	ND(0.74)	ND(0.68)
7,12-Dimethylbenz(a)anthracene	ND(0.69)	ND(0.74)	ND(0.74)	ND(0.69)	ND(0.68)	ND(0.74)	ND(0.68)
a,a'-Dimethylphenethylamine	ND(0.69)	ND(0.74)	ND(0.74)	ND(0.69)	ND(0.68)	ND(0.74)	ND(0.68)
Acenaphthene	9.6	ND(0.37)	ND(0.37)	2.9	4.4	28 J	ND(0.34)
Acenaphthylene	0.20 J	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	0.51	ND(0.34)
Acetophenone	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
Aniline	0.29 J	ND(0.37)	ND(0.37)	ND(0.34)	0.14 J	2.0	ND(0.34)
Anthracene	18 J	0.079 J	ND(0.37)	4.4	12	45	ND(0.34)
Aramite	ND(0.69)	ND(0.74)	ND(0.74)	ND(0.69)	ND(0.68)	ND(0.74)	ND(0.68)
Benzidine	ND(0.69)	ND(0.74)	ND(0.74)	ND(0.69)	ND(0.68)	ND(0.74)	ND(0.68)
Benzo(a)anthracene	37 J	0.31 J	0.11 J	9.9	28	71	0.080 J
Benzo(a)pyrene	24 J	0.26 J	ND(0.37)	5.3	18	38	ND(0.34)
Benzo(b)fluoranthene	26 J	0.42	ND(0.37)	5.1	20	45	ND(0.34)
Benzo(g,h,i)perylene	15	0.22 J	0.14 J	3.0	11 J	20	ND(0.34)
Benzo(k)fluoranthene	22 J	0.43	0.17 J	4.5	16 J	35	ND(0.34)
Benzyl Alcohol	ND(0.69)	ND(0.74)	ND(0.74)	ND(0.69)	ND(0.68)	ND(0.74)	ND(0.68)
bis(2-Chloroethoxy)methane	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
bis(2-Chloroethyl)ether	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
bis(2-Chloroisopropyl)ether	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
bis(2-Ethylhexyl)phthalate	ND(0.34)	ND(0.36)	ND(0.37)	ND(0.34)	ND(0.34)	0.60	ND(0.34)
Butylbenzylphthalate	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
Chrysene	33 J	0.36 J	0.17 J	8.7	25	58	0.082 J
Diallate	ND(0.69)	ND(0.74)	ND(0.74)	ND(0.69)	ND(0.68)	ND(0.74)	ND(0.68)
Dibenzo(a,h)anthracene	6	ND(0.37)	ND(0.37)	1.1	3.5	8.9	ND(0.34)
Dibenzofuran	4.9	ND(0.37)	ND(0.37)	1.8	2.4	19	ND(0.34)
Diethylphthalate	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
Dimethoate	NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
Di-n-Butylphthalate	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	0.12 J	0.42	ND(0.34)
Di-n-Octylphthalate	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
Diphenylamine	ND(0.34) J	ND(0.37)	ND(0.37) J	ND(0.34) J	ND(0.34) J	ND(0.37) J	ND(0.34) J
Disulfoton	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
Ethyl Parathion	NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-19	J9-23-19	J9-23-19	J9-23-19	J9-23-19	J9-23-19	J9-23-19
Sample ID:	J9-23-19-SZ-31	J9-23-19-SZ-32	J9-23-19-SZ-32	J9-23-19-SZ-33	J9-23-19-SZ-34	J9-23-19-SZ-34	J9-23-19-SZ-35
Sample Depth(Feet):	1-3	0-1	1-3	1-3	0-1	1-3	0-1
Parameter Date Collected:	08/19/02	08/19/02	08/19/02	08/19/02	08/19/02	08/19/02	08/19/02
Semivolatile Organics (continued)							
Fluoranthene	50 J	0.61	0.20 J	14	42	140	0.14 J
Fluorene	9.2	ND(0.37)	ND(0.37)	2.8	4.2	32	ND(0.34)
Hexachlorobenzene	ND(0.34) J	ND(0.37)	ND(0.37) J	ND(0.34) J	ND(0.34) J	ND(0.37) J	ND(0.34) J
Hexachlorobutadiene	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
Hexachlorocyclopentadiene	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
Hexachloroethane	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
Hexachlorophene	ND(0.69)	ND(0.74) J	ND(0.74)	ND(0.69)	ND(0.68)	ND(0.74)	ND(0.68)
Hexachloropropene	ND(0.34)	ND(0.37) J	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
Indeno(1,2,3-cd)pyrene	14	0.17 J	ND(0.37)	3.0	11 J	22	ND(0.34)
Isodrin	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
Isophorone	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
Isosafrole	ND(0.69)	ND(0.74)	ND(0.74)	ND(0.69)	ND(0.68)	ND(0.74)	ND(0.68)
Methapyrilene	ND(0.69) J	ND(0.74)	ND(0.74) J	ND(0.69) J	ND(0.68) J	ND(0.74) J	ND(0.68) J
Methyl Methanesulfonate	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
Methyl Parathion	NA	NA	NA	NA	NA	NA	NA
Naphthalene	4.1	ND(0.37)	ND(0.37)	2.8	2.3	23 J	ND(0.34)
Nitrobenzene	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
N-Nitrosodiethylamine	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
N-Nitrosodimethylamine	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
N-Nitroso-di-n-butylamine	ND(0.69)	ND(0.74)	ND(0.74)	ND(0.69)	ND(0.68)	ND(0.74)	ND(0.68)
N-Nitroso-di-n-propylamine	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
N-Nitrosodiphenylamine	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
N-Nitrosomethylethylamine	ND(0.69)	ND(0.74)	ND(0.74)	ND(0.69)	ND(0.68)	ND(0.74)	ND(0.68)
N-Nitrosomorpholine	ND(0.34)	ND(0.37) J	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
N-Nitrosopiperidine	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
N-Nitrosopyrrolidine	ND(0.69) J	ND(0.74)	ND(0.74) J	ND(0.69) J	ND(0.68) J	ND(0.74) J	ND(0.68) J
o,o,o-Triethylphosphorothioate	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
o-Toluidine	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
p-Dimethylaminoazobenzene	ND(0.69)	ND(0.74)	ND(0.74)	ND(0.69)	ND(0.68)	ND(0.74)	ND(0.68)
Pentachlorobenzene	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
Pentachloroethane	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
Pentachloronitrobenzene	ND(0.69)	ND(0.74) J	ND(0.74)	ND(0.69)	ND(0.68)	ND(0.74)	ND(0.68)
Pentachlorophenol	ND(1.7)	ND(1.9)	ND(1.9)	ND(1.7)	ND(1.7)	ND(1.9)	ND(1.7)
Phenacetin	ND(0.69)	ND(0.74)	ND(0.74)	ND(0.69)	ND(0.68)	ND(0.74)	ND(0.68)
Phenanthrene	54 J	0.42	0.15 J	19	40	140	0.097 J
Phenol	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	1.0	ND(0.34)
Phorate	NA	NA	NA	NA	NA	NA	NA
Pronamide	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
Pyrene	68 J	0.81	0.36 J	23	56	170 J	0.17 J
Pyridine	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
Safrole	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
Sulfotep	NA	NA	NA	NA	NA	NA	NA
Thionazin	ND(0.34)	ND(0.37)	ND(0.37)	ND(0.34)	ND(0.34)	ND(0.37)	ND(0.34)
Organochlorine Pesticides							
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-19	J9-23-19	J9-23-19	J9-23-19	J9-23-19	J9-23-19	J9-23-19
Sample ID:	J9-23-19-SZ-31	J9-23-19-SZ-32	J9-23-19-SZ-32	J9-23-19-SZ-33	J9-23-19-SZ-34	J9-23-19-SZ-34	J9-23-19-SZ-35
Sample Depth(Feet):	1-3	0-1	1-3	1-3	0-1	1-3	0-1
Parameter Date Collected:	08/19/02	08/19/02	08/19/02	08/19/02	08/19/02	08/19/02	08/19/02
Herbicides							
2,4,5-T	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	NA	NA	NA	NA	NA	NA	NA
TCDFs (total)	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	NA	NA	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	NA	NA	NA	NA	NA	NA	NA
PeCDFs (total)	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	NA	NA	NA
HxCDFs (total)	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	NA	NA	NA
HpCDFs (total)	NA	NA	NA	NA	NA	NA	NA
OCDF	NA	NA	NA	NA	NA	NA	NA
Dioxins							
2,3,7,8-TCDD	NA	NA	NA	NA	NA	NA	NA
TCDDs (total)	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	NA	NA	NA	NA	NA	NA	NA
PeCDDs (total)	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	NA	NA	NA
HxCDDs (total)	NA	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA	NA	NA	NA
HpCDDs (total)	NA	NA	NA	NA	NA	NA	NA
OCDD	NA	NA	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)	NA	NA	NA	NA	NA	NA	NA
Inorganics							
Antimony	NA	NA	NA	NA	NA	NA	NA
Arsenic	NA	NA	NA	NA	NA	NA	NA
Barium	NA	NA	NA	NA	NA	NA	NA
Beryllium	NA	NA	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA	NA
Cobalt	NA	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	NA	NA	NA
Lead	96.0	NA	74.0	92.0	NA	86.0	NA
Mercury	NA	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA	NA
Selenium	NA	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA	NA
Sulfide	NA	NA	NA	NA	NA	NA	NA
Thallium	NA	NA	NA	NA	NA	NA	NA
Tin	NA	NA	NA	NA	NA	NA	NA
Vanadium	NA	NA	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	J9-23-19 / J9-23-19-SZ-36 / 0-1 / 08/16/02	J9-23-19 / J9-23-19-SZ-37 / 0-1 / 08/16/02	J9-23-20 / J9-23-20-D-14 / 3-6 / 03/09/01	J9-23-20 / J9-23-20-D-14 / 4-6 / 03/09/01	J9-23-20 / J9-23-20-D-14 / 6-15 / 03/09/01	J9-23-20 / J9-23-20-D-14 / 10-12 / 03/09/01
Volatile Organics						
1,1,1,2-Tetrachloroethane	NA	NA	NA	ND(0.0059)	NA	ND(0.51)
1,1,1-Trichloroethane	NA	NA	NA	ND(0.0059)	NA	ND(0.51)
1,1,2,2-Tetrachloroethane	NA	NA	NA	ND(0.0059)	NA	ND(0.51)
1,1,2-Trichloroethane	NA	NA	NA	ND(0.0059)	NA	ND(0.51)
1,1-Dichloroethane	NA	NA	NA	ND(0.0059)	NA	ND(0.51)
1,1-Dichloroethene	NA	NA	NA	ND(0.0059)	NA	ND(0.51)
1,2,3-Trichloropropane	NA	NA	NA	ND(0.0059)	NA	ND(0.51)
1,2-Dibromo-3-chloropropane	NA	NA	NA	ND(0.0059)	NA	ND(0.51)
1,2-Dibromoethane	NA	NA	NA	ND(0.0059)	NA	ND(0.51)
1,2-Dichloroethane	NA	NA	NA	ND(0.0059)	NA	0.15 J
1,2-Dichloropropane	NA	NA	NA	ND(0.0059)	NA	ND(0.51)
1,4-Dioxane	NA	NA	NA	ND(1.2) J	NA	ND(100) J
2-Butanone	NA	NA	NA	0.028	NA	ND(1.0)
2-Chloro-1,3-butadiene	NA	NA	NA	ND(0.0059)	NA	ND(0.51)
2-Chloroethylvinylether	NA	NA	NA	ND(0.012)	NA	ND(1.0)
2-Hexanone	NA	NA	NA	ND(0.012)	NA	ND(1.0)
3-Chloropropene	NA	NA	NA	ND(0.0059)	NA	ND(0.51)
4-Methyl-2-pentanone	NA	NA	NA	ND(0.012)	NA	ND(1.0)
Acetone	NA	NA	NA	0.14	NA	ND(2.0)
Acetonitrile	NA	NA	NA	ND(0.12) J	NA	ND(10) J
Acrolein	NA	NA	NA	ND(0.12)	NA	ND(10) J
Acrylonitrile	NA	NA	NA	ND(0.12)	NA	ND(10)
Benzene	NA	NA	NA	0.0027 J	NA	1.3
Bromodichloromethane	NA	NA	NA	ND(0.0059)	NA	ND(0.51)
Bromoform	NA	NA	NA	ND(0.0059)	NA	ND(0.51)
Bromomethane	NA	NA	NA	ND(0.0059)	NA	ND(0.51)
Carbon Disulfide	NA	NA	NA	0.0019 J	NA	ND(1.0)
Carbon Tetrachloride	NA	NA	NA	ND(0.0059)	NA	ND(0.51)
Chlorobenzene	NA	NA	NA	0.0013 J	NA	34 D
Chloroethane	NA	NA	NA	ND(0.0059)	NA	ND(0.51)
Chloroform	NA	NA	NA	ND(0.0059)	NA	ND(0.51)
Chloromethane	NA	NA	NA	ND(0.0059)	NA	ND(0.51)
cis-1,3-Dichloropropene	NA	NA	NA	ND(0.0059)	NA	ND(0.51)
Dibromochloromethane	NA	NA	NA	ND(0.0059)	NA	ND(0.51)
Dibromomethane	NA	NA	NA	ND(0.0059)	NA	ND(0.51)
Dichlorodifluoromethane	NA	NA	NA	ND(0.0059)	NA	ND(0.51) J
Ethyl Methacrylate	NA	NA	NA	ND(0.012)	NA	ND(1.0)
Ethylbenzene	NA	NA	NA	ND(0.0059)	NA	0.10 J
Iodomethane	NA	NA	NA	ND(0.012)	NA	ND(1.0)
Isobutanol	NA	NA	NA	ND(0.24) J	NA	ND(20) J
m&p-Xylene	NA	NA	NA	0.0015 J	NA	0.40 J
Methacrylonitrile	NA	NA	NA	ND(0.12)	NA	ND(10)
Methyl Methacrylate	NA	NA	NA	ND(0.012)	NA	ND(1.0)
Methylene Chloride	NA	NA	NA	ND(0.0059)	NA	ND(0.51)
o-Xylene	NA	NA	NA	ND(0.0059)	NA	0.11 J
Propionitrile	NA	NA	NA	ND(0.12)	NA	ND(10)
Styrene	NA	NA	NA	ND(0.0059)	NA	ND(0.51)
Tetrachloroethene	NA	NA	NA	ND(0.0059)	NA	ND(0.51)
Toluene	NA	NA	NA	0.0021 J	NA	0.91
trans-1,2-Dichloroethene	NA	NA	NA	ND(0.0059)	NA	0.28 J
trans-1,3-Dichloropropene	NA	NA	NA	ND(0.0059)	NA	ND(0.51)
trans-1,4-Dichloro-2-butene	NA	NA	NA	ND(0.0059)	NA	ND(0.51)
Trichloroethene	NA	NA	NA	ND(0.0059)	NA	ND(0.51)
Trichlorofluoromethane	NA	NA	NA	ND(0.0059)	NA	ND(0.51)
Vinyl Acetate	NA	NA	NA	ND(0.012)	NA	ND(1.0)
Vinyl Chloride	NA	NA	NA	0.0031 J	NA	0.30 J
Xylenes (total)	NA	NA	NA	NA	NA	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.36)	ND(0.36)	0.39 J	NA	1.1	NA
1,2,4-Trichlorobenzene	ND(0.36)	ND(0.36)	0.65 J	NA	0.43 J	NA
1,2-Dichlorobenzene	ND(0.36)	ND(0.36)	ND(1.9)	NA	0.061 J	NA
1,2-Diphenylhydrazine	ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
1,3,5-Trinitrobenzene	ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
1,3-Dichlorobenzene	ND(0.36)	ND(0.36)	0.21 J	NA	0.20 J	NA
1,3-Dinitrobenzene	ND(0.72)	ND(0.73)	ND(1.9)	NA	ND(0.49)	NA
1,4-Dichlorobenzene	ND(0.36)	ND(0.36)	1.0 J	NA	1.4	NA
1,4-Naphthoquinone	ND(0.72)	ND(0.73)	ND(10)	NA	ND(2.5)	NA
1-Naphthylamine	ND(0.72)	ND(0.73)	ND(1.9)	NA	ND(0.49)	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	J9-23-19	J9-23-19	J9-23-20	J9-23-20	J9-23-20	J9-23-20
	Sample ID:	J9-23-19-SZ-36	J9-23-19-SZ-37	J9-23-20-D-14	J9-23-20-D-14	J9-23-20-D-14	J9-23-20-D-14
	Sample Depth(Feet):	0-1	0-1	3-6	4-6	6-15	10-12
	Date Collected:	08/16/02	08/16/02	03/09/01	03/09/01	03/09/01	03/09/01
Semivolatile Organics (continued)							
2,3,4,6-Tetrachlorophenol		ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
2,4,5-Trichlorophenol		ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
2,4,6-Trichlorophenol		ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
2,4-Dichlorophenol		ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
2,4-Dimethylphenol		ND(0.36)	ND(0.36)	ND(1.9)	NA	0.062 J	NA
2,4-Dinitrophenol		ND(1.8)	ND(1.8)	ND(10)	NA	ND(2.5)	NA
2,4-Dinitrotoluene		ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
2,6-Dichlorophenol		ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
2,6-Dinitrotoluene		ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
2-Acetylaminofluorene		ND(0.72)	ND(0.73)	ND(1.9)	NA	ND(0.49)	NA
2-Chloronaphthalene		ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
2-Chlorophenol		ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
2-Methylnaphthalene		0.079 J	1.4	0.95 J	NA	ND(0.49)	NA
2-Methylphenol		ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
2-Naphthylamine		ND(0.72)	ND(0.73)	ND(1.9)	NA	ND(0.49)	NA
2-Nitroaniline		ND(1.8)	ND(1.8)	ND(10)	NA	ND(2.5)	NA
2-Nitrophenol		ND(0.72)	ND(0.73)	ND(1.9)	NA	ND(0.49)	NA
2-Picoline		ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
3&4-Methylphenol		ND(0.72)	ND(0.73)	0.28 J	NA	ND(0.49)	NA
3,3'-Dichlorobenzidine		ND(0.72)	ND(0.73)	ND(1.9)	NA	ND(0.49)	NA
3,3'-Dimethylbenzidine		ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
3-Methylcholanthrene		ND(0.72)	ND(0.73)	ND(1.9)	NA	ND(0.49)	NA
3-Nitroaniline		ND(1.8)	ND(1.8)	ND(10)	NA	ND(2.5)	NA
4,6-Dinitro-2-methylphenol		ND(0.36)	ND(0.36)	ND(10)	NA	ND(2.5)	NA
4-Aminobiphenyl		ND(0.72)	ND(0.73)	ND(10)	NA	ND(2.5)	NA
4-Bromophenyl-phenylether		ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
4-Chloro-3-Methylphenol		ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
4-Chloroaniline		ND(0.36)	ND(0.36)	ND(10) J	NA	ND(2.5) J	NA
4-Chlorobenzilate		ND(0.72)	ND(0.73)	ND(1.9)	NA	ND(0.49)	NA
4-Chlorophenyl-phenylether		ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
4-Nitroaniline		ND(1.8)	ND(1.8)	ND(10)	NA	ND(2.5)	NA
4-Nitrophenol		ND(1.8)	ND(1.8)	ND(10)	NA	ND(2.5)	NA
4-Nitroquinoline-1-oxide		ND(0.72)	ND(0.73)	ND(10)	NA	ND(2.5)	NA
4-Phenylenediamine		ND(0.72) J	ND(0.73) J	ND(10) J	NA	ND(2.5) J	NA
5-Nitro-o-toluidine		ND(0.72)	ND(0.73)	ND(1.9)	NA	ND(0.49)	NA
7,12-Dimethylbenz(a)anthracene		ND(0.72)	ND(0.73)	ND(1.9)	NA	ND(0.49)	NA
a,a'-Dimethylphenethylamine		ND(0.72)	ND(0.73)	ND(10)	NA	ND(2.5)	NA
Acenaphthene		0.81	18	1.3 J	NA	ND(0.49)	NA
Acenaphthylene		ND(0.36)	0.44	1.3 J	NA	0.14 J	NA
Acetophenone		ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
Aniline		ND(0.36)	1.8	ND(1.9) J	NA	0.18 J	NA
Anthracene		2.3	30 J	3.7	NA	0.14 J	NA
Aramite		ND(0.72) J	ND(0.73) J	ND(10)	NA	ND(2.5)	NA
Benzidine		ND(0.72) J	ND(0.73)	ND(19)	NA	ND(4.9)	NA
Benzo(a)anthracene		10 J	60 J	8.7	NA	0.43 J	NA
Benzo(a)pyrene		7.4 J	52 J	8.0	NA	0.66	NA
Benzo(b)fluoranthene		9.7 J	50 J	8.0	NA	0.55	NA
Benzo(g,h,i)perylene		3.7	30 J	5.5	NA	0.61	NA
Benzo(k)fluoranthene		5.2	52 J	6.3	NA	0.52	NA
Benzyl Alcohol		ND(0.72)	ND(0.73)	ND(1.9)	NA	ND(0.49)	NA
bis(2-Chloroethoxy)methane		ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
bis(2-Chloroethyl)ether		ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
bis(2-Chloroisopropyl)ether		ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
bis(2-Ethylhexyl)phthalate		ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
Butylbenzylphthalate		ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
Chrysene		5.2	56 J	11	NA	0.52	NA
Diallate		ND(0.72)	ND(0.73)	ND(1.9)	NA	ND(0.49)	NA
Dibenzo(a,h)anthracene		1.2	7.6	2.0	NA	0.20 J	NA
Dibenzofuran		0.40	8.5 J	2.5	NA	ND(0.49)	NA
Diethylphthalate		ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
Dimethoate		NA	NA	ND(10)	NA	ND(2.5)	NA
Dimethylphthalate		ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
Di-n-Butylphthalate		ND(0.36)	0.43	ND(1.9)	NA	ND(0.49)	NA
Di-n-Octylphthalate		ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
Diphenylamine		ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
Disulfoton		NA	NA	ND(1.9)	NA	ND(0.49)	NA
Ethyl Methanesulfonate		ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
Ethyl Parathion		NA	NA	ND(1.9)	NA	ND(0.49)	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-19	J9-23-19	J9-23-20	J9-23-20	J9-23-20	J9-23-20
Sample ID:	J9-23-19-SZ-36	J9-23-19-SZ-37	J9-23-20-D-14	J9-23-20-D-14	J9-23-20-D-14	J9-23-20-D-14
Sample Depth(Feet):	0-1	0-1	3-6	4-6	6-15	10-12
Parameter Date Collected:	08/16/02	08/16/02	03/09/01	03/09/01	03/09/01	03/09/01
Semivolatile Organics (continued)						
Fluoranthene	19	120	28	NA	0.55	NA
Fluorene	0.88	15 J	2.4	NA	ND(0.49)	NA
Hexachlorobenzene	ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
Hexachlorobutadiene	ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
Hexachlorocyclopentadiene	ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
Hexachloroethane	ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
Hexachlorophene	ND(0.72) J	ND(0.73)	ND(2.9) J	NA	ND(0.74) J	NA
Hexachloropropene	ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
Indeno(1,2,3-cd)pyrene	3.4	22	5.2	NA	0.49 J	NA
Isodrin	ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
Isophorone	ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
Isosafrole	ND(0.72)	ND(0.73)	ND(1.9)	NA	ND(0.49)	NA
Methapyrilene	ND(0.72)	ND(0.73)	ND(10)	NA	ND(2.5)	NA
Methyl Methanesulfonate	ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
Methyl Parathion	NA	NA	ND(1.9)	NA	ND(0.49)	NA
Naphthalene	0.21 J	3.9	2.7	NA	0.053 J	NA
Nitrobenzene	ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
N-Nitrosodiethylamine	ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
N-Nitrosodimethylamine	ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
N-Nitroso-di-n-butylamine	ND(0.72)	ND(0.73)	ND(1.9)	NA	ND(0.49)	NA
N-Nitroso-di-n-propylamine	ND(0.36)	0.54	ND(1.9)	NA	ND(0.49)	NA
N-Nitrosodiphenylamine	ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
N-Nitrosomethylethylamine	ND(0.72)	ND(0.73)	ND(1.9)	NA	ND(0.49)	NA
N-Nitrosomorpholine	ND(0.36) J	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
N-Nitrosopiperidine	ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
N-Nitrosopyrrolidine	ND(0.72) J	ND(0.73)	ND(1.9)	NA	ND(0.49)	NA
o,o,o-Triethylphosphorothioate	ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
o-Toluidine	ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
p-Dimethylaminoazobenzene	ND(0.72) J	ND(0.73) J	ND(1.9)	NA	ND(0.49)	NA
Pentachlorobenzene	ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
Pentachloroethane	ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
Pentachloronitrobenzene	ND(0.72)	ND(0.73) J	ND(1.9)	NA	ND(0.49)	NA
Pentachlorophenol	ND(1.8)	ND(1.8)	ND(10)	NA	ND(2.5)	NA
Phenacetin	ND(0.72)	ND(0.73)	ND(1.9)	NA	ND(0.49)	NA
Phenanthrene	13	130	31	NA	0.28 J	NA
Phenol	ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
Phorate	NA	NA	ND(1.9)	NA	ND(0.49)	NA
Pronamide	ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
Pyrene	30	160	24	NA	0.78	NA
Pyridine	ND(0.36)	ND(0.36)	ND(10)	NA	ND(2.5)	NA
Safrole	ND(0.36)	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
Sulfotep	NA	NA	ND(1.9)	NA	ND(0.49)	NA
Thionazin	ND(0.36) J	ND(0.36)	ND(1.9)	NA	ND(0.49)	NA
Organochlorine Pesticides						
4,4'-DDD	NA	NA	ND(0.99)	NA	ND(1.3)	NA
4,4'-DDE	NA	NA	ND(0.99)	NA	ND(1.3)	NA
4,4'-DDT	NA	NA	ND(1.9)	NA	ND(2.5)	NA
Aldrin	NA	NA	ND(0.99)	NA	ND(1.3)	NA
Alpha-BHC	NA	NA	ND(0.99)	NA	ND(1.3)	NA
Alpha-Chlordane	NA	NA	ND(0.99)	NA	ND(1.3)	NA
Beta-BHC	NA	NA	ND(0.99)	NA	ND(1.3)	NA
Delta-BHC	NA	NA	ND(0.99)	NA	ND(1.3)	NA
Dieldrin	NA	NA	ND(0.99)	NA	ND(1.3)	NA
Endosulfan I	NA	NA	ND(0.99)	NA	ND(1.3)	NA
Endosulfan II	NA	NA	ND(1.9)	NA	ND(2.5)	NA
Endosulfan Sulfate	NA	NA	ND(1.9)	NA	ND(2.5)	NA
Endrin	NA	NA	ND(0.99)	NA	ND(1.3)	NA
Endrin Aldehyde	NA	NA	ND(1.9)	NA	ND(2.5)	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	ND(0.99)	NA	ND(1.3)	NA
Gamma-BHC (Lindane)	NA	NA	ND(0.99)	NA	ND(1.3)	NA
Gamma-Chlordane	NA	NA	ND(0.99)	NA	ND(1.3)	NA
Heptachlor	NA	NA	ND(0.99)	NA	ND(1.3)	NA
Heptachlor Epoxide	NA	NA	ND(0.99)	NA	ND(1.3)	NA
Kepone	NA	NA	ND(0.99)	NA	ND(1.3)	NA
Methoxychlor	NA	NA	ND(3.8)	NA	ND(4.9)	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	ND(19)	NA	ND(25)	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	J9-23-19 / J9-23-19-SZ-36 / 0-1 / 08/16/02	J9-23-19 / J9-23-19-SZ-37 / 0-1 / 08/16/02	J9-23-20 / J9-23-20-D-14 / 3-6 / 03/09/01	J9-23-20 / J9-23-20-D-14 / 4-6 / 03/09/01	J9-23-20 / J9-23-20-D-14 / 6-15 / 03/09/01	J9-23-20 / J9-23-20-D-14 / 10-12 / 03/09/01
Herbicides						
2,4,5-T	NA	NA	ND(1.2)	NA	ND(1.5)	NA
2,4,5-TP	NA	NA	ND(1.2)	NA	ND(1.5)	NA
2,4-D	NA	NA	ND(1.2)	NA	ND(1.5)	NA
Dinoseb	NA	NA	ND(0.23)	NA	ND(0.060)	NA
Furans						
2,3,7,8-TCDF	NA	NA	0.0032 D	NA	0.0021 D	NA
TCDFs (total)	NA	NA	0.022	NA	0.019	NA
1,2,3,7,8-PeCDF	NA	NA	0.0013 DJ	NA	0.0014 DJ	NA
2,3,4,7,8-PeCDF	NA	NA	0.0015 DJ	NA	0.0016 DJ	NA
PeCDFs (total)	NA	NA	0.014	NA	0.012	NA
1,2,3,4,7,8-HxCDF	NA	NA	0.0061 D	NA	0.0042 D	NA
1,2,3,6,7,8-HxCDF	NA	NA	0.0020 DJ	NA	0.0019 DJ	NA
1,2,3,7,8,9-HxCDF	NA	NA	0.00032 DJ	NA	0.00038	NA
2,3,4,6,7,8-HxCDF	NA	NA	ND(0.00015)	NA	0.00027	NA
HxCDFs (total)	NA	NA	0.017	NA	0.011	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	0.0054 D	NA	0.0031 D	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	0.0017 DJ	NA	0.0020 DJ	NA
HpCDFs (total)	NA	NA	0.0084	NA	0.0047	NA
OCDF	NA	NA	0.0031 DJ	NA	0.0028 DJ	NA
Dioxins						
2,3,7,8-TCDD	NA	NA	0.000021	NA	0.0000086	NA
TCDDs (total)	NA	NA	0.00080	NA	0.00029	NA
1,2,3,7,8-PeCDD	NA	NA	0.000057	NA	ND(0.00001) X	NA
PeCDDs (total)	NA	NA	0.00087	NA	0.000040	NA
1,2,3,4,7,8-HxCDD	NA	NA	0.000040	NA	ND(0.0000034)	NA
1,2,3,6,7,8-HxCDD	NA	NA	0.000095	NA	ND(0.000027) X	NA
1,2,3,7,8,9-HxCDD	NA	NA	0.000063	NA	ND(0.0000036)	NA
HxCDDs (total)	NA	NA	0.0017	NA	0.00029	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	0.00053	NA	0.00022	NA
HpCDDs (total)	NA	NA	0.0012	NA	0.00045	NA
OCDD	NA	NA	0.00096 J	NA	0.00036	NA
Total TEQs (WHO TEFs)	NA	NA	0.0022	NA	0.0018	NA
Inorganics						
Antimony	NA	NA	1.40 J	NA	3.60 J	NA
Arsenic	NA	NA	4.90	NA	11.1	NA
Barium	NA	NA	179	NA	578	NA
Beryllium	NA	NA	ND(0.0200)	NA	ND(0.0300)	NA
Cadmium	NA	NA	1.40	NA	3.60	NA
Chromium	NA	NA	19.6	NA	57.0	NA
Cobalt	NA	NA	8.60	NA	12.5	NA
Copper	NA	NA	323	NA	935	NA
Cyanide	NA	NA	ND(1.17)	NA	ND(1.49)	NA
Lead	NA	NA	471	NA	1640	NA
Mercury	NA	NA	1.30	NA	0.500	NA
Nickel	NA	NA	29.7	NA	60.4	NA
Selenium	NA	NA	0.390 B	NA	0.650 B	NA
Silver	NA	NA	ND(0.110)	NA	3.30	NA
Sulfide	NA	NA	ND(23.3)	NA	48.7	NA
Thallium	NA	NA	ND(0.160)	NA	ND(0.210)	NA
Tin	NA	NA	1.20 J	NA	3.60 J	NA
Vanadium	NA	NA	19.1	NA	20.8	NA
Zinc	NA	NA	626	NA	1540	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-20	J9-23-20	J9-23-20	J9-23-20	J9-23-20	J9-23-20	J9-23-20
Sample ID:	J9-23-20-F-14	J9-23-20-F-14	J9-23-20-F-14	J9-23-20-F-14	J9-23-20-F-14	J9-23-20-H-14	J9-23-20-H-14
Sample Depth(Feet):	0-1	3-4	3-6	10-12	10-15	6-15	10-12
Parameter Date Collected:	08/19/02	03/14/01	03/14/01	03/14/01	03/14/01	03/13/01	03/13/01
Volatile Organics							
1,1,1,2-Tetrachloroethane	ND(0.0051)	ND(0.0052)	NA	ND(0.010) J	NA	NA	ND(0.0054)
1,1,1-Trichloroethane	ND(0.0051)	ND(0.0052)	NA	ND(0.010) J	NA	NA	ND(0.0054)
1,1,2,2-Tetrachloroethane	ND(0.0051)	ND(0.0052)	NA	ND(0.010) J	NA	NA	ND(0.0054)
1,1,2-Trichloroethane	ND(0.0051)	ND(0.0052)	NA	ND(0.010) J	NA	NA	ND(0.0054)
1,1-Dichloroethane	ND(0.0051)	ND(0.0052)	NA	ND(0.010) J	NA	NA	ND(0.0054)
1,1-Dichloroethene	ND(0.0051)	ND(0.0052)	NA	0.0020 J	NA	NA	ND(0.0054)
1,2,3-Trichloropropane	ND(0.0051)	ND(0.0052)	NA	ND(0.010) J	NA	NA	ND(0.0054)
1,2-Dibromo-3-chloropropane	ND(0.0051)	ND(0.0052)	NA	ND(0.010) J	NA	NA	ND(0.0054)
1,2-Dibromoethane	ND(0.0051)	ND(0.0052)	NA	ND(0.010) J	NA	NA	ND(0.0054)
1,2-Dichloroethane	ND(0.0051)	ND(0.0052)	NA	ND(0.010) J	NA	NA	ND(0.0054)
1,2-Dichloropropane	ND(0.0051)	ND(0.0052)	NA	ND(0.010) J	NA	NA	ND(0.0054)
1,4-Dioxane	ND(0.10) J	ND(1.0) J	NA	ND(2.0) J	NA	NA	ND(1.1) J
2-Butanone	ND(0.010)	ND(0.010)	NA	0.059 J	NA	NA	ND(0.011)
2-Chloro-1,3-butadiene	ND(0.0051)	ND(0.0052)	NA	ND(0.010) J	NA	NA	ND(0.0054)
2-Chloroethylvinylether	ND(0.0051) J	ND(0.010)	NA	ND(0.020) J	NA	NA	ND(0.011)
2-Hexanone	ND(0.010)	ND(0.010)	NA	ND(0.020) J	NA	NA	ND(0.011)
3-Chloropropene	ND(0.0051)	ND(0.0052)	NA	ND(0.010) J	NA	NA	ND(0.0054)
4-Methyl-2-pentanone	ND(0.010)	ND(0.010)	NA	ND(0.020) J	NA	NA	ND(0.011)
Acetone	ND(0.020)	ND(0.021)	NA	0.29 J	NA	NA	0.0065 J
Acetonitrile	ND(0.10)	ND(0.10) J	NA	ND(0.20) J	NA	NA	ND(0.11) J
Acrolein	ND(0.10) J	ND(0.10)	NA	ND(0.20) J	NA	NA	ND(0.11)
Acrylonitrile	ND(0.0051)	ND(0.10)	NA	ND(0.20) J	NA	NA	ND(0.11)
Benzene	ND(0.0051)	ND(0.0052)	NA	0.031 J	NA	NA	ND(0.0054)
Bromodichloromethane	ND(0.0051)	ND(0.0052)	NA	ND(0.010) J	NA	NA	ND(0.0054)
Bromoform	ND(0.0051)	ND(0.0052)	NA	ND(0.010) J	NA	NA	ND(0.0054)
Bromomethane	ND(0.0051)	ND(0.0052)	NA	ND(0.010) J	NA	NA	ND(0.0054)
Carbon Disulfide	ND(0.0051)	ND(0.010)	NA	ND(0.020) J	NA	NA	ND(0.011)
Carbon Tetrachloride	ND(0.0051)	ND(0.0052)	NA	ND(0.010) J	NA	NA	ND(0.0054)
Chlorobenzene	ND(0.0051)	ND(0.0052)	NA	0.094 J	NA	NA	ND(0.0054)
Chloroethane	ND(0.0051)	ND(0.0052)	NA	ND(0.010) J	NA	NA	ND(0.0054)
Chloroform	ND(0.0051)	ND(0.0052)	NA	ND(0.010) J	NA	NA	ND(0.0054)
Chloromethane	ND(0.0051)	ND(0.0052)	NA	ND(0.010) J	NA	NA	ND(0.0054)
cis-1,3-Dichloropropene	ND(0.0051)	ND(0.0052)	NA	ND(0.010) J	NA	NA	ND(0.0054)
Dibromochloromethane	ND(0.0051)	ND(0.0052)	NA	ND(0.010) J	NA	NA	ND(0.0054)
Dibromomethane	ND(0.0051)	ND(0.0052)	NA	ND(0.010) J	NA	NA	ND(0.0054)
Dichlorodifluoromethane	ND(0.0051)	ND(0.0052) J	NA	ND(0.010) J	NA	NA	ND(0.0054)
Ethyl Methacrylate	ND(0.0051)	ND(0.010)	NA	ND(0.020) J	NA	NA	ND(0.011)
Ethylbenzene	ND(0.0051)	ND(0.0052)	NA	0.0051 J	NA	NA	ND(0.0054)
Iodomethane	ND(0.0051)	ND(0.010)	NA	ND(0.020) J	NA	NA	ND(0.011)
Isobutanol	ND(0.10)	ND(0.21) J	NA	ND(0.41) J	NA	NA	ND(0.22) J
m&p-Xylene	NA	ND(0.0052)	NA	0.022 J	NA	NA	ND(0.0054)
Methacrylonitrile	ND(0.0051)	ND(0.10)	NA	ND(0.20) J	NA	NA	ND(0.11)
Methyl Methacrylate	ND(0.0051)	ND(0.010)	NA	ND(0.020) J	NA	NA	ND(0.011)
Methylene Chloride	ND(0.0051)	ND(0.0052)	NA	0.0033 J	NA	NA	ND(0.0054)
o-Xylene	NA	ND(0.0052)	NA	0.0084 J	NA	NA	ND(0.0054)
Propionitrile	ND(0.010)	ND(0.10)	NA	ND(0.20) J	NA	NA	ND(0.11)
Styrene	ND(0.0051)	ND(0.0052)	NA	ND(0.010) J	NA	NA	ND(0.0054)
Tetrachloroethene	ND(0.0051)	ND(0.0052)	NA	ND(0.010) J	NA	NA	ND(0.0054)
Toluene	ND(0.0051)	ND(0.0052)	NA	0.035 J	NA	NA	ND(0.0054)
trans-1,2-Dichloroethene	ND(0.0051)	ND(0.0052)	NA	0.018 J	NA	NA	ND(0.0054)
trans-1,3-Dichloropropene	ND(0.0051)	ND(0.0052)	NA	ND(0.010) J	NA	NA	ND(0.0054)
trans-1,4-Dichloro-2-butene	ND(0.0051)	ND(0.0052)	NA	ND(0.010) J	NA	NA	ND(0.0054)
Trichloroethene	ND(0.0051)	ND(0.0052)	NA	ND(0.010) J	NA	NA	ND(0.0054)
Trichlorofluoromethane	ND(0.0051)	ND(0.0052)	NA	ND(0.010) J	NA	NA	ND(0.0054)
Vinyl Acetate	ND(0.0051)	ND(0.010)	NA	ND(0.020) J	NA	NA	ND(0.011)
Vinyl Chloride	ND(0.0051)	ND(0.0052)	NA	0.011 J	NA	NA	ND(0.0054)
Xylenes (total)	ND(0.0051)	NA	NA	NA	NA	NA	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.34)	NA	0.036 J	NA	1.3	ND(0.38)	NA
1,2,4-Trichlorobenzene	ND(0.34)	NA	0.31 J	NA	0.78 J	ND(0.38)	NA
1,2-Dichlorobenzene	ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
1,2-Diphenylhydrazine	ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
1,3,5-Trinitrobenzene	ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
1,3-Dichlorobenzene	ND(0.34)	NA	ND(0.35)	NA	0.46 J	ND(0.38)	NA
1,3-Dinitrobenzene	ND(0.68)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
1,4-Dichlorobenzene	ND(0.34)	NA	ND(0.35)	NA	4.3	ND(0.38)	NA
1,4-Naphthoquinone	ND(0.68)	NA	ND(1.8)	NA	ND(4.1)	ND(1.9)	NA
1-Naphthylamine	ND(0.68)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-20	J9-23-20	J9-23-20	J9-23-20	J9-23-20	J9-23-20	J9-23-20
Sample ID:	J9-23-20-F-14	J9-23-20-F-14	J9-23-20-F-14	J9-23-20-F-14	J9-23-20-F-14	J9-23-20-H-14	J9-23-20-H-14
Sample Depth(Feet):	0-1	3-4	3-6	10-12	10-15	6-15	10-12
Parameter Date Collected:	08/19/02	03/14/01	03/14/01	03/14/01	03/14/01	03/13/01	03/13/01
Semivolatile Organics (continued)							
2,3,4,6-Tetrachlorophenol	ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
2,4,5-Trichlorophenol	ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
2,4,6-Trichlorophenol	ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
2,4-Dichlorophenol	ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
2,4-Dimethylphenol	ND(0.34)	NA	ND(0.35)	NA	0.18 J	ND(0.38)	NA
2,4-Dinitrophenol	ND(1.7)	NA	ND(1.8) J	NA	ND(4.1)	ND(1.9)	NA
2,4-Dinitrotoluene	ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
2,6-Dichlorophenol	ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
2,6-Dinitrotoluene	ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
2-Acetylaminofluorene	ND(0.68)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
2-Chloronaphthalene	ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
2-Chlorophenol	ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
2-Methylnaphthalene	ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
2-Methylphenol	ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
2-Naphthylamine	ND(0.68)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
2-Nitroaniline	ND(1.7)	NA	ND(1.8)	NA	ND(4.1)	ND(1.9)	NA
2-Nitrophenol	ND(0.68)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
2-Picoline	ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
3&4-Methylphenol	ND(0.68)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
3,3'-Dichlorobenzidine	ND(0.68)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
3,3'-Dimethylbenzidine	ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
3-Methylcholanthrene	ND(0.68)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
3-Nitroaniline	ND(1.7)	NA	ND(1.8)	NA	ND(4.1)	ND(1.9)	NA
4,6-Dinitro-2-methylphenol	ND(0.34)	NA	ND(1.8)	NA	ND(4.1)	ND(1.9)	NA
4-Aminobiphenyl	ND(0.68)	NA	ND(1.8)	NA	ND(4.1)	ND(1.9)	NA
4-Bromophenyl-phenylether	ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
4-Chloro-3-Methylphenol	ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
4-Chloroaniline	ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38) J	NA
4-Chlorobenzilate	ND(0.68)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
4-Chlorophenyl-phenylether	ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
4-Nitroaniline	ND(1.7)	NA	ND(1.8)	NA	ND(4.1)	ND(1.9)	NA
4-Nitrophenol	ND(1.7)	NA	ND(1.8)	NA	ND(4.1)	ND(1.9)	NA
4-Nitroquinoline-1-oxide	ND(0.68) J	NA	ND(1.8)	NA	ND(4.1)	ND(1.9)	NA
4-Phenylenediamine	ND(0.68) J	NA	ND(1.8) J	NA	ND(4.1)	ND(1.9) J	NA
5-Nitro-o-toluidine	ND(0.68)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
7,12-Dimethylbenz(a)anthracene	ND(0.68)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
a,a'-Dimethylphenethylamine	ND(0.68)	NA	ND(1.8)	NA	ND(4.1)	ND(1.9)	NA
Acenaphthene	ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
Acenaphthylene	ND(0.34)	NA	0.052 J	NA	0.13 J	ND(0.38)	NA
Acetophenone	ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
Aniline	ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38) J	NA
Anthracene	0.13 J	NA	0.063 J	NA	0.16 J	ND(0.38)	NA
Aramite	ND(0.68)	NA	ND(1.8)	NA	ND(4.1)	ND(1.9)	NA
Benzidine	ND(0.68)	NA	ND(3.5) J	NA	ND(8.0)	ND(3.8)	NA
Benzo(a)anthracene	0.71	NA	0.16 J	NA	0.50 J	ND(0.38)	NA
Benzo(a)pyrene	0.41 J	NA	0.23 J	NA	0.78 J	ND(0.38)	NA
Benzo(b)fluoranthene	1.0 J	NA	0.29 J	NA	0.64 J	ND(0.38)	NA
Benzo(g,h,i)perylene	0.68 J	NA	0.22 J	NA	0.67 J	ND(0.38)	NA
Benzo(k)fluoranthene	0.64 J	NA	0.29 J	NA	0.61 J	ND(0.38)	NA
Benzyl Alcohol	ND(0.68)	NA	ND(1.8)	NA	ND(4.1)	ND(1.9)	NA
bis(2-Chloroethoxy)methane	ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
bis(2-Chloroethyl)ether	ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
bis(2-Chloroisopropyl)ether	ND(0.34)	NA	ND(0.35)	NA	ND(0.80) J	ND(0.38)	NA
bis(2-Ethylhexyl)phthalate	2.0	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
Butylbenzylphthalate	0.87	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
Chrysene	1.2	NA	0.22 J	NA	0.60 J	ND(0.38)	NA
Diallate	ND(0.68)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
Dibenzo(a,h)anthracene	ND(0.34)	NA	0.075 J	NA	0.26 J	ND(0.38)	NA
Dibenzofuran	ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
Diethylphthalate	ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
Dimethoate	NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate	ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
Di-n-Butylphthalate	ND(0.34)	NA	ND(0.35)	NA	ND(0.35)	ND(0.38)	NA
Di-n-Octylphthalate	ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
Diphenylamine	ND(0.34) J	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
Disulfoton	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	J9-23-20	J9-23-20	J9-23-20	J9-23-20	J9-23-20	J9-23-20	J9-23-20
	Sample ID:	J9-23-20-F-14	J9-23-20-F-14	J9-23-20-F-14	J9-23-20-F-14	J9-23-20-F-14	J9-23-20-H-14	J9-23-20-H-14
	Sample Depth(Feet):	0-1	3-4	3-6	10-12	10-15	6-15	10-12
	Date Collected:	08/19/02	03/14/01	03/14/01	03/14/01	03/14/01	03/13/01	03/13/01
Semivolatile Organics (continued)								
Fluoranthene		1.8	NA	0.34 J	NA	ND(0.80)	ND(0.38)	NA
Fluorene		ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
Hexachlorobenzene		ND(0.34) J	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
Hexachlorobutadiene		ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
Hexachlorocyclopentadiene		ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
Hexachloroethane		ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
Hexachlorophene		ND(0.68)	NA	ND(0.54) J	NA	ND(1.2) J	ND(0.57) J	NA
Hexachloropropene		ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
Indeno(1,2,3-cd)pyrene		ND(0.34)	NA	0.18 J	NA	0.57 J	ND(0.38)	NA
Isodrin		ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
Isophorone		ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
Isosafrole		ND(0.68)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
Methapyrilene		ND(0.68) J	NA	ND(1.8)	NA	ND(4.1)	ND(1.9)	NA
Methyl Methanesulfonate		ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
Methyl Parathion		NA	NA	NA	NA	NA	NA	NA
Naphthalene		ND(0.34)	NA	ND(0.35)	NA	0.098 J	ND(0.38)	NA
Nitrobenzene		ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
N-Nitrosodiethylamine		ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
N-Nitrosodimethylamine		ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
N-Nitroso-di-n-butylamine		ND(0.68)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
N-Nitroso-di-n-propylamine		ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
N-Nitrosodiphenylamine		ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
N-Nitrosomethylethylamine		ND(0.68)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
N-Nitrosomorpholine		ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
N-Nitrosopiperidine		ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
N-Nitrosopyrrolidine		ND(0.68) J	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
o,o,o-Triethylphosphorothioate		ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
o-Toluidine		ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
p-Dimethylaminoazobenzene		ND(0.68)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
Pentachlorobenzene		ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
Pentachloroethane		ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
Pentachloronitrobenzene		ND(0.68)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
Pentachlorophenol		ND(1.7)	NA	ND(1.8)	NA	ND(4.1)	ND(1.9)	NA
Phenacetin		ND(0.68)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
Phenanthrene		0.78	NA	0.25 J	NA	0.39 J	ND(0.38)	NA
Phenol		ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
Phorate		NA	NA	NA	NA	NA	NA	NA
Pronamide		ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
Pyrene		1.9	NA	0.40	NA	0.91	ND(0.38)	NA
Pyridine		ND(0.34)	NA	ND(1.8)	NA	ND(4.1)	ND(1.9)	NA
Safrole		ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
Sulfotep		NA	NA	NA	NA	NA	NA	NA
Thionazin		ND(0.34)	NA	ND(0.35)	NA	ND(0.80)	ND(0.38)	NA
Organochlorine Pesticides								
4,4'-DDD		NA	NA	NA	NA	NA	NA	NA
4,4'-DDE		NA	NA	NA	NA	NA	NA	NA
4,4'-DDT		NA	NA	NA	NA	NA	NA	NA
Aldrin		NA	NA	NA	NA	NA	NA	NA
Alpha-BHC		NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane		NA	NA	NA	NA	NA	NA	NA
Beta-BHC		NA	NA	NA	NA	NA	NA	NA
Delta-BHC		NA	NA	NA	NA	NA	NA	NA
Dieldrin		NA	NA	NA	NA	NA	NA	NA
Endosulfan I		NA	NA	NA	NA	NA	NA	NA
Endosulfan II		NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate		NA	NA	NA	NA	NA	NA	NA
Endrin		NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde		NA	NA	NA	NA	NA	NA	NA
Endrin Ketone		NA	NA	NA	NA	NA	NA	NA
Famphur		NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)		NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane		NA	NA	NA	NA	NA	NA	NA
Heptachlor		NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide		NA	NA	NA	NA	NA	NA	NA
Kepone		NA	NA	NA	NA	NA	NA	NA
Methoxychlor		NA	NA	NA	NA	NA	NA	NA
Technical Chlordane		NA	NA	NA	NA	NA	NA	NA
Toxaphene		NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	J9-23-20 / J9-23-20-F-14 / 0-1 / 08/19/02	J9-23-20 / J9-23-20-F-14 / 3-4 / 03/14/01	J9-23-20 / J9-23-20-F-14 / 3-6 / 03/14/01	J9-23-20 / J9-23-20-F-14 / 10-12 / 03/14/01	J9-23-20 / J9-23-20-F-14 / 10-15 / 03/14/01	J9-23-20 / J9-23-20-H-14 / 6-15 / 03/13/01	J9-23-20 / J9-23-20-H-14 / 10-12 / 03/13/01
Herbicides							
2,4,5-T	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	0.0000084 Y	NA	0.00016	NA	0.0062 J	ND(0.00000021)	NA
TCDFs (total)	0.000058	NA	0.00093	NA	0.043	ND(0.00000021)	NA
1,2,3,7,8-PeCDF	0.0000050 J	NA	0.000045	NA	0.0031 J	ND(0.00000020)	NA
2,3,4,7,8-PeCDF	0.000013 J	NA	0.000078	NA	0.0028 J	ND(0.00000019)	NA
PeCDFs (total)	0.00012	NA	0.0011	NA	0.037	ND(0.00000019)	NA
1,2,3,4,7,8-HxCDF	0.000014 J	NA	0.00033	NA	0.015 J	ND(0.00000016)	NA
1,2,3,6,7,8-HxCDF	0.0000078 J	NA	0.00011	NA	0.0077 J	ND(0.00000018)	NA
1,2,3,7,8,9-HxCDF	0.0000020 J	NA	0.000057	NA	0.0031 J	ND(0.00000021)	NA
2,3,4,6,7,8-HxCDF	0.0000090 J	NA	0.00013	NA	0.0018 J	ND(0.00000019)	NA
HxCDFs (total)	0.00012	NA	0.0018	NA	0.044	ND(0.00000018)	NA
1,2,3,4,6,7,8-HpCDF	0.000020	NA	0.00057 D	NA	0.0089 J	ND(0.00000026)	NA
1,2,3,4,7,8,9-HpCDF	0.0000029 J	NA	0.00020	NA	0.0042 J	ND(0.00000033)	NA
HpCDFs (total)	0.000040	NA	0.0015	NA	0.018	ND(0.00000026)	NA
OCDF	0.000027 J	NA	0.00077	NA	0.0057 J	ND(0.00000078)	NA
Dioxins							
2,3,7,8-TCDD	ND(0.00000078)	NA	0.0000043	NA	ND(0.0000068) X	ND(0.00000021)	NA
TCDDs (total)	ND(0.00000078)	NA	0.000078	NA	0.00022	ND(0.00000021)	NA
1,2,3,7,8-PeCDD	0.0000015 J	NA	0.000040	NA	ND(0.0000067)	ND(0.00000017)	NA
PeCDDs (total)	0.0000056	NA	0.00022	NA	0.000059	ND(0.00000017)	NA
1,2,3,4,7,8-HxCDD	0.0000010 J	NA	0.000059	NA	0.000039	ND(0.00000027)	NA
1,2,3,6,7,8-HxCDD	0.0000026 J	NA	0.000073	NA	0.000089	ND(0.00000030)	NA
1,2,3,7,8,9-HxCDD	0.0000016 J	NA	0.000045	NA	ND(0.000082) X	ND(0.00000028)	NA
HxCDDs (total)	0.000022	NA	0.00082	NA	0.00087	ND(0.00000030)	NA
1,2,3,4,6,7,8-HpCDD	0.000016 J	NA	0.00073 D	NA	0.00079 J	ND(0.00000038)	NA
HpCDDs (total)	0.000028	NA	0.0013	NA	0.0015	ND(0.00000038)	NA
OCDD	0.000094	NA	0.0023 D	NA	0.0015 J	ND(0.00000084)	NA
Total TEQs (WHO TEFs)	0.000014	NA	0.00020	NA	0.00079 J	0.00000034	NA
Inorganics							
Antimony	ND(6.00)	NA	1.20	NA	2.70	ND(0.0600) J	NA
Arsenic	5.20	NA	3.80	NA	7.40	2.70	NA
Barium	37.0	NA	97.8	NA	263	10.1	NA
Beryllium	0.140 B	NA	ND(0.0200)	NA	ND(0.0500)	ND(0.0200)	NA
Cadmium	0.600	NA	0.150 B	NA	0.960 B	ND(5.70)	NA
Chromium	7.00	NA	7.30	NA	25.6	5.10	NA
Cobalt	11.0	NA	6.00	NA	10.1 B	9.00	NA
Copper	35.0	NA	242	NA	268	14.5	NA
Cyanide	0.110	NA	ND(1.07)	NA	ND(2.43)	ND(1.14)	NA
Lead	29.0	NA	31.6	NA	481	ND(6.90) J	NA
Mercury	0.410 J	NA	0.100	NA	0.210	0.0100 B	NA
Nickel	15.0	NA	12.6	NA	27.9	14.1	NA
Selenium	ND(1.00)	NA	0.320 B	NA	0.670 B	0.170 B	NA
Silver	ND(1.00)	NA	ND(0.100)	NA	0.800 B	ND(0.100)	NA
Sulfide	44.0 J	NA	ND(21.5)	NA	357	ND(22.8)	NA
Thallium	ND(1.50)	NA	ND(0.440)	NA	ND(0.990)	ND(0.160)	NA
Tin	ND(10)	NA	ND(10.5)	NA	88.6 B	ND(1.00) J	NA
Vanadium	5.50	NA	9.10	NA	21.5	9.90	NA
Zinc	52.0	NA	62.1 J	NA	343 J	36.7	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	J9-23-20 / J9-23-20-J-14 / 1-3 / 03/12/01	J9-23-20 / J9-23-20-J-14 / 3-6 / 03/12/01	J9-23-20 / J9-23-20-K-14 / 0-1 / 03/12/01	J9-23-21 / J9-23-21-D-15 / 0-1 / 08/19/02	J9-23-21 / J9-23-21-D-15 / 1-3 / 08/19/02	J9-23-21 / J9-23-21-D-15 / 3-6 / 08/19/02	J9-23-21 / J9-23-21-D-15 / 4-6 / 08/19/02
Volatile Organics							
1,1,1,2-Tetrachloroethane	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
1,1,1-Trichloroethane	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
1,1,2,2-Tetrachloroethane	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
1,1,2-Trichloroethane	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
1,1-Dichloroethane	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
1,1-Dichloroethene	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
1,2,3-Trichloropropane	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
1,2-Dibromo-3-chloropropane	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
1,2-Dibromoethane	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
1,2-Dichloroethane	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
1,2-Dichloropropane	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
1,4-Dioxane	ND(1.1) J	ND(1.1) J	ND(1.1) J	ND(0.10) J	ND(0.11) J	NA	ND(0.11) J
2-Butanone	ND(0.011)	ND(0.011)	ND(0.011) J	ND(0.010)	ND(0.011)	NA	ND(0.011)
2-Chloro-1,3-butadiene	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
2-Chloroethylvinylether	ND(0.011)	ND(0.011)	ND(0.011) J	ND(0.0052) J	ND(0.0055) J	NA	ND(0.0055) J
2-Hexanone	ND(0.011)	ND(0.011)	ND(0.011) J	ND(0.010)	ND(0.011)	NA	ND(0.011)
3-Chloropropene	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
4-Methyl-2-pentanone	ND(0.011)	ND(0.011)	ND(0.011) J	ND(0.010)	ND(0.011)	NA	ND(0.011)
Acetone	ND(0.021)	ND(0.023)	ND(0.022) J	ND(0.021)	ND(0.022)	NA	ND(0.022)
Acetonitrile	ND(0.11) J	ND(0.11) J	ND(0.11) J	ND(0.10)	ND(0.11)	NA	ND(0.11)
Acrolein	ND(0.11)	ND(0.11)	ND(0.11) J	ND(0.10) J	ND(0.11) J	NA	ND(0.11) J
Acrylonitrile	ND(0.11)	ND(0.11)	ND(0.11) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
Benzene	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
Bromodichloromethane	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
Bromoform	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
Bromomethane	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
Carbon Disulfide	ND(0.011)	ND(0.011)	ND(0.011) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
Carbon Tetrachloride	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
Chlorobenzene	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
Chloroethane	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
Chloroform	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
Chloromethane	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
cis-1,3-Dichloropropene	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
Dibromochloromethane	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
Dibromomethane	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
Dichlorodifluoromethane	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
Ethyl Methacrylate	ND(0.011)	ND(0.011)	ND(0.011) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
Ethylbenzene	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
Iodomethane	ND(0.011)	ND(0.011)	ND(0.011) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
Isobutanol	ND(0.21) J	ND(0.23) J	ND(0.22) J	ND(0.10)	ND(0.11)	NA	ND(0.11)
m&p-Xylene	ND(0.0053)	ND(0.0057)	ND(0.0055) J	NA	NA	NA	NA
Methacrylonitrile	ND(0.11)	ND(0.11)	ND(0.11) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
Methyl Methacrylate	ND(0.011)	ND(0.011)	ND(0.011) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
Methylene Chloride	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
o-Xylene	ND(0.0053)	ND(0.0057)	ND(0.0055) J	NA	NA	NA	NA
Propionitrile	ND(0.11)	ND(0.11)	ND(0.11) J	ND(0.010)	ND(0.011)	NA	ND(0.011)
Styrene	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
Tetrachloroethene	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
Toluene	0.0026 J	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
trans-1,2-Dichloroethene	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
trans-1,3-Dichloropropene	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
trans-1,4-Dichloro-2-butene	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
Trichloroethene	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
Trichlorofluoromethane	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
Vinyl Acetate	ND(0.011)	ND(0.011)	ND(0.011) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
Vinyl Chloride	ND(0.0053)	ND(0.0057)	ND(0.0055) J	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
Xylenes (total)	NA	NA	NA	ND(0.0052)	ND(0.0055)	NA	ND(0.0055)
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
1,2,4-Trichlorobenzene	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	0.092 J	ND(0.37)	NA
1,2-Dichlorobenzene	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
1,2-Diphenylhydrazine	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
1,3,5-Trinitrobenzene	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
1,3-Dichlorobenzene	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
1,3-Dinitrobenzene	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.69)	ND(0.73)	ND(0.74)	NA
1,4-Dichlorobenzene	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
1,4-Naphthoquinone	ND(1.8)	ND(1.9)	ND(3.7)	ND(0.69)	ND(0.73)	ND(0.74)	NA
1-Naphthylamine	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.69)	ND(0.73)	ND(0.74)	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	J9-23-20 / J9-23-20-J-14 / 1-3 / 03/12/01	J9-23-20 / J9-23-20-J-14 / 3-6 / 03/12/01	J9-23-20 / J9-23-20-K-14 / 0-1 / 03/12/01	J9-23-21 / J9-23-21-D-15 / 0-1 / 08/19/02	J9-23-21 / J9-23-21-D-15 / 1-3 / 08/19/02	J9-23-21 / J9-23-21-D-15 / 3-6 / 08/19/02	J9-23-21 / J9-23-21-D-15 / 4-6 / 08/19/02
Semivolatile Organics (continued)							
2,3,4,6-Tetrachlorophenol	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
2,4,5-Trichlorophenol	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
2,4,6-Trichlorophenol	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
2,4-Dichlorophenol	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
2,4-Dimethylphenol	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
2,4-Dinitrophenol	ND(1.8)	ND(1.9)	ND(3.7)	ND(1.8)	ND(1.8)	ND(1.9)	NA
2,4-Dinitrotoluene	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
2,6-Dichlorophenol	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
2,6-Dinitrotoluene	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
2-Acetylaminofluorene	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.69)	ND(0.73)	ND(0.74)	NA
2-Chloronaphthalene	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
2-Chlorophenol	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
2-Methylnaphthalene	ND(0.35)	ND(0.38)	ND(0.72)	0.78	ND(0.36)	ND(0.37)	NA
2-Methylphenol	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
2-Naphthylamine	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.69)	ND(0.73)	ND(0.74)	NA
2-Nitroaniline	ND(1.8)	ND(1.9)	ND(3.7)	ND(1.8)	ND(1.8)	ND(1.9)	NA
2-Nitrophenol	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.69)	ND(0.73)	ND(0.74)	NA
2-Picoline	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
3&4-Methylphenol	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.69)	ND(0.73)	ND(0.74)	NA
3,3'-Dichlorobenzidine	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.69)	ND(0.73)	ND(0.74)	NA
3,3'-Dimethylbenzidine	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36) J	ND(0.37) J	NA
3-Methylcholanthrene	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.69)	ND(0.73)	ND(0.74)	NA
3-Nitroaniline	ND(1.8)	ND(1.9)	ND(3.7)	ND(1.8)	ND(1.8) J	ND(1.9) J	NA
4,6-Dinitro-2-methylphenol	ND(1.8)	ND(1.9)	ND(3.7)	ND(0.34)	ND(0.36)	ND(0.37)	NA
4-Aminobiphenyl	ND(1.8)	ND(1.9)	ND(3.7)	ND(0.69)	ND(0.73) J	ND(0.74) J	NA
4-Bromophenyl-phenylether	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
4-Chloro-3-Methylphenol	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
4-Chloroaniline	R	R	R	ND(0.34)	ND(0.36)	ND(0.37)	NA
4-Chlorobenzilate	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.69)	ND(0.73)	ND(0.74)	NA
4-Chlorophenyl-phenylether	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
4-Nitroaniline	ND(1.8)	ND(1.9)	ND(3.7)	ND(1.8)	ND(1.8) J	ND(1.9) J	NA
4-Nitrophenol	ND(1.8)	ND(1.9)	ND(3.7)	ND(1.8)	ND(1.8)	ND(1.9)	NA
4-Nitroquinoline-1-oxide	ND(1.8)	ND(1.9)	ND(3.7)	ND(0.69) J	ND(0.73) J	ND(0.74) J	NA
4-Phenylenediamine	ND(1.8) J	ND(1.9) J	ND(3.7) J	ND(0.69) J	ND(0.73) J	ND(0.74) J	NA
5-Nitro-o-toluidine	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.69)	ND(0.73)	ND(0.74)	NA
7,12-Dimethylbenz(a)anthracene	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.69)	ND(0.73)	ND(0.74)	NA
a,a'-Dimethylphenethylamine	ND(1.8)	ND(1.9)	ND(3.7)	ND(0.69)	ND(0.73)	ND(0.74)	NA
Acenaphthene	ND(0.35)	ND(0.38)	ND(0.72)	4.9	ND(0.36)	ND(0.37)	NA
Acenaphthylene	ND(0.35)	ND(0.38)	ND(0.72)	0.31 J	ND(0.36)	ND(0.37)	NA
Acetophenone	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
Aniline	ND(0.35) J	ND(0.38) J	ND(0.72) J	0.28 J	ND(0.36)	ND(0.37)	NA
Anthracene	ND(0.35)	ND(0.38)	ND(0.72)	14 J	ND(0.36)	ND(0.37)	NA
Aramite	ND(1.8)	ND(1.9)	ND(3.7)	ND(0.69)	ND(0.73)	ND(0.74)	NA
Benzidine	ND(3.5)	ND(3.8)	ND(7.2)	ND(0.69)	ND(0.73)	ND(0.74)	NA
Benzo(a)anthracene	ND(0.35)	0.13 J	0.19 J	46	ND(0.36)	ND(0.37)	NA
Benzo(a)pyrene	ND(0.35)	0.12 J	0.25 J	28	ND(0.36)	ND(0.37)	NA
Benzo(b)fluoranthene	ND(0.35)	0.093 J	0.23 J	35	ND(0.36)	ND(0.37)	NA
Benzo(g,h,i)perylene	ND(0.35)	0.089 J	0.29 J	18	ND(0.36)	ND(0.37)	NA
Benzo(k)fluoranthene	ND(0.35)	0.11 J	0.22 J	27	ND(0.36)	ND(0.37)	NA
Benzyl Alcohol	ND(1.8)	ND(1.9)	ND(3.7)	ND(0.69)	ND(0.73)	ND(0.74)	NA
bis(2-Chloroethoxy)methane	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
bis(2-Chloroethyl)ether	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
bis(2-Chloroisopropyl)ether	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
bis(2-Ethylhexyl)phthalate	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.36)	NA
Butylbenzylphthalate	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
Chrysene	0.036 J	0.14 J	0.23 J	40	ND(0.36)	ND(0.37)	NA
Diallate	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.69)	ND(0.73)	ND(0.74)	NA
Dibenzo(a,h)anthracene	ND(0.35)	ND(0.38)	0.10 J	8.8	ND(0.36)	ND(0.37)	NA
Dibenzofuran	ND(0.35)	ND(0.38)	ND(0.72)	3.1	ND(0.36)	ND(0.37)	NA
Diethylphthalate	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
Dimethoate	NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
Di-n-Butylphthalate	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
Di-n-Octylphthalate	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
Diphenylamine	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34) J	ND(0.36)	ND(0.37)	NA
Disulfoton	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-20	J9-23-20	J9-23-20	J9-23-21	J9-23-21	J9-23-21	J9-23-21
Sample ID:	J9-23-20-J-14	J9-23-20-J-14	J9-23-20-K-14	J9-23-21-D-15	J9-23-21-D-15	J9-23-21-D-15	J9-23-21-D-15
Sample Depth(Feet):	1-3	3-6	0-1	0-1	1-3	3-6	4-6
Parameter Date Collected:	03/12/01	03/12/01	03/12/01	08/19/02	08/19/02	08/19/02	08/19/02
Semivolatile Organics (continued)							
Fluoranthene	0.044 J	0.26 J	0.34 J	66	0.094 J	ND(0.37)	NA
Fluorene	ND(0.35)	ND(0.38)	ND(0.72)	5.0	ND(0.36)	ND(0.37)	NA
Hexachlorobenzene	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34) J	ND(0.36)	ND(0.37)	NA
Hexachlorobutadiene	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
Hexachlorocyclopentadiene	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
Hexachloroethane	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
Hexachlorophene	ND(0.53) J	ND(0.57) J	ND(1.1) J	ND(0.69)	ND(0.73) J	ND(0.74) J	NA
Hexachloropropene	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36) J	ND(0.37) J	NA
Indeno(1,2,3-cd)pyrene	ND(0.35)	0.081 J	0.20 J	18	ND(0.36)	ND(0.37)	NA
Isodrin	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
Isophorone	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
Isosafrole	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.69)	ND(0.73)	ND(0.74)	NA
Methapyrilene	ND(1.8)	ND(1.9)	ND(3.7)	ND(0.69) J	ND(0.73)	ND(0.74)	NA
Methyl Methanesulfonate	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ND(0.35)	ND(0.38)	ND(0.72)	3.0	ND(0.36)	ND(0.37)	NA
Nitrobenzene	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
N-Nitrosodiethylamine	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
N-Nitrosodimethylamine	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
N-Nitroso-di-n-butylamine	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.69)	ND(0.73)	ND(0.74)	NA
N-Nitroso-di-n-propylamine	ND(0.35)	ND(0.38)	ND(0.72)	0.40	ND(0.36)	ND(0.37)	NA
N-Nitrosodiphenylamine	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
N-Nitrosomethylethylamine	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.69)	ND(0.73)	ND(0.74)	NA
N-Nitrosomorpholine	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36) J	ND(0.37) J	NA
N-Nitrosopiperidine	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
N-Nitrosopyrrolidine	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.69) J	ND(0.73)	ND(0.74)	NA
o,o,o-Triethylphosphorothioate	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
o-Toluidine	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
p-Dimethylaminoazobenzene	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.69)	ND(0.73)	ND(0.74)	NA
Pentachlorobenzene	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
Pentachloroethane	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
Pentachloronitrobenzene	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.69)	ND(0.73) J	ND(0.74) J	NA
Pentachlorophenol	ND(1.8)	ND(1.9)	ND(3.7)	ND(1.8)	ND(1.8)	ND(1.9)	NA
Phenacetin	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.69)	ND(0.73)	ND(0.74)	NA
Phenanthrene	ND(0.35)	0.17 J	0.11 J	56	ND(0.36)	ND(0.37)	NA
Phenol	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
Phorate	NA	NA	NA	NA	NA	NA	NA
Pronamide	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
Pyrene	0.055 J	0.25 J	0.29 J	120	0.12 J	ND(0.37)	NA
Pyridine	ND(1.8)	ND(1.9)	ND(3.7)	ND(0.34)	ND(0.36)	ND(0.37)	NA
Safrole	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
Sulfotep	NA	NA	NA	NA	NA	NA	NA
Thionazin	ND(0.35)	ND(0.38)	ND(0.72)	ND(0.34)	ND(0.36)	ND(0.37)	NA
Organochlorine Pesticides							
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	J9-23-20 / J9-23-20-J-14 / 1-3 / 03/12/01	J9-23-20 / J9-23-20-J-14 / 3-6 / 03/12/01	J9-23-20 / J9-23-20-K-14 / 0-1 / 03/12/01	J9-23-21 / J9-23-21-D-15 / 0-1 / 08/19/02	J9-23-21 / J9-23-21-D-15 / 1-3 / 08/19/02	J9-23-21 / J9-23-21-D-15 / 3-6 / 08/19/02	J9-23-21 / J9-23-21-D-15 / 4-6 / 08/19/02
Herbicides							
2,4,5-T	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	0.000023	0.000086	0.0000015 J	0.000043 Y	0.00024 Y	0.033 YEJ	NA
TCDFs (total)	0.00014	0.00051	0.0000047	0.000051	0.0019	0.23 I	NA
1,2,3,7,8-PeCDF	0.0000048	0.000018	ND(0.00000050)	0.000022 J	0.00018	0.023 EJ	NA
2,3,4,7,8-PeCDF	0.0000049	0.000017	ND(0.00000048)	0.000030	0.00029	0.047 EIJ	NA
PeCDFs (total)	0.000062	0.00019	0.00012 J	0.00024 Q	0.0024 I	0.32 I	NA
1,2,3,4,7,8-HxCDF	0.0000086	0.000033	ND(0.00000051)	0.000065	0.00056	0.078 EIJ	NA
1,2,3,6,7,8-HxCDF	0.0000040	0.000017	ND(0.00000050)	0.000034	0.00029	0.028 EIJ	NA
1,2,3,7,8,9-HxCDF	ND(0.00000075) JX	0.0000024 J	ND(0.00000063)	0.000012 J	0.000050	0.0064	NA
2,3,4,6,7,8-HxCDF	0.0000020 J	0.0000098	ND(0.00000056)	0.000022 J	0.00013	0.015 EJ	NA
HxCDFs (total)	0.000034	0.00013	0.000016 J	0.00051	0.0024	0.28 I	NA
1,2,3,4,6,7,8-HpCDF	0.0000072	0.000031	0.0000036 J	0.00015 Q	0.00053	0.054 EIJ	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000088)	0.0000058	ND(0.0000020)	0.000033	0.00010	0.018 EJ	NA
HpCDFs (total)	0.000010	0.000052	0.0000036 J	0.00047 Q	0.00085	0.090 I	NA
OCDF	ND(0.0000048) JX	0.000022	ND(0.000010)	0.00041	0.00070	0.045 EIJ	NA
Dioxins							
2,3,7,8-TCDD	ND(0.00000044)	ND(0.00000044)	ND(0.00000059)	ND(0.0000035)	0.0000030	0.00027	NA
TCDDs (total)	ND(0.00000044)	ND(0.00000044)	ND(0.00000059)	ND(0.0000035)	0.000055	0.0043	NA
1,2,3,7,8-PeCDD	ND(0.00000035)	ND(0.00000042) JX	ND(0.00000061)	0.0000038 J	0.0000097	0.0012	NA
PeCDDs (total)	ND(0.00000035)	ND(0.00000040)	ND(0.00000061)	0.000021 Q	0.00014	0.011	NA
1,2,3,4,7,8-HxCDD	ND(0.00000040)	ND(0.00000038)	ND(0.00000099)	ND(0.0000026) X	0.0000066	0.00083	NA
1,2,3,6,7,8-HxCDD	ND(0.00000046)	ND(0.00000043)	ND(0.00000088)	0.0000083 J	0.000013	0.0011	NA
1,2,3,7,8,9-HxCDD	ND(0.00000042)	ND(0.00000040)	ND(0.00000084)	0.0000056 J	0.000012	0.00099	NA
HxCDDs (total)	ND(0.00000046)	0.0000038	ND(0.00000088)	0.000069	0.00018	0.016	NA
1,2,3,4,6,7,8-HpCDD	ND(0.0000019) JX	0.0000046	0.0000031 J	0.00019	0.000049	0.0027	NA
HpCDDs (total)	ND(0.00000069)	0.0000046	0.0000063 J	0.00031	0.00010	0.0058	NA
OCDD	ND(0.0000051) X	0.000013	0.00034 J	0.0031	0.00012	0.0042	NA
Total TEQs (WHO TEFs)	0.0000071	0.000025	0.0000031 J	0.000045	0.00030	0.043	NA
Inorganics							
Antimony	ND(0.0600) J	ND(0.0600) J	0.130 J	1.30 B	0.930 B	ND(6.00)	NA
Arsenic	7.30	6.50	3.00	6.70	5.30	2.20	NA
Barium	23.3	21.1	40.3	23.0	28.0	31.0	NA
Beryllium	ND(0.0200)	ND(0.0200)	ND(0.0200)	ND(0.500)	ND(0.500)	0.150 B	NA
Cadmium	ND(2.50)	ND(1.90)	ND(8.50)	ND(0.500)	ND(0.500)	ND(0.500)	NA
Chromium	10.2	7.20	4.40	9.00	9.00	5.50	NA
Cobalt	13.4	9.60	7.30	8.00	8.80	7.10	NA
Copper	36.9	16.3	13.3	47.0	30.0	35.0	NA
Cyanide	ND(1.05)	ND(1.14)	ND(1.09)	ND(0.100)	ND(0.110)	ND(0.110)	NA
Lead	25.1	12.6	16.5	41.0	62.0	10.0	NA
Mercury	0.150	0.0400	0.0200 B	0.120 J	0.0920 J	0.560 J	NA
Nickel	22.4	15.5	13.0	14.0	15.0	25.0	NA
Selenium	0.450 B	0.250 B	0.280 B	ND(1.00)	ND(1.00)	ND(1.00)	NA
Silver	ND(0.100)	ND(0.110)	ND(0.100)	ND(1.00)	ND(1.00)	ND(1.00)	NA
Sulfide	ND(21.1)	ND(22.8)	ND(21.8)	20.0 J	21.0 J	39.0 J	NA
Thallium	ND(0.150)	ND(0.160)	ND(0.150)	ND(1.60)	ND(1.60)	ND(1.60)	NA
Tin	ND(0.970) J	ND(1.00) J	ND(0.980) J	ND(10)	ND(10)	ND(10)	NA
Vanadium	14.8	12.8	16.4	8.40	7.90	ND(5.00)	NA
Zinc	66.8	44.6	34.8	69.0	66.0	93.0	NA

TABLE B-2
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GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	J9-23-21 / J9-23-21-D-15 / 6-15 / 08/19/02	J9-23-21 / J9-23-21-D-15 / 12-15 / 08/19/02	J9-23-21 / J9-23-21-G-15 / 0-1 / 03/09/01	J9-23-21 / J9-23-21-I-15 / 0-1 / 03/12/01	J9-23-21 / J9-23-21-I-15 / 1-3 / 08/16/02
Volatile Organics					
1,1,1,2-Tetrachloroethane	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
1,1,1-Trichloroethane	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
1,1,2,2-Tetrachloroethane	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
1,1,2-Trichloroethane	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
1,1-Dichloroethane	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
1,1-Dichloroethene	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
1,2,3-Trichloropropane	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
1,2-Dibromo-3-chloropropane	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
1,2-Dibromoethane	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
1,2-Dichloroethane	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
1,2-Dichloropropane	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
1,4-Dioxane	NA	ND(0.14) J [ND(0.14) J]	ND(1.2) J	ND(1.2) J	ND(0.11) J
2-Butanone	NA	0.018 [ND(0.014)]	ND(0.012)	ND(0.012)	ND(0.011)
2-Chloro-1,3-butadiene	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
2-Chloroethylvinylether	NA	ND(0.0072) J [ND(0.0072) J]	ND(0.012)	ND(0.012)	ND(0.0054) J
2-Hexanone	NA	ND(0.014) [ND(0.014)]	ND(0.012)	ND(0.012)	ND(0.011)
3-Chloropropene	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
4-Methyl-2-pentanone	NA	ND(0.014) [ND(0.014)]	ND(0.012)	ND(0.012)	ND(0.011)
Acetone	NA	0.043 [0.024 J]	0.017 J	0.0075 J	ND(0.022)
Acetonitrile	NA	ND(0.14) [ND(0.14)]	ND(0.12) J	ND(0.12) J	ND(0.11)
Acrolein	NA	ND(0.14) J [ND(0.14) J]	ND(0.12)	ND(0.12)	ND(0.11) J
Acrylonitrile	NA	ND(0.0072) [ND(0.0072)]	ND(0.12)	ND(0.12)	ND(0.0054)
Benzene	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
Bromodichloromethane	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
Bromoform	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
Bromomethane	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
Carbon Disulfide	NA	ND(0.0072) [ND(0.0072)]	ND(0.012)	ND(0.012)	ND(0.0054)
Carbon Tetrachloride	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054) J
Chlorobenzene	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
Chloroethane	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
Chloroform	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
Chloromethane	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
cis-1,3-Dichloropropene	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
Dibromochloromethane	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
Dibromomethane	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
Dichlorodifluoromethane	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
Ethyl Methacrylate	NA	ND(0.0072) [ND(0.0072)]	ND(0.012)	ND(0.012)	ND(0.0054)
Ethylbenzene	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
Iodomethane	NA	ND(0.0072) [ND(0.0072)]	ND(0.012)	ND(0.012)	ND(0.0054)
Isobutanol	NA	ND(0.14) [ND(0.14)]	ND(0.24) J	ND(0.23) J	ND(0.11)
m&p-Xylene	NA	NA	ND(0.0060)	ND(0.0058)	NA
Methacrylonitrile	NA	ND(0.0072) [ND(0.0072)]	ND(0.12)	ND(0.12)	ND(0.0054)
Methyl Methacrylate	NA	ND(0.0072) [ND(0.0072)]	ND(0.012)	ND(0.012)	ND(0.0054)
Methylene Chloride	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
o-Xylene	NA	NA	ND(0.0060)	ND(0.0058)	NA
Propionitrile	NA	ND(0.014) [ND(0.014)]	ND(0.12)	ND(0.12)	ND(0.011) J
Styrene	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
Tetrachloroethene	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
Toluene	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
trans-1,2-Dichloroethene	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
trans-1,3-Dichloropropene	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
trans-1,4-Dichloro-2-butene	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
Trichloroethene	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
Trichlorofluoromethane	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
Vinyl Acetate	NA	ND(0.0072) [ND(0.0072)]	ND(0.012)	ND(0.012)	ND(0.0054)
Vinyl Chloride	NA	ND(0.0072) [ND(0.0072)]	ND(0.0060)	ND(0.0058)	ND(0.0054)
Xylenes (total)	NA	ND(0.0072) [ND(0.0072)]	NA	NA	ND(0.0054)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
1,2,4-Trichlorobenzene	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
1,2-Dichlorobenzene	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
1,2-Diphenylhydrazine	ND(0.77) J [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
1,3,5-Trinitrobenzene	ND(3.8) J [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
1,3-Dichlorobenzene	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
1,3-Dinitrobenzene	ND(0.97) [ND(0.96)]	NA	ND(0.40)	ND(0.39)	ND(0.72)
1,4-Dichlorobenzene	0.40 J [0.19 J]	NA	ND(0.40)	ND(0.39)	ND(0.36)
1,4-Naphthoquinone	ND(0.97) [ND(0.96)]	NA	ND(2.0)	ND(2.0)	ND(0.72)
1-Naphthylamine	ND(0.97) [ND(0.96)]	NA	ND(0.40)	ND(0.39)	ND(0.72)

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CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-21	J9-23-21	J9-23-21	J9-23-21	J9-23-21
Sample ID:	J9-23-21-D-15	J9-23-21-D-15	J9-23-21-G-15	J9-23-21-I-15	J9-23-21-I-15
Sample Depth(Feet):	6-15	12-15	0-1	0-1	1-3
Parameter Date Collected:	08/19/02	08/19/02	03/09/01	03/12/01	08/16/02
Semivolatile Organics (continued)					
2,3,4,6-Tetrachlorophenol	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
2,4,5-Trichlorophenol	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
2,4,6-Trichlorophenol	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
2,4-Dichlorophenol	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
2,4-Dimethylphenol	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
2,4-Dinitrophenol	ND(3.8) [ND(2.4)]	NA	ND(2.0)	ND(2.0)	ND(1.8)
2,4-Dinitrotoluene	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
2,6-Dichlorophenol	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
2,6-Dinitrotoluene	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
2-Acetylaminofluorene	ND(0.97) [ND(0.96)]	NA	ND(0.40)	ND(0.39)	ND(0.72)
2-Chloronaphthalene	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
2-Chlorophenol	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
2-Methylnaphthalene	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
2-Methylphenol	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
2-Naphthylamine	ND(0.97) [ND(0.96)]	NA	ND(0.40)	ND(0.39)	ND(0.72)
2-Nitroaniline	ND(3.8) [ND(2.4)]	NA	ND(2.0)	ND(2.0)	ND(1.8)
2-Nitrophenol	ND(0.97) [ND(0.96)]	NA	ND(0.40)	ND(0.39)	ND(0.72)
2-Picoline	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
3&4-Methylphenol	ND(0.97) [ND(0.96)]	NA	ND(0.40)	ND(0.39)	ND(0.72)
3,3'-Dichlorobenzidine	ND(1.5) [ND(0.96)]	NA	ND(0.40)	ND(0.39)	ND(0.72)
3,3'-Dimethylbenzidine	ND(0.97) J [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
3-Methylcholanthrene	ND(0.97) [ND(0.96)]	NA	ND(0.40)	ND(0.39)	ND(0.72)
3-Nitroaniline	ND(3.8) [ND(2.4)]	NA	ND(2.0)	ND(2.0)	ND(1.8)
4,6-Dinitro-2-methylphenol	ND(0.77) [ND(0.48)]	NA	ND(2.0)	ND(2.0)	ND(0.36)
4-Aminobiphenyl	ND(2.5) J [ND(0.96)]	NA	ND(2.0)	ND(2.0)	ND(0.72)
4-Bromophenyl-phenylether	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
4-Chloro-3-Methylphenol	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
4-Chloroaniline	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
4-Chlorobenzilate	ND(0.97) J [ND(0.96)]	NA	ND(0.40)	ND(0.39)	ND(0.72)
4-Chlorophenyl-phenylether	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
4-Nitroaniline	ND(2.5) [ND(2.4)]	NA	ND(2.0)	ND(2.0)	ND(1.8)
4-Nitrophenol	ND(3.8) [ND(2.4)]	NA	ND(2.0)	ND(2.0)	ND(1.8)
4-Nitroquinoline-1-oxide	ND(0.97) [ND(0.96) J]	NA	ND(2.0)	ND(2.0)	ND(0.72)
4-Phenylenediamine	ND(0.97) J [ND(0.96) J]	NA	ND(2.0) J	ND(2.0) J	ND(0.72) J
5-Nitro-o-toluidine	ND(0.97) [ND(0.96)]	NA	ND(0.40)	ND(0.39)	ND(0.72)
7,12-Dimethylbenz(a)anthracene	ND(0.97) [ND(0.96)]	NA	ND(0.40)	ND(0.39)	ND(0.72)
a,a'-Dimethylphenethylamine	ND(0.97) [ND(0.96)]	NA	ND(2.0)	ND(2.0)	ND(0.72)
Acenaphthene	ND(0.77) [ND(0.48)]	NA	0.21 J	ND(0.39)	ND(0.36)
Acenaphthylene	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
Acetophenone	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
Aniline	0.25 J [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
Anthracene	ND(0.77) [ND(0.48)]	NA	0.43	ND(0.39)	ND(0.36)
Aramite	ND(1.5) J [ND(0.96)]	NA	ND(2.0)	ND(2.0)	ND(0.72) J
Benzidine	ND(0.77) J [ND(0.96)]	NA	ND(4.0)	ND(3.9)	ND(0.72)
Benzo(a)anthracene	ND(0.77) [ND(0.48)]	NA	1.5	0.10 J	0.25 J
Benzo(a)pyrene	ND(0.77) [ND(0.48)]	NA	1.4	0.12 J	0.27 J
Benzo(b)fluoranthene	ND(0.77) [ND(0.48)]	NA	1.1	0.091 J	0.22 J
Benzo(g,h,i)perylene	ND(0.77) [ND(0.48)]	NA	1.1	0.10 J	0.17 J
Benzo(k)fluoranthene	ND(0.77) [ND(0.48)]	NA	1.2	0.11 J	0.21 J
Benzyl Alcohol	ND(1.5) [ND(0.96)]	NA	ND(2.0)	ND(2.0)	ND(0.72)
bis(2-Chloroethoxy)methane	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
bis(2-Chloroethyl)ether	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
bis(2-Chloroisopropyl)ether	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
bis(2-Ethylhexyl)phthalate	ND(0.48) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
Butylbenzylphthalate	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
Chrysene	0.16 J [ND(0.48)]	NA	1.6	0.13 J	0.29 J
Diallate	ND(0.77) J [ND(0.96)]	NA	ND(0.40)	ND(0.39)	ND(0.72)
Dibenzo(a,h)anthracene	ND(0.77) [ND(0.48)]	NA	0.40 J	ND(0.39)	ND(0.36)
Dibenzofuran	ND(0.77) [ND(0.48)]	NA	0.088 J	ND(0.39)	ND(0.36)
Diethylphthalate	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
Dimethoate	NA	NA	NA	NA	NA
Dimethylphthalate	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
Di-n-Butylphthalate	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
Di-n-Octylphthalate	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
Diphenylamine	ND(0.77) [ND(0.48) J]	NA	ND(0.40)	ND(0.39)	ND(0.36)
Disulfoton	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
Ethyl Parathion	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	J9-23-21 / J9-23-21-D-15 / 6-15 / 08/19/02	J9-23-21 / J9-23-21-D-15 / 12-15 / 08/19/02	J9-23-21 / J9-23-21-G-15 / 0-1 / 03/09/01	J9-23-21 / J9-23-21-I-15 / 0-1 / 03/12/01	J9-23-21 / J9-23-21-I-15 / 1-3 / 08/16/02
Semivolatile Organics (continued)					
Fluoranthene	ND(0.77) [ND(0.48)]	NA	3.2	0.19 J	0.45
Fluorene	ND(0.77) [ND(0.48)]	NA	0.19 J	ND(0.39)	ND(0.36)
Hexachlorobenzene	ND(0.77) [ND(0.48) J]	NA	ND(0.40)	ND(0.39)	ND(0.36)
Hexachlorobutadiene	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
Hexachlorocyclopentadiene	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
Hexachloroethane	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
Hexachlorophene	ND(1.5) [ND(0.96)]	NA	ND(0.60) J	ND(0.58) J	ND(0.72)
Hexachloropropene	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
Indeno(1,2,3-cd)pyrene	ND(0.77) [ND(0.48)]	NA	0.96	0.087 J	0.11 J
Isodrin	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
Isophorone	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
Isosafrole	ND(0.97) [ND(0.96)]	NA	ND(0.40)	ND(0.39)	ND(0.72)
Methapyrilene	ND(0.97) J [ND(0.96) J]	NA	ND(2.0)	ND(2.0)	ND(0.72)
Methyl Methanesulfonate	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
Methyl Parathion	NA	NA	NA	NA	NA
Naphthalene	ND(0.77) [ND(0.48)]	NA	0.040 J	ND(0.39)	ND(0.36)
Nitrobenzene	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
N-Nitrosodiethylamine	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
N-Nitrosodimethylamine	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
N-Nitroso-di-n-butylamine	ND(0.97) [ND(0.96)]	NA	ND(0.40)	ND(0.39)	ND(0.72)
N-Nitroso-di-n-propylamine	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
N-Nitrosodiphenylamine	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
N-Nitrosomethylethylamine	ND(0.97) [ND(0.96)]	NA	ND(0.40)	ND(0.39)	ND(0.72)
N-Nitrosomorpholine	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
N-Nitrosopiperidine	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
N-Nitrosopyrrolidine	ND(0.97) [ND(0.96) J]	NA	ND(0.40)	ND(0.39)	ND(0.72)
o,o,o-Triethylphosphorothioate	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
o-Toluidine	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
p-Dimethylaminoazobenzene	ND(0.97) [ND(0.96)]	NA	ND(0.40)	ND(0.39)	ND(0.72) J
Pentachlorobenzene	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
Pentachloroethane	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
Pentachloronitrobenzene	ND(0.97) [ND(0.96)]	NA	ND(0.40)	ND(0.39)	ND(0.72) J
Pentachlorophenol	ND(3.8) [ND(2.4)]	NA	ND(2.0)	ND(2.0)	ND(1.8)
Phenacetin	ND(0.97) [ND(0.96)]	NA	ND(0.40)	ND(0.39)	ND(0.72)
Phenanthrene	ND(0.77) [ND(0.48)]	NA	2.0	0.081 J	0.21 J
Phenol	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
Phorate	NA	NA	NA	NA	NA
Pronamide	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
Pyrene	0.24 J [0.14 J]	NA	2.8	0.17 J	0.78 J
Pyridine	ND(0.77) [ND(0.48)]	NA	ND(2.0)	ND(2.0)	ND(0.36)
Safrole	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
Sulfotep	NA	NA	NA	NA	NA
Thionazin	ND(0.77) [ND(0.48)]	NA	ND(0.40)	ND(0.39)	ND(0.36)
Organochlorine Pesticides					
4,4'-DDD	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA

TABLE B-2
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CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	Parcel ID:	J9-23-21	J9-23-21	J9-23-21	J9-23-21	J9-23-21
	Sample ID:	J9-23-21-D-15	J9-23-21-D-15	J9-23-21-G-15	J9-23-21-I-15	J9-23-21-I-15
	Sample Depth(Feet):	6-15	12-15	0-1	0-1	1-3
	Date Collected:	08/19/02	08/19/02	03/09/01	03/12/01	08/16/02
Herbicides						
2,4,5-T		NA	NA	NA	NA	NA
2,4,5-TP		NA	NA	NA	NA	NA
2,4-D		NA	NA	NA	NA	NA
Dinoseb		NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF		0.00015 YJ [0.00044 YQJ]	NA	0.0000083	0.000014	0.000010 Y
TCDFs (total)		0.0011 J [0.0042 J]	NA	0.000046	0.000087	0.000099 Q
1,2,3,7,8-PeCDF		0.000074 J [0.00026 J]	NA	0.0000022 J	0.0000086	0.0000044
2,3,4,7,8-PeCDF		0.000095 J [0.00029 J]	NA	0.0000035	0.0000090	0.000013
PeCDFs (total)		0.00072 J [0.0029 J]	NA	0.000069	0.00012	0.00013 Q
1,2,3,4,7,8-HxCDF		0.00016 J [0.00060 J]	NA	0.0000075	0.000023	0.0000086
1,2,3,6,7,8-HxCDF		0.000090 J [0.00034 J]	NA	0.0000043	0.000015	0.0000054
1,2,3,7,8,9-HxCDF		0.000026 J [0.000081 J]	NA	0.00000067 J	0.0000021 J	0.0000016 J
2,3,4,6,7,8-HxCDF		0.000038 J [0.00014 J]	NA	0.0000036	0.0000033	0.0000077
HxCDFs (total)		0.00054 J [0.0022 J]	NA	0.000096	0.00010	0.00010
1,2,3,4,6,7,8-HpCDF		0.00014 J [0.00052 J]	NA	0.000011	0.000013	0.000015
1,2,3,4,7,8,9-HpCDF		0.000036 J [0.00014 J]	NA	0.0000022 J	0.0000036	0.0000026 J
HpCDFs (total)		0.00023 J [0.00082 J]	NA	0.000028	0.000029	0.000032
OCDF		0.00013 J [0.00045 J]	NA	0.0000075	0.000010	0.000020
Dioxins						
2,3,7,8-TCDD		ND(0.0000040) [ND(0.0000044)]	NA	ND(0.00000015)	ND(0.00000014)	ND(0.00000030) X
TCDDs (total)		0.0000038 J [0.000068 J]	NA	ND(0.00000015)	ND(0.00000014)	0.0000028
1,2,3,7,8-PeCDD		0.0000026 J [ND(0.0000055) X]	NA	ND(0.00000016)	ND(0.00000012)	0.00000075 J
PeCDDs (total)		0.000011 J [0.000068 J]	NA	ND(0.00000016)	ND(0.00000012)	0.0000071 Q
1,2,3,4,7,8-HxCDD		ND(0.0000050) [0.0000063 J]	NA	ND(0.00000015)	ND(0.00000012)	0.00000091 J
1,2,3,6,7,8-HxCDD		ND(0.0000044) [0.0000099 J]	NA	ND(0.00000017)	ND(0.00000013)	0.0000020 J
1,2,3,7,8,9-HxCDD		ND(0.0000045) [0.0000082 J]	NA	ND(0.00000016)	ND(0.00000012)	ND(0.0000013) X
HxCDDs (total)		0.000017 J [0.000088 J]	NA	0.0000016	0.0000016	0.000015
1,2,3,4,6,7,8-HpCDD		0.000014 J [0.000052 J]	NA	0.0000053	0.0000049	0.000025
HpCDDs (total)		0.000027 J [0.00010 J]	NA	0.000011	0.0000049	0.000041
OCDD		0.000039 J [0.00010 J]	NA	0.000030	0.000024	0.00012
Total TEQs (WHO TEFs)		0.00010 [0.00033]	NA	0.0000046	0.000011	0.000012
Inorganics						
Antimony		ND(6.00) [ND(6.00)]	NA	ND(1.10)	ND(1.10)	ND(6.00)
Arsenic		3.60 [3.10]	NA	9.80 J	7.50 J	7.10
Barium		62.0 [56.0]	NA	47.0	25.1	30.0
Beryllium		ND(0.500) [ND(0.500)]	NA	ND(0.0200)	ND(0.0200)	ND(0.500)
Cadmium		0.510 [0.520]	NA	0.720	0.0900 B	ND(0.500)
Chromium		12.0 [11.0]	NA	8.40	9.00	6.70
Cobalt		7.60 [6.90]	NA	11.5	11.4	9.50
Copper		55.0 [58.0]	NA	49.6	26.3	23.0
Cyanide		ND(0.140) [0.0950 B]	NA	ND(1.20)	ND(1.17)	0.100 B
Lead		79.0 [84.0]	NA	43.5	24.8	80.0
Mercury		0.120 J [0.0960 J]	NA	0.0700	0.0300 B	0.110
Nickel		22.0 [20.0]	NA	22.3	20.0	15.0
Selenium		0.780 B [ND(1.10)]	NA	0.500 B	0.550 B	ND(1.00)
Silver		ND(1.10) [ND(1.10)]	NA	ND(0.110)	ND(0.110)	ND(1.00)
Sulfide		120 J [140 J]	NA	ND(24.1)	ND(23.3)	33.0 J
Thallium		ND(2.20) [ND(2.20)]	NA	0.170 J	ND(0.160)	1.40 B
Tin		ND(10) [ND(11.0)]	NA	9.20 B	4.00 B	ND(10)
Vanadium		7.90 [6.90]	NA	16.0	13.6	6.50
Zinc		160 [150]	NA	92.4	61.0	66.0

TABLE B-2
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CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-21	J9-23-21	J9-23-21	J9-23-21	J9-23-21
Sample ID:	J9-23-21-I-15	J9-23-21-I-15	J9-23-21-J-16	J9-23-21-J-16	J9-23-21-SZ-19
Sample Depth(Feet):	3-4	3-6	6-8	6-15	1-3
Parameter Date Collected:	08/16/02	08/16/02	03/12/01	03/12/01	08/19/02
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
1,1,1-Trichloroethane	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
1,1,2,2-Tetrachloroethane	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
1,1,2-Trichloroethane	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
1,1-Dichloroethane	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
1,1-Dichloroethene	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
1,2,3-Trichloropropane	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
1,2-Dibromo-3-chloropropane	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
1,2-Dibromoethane	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
1,2-Dichloroethane	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
1,2-Dichloropropane	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
1,4-Dioxane	ND(0.11) J [ND(0.11) J]	NA	ND(1.1) J	NA	ND(0.11) J
2-Butanone	ND(0.011) [ND(0.011)]	NA	ND(0.011)	NA	ND(0.011)
2-Chloro-1,3-butadiene	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
2-Chloroethylvinylether	ND(0.0054) J [ND(0.0054) J]	NA	ND(0.011)	NA	ND(0.0054) J
2-Hexanone	ND(0.011) [ND(0.011)]	NA	ND(0.011)	NA	ND(0.011)
3-Chloropropene	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
4-Methyl-2-pentanone	ND(0.011) [ND(0.011)]	NA	ND(0.011)	NA	ND(0.011)
Acetone	ND(0.022) [ND(0.022)]	NA	0.0092 J	NA	ND(0.021)
Acetonitrile	ND(0.11) [ND(0.11)]	NA	ND(0.11) J	NA	ND(0.11)
Acrolein	ND(0.11) J [ND(0.11) J]	NA	ND(0.11)	NA	ND(0.11) J
Acrylonitrile	ND(0.0054) [ND(0.0054)]	NA	ND(0.11)	NA	ND(0.0054)
Benzene	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
Bromodichloromethane	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
Bromoform	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
Bromomethane	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
Carbon Disulfide	ND(0.0054) [ND(0.0054)]	NA	ND(0.011)	NA	ND(0.0054)
Carbon Tetrachloride	ND(0.0054) J [ND(0.0054) J]	NA	ND(0.0056)	NA	ND(0.0054)
Chlorobenzene	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
Chloroethane	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
Chloroform	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
Chloromethane	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
cis-1,3-Dichloropropene	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
Dibromochloromethane	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
Dibromomethane	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
Dichlorodifluoromethane	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
Ethyl Methacrylate	ND(0.0054) [ND(0.0054)]	NA	ND(0.011)	NA	ND(0.0054)
Ethylbenzene	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
Iodomethane	ND(0.0054) [ND(0.0054)]	NA	ND(0.011)	NA	ND(0.0054)
Isobutanol	ND(0.11) [ND(0.11)]	NA	ND(0.23) J	NA	ND(0.11)
m&p-Xylene	NA	NA	ND(0.0056)	NA	NA
Methacrylonitrile	ND(0.0054) [ND(0.0054)]	NA	ND(0.11)	NA	ND(0.0054)
Methyl Methacrylate	ND(0.0054) [ND(0.0054)]	NA	ND(0.011)	NA	ND(0.0054)
Methylene Chloride	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
o-Xylene	NA	NA	ND(0.0056)	NA	NA
Propionitrile	ND(0.011) J [ND(0.011) J]	NA	ND(0.11)	NA	ND(0.011)
Styrene	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
Tetrachloroethene	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
Toluene	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
trans-1,2-Dichloroethene	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
trans-1,3-Dichloropropene	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
trans-1,4-Dichloro-2-butene	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
Trichloroethene	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
Trichlorofluoromethane	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
Vinyl Acetate	ND(0.0054) [ND(0.0054)]	NA	ND(0.011)	NA	ND(0.0054)
Vinyl Chloride	ND(0.0054) [ND(0.0054)]	NA	ND(0.0056)	NA	ND(0.0054)
Xylenes (total)	ND(0.0054) [ND(0.0054)]	NA	NA	NA	ND(0.0054)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
1,2,4-Trichlorobenzene	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	0.13 J
1,2-Dichlorobenzene	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
1,2-Diphenylhydrazine	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
1,3,5-Trinitrobenzene	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
1,3-Dichlorobenzene	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
1,3-Dinitrobenzene	NA	ND(0.73) [ND(0.73)]	NA	ND(0.44)	ND(0.72)
1,4-Dichlorobenzene	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
1,4-Naphthoquinone	NA	ND(0.73) [ND(0.73)]	NA	ND(2.3)	ND(0.72)
1-Naphthylamine	NA	ND(0.73) [ND(0.73)]	NA	ND(0.44)	ND(0.72)

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	Parcel ID:	J9-23-21	J9-23-21	J9-23-21	J9-23-21	J9-23-21
	Sample ID:	J9-23-21-I-15	J9-23-21-I-15	J9-23-21-J-16	J9-23-21-J-16	J9-23-21-SZ-19
	Sample Depth(Feet):	3-4	3-6	6-8	6-15	1-3
Parameter	Date Collected:	08/16/02	08/16/02	03/12/01	03/12/01	08/19/02
Semivolatile Organics (continued)						
2,3,4,6-Tetrachlorophenol		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
2,4,5-Trichlorophenol		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
2,4,6-Trichlorophenol		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
2,4-Dichlorophenol		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
2,4-Dimethylphenol		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
2,4-Dinitrophenol		NA	ND(1.8) [ND(1.8)]	NA	ND(2.3)	ND(2.3)
2,4-Dinitrotoluene		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
2,6-Dichlorophenol		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
2,6-Dinitrotoluene		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
2-Acetylaminofluorene		NA	ND(0.73) [ND(0.73)]	NA	ND(0.44)	ND(0.72)
2-Chloronaphthalene		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
2-Chlorophenol		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
2-Methylnaphthalene		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	0.10 J
2-Methylphenol		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
2-Naphthylamine		NA	ND(0.73) [ND(0.73)]	NA	ND(0.44)	ND(0.72)
2-Nitroaniline		NA	ND(1.8) [ND(1.8)]	NA	ND(2.3)	ND(2.3)
2-Nitrophenol		NA	ND(0.73) [ND(0.73)]	NA	ND(0.44)	ND(0.72)
2-Picoline		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
3&4-Methylphenol		NA	ND(0.73) [ND(0.73)]	NA	ND(0.44)	ND(0.72)
3,3'-Dichlorobenzidine		NA	ND(0.73) [ND(0.73)]	NA	ND(0.44)	ND(0.93)
3,3'-Dimethylbenzidine		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46) J
3-Methylcholanthrene		NA	ND(0.73) [ND(0.73)]	NA	ND(0.44)	ND(0.72)
3-Nitroaniline		NA	ND(1.8) [ND(1.8)]	NA	ND(2.3)	ND(2.3) J
4,6-Dinitro-2-methylphenol		NA	ND(0.36) [ND(0.36)]	NA	ND(2.3)	ND(0.46)
4-Aminobiphenyl		NA	ND(0.73) [ND(0.73)]	NA	ND(2.3)	ND(0.72) J
4-Bromophenyl-phenylether		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
4-Chloro-3-Methylphenol		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
4-Chloroaniline		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
4-Chlorobenzilate		NA	ND(0.73) [ND(0.73)]	NA	ND(0.44)	ND(0.72)
4-Chlorophenyl-phenylether		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
4-Nitroaniline		NA	ND(1.8) [ND(1.8)]	NA	ND(2.3)	ND(1.8) J
4-Nitrophenol		NA	ND(1.8) [ND(1.8)]	NA	ND(2.3)	ND(2.3)
4-Nitroquinoline-1-oxide		NA	ND(0.73) [ND(0.73)]	NA	ND(2.3)	ND(0.72) J
4-Phenylenediamine		NA	ND(0.73) J [ND(0.73) J]	NA	ND(2.3)	ND(0.72) J
5-Nitro-o-toluidine		NA	ND(0.73) [ND(0.73)]	NA	ND(0.44)	ND(0.72)
7,12-Dimethylbenz(a)anthracene		NA	ND(0.73) [ND(0.73)]	NA	ND(0.44)	ND(0.72)
a,a'-Dimethylphenethylamine		NA	ND(0.73) [ND(0.73)]	NA	ND(2.3)	ND(0.72)
Acenaphthene		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	0.51
Acenaphthylene		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	0.12 J
Acetophenone		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
Aniline		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
Anthracene		NA	ND(0.36) [0.089 J]	NA	ND(0.44)	0.97
Aramite		NA	ND(0.73) J [ND(0.73) J]	NA	ND(2.3)	ND(0.72)
Benzidine		NA	ND(0.73) [ND(0.73)]	NA	ND(4.4)	ND(0.93)
Benzo(a)anthracene		NA	ND(0.36) [0.17 J]	NA	ND(0.44)	4.1
Benzo(a)pyrene		NA	ND(0.36) [0.11 J]	NA	ND(0.44)	2.3
Benzo(b)fluoranthene		NA	ND(0.36) [0.12 J]	NA	ND(0.44)	2.2
Benzo(g,h,i)perylene		NA	ND(0.36) [0.12 J]	NA	ND(0.44)	1.4
Benzo(k)fluoranthene		NA	ND(0.36) [0.12 J]	NA	ND(0.44)	2.8
Benzyl Alcohol		NA	ND(0.73) [ND(0.73)]	NA	ND(2.3)	ND(0.93)
bis(2-Chloroethoxy)methane		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
bis(2-Chloroethyl)ether		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
bis(2-Chloroisopropyl)ether		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44) J	ND(0.46)
bis(2-Ethylhexyl)phthalate		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.35)
Butylbenzylphthalate		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
Chrysene		NA	ND(0.36) [0.16 J]	NA	ND(0.44)	3.8
Diallate		NA	ND(0.73) [ND(0.73)]	NA	ND(0.44)	ND(0.72)
Dibenzo(a,h)anthracene		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	1.0
Dibenzofuran		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	0.27 J
Diethylphthalate		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
Dimethoate		NA	NA	NA	NA	NA
Dimethylphthalate		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
Di-n-Butylphthalate		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
Di-n-Octylphthalate		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
Diphenylamine		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
Disulfoton		NA	NA	NA	NA	NA
Ethyl Methanesulfonate		NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
Ethyl Parathion		NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-21	J9-23-21	J9-23-21	J9-23-21	J9-23-21
Sample ID:	J9-23-21-I-15	J9-23-21-I-15	J9-23-21-J-16	J9-23-21-J-16	J9-23-21-SZ-19
Sample Depth(Feet):	3-4	3-6	6-8	6-15	1-3
Parameter Date Collected:	08/16/02	08/16/02	03/12/01	03/12/01	08/19/02
Semivolatile Organics (continued)					
Fluoranthene	NA	ND(0.36) [0.34 J]	NA	ND(0.44)	8.3
Fluorene	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	0.40 J
Hexachlorobenzene	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
Hexachlorobutadiene	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
Hexachlorocyclopentadiene	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
Hexachloroethane	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
Hexachlorophene	NA	ND(0.73) [ND(0.73)]	NA	ND(0.66) J	ND(0.93) J
Hexachloropropene	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46) J
Indeno(1,2,3-cd)pyrene	NA	ND(0.36) [0.093 J]	NA	ND(0.44)	1.2
Isodrin	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
Isophorone	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
Isosafrole	NA	ND(0.73) [ND(0.73)]	NA	ND(0.44)	ND(0.72)
Methapyrilene	NA	ND(0.73) [ND(0.73)]	NA	ND(2.3)	ND(0.72)
Methyl Methanesulfonate	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
Methyl Parathion	NA	NA	NA	NA	NA
Naphthalene	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	0.50
Nitrobenzene	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
N-Nitrosodiethylamine	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
N-Nitrosodimethylamine	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
N-Nitroso-di-n-butylamine	NA	ND(0.73) [ND(0.73)]	NA	ND(0.44)	ND(0.72)
N-Nitroso-di-n-propylamine	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
N-Nitrosodiphenylamine	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
N-Nitrosomethylethylamine	NA	ND(0.73) [ND(0.73)]	NA	ND(0.44)	ND(0.72)
N-Nitrosomorpholine	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46) J
N-Nitrosopiperidine	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
N-Nitrosopyrrolidine	NA	ND(0.73) [ND(0.73)]	NA	ND(0.44)	ND(0.72)
o,o,o-Triethylphosphorothioate	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
o-Toluidine	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
p-Dimethylaminoazobenzene	NA	ND(0.73) J [ND(0.73) J]	NA	ND(0.44)	ND(0.72)
Pentachlorobenzene	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
Pentachloroethane	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
Pentachloronitrobenzene	NA	ND(0.73) J [ND(0.73) J]	NA	ND(0.44)	ND(0.72) J
Pentachlorophenol	NA	ND(1.8) [ND(1.8)]	NA	ND(2.3)	ND(2.3)
Phenacetin	NA	ND(0.73) [ND(0.73)]	NA	ND(0.44)	ND(0.72)
Phenanthrene	NA	ND(0.36) [0.37]	NA	ND(0.44)	4.4
Phenol	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
Phorate	NA	NA	NA	NA	NA
Pronamide	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
Pyrene	NA	ND(0.36) [0.48]	NA	ND(0.44)	11 J
Pyridine	NA	ND(0.36) [ND(0.36)]	NA	ND(2.3)	ND(0.46)
Safrole	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
Sulfotep	NA	NA	NA	NA	NA
Thionazin	NA	ND(0.36) [ND(0.36)]	NA	ND(0.44)	ND(0.46)
Organochlorine Pesticides					
4,4'-DDD	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	J9-23-21 / J9-23-21-I-15 / 3-4 / 08/16/02	J9-23-21 / J9-23-21-I-15 / 3-6 / 08/16/02	J9-23-21 / J9-23-21-J-16 / 6-8 / 03/12/01	J9-23-21 / J9-23-21-J-16 / 6-15 / 03/12/01	J9-23-21 / J9-23-21-SZ-19 / 1-3 / 08/19/02
Herbicides					
2,4,5-T	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	NA	0.00000078 J [0.0000033 YJ]	NA	ND(0.00000047)	0.00046 Y
TCDFs (total)	NA	0.0000054 [0.000029]	NA	ND(0.00000047)	0.0024
1,2,3,7,8-PeCDF	NA	0.00000031 J [0.0000016 J]	NA	ND(0.00000049)	0.00022
2,3,4,7,8-PeCDF	NA	0.00000042 J [0.0000018 J]	NA	ND(0.00000049)	0.00043
PeCDFs (total)	NA	0.0000037 [0.000015]	NA	ND(0.00000049)	0.0055 QI
1,2,3,4,7,8-HxCDF	NA	0.00000043 J [0.0000023 J]	NA	ND(0.00000035)	0.00069
1,2,3,6,7,8-HxCDF	NA	0.00000028 J [0.0000014 J]	NA	ND(0.00000041)	0.00035
1,2,3,7,8,9-HxCDF	NA	ND(0.00000027) [0.00000033 J]	NA	ND(0.00000046)	0.00012
2,3,4,6,7,8-HxCDF	NA	0.00000022 J [0.00000080 J]	NA	ND(0.00000042)	0.00054
HxCDFs (total)	NA	0.0000024 [0.000012]	NA	ND(0.00000041)	0.0087
1,2,3,4,6,7,8-HpCDF	NA	0.00000051 J [0.0000021 J]	NA	ND(0.00000083)	0.0010
1,2,3,4,7,8,9-HpCDF	NA	ND(0.00000013) X [0.00000043 J]	NA	ND(0.0000010)	0.00020
HpCDFs (total)	NA	0.00000086 [0.0000036]	NA	ND(0.00000083)	0.0021
OCDF	NA	ND(0.00000061) X [0.0000017 J]	NA	ND(0.0000018)	0.0013
Dioxins					
2,3,7,8-TCDD	NA	ND(0.00000012) [ND(0.00000015)]	NA	ND(0.00000066)	0.0000064
TCDDs (total)	NA	ND(0.00000012) [0.00000020]	NA	ND(0.00000066)	0.000055
1,2,3,7,8-PeCDD	NA	ND(0.00000027) [ND(0.00000012) X]	NA	ND(0.00000053)	0.000036
PeCDDs (total)	NA	ND(0.00000027) [0.00000015]	NA	ND(0.00000053)	0.00044 Q
1,2,3,4,7,8-HxCDD	NA	ND(0.00000027) [ND(0.00000028)]	NA	ND(0.00000043)	0.000034
1,2,3,6,7,8-HxCDD	NA	ND(0.00000027) [ND(0.00000028)]	NA	ND(0.00000050)	0.000040
1,2,3,7,8,9-HxCDD	NA	ND(0.00000027) [ND(0.00000011) X]	NA	ND(0.00000046)	0.000045
HxCDDs (total)	NA	ND(0.00000038) [0.00000032]	NA	ND(0.00000050)	0.00067
1,2,3,4,6,7,8-HpCDD	NA	0.00000034 J [0.00000072 J]	NA	ND(0.0000011)	0.00014
HpCDDs (total)	NA	0.00000066 [0.0000014]	NA	ND(0.0000011)	0.00031
OCDD	NA	ND(0.0000028) [ND(0.0000034)]	NA	0.0000029 J	0.00032
Total TEQs (WHO TEFs)	NA	0.00000065 [0.0000020]	NA	0.00000092	0.00051
Inorganics					
Antimony	NA	ND(6.00) [ND(6.00)]	NA	ND(1.20)	1.50 B
Arsenic	NA	3.60 [3.90]	NA	2.80 J	5.50
Barium	NA	ND(20.0) [ND(20.0)]	NA	39.3	120
Beryllium	NA	ND(0.500) [ND(0.500)]	NA	ND(0.0300)	ND(0.500)
Cadmium	NA	ND(0.500) [ND(0.500)]	NA	0.110 B	0.740
Chromium	NA	5.90 [4.80]	NA	7.20	10.0
Cobalt	NA	6.60 [5.70]	NA	10.2	6.70
Copper	NA	10.0 [9.40]	NA	16.8	180
Cyanide	NA	ND(0.110) [ND(0.110)]	NA	ND(1.32)	0.110
Lead	NA	4.80 [5.50]	NA	8.90	240
Mercury	NA	ND(0.110) [0.0270 B]	NA	0.0100 B	4.00 J
Nickel	NA	10.0 [9.30]	NA	18.8	20.0
Selenium	NA	ND(1.00) [ND(1.00)]	NA	0.350 B	ND(1.00)
Silver	NA	ND(1.00) [ND(1.00)]	NA	ND(0.120)	0.630 B
Sulfide	NA	17.0 J [30.0 J]	NA	ND(26.5)	63.0 J
Thallium	NA	1.00 B [ND(1.60)]	NA	ND(0.180)	ND(1.60)
Tin	NA	ND(10) [ND(10)]	NA	8.70 B	ND(15)
Vanadium	NA	5.60 [5.30]	NA	14.5	10.0
Zinc	NA	25.0 [24.0]	NA	55.7	220

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-21	J9-23-21	J9-23-21	J9-23-21	J9-23-22
Sample ID:	J9-23-21-SZ-19	J9-23-21-SZ-19	J9-23-21-SZ-38	J9-23-21-SZ-39	J9-23-22-C-16
Sample Depth(Feet):	3-4	3-6	3-6	3-6	1-3
Parameter Date Collected:	08/19/02	08/19/02	02/05/03	02/05/03	09/17/02
Volatile Organics					
1,1,1,2-Tetrachloroethane	ND(0.0054)	NA	NA	NA	ND(0.0056)
1,1,1-Trichloroethane	ND(0.0054)	NA	NA	NA	ND(0.0056)
1,1,2,2-Tetrachloroethane	ND(0.0054)	NA	NA	NA	ND(0.0056)
1,1,2-Trichloroethane	ND(0.0054)	NA	NA	NA	ND(0.0056)
1,1-Dichloroethane	ND(0.0054)	NA	NA	NA	ND(0.0056)
1,1-Dichloroethene	ND(0.0054)	NA	NA	NA	ND(0.0056)
1,2,3-Trichloropropane	ND(0.0054)	NA	NA	NA	ND(0.0056)
1,2-Dibromo-3-chloropropane	ND(0.0054)	NA	NA	NA	ND(0.0056)
1,2-Dibromoethane	ND(0.0054)	NA	NA	NA	ND(0.0056)
1,2-Dichloroethane	ND(0.0054)	NA	NA	NA	ND(0.0056)
1,2-Dichloropropane	ND(0.0054)	NA	NA	NA	ND(0.0056)
1,4-Dioxane	ND(0.11) J	NA	NA	NA	ND(0.11) J
2-Butanone	ND(0.011)	NA	NA	NA	ND(0.011)
2-Chloro-1,3-butadiene	ND(0.0054)	NA	NA	NA	ND(0.0056)
2-Chloroethylvinylether	ND(0.0054) J	NA	NA	NA	ND(0.0056)
2-Hexanone	ND(0.011)	NA	NA	NA	ND(0.011)
3-Chloropropene	ND(0.0054)	NA	NA	NA	ND(0.0056)
4-Methyl-2-pentanone	ND(0.011)	NA	NA	NA	ND(0.011)
Acetone	ND(0.022)	NA	NA	NA	ND(0.022)
Acetonitrile	ND(0.11)	NA	NA	NA	ND(0.11)
Acrolein	ND(0.11) J	NA	NA	NA	ND(0.11) J
Acrylonitrile	ND(0.0054)	NA	NA	NA	ND(0.0056)
Benzene	ND(0.0054)	NA	NA	NA	ND(0.0056)
Bromodichloromethane	ND(0.0054)	NA	NA	NA	ND(0.0056)
Bromoform	ND(0.0054)	NA	NA	NA	ND(0.0056)
Bromomethane	ND(0.0054)	NA	NA	NA	ND(0.0056)
Carbon Disulfide	ND(0.0054)	NA	NA	NA	ND(0.0056)
Carbon Tetrachloride	ND(0.0054)	NA	NA	NA	ND(0.0056)
Chlorobenzene	ND(0.0054)	NA	NA	NA	ND(0.0056)
Chloroethane	ND(0.0054)	NA	NA	NA	ND(0.0056)
Chloroform	ND(0.0054)	NA	NA	NA	ND(0.0056)
Chloromethane	ND(0.0054)	NA	NA	NA	ND(0.0056) J
cis-1,3-Dichloropropene	ND(0.0054)	NA	NA	NA	ND(0.0056)
Dibromochloromethane	ND(0.0054)	NA	NA	NA	ND(0.0056)
Dibromomethane	ND(0.0054)	NA	NA	NA	ND(0.0056)
Dichlorodifluoromethane	ND(0.0054)	NA	NA	NA	ND(0.0056) J
Ethyl Methacrylate	ND(0.0054)	NA	NA	NA	ND(0.0056)
Ethylbenzene	ND(0.0054)	NA	NA	NA	ND(0.0056)
Iodomethane	ND(0.0054)	NA	NA	NA	ND(0.0056)
Isobutanol	ND(0.11)	NA	NA	NA	ND(0.11) J
m&p-Xylene	NA	NA	NA	NA	NA
Methacrylonitrile	ND(0.0054)	NA	NA	NA	ND(0.0056)
Methyl Methacrylate	ND(0.0054)	NA	NA	NA	ND(0.0056)
Methylene Chloride	ND(0.0054)	NA	NA	NA	ND(0.0056)
o-Xylene	NA	NA	NA	NA	NA
Propionitrile	ND(0.011)	NA	NA	NA	ND(0.011)
Styrene	ND(0.0054)	NA	NA	NA	ND(0.0056)
Tetrachloroethene	ND(0.0054)	NA	NA	NA	ND(0.0056)
Toluene	ND(0.0054)	NA	NA	NA	ND(0.0056)
trans-1,2-Dichloroethene	ND(0.0054)	NA	NA	NA	ND(0.0056)
trans-1,3-Dichloropropene	ND(0.0054)	NA	NA	NA	ND(0.0056)
trans-1,4-Dichloro-2-butene	ND(0.0054)	NA	NA	NA	ND(0.0056)
Trichloroethene	ND(0.0054)	NA	NA	NA	ND(0.0056)
Trichlorofluoromethane	ND(0.0054)	NA	NA	NA	ND(0.0056)
Vinyl Acetate	ND(0.0054)	NA	NA	NA	ND(0.0056)
Vinyl Chloride	ND(0.0054)	NA	NA	NA	ND(0.0056)
Xylenes (total)	ND(0.0054)	NA	NA	NA	ND(0.0056)
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NA	0.17 J	NA	NA	ND(0.37)
1,2,4-Trichlorobenzene	NA	1.6	NA	NA	ND(0.37)
1,2-Dichlorobenzene	NA	ND(0.40)	NA	NA	ND(0.37)
1,2-Diphenylhydrazine	NA	ND(0.40)	NA	NA	ND(0.37)
1,3,5-Trinitrobenzene	NA	ND(0.40)	NA	NA	ND(0.37)
1,3-Dichlorobenzene	NA	ND(0.40)	NA	NA	ND(0.37)
1,3-Dinitrobenzene	NA	ND(0.73)	NA	NA	ND(0.75)
1,4-Dichlorobenzene	NA	ND(0.40)	NA	NA	ND(0.37)
1,4-Naphthoquinone	NA	ND(0.73)	NA	NA	ND(0.75)
1-Naphthylamine	NA	ND(0.73)	NA	NA	ND(0.75)

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter / Parcel ID	J9-23-21	J9-23-21	J9-23-21	J9-23-21	J9-23-22
Sample ID:	J9-23-21-SZ-19	J9-23-21-SZ-19	J9-23-21-SZ-38	J9-23-21-SZ-39	J9-23-22-C-16
Sample Depth(Feet):	3-4	3-6	3-6	3-6	1-3
Date Collected:	08/19/02	08/19/02	02/05/03	02/05/03	09/17/02
Semivolatile Organics (continued)					
2,3,4,6-Tetrachlorophenol	NA	ND(0.40)	NA	NA	ND(0.37)
2,4,5-Trichlorophenol	NA	ND(0.40)	NA	NA	ND(0.37)
2,4,6-Trichlorophenol	NA	ND(0.40)	NA	NA	ND(0.37)
2,4-Dichlorophenol	NA	ND(0.40)	NA	NA	ND(0.37)
2,4-Dimethylphenol	NA	ND(0.40)	NA	NA	ND(0.37)
2,4-Dinitrophenol	NA	ND(2.0)	NA	NA	ND(1.9)
2,4-Dinitrotoluene	NA	ND(0.40)	NA	NA	ND(0.37)
2,6-Dichlorophenol	NA	ND(0.40)	NA	NA	ND(0.37)
2,6-Dinitrotoluene	NA	ND(0.40)	NA	NA	ND(0.37)
2-Acetylaminofluorene	NA	ND(0.73)	NA	NA	ND(0.75)
2-Chloronaphthalene	NA	ND(0.40)	NA	NA	ND(0.37)
2-Chlorophenol	NA	ND(0.40)	NA	NA	ND(0.37)
2-Methylnaphthalene	NA	ND(0.40)	NA	NA	0.096 J
2-Methylphenol	NA	ND(0.40)	NA	NA	ND(0.37)
2-Naphthylamine	NA	ND(0.73)	NA	NA	ND(0.75)
2-Nitroaniline	NA	ND(2.0)	NA	NA	ND(1.9)
2-Nitrophenol	NA	ND(0.73)	NA	NA	ND(0.75)
2-Picoline	NA	ND(0.40)	NA	NA	ND(0.37)
3&4-Methylphenol	NA	ND(0.73)	NA	NA	ND(0.75)
3,3'-Dichlorobenzidine	NA	ND(0.80)	NA	NA	ND(0.75)
3,3'-Dimethylbenzidine	NA	ND(0.40)	NA	NA	ND(0.37) J
3-Methylcholanthrene	NA	ND(0.73)	NA	NA	ND(0.75)
3-Nitroaniline	NA	ND(2.0)	NA	NA	ND(1.9)
4,6-Dinitro-2-methylphenol	NA	ND(0.40)	NA	NA	ND(0.37) J
4-Aminobiphenyl	NA	ND(0.73)	NA	NA	ND(0.75) J
4-Bromophenyl-phenylether	NA	ND(0.40)	NA	NA	ND(0.37)
4-Chloro-3-Methylphenol	NA	ND(0.40)	NA	NA	ND(0.37)
4-Chloroaniline	NA	ND(0.40)	NA	NA	ND(0.37)
4-Chlorobenzilate	NA	ND(0.73)	NA	NA	ND(0.75)
4-Chlorophenyl-phenylether	NA	ND(0.40)	NA	NA	ND(0.37)
4-Nitroaniline	NA	ND(1.8)	NA	NA	ND(1.9)
4-Nitrophenol	NA	ND(2.0)	NA	NA	ND(1.9)
4-Nitroquinoline-1-oxide	NA	ND(0.73) J	NA	NA	ND(0.75)
4-Phenylenediamine	NA	ND(0.73) J	NA	NA	ND(0.75) J
5-Nitro-o-toluidine	NA	ND(0.73)	NA	NA	ND(0.75)
7,12-Dimethylbenz(a)anthracene	NA	ND(0.73)	NA	NA	ND(0.75)
a,a'-Dimethylphenethylamine	NA	ND(0.73)	NA	NA	ND(0.75)
Acenaphthene	NA	0.39 J	NA	NA	1.3
Acenaphthylene	NA	0.12 J	NA	NA	ND(0.37)
Acetophenone	NA	ND(0.40)	NA	NA	ND(0.37)
Aniline	NA	ND(0.40)	NA	NA	ND(0.37)
Anthracene	NA	1.3	NA	NA	3.1
Aramite	NA	ND(0.73)	NA	NA	ND(0.75) J
Benzidine	NA	ND(0.80)	NA	NA	ND(0.75) J
Benzo(a)anthracene	NA	2.9	NA	NA	10
Benzo(a)pyrene	NA	1.6	NA	NA	5.5
Benzo(b)fluoranthene	NA	2.0	NA	NA	9.7 J
Benzo(g,h,i)perylene	NA	0.78	NA	NA	3.5
Benzo(k)fluoranthene	NA	1.6	NA	NA	4.8
Benzyl Alcohol	NA	ND(0.80)	NA	NA	ND(0.75)
bis(2-Chloroethoxy)methane	NA	ND(0.40)	NA	NA	ND(0.37)
bis(2-Chloroethyl)ether	NA	ND(0.40)	NA	NA	ND(0.37)
bis(2-Chloroisopropyl)ether	NA	ND(0.40)	NA	NA	ND(0.37)
bis(2-Ethylhexyl)phthalate	NA	ND(0.36)	NA	NA	ND(0.37)
Butylbenzylphthalate	NA	ND(0.40)	NA	NA	ND(0.37)
Chrysene	NA	2.9	NA	NA	7.2
Diallate	NA	ND(0.73)	NA	NA	ND(0.75) J
Dibenzo(a,h)anthracene	NA	0.31 J	NA	NA	1.4
Dibenzofuran	NA	0.33 J	NA	NA	0.71
Diethylphthalate	NA	ND(0.40)	NA	NA	ND(0.37)
Dimethoate	NA	NA	NA	NA	NA
Dimethylphthalate	NA	ND(0.40)	NA	NA	ND(0.37)
Di-n-Butylphthalate	NA	0.12 J	NA	NA	ND(0.37)
Di-n-Octylphthalate	NA	ND(0.40)	NA	NA	0.10 J
Diphenylamine	NA	ND(0.40) J	NA	NA	ND(0.37)
Disulfoton	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	NA	ND(0.40)	NA	NA	ND(0.37)
Ethyl Parathion	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:				
	J9-23-21 / J9-23-21-SZ-19 / 3-4 / 08/19/02	J9-23-21 / J9-23-21-SZ-19 / 3-6 / 08/19/02	J9-23-21 / J9-23-21-SZ-38 / 3-6 / 02/05/03	J9-23-21 / J9-23-21-SZ-39 / 3-6 / 02/05/03	J9-23-22 / J9-23-22-C-16 / 1-3 / 09/17/02
Semivolatile Organics (continued)					
Fluoranthene	NA	4.8	NA	NA	26
Fluorene	NA	0.52	NA	NA	1.6
Hexachlorobenzene	NA	ND(0.40) J	NA	NA	ND(0.37)
Hexachlorobutadiene	NA	ND(0.40)	NA	NA	ND(0.37)
Hexachlorocyclopentadiene	NA	ND(0.40)	NA	NA	ND(0.37)
Hexachloroethane	NA	ND(0.40)	NA	NA	ND(0.37)
Hexachlorophene	NA	ND(0.80)	NA	NA	ND(0.75) J
Hexachloropropene	NA	ND(0.40)	NA	NA	ND(0.37)
Indeno(1,2,3-cd)pyrene	NA	0.81	NA	NA	3.5
Isodrin	NA	ND(0.40)	NA	NA	ND(0.37)
Isophorone	NA	ND(0.40)	NA	NA	ND(0.37)
Isosafrole	NA	ND(0.73)	NA	NA	ND(0.75)
Methapyrilene	NA	ND(0.73) J	NA	NA	ND(0.75) J
Methyl Methanesulfonate	NA	ND(0.40)	NA	NA	ND(0.37)
Methyl Parathion	NA	NA	NA	NA	NA
Naphthalene	NA	0.20 J	NA	NA	0.69
Nitrobenzene	NA	ND(0.40)	NA	NA	ND(0.37)
N-Nitrosodiethylamine	NA	ND(0.40)	NA	NA	ND(0.37)
N-Nitrosodimethylamine	NA	ND(0.40)	NA	NA	ND(0.37)
N-Nitroso-di-n-butylamine	NA	ND(0.73)	NA	NA	ND(0.75)
N-Nitroso-di-n-propylamine	NA	ND(0.40)	NA	NA	ND(0.37)
N-Nitrosodiphenylamine	NA	ND(0.40)	NA	NA	ND(0.37)
N-Nitrosomethylethylamine	NA	ND(0.73)	NA	NA	ND(0.75)
N-Nitrosomorpholine	NA	ND(0.40)	NA	NA	ND(0.37)
N-Nitrosopiperidine	NA	ND(0.40)	NA	NA	ND(0.37)
N-Nitrosopyrrolidine	NA	ND(0.73) J	NA	NA	ND(0.75)
o,o,o-Triethylphosphorothioate	NA	ND(0.40)	NA	NA	ND(0.37)
o-Toluidine	NA	ND(0.40)	NA	NA	ND(0.37)
p-Dimethylaminoazobenzene	NA	ND(0.73)	NA	NA	ND(0.75)
Pentachlorobenzene	NA	ND(0.40)	NA	NA	ND(0.37)
Pentachloroethane	NA	ND(0.40)	NA	NA	ND(0.37)
Pentachloronitrobenzene	NA	ND(0.73)	NA	NA	ND(0.75)
Pentachlorophenol	NA	ND(2.0)	NA	NA	ND(1.9)
Phenacetin	NA	ND(0.73)	NA	NA	ND(0.75)
Phenanthrene	NA	4.6	NA	NA	15 J
Phenol	NA	ND(0.40)	NA	NA	ND(0.37)
Phorate	NA	NA	NA	NA	NA
Pronamide	NA	ND(0.40)	NA	NA	ND(0.37)
Pyrene	NA	6.4	NA	NA	21
Pyridine	NA	ND(0.40)	NA	NA	ND(0.37)
Safrole	NA	ND(0.40)	NA	NA	ND(0.37)
Sulfotep	NA	NA	NA	NA	NA
Thionazin	NA	ND(0.40)	NA	NA	ND(0.37) J
Organochlorine Pesticides					
4,4'-DDD	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-21	J9-23-21	J9-23-21	J9-23-21	J9-23-22
Sample ID:	J9-23-21-SZ-19	J9-23-21-SZ-19	J9-23-21-SZ-38	J9-23-21-SZ-39	J9-23-22-C-16
Sample Depth(Feet):	3-4	3-6	3-6	3-6	1-3
Parameter Date Collected:	08/19/02	08/19/02	02/05/03	02/05/03	09/17/02
Herbicides					
2,4,5-T	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA
Furans					
2,3,7,8-TCDF	NA	0.00028 YQ	0.0054 YEQJ	0.000023 YQ [0.000032 Y]	ND(0.000046)
TCDFs (total)	NA	0.0017	0.079 QI	0.00032 Q [0.00072 Q]	ND(0.000045)
1,2,3,7,8-PeCDF	NA	0.00015	0.0041 EJ	0.000014 [0.000017 Q]	0.000038 J
2,3,4,7,8-PeCDF	NA	0.00031	0.0051 EJ	0.000045 [0.000075 Q]	0.000048 J
PeCDFs (total)	NA	0.0026	0.036 QI	0.00057 Q [0.00042 QI]	0.00032
1,2,3,4,7,8-HxCDF	NA	0.00067	0.0082 EIJ	0.000044 [0.000056]	ND(0.000064) X
1,2,3,6,7,8-HxCDF	NA	0.00022	0.0042 EIJ	0.000024 [0.000034 I]	ND(0.000058) X
1,2,3,7,8,9-HxCDF	NA	0.00012	0.00041 QJ	0.0000069 [ND(0.0000093)]	ND(0.000078)
2,3,4,6,7,8-HxCDF	NA	0.00019	0.0011 J	0.000063 [0.000046]	ND(0.000034) X
HxCDFs (total)	NA	0.0031	0.035 QI	0.00087 [0.0013 QI]	0.00016
1,2,3,4,6,7,8-HpCDF	NA	0.00077	0.0062 EIJ	0.00011 [0.00016]	0.000080 J
1,2,3,4,7,8,9-HpCDF	NA	0.00033	0.0012 J	0.000022 [0.000033]	ND(0.000078)
HpCDFs (total)	NA	0.0019	0.010 I	0.00027 [0.00041]	0.000080
OCDF	NA	0.0023	0.0068 EJ	0.00014 [0.00020]	0.00011 J
Dioxins					
2,3,7,8-TCDD	NA	ND(0.0000081) X	0.000039 J	ND(0.00000041) X [ND(0.00000044)]	ND(0.000052)
TCDDs (total)	NA	0.000053	0.00086 Q	0.0000023 [0.0000030 Q]	ND(0.000052)
1,2,3,7,8-PeCDD	NA	0.000025 J	0.00014	0.0000014 J [ND(0.0000031) X]	ND(0.000078)
PeCDDs (total)	NA	0.00028	0.0010 Q	0.0000098 Q [ND(0.00000097) Q]	ND(0.00011)
1,2,3,4,7,8-HxCDD	NA	0.000035	0.000082	0.0000015 J [0.0000018 J]	ND(0.00010)
1,2,3,6,7,8-HxCDD	NA	0.000042	0.00015	0.0000025 J [0.0000032 J]	ND(0.000090)
1,2,3,7,8,9-HxCDD	NA	0.000037	0.00013	0.0000020 J [0.0000017 JQ]	ND(0.000091)
HxCDDs (total)	NA	0.00056	0.0021	0.000029 [0.000035 Q]	ND(0.00014)
1,2,3,4,6,7,8-HpCDD	NA	0.00065	0.00060 J	0.000020 [0.000027]	ND(0.000088)
HpCDDs (total)	NA	0.0012	0.0013	0.000040 [0.000053]	ND(0.000088)
OCDD	NA	0.0034	0.0013 J	0.00014 [0.00018]	ND(0.00012) X
Total TEQs (WHO TEFs)	NA	0.00037	0.0050	0.000043 [0.000060]	0.00012
Inorganics					
Antimony	NA	ND(6.00)	NA	NA	NA
Arsenic	NA	6.00	NA	NA	NA
Barium	NA	270	NA	NA	NA
Beryllium	NA	ND(0.500)	NA	NA	NA
Cadmium	NA	0.770	NA	NA	NA
Chromium	NA	26.0	NA	NA	NA
Cobalt	NA	5.00	NA	NA	NA
Copper	NA	640	NA	NA	NA
Cyanide	NA	0.130	NA	NA	NA
Lead	NA	250	NA	NA	NA
Mercury	NA	4.50 J	NA	NA	NA
Nickel	NA	21.0	NA	NA	NA
Selenium	NA	ND(1.00)	NA	NA	NA
Silver	NA	2.90	NA	NA	NA
Sulfide	NA	160 J	NA	NA	NA
Thallium	NA	ND(1.60)	NA	NA	NA
Tin	NA	100	NA	NA	NA
Vanadium	NA	37.0	NA	NA	NA
Zinc	NA	320	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-22	J9-23-22	J9-23-22	J9-23-22	J9-23-22	J9-23-22	J9-23-22
Sample ID:	J9-23-22-C-16	J9-23-22-C-16	J9-23-22-D-16	J9-23-22-D-16	J9-23-22-F-16	J9-23-22-F-16	J9-23-22-F-16
Sample Depth(Feet):	6-15	12-15	1-3	3-6	1-3	3-5	3-6
Parameter Date Collected:	09/17/02	09/17/02	01/30/01	01/30/01	09/17/02	09/17/02	09/17/02
Volatile Organics							
1,1,1,2-Tetrachloroethane	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
1,1,1-Trichloroethane	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
1,1,2,2-Tetrachloroethane	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
1,1,2-Trichloroethane	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
1,1-Dichloroethane	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
1,1-Dichloroethene	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
1,2,3-Trichloropropane	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
1,2-Dibromo-3-chloropropane	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
1,2-Dibromoethane	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
1,2-Dichloroethane	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
1,2-Dichloropropane	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
1,4-Dioxane	NA	ND(0.12) J	NA	NA	ND(0.11) J	ND(0.12) J	NA
2-Butanone	NA	ND(0.012)	NA	NA	ND(0.011)	ND(0.012)	NA
2-Chloro-1,3-butadiene	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
2-Chloroethylvinylether	NA	ND(0.0058)	NA	NA	ND(0.0057) J	ND(0.0061) J	NA
2-Hexanone	NA	ND(0.012)	NA	NA	ND(0.011)	ND(0.012) J	NA
3-Chloropropene	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
4-Methyl-2-pentanone	NA	ND(0.012)	NA	NA	ND(0.011)	ND(0.012)	NA
Acetone	NA	ND(0.023)	NA	NA	ND(0.023)	0.022 J	NA
Acetonitrile	NA	ND(0.12)	NA	NA	ND(0.11)	ND(0.12)	NA
Acrolein	NA	ND(0.12) J	NA	NA	ND(0.11) J	ND(0.12) J	NA
Acrylonitrile	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
Benzene	NA	ND(0.0058)	NA	NA	ND(0.0057)	0.0049 J	NA
Bromodichloromethane	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
Bromoform	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
Bromomethane	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
Carbon Disulfide	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
Carbon Tetrachloride	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
Chlorobenzene	NA	ND(0.0058)	NA	NA	ND(0.0057)	0.016	NA
Chloroethane	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
Chloroform	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
Chloromethane	NA	ND(0.0058) J	NA	NA	ND(0.0057) J	ND(0.0061) J	NA
cis-1,3-Dichloropropene	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
Dibromochloromethane	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
Dibromomethane	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
Dichlorodifluoromethane	NA	ND(0.0058) J	NA	NA	ND(0.0057) J	ND(0.0061) J	NA
Ethyl Methacrylate	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
Ethylbenzene	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
Iodomethane	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
Isobutanol	NA	ND(0.12) J	NA	NA	ND(0.11) J	ND(0.12) J	NA
m&p-Xylene	NA	NA	NA	NA	NA	NA	NA
Methacrylonitrile	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
Methyl Methacrylate	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
Methylene Chloride	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
o-Xylene	NA	NA	NA	NA	NA	NA	NA
Propionitrile	NA	ND(0.012)	NA	NA	ND(0.011)	ND(0.012)	NA
Styrene	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
Tetrachloroethene	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
Toluene	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
trans-1,2-Dichloroethene	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
trans-1,3-Dichloropropene	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
trans-1,4-Dichloro-2-butene	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
Trichloroethene	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
Trichlorofluoromethane	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
Vinyl Acetate	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
Vinyl Chloride	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
Xylenes (total)	NA	ND(0.0058)	NA	NA	ND(0.0057)	ND(0.0061)	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
1,2,4-Trichlorobenzene	ND(0.38) J [0.37 J]	NA	NA	NA	0.39	NA	9.8
1,2-Dichlorobenzene	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	0.66
1,2-Diphenylhydrazine	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
1,3,5-Trinitrobenzene	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
1,3-Dichlorobenzene	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	2.0
1,3-Dinitrobenzene	ND(0.77) [ND(0.80)]	NA	NA	NA	ND(0.77)	NA	ND(0.81)
1,4-Dichlorobenzene	ND(0.38) [ND(0.40)]	NA	NA	NA	0.14 J	NA	6.6
1,4-Naphthoquinone	ND(0.77) [ND(0.80)]	NA	NA	NA	ND(0.77)	NA	ND(0.81)
1-Naphthylamine	ND(0.77) [ND(0.80)]	NA	NA	NA	ND(0.77)	NA	ND(0.81)

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	J9-23-22 / J9-23-22-C-16 / 6-15 / 09/17/02	J9-23-22 / J9-23-22-C-16 / 12-15 / 09/17/02	J9-23-22 / J9-23-22-D-16 / 1-3 / 01/30/01	J9-23-22 / J9-23-22-D-16 / 3-6 / 01/30/01	J9-23-22 / J9-23-22-F-16 / 1-3 / 09/17/02	J9-23-22 / J9-23-22-F-16 / 3-5 / 09/17/02	J9-23-22 / J9-23-22-F-16 / 3-6 / 09/17/02
Semivolatile Organics (continued)							
2,3,4,6-Tetrachlorophenol	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
2,4,5-Trichlorophenol	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
2,4,6-Trichlorophenol	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
2,4-Dichlorophenol	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
2,4-Dimethylphenol	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	0.30 J
2,4-Dinitrophenol	ND(2.0) J [ND(2.0) J]	NA	NA	NA	ND(2.0) J	NA	ND(2.1) J
2,4-Dinitrotoluene	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
2,6-Dichlorophenol	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
2,6-Dinitrotoluene	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
2-Acetylaminofluorene	ND(0.77) J [ND(0.80) J]	NA	NA	NA	ND(0.77) J	NA	ND(0.81) J
2-Chloronaphthalene	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
2-Chlorophenol	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
2-Methylnaphthalene	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	0.48
2-Methylphenol	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	1.2
2-Naphthylamine	ND(0.77) [ND(0.80)]	NA	NA	NA	ND(0.77)	NA	ND(0.81)
2-Nitroaniline	ND(2.0) [ND(2.0)]	NA	NA	NA	ND(2.0)	NA	ND(2.1)
2-Nitrophenol	ND(0.77) [ND(0.80)]	NA	NA	NA	ND(0.77)	NA	ND(0.81)
2-Picoline	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
3&4-Methylphenol	ND(0.77) [ND(0.80)]	NA	NA	NA	ND(0.77)	NA	0.94
3,3'-Dichlorobenzidine	ND(0.77) J [ND(0.80) J]	NA	NA	NA	ND(0.77) J	NA	ND(0.81) J
3,3'-Dimethylbenzidine	ND(0.38) J [ND(0.40) J]	NA	NA	NA	ND(0.38) J	NA	ND(0.40) J
3-Methylcholanthrene	ND(0.77) [ND(0.80)]	NA	NA	NA	ND(0.77)	NA	ND(0.81)
3-Nitroaniline	ND(2.0) [ND(2.0)]	NA	NA	NA	ND(2.0)	NA	ND(2.1)
4,6-Dinitro-2-methylphenol	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
4-Aminobiphenyl	ND(0.77) [ND(0.80)]	NA	NA	NA	ND(0.77)	NA	ND(0.81)
4-Bromophenyl-phenylether	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
4-Chloro-3-Methylphenol	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
4-Chloroaniline	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
4-Chlorobenzilate	ND(0.77) [ND(0.80)]	NA	NA	NA	ND(0.77)	NA	ND(0.81)
4-Chlorophenyl-phenylether	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
4-Nitroaniline	ND(2.0) [ND(2.0)]	NA	NA	NA	ND(2.0)	NA	ND(2.1)
4-Nitrophenol	ND(2.0) [ND(2.0)]	NA	NA	NA	ND(2.0)	NA	ND(2.1)
4-Nitroquinoline-1-oxide	ND(0.77) [ND(0.80)]	NA	NA	NA	ND(0.77)	NA	ND(0.81)
4-Phenylenediamine	ND(0.77) J [ND(0.80) J]	NA	NA	NA	ND(0.77) J	NA	ND(0.81) J
5-Nitro-o-toluidine	ND(0.77) [ND(0.80)]	NA	NA	NA	ND(0.77)	NA	ND(0.81)
7,12-Dimethylbenz(a)anthracene	ND(0.77) [ND(0.80)]	NA	NA	NA	ND(0.77)	NA	ND(0.81)
a,a'-Dimethylphenethylamine	ND(0.77) [ND(0.80)]	NA	NA	NA	ND(0.77)	NA	ND(0.81)
Acenaphthene	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	0.67
Acenaphthylene	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
Acetophenone	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
Aniline	ND(0.38) [0.14 J]	NA	NA	NA	0.28 J	NA	39
Anthracene	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	0.23 J
Aramite	ND(0.77) [ND(0.80)]	NA	NA	NA	ND(0.77)	NA	ND(0.81)
Benzidine	ND(0.77) [ND(0.80)]	NA	NA	NA	ND(0.77)	NA	ND(0.81)
Benzo(a)anthracene	ND(0.38) [ND(0.40)]	NA	NA	NA	0.13 J	NA	0.45
Benzo(a)pyrene	ND(0.38) [ND(0.40)]	NA	NA	NA	0.087 J	NA	0.44
Benzo(b)fluoranthene	ND(0.38) [ND(0.40)]	NA	NA	NA	0.14 J	NA	0.77
Benzo(g,h,i)perylene	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	0.38 J
Benzo(k)fluoranthene	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	0.29 J
Benzyl Alcohol	ND(0.77) [ND(0.80)]	NA	NA	NA	ND(0.77)	NA	ND(0.81)
bis(2-Chloroethoxy)methane	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
bis(2-Chloroethyl)ether	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
bis(2-Chloroisopropyl)ether	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
bis(2-Ethylhexyl)phthalate	ND(0.38) [ND(0.39)]	NA	NA	NA	ND(0.38)	NA	1.0
Butylbenzylphthalate	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
Chrysene	ND(0.38) [ND(0.40)]	NA	NA	NA	0.15 J	NA	0.60
Diallate	ND(0.77) [ND(0.80)]	NA	NA	NA	ND(0.77)	NA	ND(0.81)
Dibenzo(a,h)anthracene	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	0.097 J
Dibenzofuran	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	0.30 J
Diethylphthalate	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
Dimethoate	NA	NA	ND(9.2) [ND(9.1)]	ND(2.0)	NA	NA	NA
Dimethylphthalate	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
Di-n-Butylphthalate	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	12
Di-n-Octylphthalate	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
Diphenylamine	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
Disulfoton	NA	NA	ND(1.8) [ND(1.8)]	ND(0.38)	NA	NA	NA
Ethyl Methanesulfonate	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
Ethyl Parathion	NA	NA	ND(1.8) [ND(1.8)]	ND(0.38)	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-22	J9-23-22	J9-23-22	J9-23-22	J9-23-22	J9-23-22	J9-23-22
Sample ID:	J9-23-22-C-16	J9-23-22-C-16	J9-23-22-D-16	J9-23-22-D-16	J9-23-22-F-16	J9-23-22-F-16	J9-23-22-F-16
Sample Depth(Feet):	6-15	12-15	1-3	3-6	1-3	3-5	3-6
Parameter Date Collected:	09/17/02	09/17/02	01/30/01	01/30/01	09/17/02	09/17/02	09/17/02
Semivolatile Organics (continued)							
Fluoranthene	ND(0.38) [ND(0.40)]	NA	NA	NA	0.34 J	NA	0.80
Fluorene	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	0.11 J
Hexachlorobenzene	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
Hexachlorobutadiene	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
Hexachlorocyclopentadiene	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
Hexachloroethane	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
Hexachlorophene	ND(0.77) J [ND(0.80) J]	NA	NA	NA	ND(0.77) J	NA	ND(0.81) J
Hexachloropropene	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
Indeno(1,2,3-cd)pyrene	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	0.29 J
Isodrin	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
Isophorone	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
Isosafrole	ND(0.77) [ND(0.80)]	NA	NA	NA	ND(0.77)	NA	ND(0.81)
Methapyrilene	ND(0.77) [ND(0.80)]	NA	NA	NA	ND(0.77)	NA	ND(0.81)
Methyl Methanesulfonate	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
Methyl Parathion	NA	NA	ND(1.8) [ND(1.8)]	ND(0.38)	NA	NA	NA
Naphthalene	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	1.6
Nitrobenzene	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
N-Nitrosodiethylamine	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
N-Nitrosodimethylamine	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
N-Nitroso-di-n-butylamine	ND(0.77) [ND(0.80)]	NA	NA	NA	ND(0.77)	NA	ND(0.81)
N-Nitroso-di-n-propylamine	ND(0.38) J [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
N-Nitrosodiphenylamine	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
N-Nitrosomethylethylamine	ND(0.77) [ND(0.80)]	NA	NA	NA	ND(0.77)	NA	ND(0.81)
N-Nitrosomorpholine	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
N-Nitrosopiperidine	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
N-Nitrosopyrrolidine	ND(0.77) [ND(0.80)]	NA	NA	NA	ND(0.77)	NA	ND(0.81)
o,o,o-Triethylphosphorothioate	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
o-Toluidine	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
p-Dimethylaminoazobenzene	ND(0.77) [ND(0.80)]	NA	NA	NA	ND(0.77)	NA	ND(0.81)
Pentachlorobenzene	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
Pentachloroethane	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
Pentachloronitrobenzene	ND(0.77) [ND(0.80)]	NA	NA	NA	ND(0.77)	NA	ND(0.81)
Pentachlorophenol	ND(2.0) [ND(2.0)]	NA	NA	NA	ND(2.0)	NA	ND(2.1)
Phenacetin	ND(0.77) [ND(0.80)]	NA	NA	NA	ND(0.77)	NA	ND(0.81)
Phenanthrene	ND(0.38) [ND(0.40)]	NA	NA	NA	0.24 J	NA	0.59
Phenol	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	14
Phorate	NA	NA	ND(1.8) [ND(1.8)]	ND(0.38)	NA	NA	NA
Pronamide	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
Pyrene	ND(0.38) [ND(0.40)]	NA	NA	NA	0.30 J	NA	1.5
Pyridine	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
Safrole	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
Sulfotep	NA	NA	ND(1.8) [ND(1.8)]	ND(0.38)	NA	NA	NA
Thionazin	ND(0.38) [ND(0.40)]	NA	NA	NA	ND(0.38)	NA	ND(0.40)
Organochlorine Pesticides							
4,4'-DDD	NA	NA	ND(0.92) [ND(0.018)]	ND(0.20)	NA	NA	NA
4,4'-DDE	NA	NA	ND(0.92) [ND(0.018)]	ND(0.20)	NA	NA	NA
4,4'-DDT	NA	NA	ND(1.8) [ND(0.035)]	ND(0.38)	NA	NA	NA
Aldrin	NA	NA	ND(0.92) [ND(0.018)]	ND(0.20)	NA	NA	NA
Alpha-BHC	NA	NA	ND(0.92) [ND(0.018)]	ND(0.20)	NA	NA	NA
Alpha-Chlordane	NA	NA	ND(0.92) [ND(0.018)]	ND(0.20)	NA	NA	NA
Beta-BHC	NA	NA	ND(0.92) [ND(0.018)]	ND(0.20)	NA	NA	NA
Delta-BHC	NA	NA	ND(0.92) [ND(0.018)]	ND(0.20)	NA	NA	NA
Dieldrin	NA	NA	ND(0.92) [ND(0.018)]	ND(0.20)	NA	NA	NA
Endosulfan I	NA	NA	ND(0.92) [ND(0.018)]	ND(0.20)	NA	NA	NA
Endosulfan II	NA	NA	ND(1.8) [ND(0.035)]	ND(0.38)	NA	NA	NA
Endosulfan Sulfate	NA	NA	ND(1.8) [ND(0.035)]	ND(0.38)	NA	NA	NA
Endrin	NA	NA	ND(0.92) [ND(0.018)]	ND(0.20)	NA	NA	NA
Endrin Aldehyde	NA	NA	ND(1.8) [ND(0.035)]	ND(0.38)	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	ND(0.92) [ND(0.018)]	ND(0.20)	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	ND(0.92) [ND(0.018)]	ND(0.20)	NA	NA	NA
Gamma-Chlordane	NA	NA	ND(0.92) [ND(0.018)]	ND(0.20)	NA	NA	NA
Heptachlor	NA	NA	ND(0.92) [ND(0.018)]	ND(0.20)	NA	NA	NA
Heptachlor Epoxide	NA	NA	ND(0.92) [ND(0.018)]	ND(0.20)	NA	NA	NA
Kepone	NA	NA	ND(0.92) [ND(0.018)]	ND(0.20)	NA	NA	NA
Methoxychlor	NA	NA	ND(3.6) [ND(0.071)]	ND(0.76)	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	ND(18) [ND(0.35)]	ND(3.8)	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	Parcel ID:	J9-23-22	J9-23-22	J9-23-22	J9-23-22	J9-23-22	J9-23-22	J9-23-22
	Sample ID:	J9-23-22-C-16	J9-23-22-C-16	J9-23-22-D-16	J9-23-22-D-16	J9-23-22-F-16	J9-23-22-F-16	J9-23-22-F-16
	Sample Depth(Feet):	6-15	12-15	1-3	3-6	1-3	3-5	3-6
Parameter	Date Collected:	09/17/02	09/17/02	01/30/01	01/30/01	09/17/02	09/17/02	09/17/02
Herbicides								
2,4,5-T		NA	NA	ND(1.1) [ND(1.1)]	ND(1.2)	NA	NA	NA
2,4,5-TP		NA	NA	ND(1.1) [ND(1.1)]	ND(1.2)	NA	NA	NA
2,4-D		NA	NA	ND(1.1) [ND(1.1)]	ND(1.2)	NA	NA	NA
Dinoseb		NA	NA	ND(0.22) [ND(0.21)]	ND(0.046)	NA	NA	NA
Furans								
2,3,7,8-TCDF		ND(0.00000022)	NA	NA	NA	0.00096 YEJ	NA	0.036 YEJ
TCDFs (total)		ND(0.00000022)	NA	NA	NA	0.0071	NA	0.26 I
1,2,3,7,8-PeCDF		0.00000027 J	NA	NA	NA	0.00039	NA	0.018 EJ
2,3,4,7,8-PeCDF		0.00000020 J	NA	NA	NA	0.00088	NA	0.026 EJ
PeCDFs (total)		0.00000084	NA	NA	NA	0.0086 IQ	NA	0.23 QI
1,2,3,4,7,8-HxCDF		0.00000042 J	NA	NA	NA	0.0025 EJ	NA	0.049 EJ
1,2,3,6,7,8-HxCDF		0.00000025 J	NA	NA	NA	0.00073	NA	0.024 EJ
1,2,3,7,8,9-HxCDF		ND(0.00000030)	NA	NA	NA	0.00033	NA	0.0044
2,3,4,6,7,8-HxCDF		ND(0.00000030)	NA	NA	NA	0.00092	NA	0.012 EJ
HxCDFs (total)		0.0000010	NA	NA	NA	0.017	NA	0.20 I
1,2,3,4,6,7,8-HpCDF		0.00000042 J	NA	NA	NA	0.0044 EJ	NA	0.048 EJ
1,2,3,4,7,8,9-HpCDF		ND(0.00000030)	NA	NA	NA	0.0015	NA	0.0069
HpCDFs (total)		0.00000042	NA	NA	NA	0.010	NA	0.067
OCDF		ND(0.00000059)	NA	NA	NA	0.018 EIJ	NA	0.043 EJ
Dioxins								
2,3,7,8-TCDD		ND(0.00000034)	NA	NA	NA	0.000013	NA	0.00032
TCDDs (total)		ND(0.00000034)	NA	NA	NA	0.00026	NA	0.0067
1,2,3,7,8-PeCDD		ND(0.00000030)	NA	NA	NA	0.000083	NA	0.00085
PeCDDs (total)		ND(0.00000039)	NA	NA	NA	0.00089 Q	NA	0.011 Q
1,2,3,4,7,8-HxCDD		ND(0.00000034)	NA	NA	NA	0.00012 J	NA	0.00078
1,2,3,6,7,8-HxCDD		ND(0.00000030)	NA	NA	NA	0.00010	NA	0.00096
1,2,3,7,8,9-HxCDD		ND(0.00000031)	NA	NA	NA	0.00011	NA	0.00078
HxCDDs (total)		ND(0.00000049)	NA	NA	NA	0.0021	NA	0.015
1,2,3,4,6,7,8-HpCDD		0.00000033 J	NA	NA	NA	0.00038	NA	0.0045
HpCDDs (total)		0.00000033	NA	NA	NA	0.00093	NA	0.0096
OCDD		ND(0.0000024)	NA	NA	NA	0.00077	NA	0.0093
Total TEQs (WHO TEFs)		0.00000060	NA	NA	NA	0.0012	NA	0.028
Inorganics								
Antimony		ND(6.0)	NA	NA	NA	ND(6.0)	NA	30.0
Arsenic		4.70	NA	NA	NA	6.40	NA	30.0
Barium		25.0	NA	NA	NA	62.0	NA	470
Beryllium		ND(0.500)	NA	NA	NA	ND(0.500)	NA	0.790
Cadmium		ND(0.50)	NA	NA	NA	0.600	NA	16.0
Chromium		7.70	NA	NA	NA	12.0	NA	250
Cobalt		10.0	NA	NA	NA	6.10	NA	23.0
Copper		21.0	NA	NA	NA	97.0	NA	5500
Cyanide		ND(0.120)	NA	NA	NA	ND(0.110)	NA	0.400 B
Lead		7.90	NA	NA	NA	88.0	NA	5000
Mercury		0.0100 B	NA	NA	NA	0.360	NA	12.0
Nickel		17.0	NA	NA	NA	15.0	NA	180
Selenium		ND(1.00)	NA	NA	NA	ND(1.00)	NA	ND(1.00)
Silver		ND(1.00)	NA	NA	NA	ND(1.0)	NA	3.70
Sulfide		24.0	NA	NA	NA	62.0	NA	350
Thallium		ND(1.70)	NA	NA	NA	ND(1.70)	NA	ND(1.80)
Tin		ND(10)	NA	NA	NA	ND(12)	NA	270
Vanadium		6.80	NA	NA	NA	8.10	NA	17.0
Zinc		45.0	NA	NA	NA	140	NA	4900

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	J9-23-22 / J9-23-22-G-17 / 0-1 / 01/29/01	J9-23-22 / J9-23-22-H-16 / 3-4 / 01/29/01	J9-23-22 / J9-23-22-H-16 / 3-6 / 01/29/01	J9-23-22 / J9-23-22-H-16 / 6-15 / 09/17/02	J9-23-22 / J9-23-22-H-16 / 12-15 / 09/17/02	J9-23-22 / J9-23-22-J-17 / 0-1 / 01/24/01	J9-23-22 / J9-23-22-J-18 / 1-3 / 01/24/01
Volatile Organics							
1,1,1,2-Tetrachloroethane	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
1,1,1-Trichloroethane	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
1,1,2,2-Tetrachloroethane	ND(0.0054)	R	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
1,1,2-Trichloroethane	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
1,1-Dichloroethane	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
1,1-Dichloroethene	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
1,2,3-Trichloropropane	ND(0.0054)	R	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
1,2-Dibromo-3-chloropropane	ND(0.0054)	R	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
1,2-Dibromoethane	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
1,2-Dichloroethane	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
1,2-Dichloropropane	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
1,4-Dioxane	ND(1.1) J	ND(1.8) J	NA	NA	ND(0.12) J	ND(1.1) J	ND(1.2) J
2-Butanone	ND(0.011)	ND(0.018) J	NA	NA	ND(0.012)	ND(0.011)	ND(0.012)
2-Chloro-1,3-butadiene	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
2-Chloroethylvinylether	ND(0.011)	ND(0.018) J	NA	NA	ND(0.0061) J	ND(0.011)	ND(0.012)
2-Hexanone	ND(0.011)	ND(0.018) J	NA	NA	ND(0.012) J	ND(0.011)	ND(0.012)
3-Chloropropene	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
4-Methyl-2-pentanone	ND(0.011)	ND(0.018) J	NA	NA	ND(0.012)	ND(0.011)	ND(0.012)
Acetone	0.0059 J	0.022 J	NA	NA	ND(0.024)	ND(0.022)	0.0096 J
Acetonitrile	ND(0.11) J	ND(0.18) J	NA	NA	ND(0.12)	ND(0.11) J	ND(0.12) J
Acrolein	ND(0.11)	ND(0.18) J	NA	NA	ND(0.12) J	ND(0.11)	ND(0.12)
Acrylonitrile	ND(0.11)	ND(0.18) J	NA	NA	ND(0.0061)	ND(0.11)	ND(0.12)
Benzene	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
Bromodichloromethane	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
Bromoform	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
Bromomethane	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
Carbon Disulfide	ND(0.011)	ND(0.018) J	NA	NA	ND(0.0061)	ND(0.011)	ND(0.012)
Carbon Tetrachloride	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
Chlorobenzene	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
Chloroethane	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
Chloroform	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
Chloromethane	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061) J	ND(0.0055)	ND(0.0061)
cis-1,3-Dichloropropene	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
Dibromochloromethane	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
Dibromomethane	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
Dichlorodifluoromethane	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061) J	ND(0.0055)	ND(0.0061)
Ethyl Methacrylate	ND(0.011)	ND(0.018) J	NA	NA	ND(0.0061)	ND(0.011)	ND(0.012)
Ethylbenzene	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
Iodomethane	ND(0.011)	ND(0.018) J	NA	NA	ND(0.0061)	ND(0.011)	ND(0.012)
Isobutanol	ND(0.22) J	ND(0.37) J	NA	NA	ND(0.12) J	ND(0.22) J	ND(0.24) J
m&p-Xylene	ND(0.0054)	ND(0.0092) J	NA	NA	NA	ND(0.0055)	ND(0.0061)
Methacrylonitrile	ND(0.11)	ND(0.18) J	NA	NA	ND(0.0061)	ND(0.11)	ND(0.12)
Methyl Methacrylate	ND(0.011)	ND(0.018) J	NA	NA	ND(0.0061)	ND(0.011)	ND(0.012)
Methylene Chloride	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
o-Xylene	ND(0.0054)	ND(0.0092) J	NA	NA	NA	ND(0.0055)	ND(0.0061)
Propionitrile	ND(0.11)	ND(0.18) J	NA	NA	ND(0.012)	ND(0.11)	ND(0.12)
Styrene	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
Tetrachloroethene	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
Toluene	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061)	0.0042 J	0.0029 J
trans-1,2-Dichloroethene	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
trans-1,3-Dichloropropene	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
trans-1,4-Dichloro-2-butene	ND(0.0054)	R	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
Trichloroethene	ND(0.0054)	0.0064 J	NA	NA	ND(0.0061)	ND(0.0055)	0.023
Trichlorofluoromethane	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
Vinyl Acetate	ND(0.011) J	ND(0.018) J	NA	NA	ND(0.0061)	ND(0.011)	ND(0.012)
Vinyl Chloride	ND(0.0054)	ND(0.0092) J	NA	NA	ND(0.0061)	ND(0.0055)	ND(0.0061)
Xylenes (total)	NA	NA	NA	NA	ND(0.0061)	NA	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
1,2,4-Trichlorobenzene	ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	1.8 J
1,2-Dichlorobenzene	ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
1,2-Diphenylhydrazine	ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
1,3,5-Trinitrobenzene	ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
1,3-Dichlorobenzene	ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
1,3-Dinitrobenzene	ND(0.35)	NA	ND(0.39)	ND(0.82)	NA	ND(0.37)	ND(2.0)
1,4-Dichlorobenzene	ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
1,4-Naphthoquinone	ND(1.8)	NA	ND(2.0)	ND(0.82)	NA	ND(1.9)	ND(10)
1-Naphthylamine	ND(0.35)	NA	ND(0.39)	ND(0.82)	NA	ND(0.37)	ND(2.0)

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	J9-23-22	J9-23-22	J9-23-22	J9-23-22	J9-23-22	J9-23-22	J9-23-22
	Sample ID:	J9-23-22-G-17	J9-23-22-H-16	J9-23-22-H-16	J9-23-22-H-16	J9-23-22-H-16	J9-23-22-J-17	J9-23-22-J-18
	Sample Depth(Feet):	0-1	3-4	3-6	6-15	12-15	0-1	1-3
	Date Collected:	01/29/01	01/29/01	01/29/01	09/17/02	09/17/02	01/24/01	01/24/01
Semivolatile Organics (continued)								
2,3,4,6-Tetrachlorophenol		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
2,4,5-Trichlorophenol		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
2,4,6-Trichlorophenol		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
2,4-Dichlorophenol		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
2,4-Dimethylphenol		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	3.2
2,4-Dinitrophenol		ND(1.8) J	NA	ND(2.0) J	ND(2.1) J	NA	ND(1.9)	ND(10)
2,4-Dinitrotoluene		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
2,6-Dichlorophenol		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
2,6-Dinitrotoluene		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
2-Acetylaminofluorene		ND(0.35)	NA	ND(0.39)	ND(0.82) J	NA	ND(0.37)	ND(2.0)
2-Chloronaphthalene		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
2-Chlorophenol		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
2-Methylnaphthalene		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
2-Methylphenol		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	11
2-Naphthylamine		ND(0.35)	NA	ND(0.39)	ND(0.82)	NA	ND(0.37)	ND(2.0)
2-Nitroaniline		ND(1.8)	NA	ND(2.0)	ND(2.1)	NA	ND(1.9)	ND(10)
2-Nitrophenol		ND(0.35)	NA	ND(0.39)	ND(0.82)	NA	ND(0.37)	ND(2.0)
2-Picoline		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
3&4-Methylphenol		ND(0.35)	NA	ND(0.39)	ND(0.82)	NA	ND(0.37)	6.4
3,3'-Dichlorobenzidine		ND(0.35)	NA	ND(0.39)	ND(0.82) J	NA	ND(0.37)	ND(2.0)
3,3'-Dimethylbenzidine		ND(0.35)	NA	ND(0.39)	ND(0.41) J	NA	ND(0.37)	ND(2.0)
3-Methylcholanthrene		ND(0.35)	NA	ND(0.39)	ND(0.82)	NA	ND(0.37)	ND(2.0)
3-Nitroaniline		ND(1.8)	NA	ND(2.0)	ND(2.1)	NA	ND(1.9)	ND(10)
4,6-Dinitro-2-methylphenol		ND(1.8)	NA	ND(2.0)	ND(0.41)	NA	ND(1.9)	ND(10)
4-Aminobiphenyl		ND(1.8)	NA	ND(2.0)	ND(0.82)	NA	ND(1.9)	ND(10)
4-Bromophenyl-phenylether		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
4-Chloro-3-Methylphenol		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
4-Chloroaniline		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
4-Chlorobenzilate		ND(0.35)	NA	ND(0.39)	ND(0.82)	NA	ND(0.37)	ND(2.0)
4-Chlorophenyl-phenylether		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
4-Nitroaniline		ND(1.8)	NA	ND(2.0)	ND(2.1)	NA	ND(1.9)	ND(10)
4-Nitrophenol		ND(1.8)	NA	ND(2.0)	ND(2.1)	NA	ND(1.9)	ND(10)
4-Nitroquinoline-1-oxide		ND(1.8) J	NA	ND(2.0) J	ND(0.82)	NA	ND(1.9)	ND(10)
4-Phenylenediamine		ND(1.8) J	NA	ND(2.0) J	ND(0.82) J	NA	ND(1.9)	ND(10)
5-Nitro-o-toluidine		ND(0.35)	NA	ND(0.39)	ND(0.82)	NA	ND(0.37)	ND(2.0)
7,12-Dimethylbenz(a)anthracene		ND(0.35)	NA	ND(0.39)	ND(0.82)	NA	ND(0.37)	ND(2.0)
a,a'-Dimethylphenethylamine		ND(1.8)	NA	ND(2.0)	ND(0.82)	NA	ND(1.9)	ND(10)
Acenaphthene		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
Acenaphthylene		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
Acetophenone		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
Aniline		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	0.044 J	200 D
Anthracene		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
Aramite		ND(1.8)	NA	ND(2.0)	ND(0.82)	NA	ND(1.9)	ND(10)
Benzidine		ND(3.5) J	NA	ND(3.9) J	ND(0.82)	NA	ND(3.7) J	ND(20) J
Benzo(a)anthracene		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	0.062 J	0.94 J
Benzo(a)pyrene		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	0.078 J	0.93 J
Benzo(b)fluoranthene		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	0.079 J	0.62 J
Benzo(g,h,i)perylene		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	0.64 J
Benzo(k)fluoranthene		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	0.076 J	0.58 J
Benzyl Alcohol		ND(1.8)	NA	ND(2.0)	ND(0.82)	NA	ND(1.9)	ND(10)
bis(2-Chloroethoxy)methane		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
bis(2-Chloroethyl)ether		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
bis(2-Chloroisopropyl)ether		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37) J	ND(2.0) J
bis(2-Ethylhexyl)phthalate		ND(0.35)	NA	ND(0.39)	ND(0.40)	NA	ND(0.37)	ND(2.0)
Butylbenzylphthalate		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
Chrysene		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	0.085 J	1.2 J
Diallate		ND(0.35)	NA	ND(0.39)	ND(0.82)	NA	ND(0.37)	ND(2.0)
Dibenzo(a,h)anthracene		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	0.25 J
Dibenzofuran		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
Diethylphthalate		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
Dimethoate		NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
Di-n-Butylphthalate		ND(0.35)	NA	ND(0.39)	0.19 J	NA	ND(0.37)	27
Di-n-Octylphthalate		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
Diphenylamine		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
Disulfoton		NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
Ethyl Parathion		NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	J9-23-22	J9-23-22	J9-23-22	J9-23-22	J9-23-22	J9-23-22	J9-23-22
	Sample ID:	J9-23-22-G-17	J9-23-22-H-16	J9-23-22-H-16	J9-23-22-H-16	J9-23-22-H-16	J9-23-22-J-17	J9-23-22-J-18
	Sample Depth(Feet):	0-1	3-4	3-6	6-15	12-15	0-1	1-3
	Date Collected:	01/29/01	01/29/01	01/29/01	09/17/02	09/17/02	01/24/01	01/24/01
Semivolatile Organics (continued)								
Fluoranthene		ND(0.35)	NA	0.094 J	ND(0.41)	NA	0.16 J	1.1 J
Fluorene		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
Hexachlorobenzene		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
Hexachlorobutadiene		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
Hexachlorocyclopentadiene		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
Hexachloroethane		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
Hexachlorophene		R	NA	R	ND(0.82) J	NA	R	R
Hexachloropropene		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
Indeno(1,2,3-cd)pyrene		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	0.070 J	0.44 J
Isodrin		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
Isophorone		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
Isosafrole		ND(0.35)	NA	ND(0.39)	ND(0.82)	NA	ND(0.37)	ND(2.0)
Methapyrilene		ND(1.8)	NA	ND(2.0)	ND(0.82)	NA	ND(1.9)	ND(10)
Methyl Methanesulfonate		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
Methyl Parathion		NA	NA	NA	NA	NA	NA	NA
Naphthalene		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	0.48 J
Nitrobenzene		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
N-Nitrosodiethylamine		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
N-Nitrosodimethylamine		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
N-Nitroso-di-n-butylamine		ND(0.35)	NA	ND(0.39)	ND(0.82)	NA	ND(0.37)	ND(2.0)
N-Nitroso-di-n-propylamine		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
N-Nitrosodiphenylamine		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
N-Nitrosomethylethylamine		ND(0.35)	NA	ND(0.39)	ND(0.82)	NA	ND(0.37)	ND(2.0)
N-Nitrosomorpholine		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
N-Nitrosopiperidine		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
N-Nitrosopyrrolidine		ND(0.35)	NA	ND(0.39)	ND(0.82)	NA	ND(0.37)	ND(2.0)
o,o,o-Triethylphosphorothioate		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
o-Toluidine		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
p-Dimethylaminoazobenzene		ND(0.35)	NA	ND(0.39)	ND(0.82)	NA	ND(0.37)	ND(2.0)
Pentachlorobenzene		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
Pentachloroethane		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
Pentachloronitrobenzene		ND(0.35)	NA	ND(0.39)	ND(0.82)	NA	ND(0.37)	ND(2.0)
Pentachlorophenol		ND(1.8)	NA	ND(2.0)	ND(2.1)	NA	ND(1.9)	ND(10)
Phenacetin		ND(0.35)	NA	ND(0.39)	ND(0.82)	NA	ND(0.37)	ND(2.0)
Phenanthrene		ND(0.35)	NA	0.077 J	ND(0.41)	NA	0.089 J	0.45 J
Phenol		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	68 D
Phorate		NA	NA	NA	NA	NA	NA	NA
Pronamide		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
Pyrene		ND(0.35)	NA	0.086 J	ND(0.41)	NA	0.14 J	1.8 J
Pyridine		ND(1.8)	NA	ND(2.0)	ND(0.41)	NA	ND(1.9)	ND(10)
Safrole		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
Sulfotep		NA	NA	NA	NA	NA	NA	NA
Thionazin		ND(0.35)	NA	ND(0.39)	ND(0.41)	NA	ND(0.37)	ND(2.0)
Organochlorine Pesticides								
4,4'-DDD		NA	NA	NA	NA	NA	NA	NA
4,4'-DDE		NA	NA	NA	NA	NA	NA	NA
4,4'-DDT		NA	NA	NA	NA	NA	NA	NA
Aldrin		NA	NA	NA	NA	NA	NA	NA
Alpha-BHC		NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane		NA	NA	NA	NA	NA	NA	NA
Beta-BHC		NA	NA	NA	NA	NA	NA	NA
Delta-BHC		NA	NA	NA	NA	NA	NA	NA
Dieldrin		NA	NA	NA	NA	NA	NA	NA
Endosulfan I		NA	NA	NA	NA	NA	NA	NA
Endosulfan II		NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate		NA	NA	NA	NA	NA	NA	NA
Endrin		NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde		NA	NA	NA	NA	NA	NA	NA
Endrin Ketone		NA	NA	NA	NA	NA	NA	NA
Famphur		NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)		NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane		NA	NA	NA	NA	NA	NA	NA
Heptachlor		NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide		NA	NA	NA	NA	NA	NA	NA
Kepone		NA	NA	NA	NA	NA	NA	NA
Methoxychlor		NA	NA	NA	NA	NA	NA	NA
Technical Chlordane		NA	NA	NA	NA	NA	NA	NA
Toxaphene		NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	J9-23-22 / J9-23-22-G-17 / 0-1 / 01/29/01	J9-23-22 / J9-23-22-H-16 / 3-4 / 01/29/01	J9-23-22 / J9-23-22-H-16 / 3-6 / 01/29/01	J9-23-22 / J9-23-22-H-16 / 6-15 / 09/17/02	J9-23-22 / J9-23-22-H-16 / 12-15 / 09/17/02	J9-23-22 / J9-23-22-J-17 / 0-1 / 01/24/01	J9-23-22 / J9-23-22-J-18 / 1-3 / 01/24/01
Herbicides							
2,4,5-T	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	0.00058 DJ	NA	0.00019	0.000048 Y	NA	0.000043	0.0094 D
TCDFs (total)	0.0026	NA	0.00099	0.00044	NA	0.00016	0.048
1,2,3,7,8-PeCDF	0.00013	NA	0.000054	0.000019	NA	0.0000097	0.0040 D
2,3,4,7,8-PeCDF	0.00018	NA	0.000063	0.000020	NA	0.000014	0.0059 D
PeCDFs (total)	0.0016	NA	0.00066	0.00022	NA	0.00013	0.022
1,2,3,4,7,8-HxCDF	0.00043	NA	0.00028	0.000023	NA	0.000026	0.016 D
1,2,3,6,7,8-HxCDF	0.00017	NA	0.000088	0.000013	NA	0.000010	0.0046 D
1,2,3,7,8,9-HxCDF	0.0000024	NA	0.000013	0.0000019 J	NA	0.0000015	0.0021 DJ
2,3,4,6,7,8-HxCDF	0.000095	NA	0.000047	0.0000060	NA	0.0000075 J	0.0017 DJ
HxCDFs (total)	0.0014	NA	0.0010	0.00010	NA	0.00011	0.025
1,2,3,4,6,7,8-HpCDF	0.00099 DJ	NA	0.00019	0.000024	NA	0.000035	0.015 D
1,2,3,4,7,8,9-HpCDF	0.00022	NA	0.00013	0.0000034	NA	0.0000038	0.0060 D
HpCDFs (total)	0.0011	NA	0.00054	0.000033	NA	0.000066	0.018
OCDF	0.0014 DJ	NA	0.00018	0.000022	NA	0.000048	0.035 D
Dioxins							
2,3,7,8-TCDD	0.0000018	NA	0.0000022	0.00000045 J	NA	ND(0.00000022) JX	0.000034
TCDDs (total)	0.000037	NA	0.000057	0.0000070	NA	0.0000013 J	0.00063
1,2,3,7,8-PeCDD	0.0000053	NA	0.000027	0.00000055 J	NA	0.00000061 J	0.00014
PeCDDs (total)	0.000048	NA	0.00041	0.0000043	NA	0.0000028	0.00077
1,2,3,4,7,8-HxCDD	0.0000040	NA	0.000013	ND(0.00000028) X	NA	0.00000071 J	0.000098
1,2,3,6,7,8-HxCDD	0.0000083	NA	0.00011	ND(0.00000042) X	NA	0.0000042	0.00013
1,2,3,7,8,9-HxCDD	0.000012	NA	0.000060	ND(0.00000029) X	NA	0.0000027	0.00014
HxCDDs (total)	0.00010	NA	0.0011	0.0000050	NA	0.000032	0.0013
1,2,3,4,6,7,8-HpCDD	0.000066	NA	0.00028	0.0000021 J	NA	0.000054	0.00069 DJ
HpCDDs (total)	0.00013	NA	0.00062	0.0000021	NA	0.000098	0.0015
OCDD	0.00018	NA	0.00015	0.0000051 J	NA	0.00030	0.00087 DJ
Total TEQs (WHO TEFs)	0.00025	NA	0.00015	0.000021	NA	0.000019	0.00069 DJ
Inorganics							
Antimony	3.80	NA	2.60	ND(6.0)	NA	ND(0.640)	1.20
Arsenic	6.30	NA	5.40	6.50	NA	7.40 J	6.20 J
Barium	55.8	NA	483	ND(20.0)	NA	34.0	140
Beryllium	0.0900	NA	ND(0.0400)	ND(0.500)	NA	ND(0.0400)	ND(0.0400)
Cadmium	0.140	NA	ND(0.0500)	ND(0.50)	NA	0.520	1.40
Chromium	12.5 J	NA	5.90 J	6.60	NA	13.7	36.3
Cobalt	9.50	NA	5.10	6.80	NA	9.50	8.50
Copper	189	NA	281	12.0	NA	36.7 J	1230 J
Cyanide	ND(1.08)	NA	ND(1.17)	ND(0.240)	NA	ND(1.11)	ND(1.21)
Lead	115 J	NA	19.6 J	6.20	NA	78.0	484
Mercury	0.0800	NA	0.0400	0.0110 B	NA	0.0400	0.840
Nickel	21.9	NA	9.80	12.0	NA	18.0	32.2
Selenium	0.300	NA	0.330	ND(1.00)	NA	ND(0.560) J	0.640 J
Silver	ND(0.0800)	NA	ND(0.0900)	ND(1.0)	NA	0.300	1.60
Sulfide	ND(21.5)	NA	ND(23.4)	21.0	NA	ND(22.1)	ND(24.2)
Thallium	ND(0.400)	NA	0.900	ND(1.80)	NA	0.240 J	ND(0.250) J
Tin	17.5	NA	11.8	ND(10)	NA	ND(3.18)	28.3
Vanadium	9.70	NA	9.40	6.70	NA	9.20	9.10
Zinc	192	NA	81.2	37.0	NA	106	501

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-22	J9-23-22	J9-23-22	J9-23-22	J9-23-23	J9-23-23	J9-23-23
Sample ID:	J9-23-22-J-18	J9-23-22-K-18	J9-23-22-MO-12	MO-14	J9-23-23-C-17	J9-23-23-D-18	J9-23-23-D-18
Sample Depth(Feet):	1-3	0-1	0-1	3-6	0-1	1-3	3-4
Parameter Date Collected:	09/17/02	01/24/01	01/29/01	01/09/03	01/31/01	01/31/01	01/31/01
Volatile Organics							
1,1,1,2-Tetrachloroethane	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
1,1,1-Trichloroethane	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
1,1,2,2-Tetrachloroethane	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
1,1,2-Trichloroethane	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
1,1-Dichloroethane	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
1,1-Dichloroethene	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
1,2,3-Trichloropropane	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
1,2-Dibromo-3-chloropropane	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
1,2-Dibromoethane	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
1,2-Dichloroethane	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
1,2-Dichloropropane	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
1,4-Dioxane	NA	ND(1.1) J	ND(1.2) J	NA	NA	ND(1.1) J	ND(1.2) J
2-Butanone	NA	ND(0.011)	ND(0.012)	NA	NA	ND(0.011)	ND(0.012) J
2-Chloro-1,3-butadiene	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
2-Chloroethylvinylether	NA	ND(0.011)	ND(0.012)	NA	NA	ND(0.011) J	ND(0.012) J
2-Hexanone	NA	ND(0.011)	ND(0.012)	NA	NA	ND(0.011)	ND(0.012) J
3-Chloropropene	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
4-Methyl-2-pentanone	NA	ND(0.011)	ND(0.012)	NA	NA	ND(0.011)	ND(0.012) J
Acetone	NA	ND(0.023)	0.0086 J	NA	NA	ND(0.022)	0.011 J
Acetonitrile	NA	ND(0.11) J	ND(0.12) J	NA	NA	ND(0.11) J	ND(0.12) J
Acrolein	NA	ND(0.11)	ND(0.12)	NA	NA	ND(0.11)	ND(0.12) J
Acrylonitrile	NA	ND(0.11)	ND(0.12)	NA	NA	ND(0.11)	ND(0.12) J
Benzene	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	0.0015 J
Bromodichloromethane	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
Bromoform	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
Bromomethane	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
Carbon Disulfide	NA	ND(0.011)	ND(0.012)	NA	NA	ND(0.011)	ND(0.012) J
Carbon Tetrachloride	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
Chlorobenzene	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
Chloroethane	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
Chloroform	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
Chloromethane	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
cis-1,3-Dichloropropene	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
Dibromochloromethane	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
Dibromomethane	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
Dichlorodifluoromethane	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
Ethyl Methacrylate	NA	ND(0.011)	ND(0.012)	NA	NA	ND(0.011)	ND(0.012) J
Ethylbenzene	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
Iodomethane	NA	ND(0.011)	ND(0.012)	NA	NA	ND(0.011)	ND(0.012) J
Isobutanol	NA	ND(0.23) J	ND(0.23) J	NA	NA	ND(0.22) J	ND(0.23) J
m&p-Xylene	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
Methacrylonitrile	NA	ND(0.11)	ND(0.12)	NA	NA	ND(0.11)	ND(0.12) J
Methyl Methacrylate	NA	ND(0.011)	ND(0.012)	NA	NA	ND(0.011)	ND(0.012) J
Methylene Chloride	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
o-Xylene	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
Propionitrile	NA	ND(0.11)	ND(0.12)	NA	NA	ND(0.11)	ND(0.12) J
Styrene	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
Tetrachloroethene	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
Toluene	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	0.0013 J
trans-1,2-Dichloroethene	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
trans-1,3-Dichloropropene	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
trans-1,4-Dichloro-2-butene	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
Trichloroethene	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	0.076 J
Trichlorofluoromethane	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
Vinyl Acetate	NA	ND(0.011)	ND(0.012) J	NA	NA	ND(0.011)	ND(0.012) J
Vinyl Chloride	NA	ND(0.0056)	ND(0.0058)	NA	NA	ND(0.0056)	ND(0.0059) J
Xylenes (total)	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	0.17 J	NA
1,2,4-Trichlorobenzene	NA	0.070 J	ND(0.38)	NA	0.33 J	2.2	NA
1,2-Dichlorobenzene	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
1,2-Diphenylhydrazine	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
1,3,5-Trinitrobenzene	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
1,3-Dichlorobenzene	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
1,3-Dinitrobenzene	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
1,4-Dichlorobenzene	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	0.038 J	NA
1,4-Naphthoquinone	NA	ND(1.9)	ND(2.0)	NA	ND(4.3) J	ND(1.9) J	NA
1-Naphthylamine	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	J9-23-22 J9-23-22-J-18 1-3 09/17/02	J9-23-22 J9-23-22-K-18 0-1 01/24/01	J9-23-22 J9-23-22-MO-12 0-1 01/29/01	J9-23-22 MO-14 3-6 01/09/03	J9-23-23 J9-23-23-C-17 0-1 01/31/01	J9-23-23 J9-23-23-D-18 1-3 01/31/01	J9-23-23 J9-23-23-D-18 3-4 01/31/01
Semivolatile Organics (continued)							
2,3,4,6-Tetrachlorophenol	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
2,4,5-Trichlorophenol	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
2,4,6-Trichlorophenol	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
2,4-Dichlorophenol	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
2,4-Dimethylphenol	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
2,4-Dinitrophenol	NA	ND(1.9)	ND(2.0) J	NA	ND(4.3)	ND(1.9)	NA
2,4-Dinitrotoluene	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
2,6-Dichlorophenol	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
2,6-Dinitrotoluene	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
2-Acetylaminofluorene	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
2-Chloronaphthalene	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
2-Chlorophenol	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
2-Methylnaphthalene	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
2-Methylphenol	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
2-Naphthylamine	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
2-Nitroaniline	NA	ND(1.9)	ND(2.0)	NA	ND(4.3)	ND(1.9)	NA
2-Nitrophenol	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
2-Picoline	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
3&4-Methylphenol	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
3,3'-Dichlorobenzidine	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
3,3'-Dimethylbenzidine	ND(0.39) J	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
3-Methylcholanthrene	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
3-Nitroaniline	NA	ND(1.9)	ND(2.0)	NA	ND(4.3)	ND(1.9)	NA
4,6-Dinitro-2-methylphenol	NA	ND(1.9)	ND(2.0)	NA	ND(4.3)	ND(1.9)	NA
4-Aminobiphenyl	NA	ND(1.9)	ND(2.0)	NA	ND(4.3)	ND(1.9)	NA
4-Bromophenyl-phenylether	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
4-Chloro-3-Methylphenol	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
4-Chloroaniline	NA	ND(0.37)	ND(0.38)	NA	R	R	NA
4-Chlorobenzilate	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
4-Chlorophenyl-phenylether	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
4-Nitroaniline	NA	ND(1.9)	ND(2.0)	NA	ND(4.3)	ND(1.9)	NA
4-Nitrophenol	NA	ND(1.9)	ND(2.0)	NA	ND(4.3)	ND(1.9)	NA
4-Nitroquinoline-1-oxide	NA	ND(1.9)	ND(2.0) J	NA	ND(4.3) J	ND(1.9) J	NA
4-Phenylenediamine	NA	ND(1.9)	ND(2.0) J	NA	ND(4.3) J	ND(1.9) J	NA
5-Nitro-o-toluidine	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
7,12-Dimethylbenz(a)anthracene	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
a,a'-Dimethylphenethylamine	NA	ND(1.9)	ND(2.0)	NA	ND(4.3)	ND(1.9)	NA
Acenaphthene	NA	ND(0.37)	ND(0.38)	NA	0.13 J	ND(0.37)	NA
Acenaphthylene	NA	0.081 J	0.078 J	NA	0.13 J	ND(0.37)	NA
Acetophenone	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
Aniline	NA	ND(0.37)	ND(0.38)	NA	0.71 J	0.15 J	NA
Anthracene	NA	0.060 J	0.073 J	NA	0.55 J	0.066 J	NA
Aramite	NA	ND(1.9)	ND(2.0)	NA	ND(4.3)	ND(1.9)	NA
Benzidine	ND(0.78)	ND(3.7) J	ND(3.8) J	NA	ND(8.3) J	ND(3.7) J	NA
Benzo(a)anthracene	NA	0.25 J	0.34 J	NA	1.1	0.15 J	NA
Benzo(a)pyrene	NA	0.31 J	0.37 J	NA	1.1	0.18 J	NA
Benzo(b)fluoranthene	NA	0.32 J	0.31 J	NA	0.86	0.20 J	NA
Benzo(g,h,i)perylene	NA	0.32 J	0.33 J	NA	0.77 J	0.18 J	NA
Benzo(k)fluoranthene	NA	0.38	0.33 J	NA	0.95	0.18 J	NA
Benzyl Alcohol	NA	ND(1.9)	ND(2.0)	NA	ND(4.3)	ND(0.37)	NA
bis(2-Chloroethoxy)methane	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
bis(2-Chloroethyl)ether	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
bis(2-Chloroisopropyl)ether	NA	ND(0.37) J	ND(0.38)	NA	ND(0.83) J	ND(0.37) J	NA
bis(2-Ethylhexyl)phthalate	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
Butylbenzylphthalate	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
Chrysene	NA	0.37 J	0.37 J	NA	1.1	0.17 J	NA
Diallate	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
Dibenzo(a,h)anthracene	NA	0.091 J	0.093 J	NA	0.26 J	ND(0.37)	NA
Dibenzofuran	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
Diethylphthalate	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
Dimethoate	NA	NA	NA	NA	NA	ND(1.9)	NA
Dimethylphthalate	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
Di-n-Butylphthalate	NA	ND(0.37)	ND(0.38)	NA	0.20 J	ND(0.37)	NA
Di-n-Octylphthalate	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
Diphenylamine	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
Disulfoton	NA	NA	NA	NA	NA	ND(0.37)	NA
Ethyl Methanesulfonate	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
Ethyl Parathion	NA	NA	NA	NA	NA	ND(0.37)	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	J9-23-22 / J9-23-22-J-18 / 1-3 / 09/17/02	J9-23-22 / J9-23-22-K-18 / 0-1 / 01/24/01	J9-23-22 / J9-23-22-MO-12 / 0-1 / 01/29/01	J9-23-22 / MO-14 / 3-6 / 01/09/03	J9-23-23 / J9-23-23-C-17 / 0-1 / 01/31/01	J9-23-23 / J9-23-23-D-18 / 1-3 / 01/31/01	J9-23-23 / J9-23-23-D-18 / 3-4 / 01/31/01
Semivolatile Organics (continued)							
Fluoranthene	NA	0.54	0.74	NA	2.7	0.29 J	NA
Fluorene	NA	ND(0.37)	ND(0.38)	NA	0.21 J	ND(0.37)	NA
Hexachlorobenzene	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
Hexachlorobutadiene	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
Hexachlorocyclopentadiene	NA	ND(0.37)	ND(0.38)	NA	ND(0.83) J	ND(0.37) J	NA
Hexachloroethane	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
Hexachlorophene	NA	R	R	NA	R	R	NA
Hexachloropropene	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
Indeno(1,2,3-cd)pyrene	NA	0.27 J	0.26 J	NA	0.64 J	0.14 J	NA
Isodrin	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
Isophorone	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
Isosafrole	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
Methapyrilene	NA	ND(1.9)	ND(2.0)	NA	ND(4.3)	ND(1.9)	NA
Methyl Methanesulfonate	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
Methyl Parathion	NA	NA	NA	NA	NA	ND(0.37)	NA
Naphthalene	NA	ND(0.37)	ND(0.38)	NA	0.12 J	ND(0.37)	NA
Nitrobenzene	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
N-Nitrosodiethylamine	ND(0.39)	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
N-Nitrosodimethylamine	ND(0.39)	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
N-Nitroso-di-n-butylamine	ND(0.78)	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
N-Nitroso-di-n-propylamine	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
N-Nitrosodiphenylamine	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
N-Nitrosomethylethylamine	ND(0.78)	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
N-Nitrosomorpholine	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
N-Nitrosopiperidine	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
N-Nitrosopyrrolidine	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
o,o,o-Triethylphosphorothioate	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
o-Toluidine	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
p-Dimethylaminoazobenzene	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
Pentachlorobenzene	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
Pentachloroethane	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
Pentachloronitrobenzene	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
Pentachlorophenol	NA	ND(1.9)	ND(2.0)	NA	ND(4.3)	ND(1.9)	NA
Phenacetin	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
Phenanthrene	NA	0.21 J	0.23 J	NA	2.1	0.23 J	NA
Phenol	NA	ND(0.37)	ND(0.38)	NA	0.13 J	ND(0.37)	NA
Phorate	NA	NA	NA	NA	NA	ND(0.37)	NA
Pronamide	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
Pyrene	NA	0.58	0.70	NA	2.1	0.28 J	NA
Pyridine	NA	ND(1.9)	ND(2.0)	NA	ND(4.3)	ND(1.9)	NA
Safrole	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
Sulfotep	NA	NA	NA	NA	NA	ND(0.37)	NA
Thionazin	NA	ND(0.37)	ND(0.38)	NA	ND(0.83)	ND(0.37)	NA
Organochlorine Pesticides							
4,4'-DDD	NA	NA	NA	NA	NA	ND(0.19)	NA
4,4'-DDE	NA	NA	NA	NA	NA	ND(0.19)	NA
4,4'-DDT	NA	NA	NA	NA	NA	ND(0.37)	NA
Aldrin	NA	NA	NA	NA	NA	ND(0.19)	NA
Alpha-BHC	NA	NA	NA	NA	NA	ND(0.19)	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	ND(0.19)	NA
Beta-BHC	NA	NA	NA	NA	NA	ND(0.19)	NA
Delta-BHC	NA	NA	NA	NA	NA	ND(0.19)	NA
Dieldrin	NA	NA	NA	NA	NA	ND(0.19)	NA
Endosulfan I	NA	NA	NA	NA	NA	ND(0.19)	NA
Endosulfan II	NA	NA	NA	NA	NA	ND(0.37)	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	ND(0.37)	NA
Endrin	NA	NA	NA	NA	NA	ND(0.19)	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	ND(0.37)	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	ND(0.19)	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	ND(0.19)	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	ND(0.19)	NA
Heptachlor	NA	NA	NA	NA	NA	ND(0.19)	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	ND(0.19)	NA
Kepone	NA	NA	NA	NA	NA	ND(0.19)	NA
Methoxychlor	NA	NA	NA	NA	NA	ND(0.73)	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	ND(3.7)	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	J9-23-22	J9-23-22	J9-23-22	J9-23-22	J9-23-23	J9-23-23	J9-23-23
	Sample ID:	J9-23-22-J-18	J9-23-22-K-18	J9-23-22-MO-12	MO-14	J9-23-23-C-17	J9-23-23-D-18	J9-23-23-D-18
	Sample Depth(Feet):	1-3	0-1	0-1	3-6	0-1	1-3	3-4
	Date Collected:	09/17/02	01/24/01	01/29/01	01/09/03	01/31/01	01/31/01	01/31/01
Herbicides								
2,4,5-T		NA	NA	NA	NA	NA	ND(1.1)	NA
2,4,5-TP		NA	NA	NA	NA	NA	ND(1.1)	NA
2,4-D		NA	NA	NA	NA	NA	ND(1.1)	NA
Dinoseb		NA	NA	NA	NA	NA	ND(0.044)	NA
Furans								
2,3,7,8-TCDF		NA	0.0015 D	0.000033	0.000052 Y	0.0045 DJ	0.018 DJ	NA
TCDFs (total)		NA	0.0066	0.00012	0.00046	0.041	0.080	NA
1,2,3,7,8-PeCDF		NA	0.00042	0.0000068	0.000031	0.0021	0.0040 DJ	NA
2,3,4,7,8-PeCDF		NA	0.0010 DJ	0.000011	0.000024	0.0019 DJ	0.0069 DJ	NA
PeCDFs (total)		NA	0.0050	0.00012	0.00025	0.023	0.030	NA
1,2,3,4,7,8-HxCDF		NA	0.0012 DJ	0.000035	0.000035	0.0045 DJ	0.014 DJ	NA
1,2,3,6,7,8-HxCDF		NA	0.00046	0.000015	0.000019	0.0014 DJ	0.0042 DJ	NA
1,2,3,7,8,9-HxCDF		NA	0.000040	ND(0.00000067) X	0.0000034 J	0.00032 E	0.00083 J	NA
2,3,4,6,7,8-HxCDF		NA	0.00023	0.0000047 J	0.0000084	0.0012 DJ	0.0025 DJ	NA
HxCDFs (total)		NA	0.0034	0.00015	0.00014	0.017	0.035	NA
1,2,3,4,6,7,8-HpCDF		NA	0.0013 DJ	0.000067	0.000034	0.0048 DJ	0.012 DJ	NA
1,2,3,4,7,8,9-HpCDF		NA	0.00012	0.000016	0.0000051 J	0.0015 DJ	0.0027 DJ	NA
HpCDFs (total)		NA	0.0015	0.00024	0.000047	0.011	0.019	NA
OCDF		NA	0.00056	0.00021	0.000031	0.0079 DJ	0.0087 DJ	NA
Dioxins								
2,3,7,8-TCDD		NA	0.0000029	ND(0.00000028)	0.00000063 J	0.000024	0.00013	NA
TCDDs (total)		NA	0.000095	ND(0.00000028)	0.000018	0.00056	0.0018	NA
1,2,3,7,8-PeCDD		NA	0.000011	ND(0.00000044) JX	0.0000010 J	0.000059	0.00019	NA
PeCDDs (total)		NA	0.000087	0.0000011	0.000016	0.00037	0.0027	NA
1,2,3,4,7,8-HxCDD		NA	0.0000079	ND(0.00000038) JX	0.00000059 J	0.000048	0.000088	NA
1,2,3,6,7,8-HxCDD		NA	0.000016	0.0000039	0.0000011 J	0.000089	0.00025	NA
1,2,3,7,8,9-HxCDD		NA	0.000026	0.0000015 J	ND(0.00000061)	0.00012	0.00049	NA
HxCDDs (total)		NA	0.00022	0.000014	0.0000094	0.0011	0.0031	NA
1,2,3,4,6,7,8-HpCDD		NA	0.00012	0.00013	0.0000047 J	0.00087 DJ	0.0016 DJ	NA
HpCDDs (total)		NA	0.00025	0.00021	0.0000094	0.0014	0.0031	NA
OCDD		NA	0.00024	0.0012 J	ND(0.0000094)	0.0016 DJ	0.0019 DJ	NA
Total TEQs (WHO TEFs)		NA	0.00090	0.000018	0.000028	0.0024	0.0082	NA
Inorganics								
Antimony		NA	ND(0.680)	NA	NA	NA	13.2	NA
Arsenic		NA	5.00 J	NA	NA	NA	8.50	NA
Barium		NA	46.0	NA	NA	NA	166	NA
Beryllium		NA	ND(0.0400)	NA	NA	NA	ND(0.0400)	NA
Cadmium		NA	0.620	NA	NA	NA	0.900	NA
Chromium		NA	17.5	NA	NA	NA	80.8	NA
Cobalt		NA	6.70	NA	NA	NA	15.6	NA
Copper		NA	321 J	NA	NA	NA	1050	NA
Cyanide		NA	ND(1.13)	NA	NA	NA	ND(1.11)	NA
Lead		NA	169	NA	NA	NA	754	NA
Mercury		NA	0.0900	NA	NA	NA	2.50	NA
Nickel		NA	16.7	NA	NA	NA	360	NA
Selenium		NA	0.370 J	NA	NA	NA	0.490 B	NA
Silver		NA	0.530	NA	NA	NA	ND(0.0900)	NA
Sulfide		NA	ND(22.5)	NA	NA	NA	ND(22.2)	NA
Thallium		NA	ND(0.240) J	NA	NA	NA	ND(0.240)	NA
Tin		NA	15.0	NA	NA	NA	111	NA
Vanadium		NA	7.40	NA	NA	NA	15.6	NA
Zinc		NA	222	NA	NA	NA	1130	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	J9-23-23	J9-23-23	J9-23-23	J9-23-23	J9-23-23	J9-23-23	J9-23-23
	Sample ID:	J9-23-23-D-18	J9-23-23-D-18	J9-23-23-D-18	J9-23-23-D-18	J9-23-23-D-19	J9-23-23-F-18	J9-23-23-F-18
	Sample Depth(Feet):	3-6	6-15	6-15	12-14	0-1	6-15	12-14
	Date Collected:	01/31/01	01/31/01	09/16/02	09/16/02	02/01/01	01/31/01	01/31/01
Volatile Organics								
1,1,1,2-Tetrachloroethane		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	ND(0.018) J
1,1,1-Trichloroethane		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	ND(0.018) J
1,1,2,2-Tetrachloroethane		NA	NA	NA	ND(0.0071) J	ND(0.0056)	NA	R
1,1,2-Trichloroethane		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	ND(0.018) J
1,1-Dichloroethane		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	ND(0.018) J
1,1-Dichloroethene		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	ND(0.018) J
1,2,3-Trichloropropane		NA	NA	NA	ND(0.0071) J	ND(0.0056)	NA	R
1,2-Dibromo-3-chloropropane		NA	NA	NA	ND(0.0071) J	ND(0.0056)	NA	R
1,2-Dibromoethane		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	ND(0.018) J
1,2-Dichloroethane		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	ND(0.018) J
1,2-Dichloropropane		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	ND(0.018) J
1,4-Dioxane		NA	NA	NA	ND(0.14) J	ND(1.1) J	NA	ND(3.7) J
2-Butanone		NA	NA	NA	0.029	ND(0.011)	NA	0.19 J
2-Chloro-1,3-butadiene		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	ND(0.018) J
2-Chloroethylvinylether		NA	NA	NA	ND(0.0071)	ND(0.011)	NA	ND(0.037) J
2-Hexanone		NA	NA	NA	ND(0.014)	ND(0.011)	NA	ND(0.037) J
3-Chloropropene		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	ND(0.018) J
4-Methyl-2-pentanone		NA	NA	NA	ND(0.014)	ND(0.011)	NA	ND(0.037) J
Acetone		NA	NA	NA	0.068	0.0093 J	NA	0.81 J
Acetonitrile		NA	NA	NA	ND(0.14)	ND(0.11) J	NA	ND(0.37) J
Acrolein		NA	NA	NA	ND(0.14) J	ND(0.11)	NA	ND(0.37) J
Acrylonitrile		NA	NA	NA	ND(0.0071)	ND(0.11)	NA	ND(0.37) J
Benzene		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	0.0059 J
Bromodichloromethane		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	ND(0.018) J
Bromoform		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	ND(0.018) J
Bromomethane		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	ND(0.018) J
Carbon Disulfide		NA	NA	NA	ND(0.0071)	ND(0.011)	NA	0.014 J
Carbon Tetrachloride		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	ND(0.018) J
Chlorobenzene		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	ND(0.018) J
Chloroethane		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	ND(0.018) J
Chloroform		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	ND(0.018) J
Chloromethane		NA	NA	NA	ND(0.0071) J	ND(0.0056)	NA	ND(0.018) J
cis-1,3-Dichloropropene		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	ND(0.018) J
Dibromochloromethane		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	ND(0.018) J
Dibromomethane		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	ND(0.018) J
Dichlorodifluoromethane		NA	NA	NA	ND(0.0071) J	ND(0.0056)	NA	ND(0.018) J
Ethyl Methacrylate		NA	NA	NA	ND(0.0071)	ND(0.011)	NA	ND(0.037) J
Ethylbenzene		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	ND(0.018) J
Iodomethane		NA	NA	NA	ND(0.0071)	ND(0.011)	NA	ND(0.037) J
Isobutanol		NA	NA	NA	ND(0.14) J	ND(0.22) J	NA	ND(0.73) J
m&p-Xylene		NA	NA	NA	NA	ND(0.0056)	NA	ND(0.018) J
Methacrylonitrile		NA	NA	NA	ND(0.0071)	ND(0.11)	NA	ND(0.37) J
Methyl Methacrylate		NA	NA	NA	ND(0.0071)	ND(0.011)	NA	ND(0.037) J
Methylene Chloride		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	ND(0.018) J
o-Xylene		NA	NA	NA	NA	ND(0.0056)	NA	ND(0.018) J
Propionitrile		NA	NA	NA	ND(0.014)	ND(0.11)	NA	ND(0.37) J
Styrene		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	ND(0.018) J
Tetrachloroethene		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	ND(0.018) J
Toluene		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	ND(0.018) J
trans-1,2-Dichloroethene		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	ND(0.018) J
trans-1,3-Dichloropropene		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	ND(0.018) J
trans-1,4-Dichloro-2-butene		NA	NA	NA	ND(0.0071) J	ND(0.0056)	NA	R
Trichloroethene		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	ND(0.018) J
Trichlorofluoromethane		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	ND(0.018) J
Vinyl Acetate		NA	NA	NA	ND(0.0071)	ND(0.011)	NA	ND(0.037) J
Vinyl Chloride		NA	NA	NA	ND(0.0071)	ND(0.0056)	NA	ND(0.018) J
Xylenes (total)		NA	NA	NA	ND(0.0071)	NA	NA	NA
Semivolatile Organics								
1,2,4,5-Tetrachlorobenzene		0.12 J	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
1,2,4-Trichlorobenzene		1.7	NA	ND(0.48)	NA	ND(0.37)	1.8	NA
1,2-Dichlorobenzene		ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
1,2-Diphenylhydrazine		ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
1,3,5-Trinitrobenzene		ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
1,3-Dichlorobenzene		ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	0.54 J	NA
1,3-Dinitrobenzene		ND(0.38)	NA	ND(0.96)	NA	ND(0.37)	ND(0.73)	NA
1,4-Dichlorobenzene		ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	1.3	NA
1,4-Naphthoquinone		ND(2.0) J	NA	ND(0.96)	NA	ND(1.9)	ND(3.8) J	NA
1-Naphthylamine		ND(0.38)	NA	ND(0.96)	NA	ND(0.37)	ND(0.73)	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-23	J9-23-23	J9-23-23	J9-23-23	J9-23-23	J9-23-23	J9-23-23
Sample ID:	J9-23-23-D-18	J9-23-23-D-18	J9-23-23-D-18	J9-23-23-D-18	J9-23-23-D-19	J9-23-23-F-18	J9-23-23-F-18
Sample Depth(Feet):	3-6	6-15	6-15	12-14	0-1	6-15	12-14
Parameter Date Collected:	01/31/01	01/31/01	09/16/02	09/16/02	02/01/01	01/31/01	01/31/01
Semivolatile Organics (continued)							
2,3,4,6-Tetrachlorophenol	ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
2,4,5-Trichlorophenol	ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
2,4,6-Trichlorophenol	ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
2,4-Dichlorophenol	ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
2,4-Dimethylphenol	ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	0.28 J	NA
2,4-Dinitrophenol	ND(2.0)	NA	ND(2.4)	NA	ND(1.9)	ND(3.8)	NA
2,4-Dinitrotoluene	ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
2,6-Dichlorophenol	ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
2,6-Dinitrotoluene	ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
2-Acetylaminofluorene	ND(0.38)	NA	ND(0.96)	NA	ND(0.37)	ND(0.73)	NA
2-Chloronaphthalene	ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
2-Chlorophenol	ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
2-Methylnaphthalene	ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
2-Methylphenol	ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	0.21 J	NA
2-Naphthylamine	ND(0.38)	NA	ND(0.96)	NA	ND(0.37)	ND(0.73)	NA
2-Nitroaniline	ND(2.0)	NA	ND(2.4) J	NA	ND(1.9)	ND(3.8)	NA
2-Nitrophenol	ND(0.38)	NA	ND(0.96)	NA	ND(0.37)	ND(0.73)	NA
2-Picoline	ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
3&4-Methylphenol	ND(0.38)	NA	ND(0.96)	NA	ND(0.37)	0.26 J	NA
3,3'-Dichlorobenzidine	ND(0.38)	NA	ND(0.96) J	NA	ND(0.37)	ND(0.73)	NA
3,3'-Dimethylbenzidine	ND(0.38)	NA	ND(0.48) J	NA	ND(0.37)	ND(0.73)	NA
3-Methylcholanthrene	ND(0.38)	NA	ND(0.96)	NA	ND(0.37)	ND(0.73)	NA
3-Nitroaniline	ND(2.0)	NA	ND(2.4)	NA	ND(1.9)	ND(3.8)	NA
4,6-Dinitro-2-methylphenol	ND(2.0)	NA	ND(0.48) J	NA	ND(1.9)	ND(3.8)	NA
4-Aminobiphenyl	ND(2.0)	NA	ND(0.96) J	NA	ND(1.9)	ND(3.8)	NA
4-Bromophenyl-phenylether	ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
4-Chloro-3-Methylphenol	ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
4-Chloroaniline	R	NA	ND(0.48)	NA	ND(0.37)	R	NA
4-Chlorobenzilate	ND(0.38)	NA	ND(0.96)	NA	ND(0.37)	ND(0.73)	NA
4-Chlorophenyl-phenylether	ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
4-Nitroaniline	ND(2.0)	NA	ND(2.4)	NA	ND(1.9)	ND(3.8)	NA
4-Nitrophenol	ND(2.0)	NA	ND(2.4)	NA	ND(1.9)	ND(3.8)	NA
4-Nitroquinoline-1-oxide	ND(2.0) J	NA	ND(0.96)	NA	ND(1.9)	ND(3.8) J	NA
4-Phenylenediamine	ND(2.0) J	NA	ND(0.96) J	NA	ND(1.9)	ND(3.8) J	NA
5-Nitro-o-toluidine	ND(0.38)	NA	ND(0.96)	NA	ND(0.37)	ND(0.73)	NA
7,12-Dimethylbenz(a)anthracene	ND(0.38)	NA	ND(0.96)	NA	ND(0.37)	ND(0.73)	NA
a,a'-Dimethylphenethylamine	ND(2.0)	NA	ND(0.96)	NA	ND(1.9)	ND(3.8)	NA
Acenaphthene	ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
Acenaphthylene	ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
Acetophenone	ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
Aniline	ND(0.38) J	NA	ND(0.48)	NA	ND(0.37)	1.4 J	NA
Anthracene	0.051 J	NA	ND(0.48)	NA	ND(0.37)	0.13 J	NA
Aramite	ND(2.0)	NA	ND(0.96) J	NA	ND(1.9)	ND(3.8)	NA
Benzidine	ND(3.8) J	NA	ND(0.96) J	NA	ND(3.7) J	ND(7.3) J	NA
Benzo(a)anthracene	0.14 J	NA	ND(0.48)	NA	0.29 J	0.19 J	NA
Benzo(a)pyrene	0.16 J	NA	ND(0.48)	NA	0.29 J	0.20 J	NA
Benzo(b)fluoranthene	0.17 J	NA	ND(0.48)	NA	0.30 J	0.22 J	NA
Benzo(g,h,i)perylene	ND(0.38)	NA	ND(0.48)	NA	0.19 J	0.21 J	NA
Benzo(k)fluoranthene	0.12 J	NA	ND(0.48)	NA	0.31 J	0.16 J	NA
Benzyl Alcohol	ND(0.38)	NA	ND(0.96)	NA	ND(1.9)	ND(3.8)	NA
bis(2-Chloroethoxy)methane	ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
bis(2-Chloroethyl)ether	ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
bis(2-Chloroisopropyl)ether	ND(0.38) J	NA	ND(0.48)	NA	ND(0.37)	ND(0.73) J	NA
bis(2-Ethylhexyl)phthalate	ND(0.38)	NA	ND(0.47)	NA	ND(0.37)	0.32 J	NA
Butylbenzylphthalate	ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
Chrysene	0.16 J	NA	ND(0.48)	NA	0.31 J	0.26 J	NA
Diallate	ND(0.38)	NA	ND(0.96)	NA	ND(0.37)	ND(0.73)	NA
Dibenzo(a,h)anthracene	ND(0.38)	NA	ND(0.48)	NA	0.073 J	ND(0.73)	NA
Dibenzofuran	ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
Diethylphthalate	ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
Dimethoate	ND(2.0)	ND(2.2)	NA	NA	NA	NA	NA
Dimethylphthalate	ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
Di-n-Butylphthalate	0.11 J	NA	ND(0.48)	NA	0.044 J	0.67 J	NA
Di-n-Octylphthalate	ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
Diphenylamine	ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
Disulfoton	ND(0.38)	ND(0.44)	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
Ethyl Parathion	ND(0.38)	ND(0.44)	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	Parcel ID:	J9-23-23	J9-23-23	J9-23-23	J9-23-23	J9-23-23	J9-23-23	J9-23-23
	Sample ID:	J9-23-23-D-18	J9-23-23-D-18	J9-23-23-D-18	J9-23-23-D-18	J9-23-23-D-19	J9-23-23-F-18	J9-23-23-F-18
	Sample Depth(Feet):	3-6	6-15	6-15	12-14	0-1	6-15	12-14
	Date Collected:	01/31/01	01/31/01	09/16/02	09/16/02	02/01/01	01/31/01	01/31/01
Semivolatile Organics (continued)								
Fluoranthene		0.26 J	NA	ND(0.48)	NA	0.42	0.52 J	NA
Fluorene		ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
Hexachlorobenzene		ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
Hexachlorobutadiene		ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
Hexachlorocyclopentadiene		ND(0.38) J	NA	ND(0.48)	NA	ND(0.37)	ND(0.73) J	NA
Hexachloroethane		ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
Hexachlorophene		R	NA	ND(0.96) J	NA	R	R	NA
Hexachloropropene		ND(0.38)	NA	ND(0.48) J	NA	ND(0.37)	ND(0.73)	NA
Indeno(1,2,3-cd)pyrene		0.11 J	NA	ND(0.48)	NA	0.16 J	0.15 J	NA
Isodrin		ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
Isophorone		ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
Isosafrole		ND(0.38)	NA	ND(0.96)	NA	ND(0.37)	ND(0.73)	NA
Methapyrilene		ND(2.0)	NA	ND(0.96) J	NA	ND(1.9)	ND(3.8)	NA
Methyl Methanesulfonate		ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
Methyl Parathion		ND(0.38)	ND(0.44)	NA	NA	NA	NA	NA
Naphthalene		ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	0.44 J	NA
Nitrobenzene		ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
N-Nitrosodiethylamine		ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
N-Nitrosodimethylamine		ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
N-Nitroso-di-n-butylamine		ND(0.38)	NA	ND(0.96)	NA	ND(0.37)	ND(0.73)	NA
N-Nitroso-di-n-propylamine		ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
N-Nitrosodiphenylamine		ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
N-Nitrosomethylethylamine		ND(0.38)	NA	ND(0.96)	NA	ND(0.37)	ND(0.73)	NA
N-Nitrosomorpholine		ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
N-Nitrosopiperidine		ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
N-Nitrosopyrrolidine		ND(0.38)	NA	ND(0.96)	NA	ND(0.37)	ND(0.73)	NA
o,o,o-Triethylphosphorothioate		ND(0.38)	NA	ND(0.48)	NA	ND(0.37) J	ND(0.73)	NA
o-Toluidine		ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
p-Dimethylaminoazobenzene		ND(0.38)	NA	ND(0.96)	NA	ND(0.37)	ND(0.73)	NA
Pentachlorobenzene		ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
Pentachloroethane		ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
Pentachloronitrobenzene		ND(0.38)	NA	ND(0.96)	NA	ND(0.37)	ND(0.73)	NA
Pentachlorophenol		ND(2.0)	NA	ND(2.4)	NA	ND(1.9)	ND(3.8)	NA
Phenacetin		ND(0.38)	NA	ND(0.96)	NA	ND(0.37)	ND(0.73)	NA
Phenanthrene		0.18 J	NA	ND(0.48)	NA	0.12 J	0.53 J	NA
Phenol		ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
Phorate		ND(0.38)	ND(0.44)	NA	NA	NA	NA	NA
Pronamide		ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
Pyrene		0.27 J	NA	ND(0.48)	NA	0.45	0.44 J	NA
Pyridine		ND(2.0)	NA	ND(0.48)	NA	ND(1.9)	ND(3.8)	NA
Safrole		ND(0.38)	NA	ND(0.48)	NA	ND(0.37)	ND(0.73)	NA
Sulfotep		ND(0.38)	ND(0.44)	NA	NA	NA	NA	NA
Thionazin		ND(0.38)	NA	ND(0.48) J	NA	ND(0.37)	ND(0.73)	NA
Organochlorine Pesticides								
4,4'-DDD		ND(0.20)	ND(0.0022)	NA	NA	NA	NA	NA
4,4'-DDE		ND(0.20)	ND(0.0022)	NA	NA	NA	NA	NA
4,4'-DDT		ND(0.38)	ND(0.0044)	NA	NA	NA	NA	NA
Aldrin		ND(0.20)	ND(0.0022)	NA	NA	NA	NA	NA
Alpha-BHC		ND(0.20)	ND(0.0022)	NA	NA	NA	NA	NA
Alpha-Chlordane		ND(0.20)	ND(0.0022)	NA	NA	NA	NA	NA
Beta-BHC		ND(0.20)	ND(0.0022)	NA	NA	NA	NA	NA
Delta-BHC		ND(0.20)	ND(0.0022)	NA	NA	NA	NA	NA
Dieldrin		ND(0.20)	ND(0.0022)	NA	NA	NA	NA	NA
Endosulfan I		ND(0.20)	ND(0.0022)	NA	NA	NA	NA	NA
Endosulfan II		ND(0.38)	ND(0.0044)	NA	NA	NA	NA	NA
Endosulfan Sulfate		ND(0.38)	ND(0.0044)	NA	NA	NA	NA	NA
Endrin		ND(0.20)	ND(0.0022)	NA	NA	NA	NA	NA
Endrin Aldehyde		ND(0.38)	ND(0.0044)	NA	NA	NA	NA	NA
Endrin Ketone		NA	NA	NA	NA	NA	NA	NA
Famphur		ND(0.20)	ND(0.0022)	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)		ND(0.20)	ND(0.0022)	NA	NA	NA	NA	NA
Gamma-Chlordane		ND(0.20)	ND(0.0022)	NA	NA	NA	NA	NA
Heptachlor		ND(0.20)	ND(0.0022)	NA	NA	NA	NA	NA
Heptachlor Epoxide		ND(0.20)	ND(0.0022)	NA	NA	NA	NA	NA
Kepone		ND(0.20)	ND(0.0022)	NA	NA	NA	NA	NA
Methoxychlor		ND(0.77)	ND(0.0087)	NA	NA	NA	NA	NA
Technical Chlordane		NA	NA	NA	NA	NA	NA	NA
Toxaphene		ND(3.8)	ND(0.044)	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	Parcel ID:	J9-23-23	J9-23-23	J9-23-23	J9-23-23	J9-23-23	J9-23-23	J9-23-23
	Sample ID:	J9-23-23-D-18	J9-23-23-D-18	J9-23-23-D-18	J9-23-23-D-18	J9-23-23-D-19	J9-23-23-F-18	J9-23-23-F-18
	Sample Depth(Feet):	3-6	6-15	6-15	12-14	0-1	6-15	12-14
	Date Collected:	01/31/01	01/31/01	09/16/02	09/16/02	02/01/01	01/31/01	01/31/01
Herbicides								
2,4,5-T		ND(1.2)	ND(1.3)	NA	NA	NA	NA	NA
2,4,5-TP		ND(1.2)	ND(1.3)	NA	NA	NA	NA	NA
2,4-D		ND(1.2)	ND(1.3)	NA	NA	NA	NA	NA
Dinoseb		ND(0.046)	ND(5.3)	NA	NA	NA	NA	NA
Furans								
2,3,7,8-TCDF		0.0088 DJ	NA	0.0000054 Y	NA	0.000089	0.0073 DJ	NA
TCDFs (total)		0.037 DJ	NA	0.000041	NA	0.00049	0.037	NA
1,2,3,7,8-PeCDF		0.029 DJ	NA	0.0000016 J	NA	0.000022	0.0014 DJ	NA
2,3,4,7,8-PeCDF		0.0042 DJ	NA	0.0000021 J	NA	0.000030	0.0022 DJ	NA
PeCDFs (total)		0.042 DJ	NA	0.000016	NA	0.00073	0.016	NA
1,2,3,4,7,8-HxCDF		0.027 DJ	NA	0.0000019 J	NA	0.000070	0.0059 DJ	NA
1,2,3,6,7,8-HxCDF		0.0049 DJ	NA	0.0000012 J	NA	0.000033	0.0019 DJ	NA
1,2,3,7,8,9-HxCDF		0.0028 DJ	NA	0.00000032 J	NA	0.0000045	0.00016 E	NA
2,3,4,6,7,8-HxCDF		0.0049 DJ	NA	0.00000050 J	NA	0.000042	0.0018 DJ	NA
HxCDFs (total)		0.065 DJ	NA	0.0000062	NA	0.00061	0.010	NA
1,2,3,4,6,7,8-HpCDF		0.042 DJ	NA	0.0000017 J	NA	0.000091	0.0096 DJ	NA
1,2,3,4,7,8,9-HpCDF		0.046 DJ	NA	ND(0.00000059)	NA	0.000012	0.00049	NA
HpCDFs (total)		0.18 DJ	NA	0.0000017	NA	0.00017	0.0058	NA
OCDF		0.28 DJ	NA	0.0000017 J	NA	0.000070	0.0040 DJ	NA
Dioxins								
2,3,7,8-TCDD		0.0058 DJ	NA	ND(0.00000040)	NA	ND(0.00000092) JX	0.000031	NA
TCDDs (total)		0.014 DJ	NA	0.00000046	NA	0.0000064	0.00089	NA
1,2,3,7,8-PeCDD		0.0029 DJ	NA	ND(0.00000059)	NA	0.0000018 J	0.000041	NA
PeCDDs (total)		0.020 DJ	NA	0.00000053	NA	0.000012	0.00098	NA
1,2,3,4,7,8-HxCDD		0.00041 DJ	NA	ND(0.0000011)	NA	ND(0.0000010) JX	0.000032	NA
1,2,3,6,7,8-HxCDD		0.0024 DJ	NA	ND(0.00000094)	NA	ND(0.0000039) JX	0.000075	NA
1,2,3,7,8,9-HxCDD		0.018 DJ	NA	ND(0.00000096)	NA	0.0000049	0.00011	NA
HxCDDs (total)		0.60 DJ	NA	ND(0.00000098)	NA	0.000044	0.0012	NA
1,2,3,4,6,7,8-HpCDD		0.0096 DJ	NA	0.0000011 J	NA	0.000026	0.0015 DJ	NA
HpCDDs (total)		0.032 DJ	NA	0.0000018	NA	0.000058	0.0015	NA
OCDD		0.0086 DJ	NA	0.0000072 J	NA	0.00010	0.0021 DJ	NA
Total TEQs (WHO TEFs)		0.0096 DJ	NA	0.0000027	NA	0.000045	0.0031	NA
Inorganics								
Antimony		9.70	NA	ND(6.00)	NA	4.50 B	15.1	NA
Arsenic		4.30	NA	8.70	NA	4.30	13.8	NA
Barium		160	NA	39.0	NA	29.0	147	NA
Beryllium		ND(0.0400)	NA	ND(0.500)	NA	ND(0.0400)	ND(0.0700)	NA
Cadmium		0.470 B	NA	ND(0.500)	NA	ND(0.0500)	2.20	NA
Chromium		287	NA	12.0	NA	9.00	57.0	NA
Cobalt		9.10	NA	12.0	NA	5.50	12.8	NA
Copper		492	NA	24.0	NA	25.8	997	NA
Cyanide		ND(1.16)	NA	ND(0.280)	NA	ND(1.11)	ND(2.23)	NA
Lead		363	NA	13.0	NA	27.7	835	NA
Mercury		1.80	NA	ND(0.14)	NA	0.0300 B	1.20	NA
Nickel		32.6	NA	22.0	NA	16.6	99.3	NA
Selenium		0.540 B	NA	ND(1.10) J	NA	ND(4.44)	1.00 B	NA
Silver		ND(0.0900)	NA	ND(1.10)	NA	ND(0.0900)	ND(0.180)	NA
Sulfide		ND(23.2)	NA	170	NA	ND(22.2)	115	NA
Thallium		ND(0.250)	NA	ND(2.10) J	NA	0.280 B	ND(0.470)	NA
Tin		45.5	NA	ND(11)	NA	9.60 B	70.8	NA
Vanadium		8.70	NA	12.0	NA	10.4	17.8	NA
Zinc		727	NA	56.0	NA	80.5	1570	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	J9-23-23 J9-23-23-F-18B 1-3 09/16/02	J9-23-23 J9-23-23-F-19 0-1 02/01/01	J9-23-23 J9-23-23-F-20 3-6 02/01/01	J9-23-23 J9-23-23-F-20 4-6 02/01/01	J9-23-23 J9-23-23-H-18 1-3 01/30/01	J9-23-23 J9-23-23-H-19 0-1 02/01/01	J9-23-23 J9-23-23-H-19 0-1 09/16/02
Volatile Organics								
1,1,1,2-Tetrachloroethane		ND(0.0058)	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	NA
1,1,1-Trichloroethane		ND(0.0058)	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	NA
1,1,2,2-Tetrachloroethane		ND(0.0058)	ND(0.0058)	NA	R	ND(0.0056)	ND(0.0060) J	NA
1,1,2-Trichloroethane		ND(0.0058)	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	NA
1,1-Dichloroethane		ND(0.0058)	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	NA
1,1-Dichloroethene		ND(0.0058)	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	ND(0.0058)
1,2,3-Trichloropropane		ND(0.0058)	ND(0.0058)	NA	R	ND(0.0056)	ND(0.0060) J	NA
1,2-Dibromo-3-chloropropane		ND(0.0058)	ND(0.0058)	NA	R	ND(0.0056)	ND(0.0060) J	NA
1,2-Dibromoethane		ND(0.0058)	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	NA
1,2-Dichloroethane		ND(0.0058)	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	ND(0.0058)
1,2-Dichloropropane		ND(0.0058)	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	NA
1,4-Dioxane		ND(0.12) J	ND(1.2) J	NA	ND(1.1) J	ND(1.1) J	ND(1.2) J	ND(0.12) J
2-Butanone		ND(0.012)	ND(0.012)	NA	ND(0.011) J	ND(0.011)	ND(0.012) J	NA
2-Chloro-1,3-butadiene		ND(0.0058)	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	NA
2-Chloroethylvinylether		ND(0.0058)	ND(0.012)	NA	ND(0.011) J	ND(0.011) J	ND(0.012) J	NA
2-Hexanone		ND(0.012)	ND(0.012)	NA	ND(0.011) J	ND(0.011)	ND(0.012) J	NA
3-Chloropropene		ND(0.0058)	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	NA
4-Methyl-2-pentanone		ND(0.012)	ND(0.012)	NA	ND(0.011) J	ND(0.011)	ND(0.012) J	NA
Acetone		ND(0.023)	0.016 J	NA	ND(0.022) J	0.011 J	ND(0.024) J	NA
Acetonitrile		ND(0.12)	ND(0.12) J	NA	ND(0.11) J	ND(0.11) J	ND(0.12) J	NA
Acrolein		ND(0.12) J	ND(0.12)	NA	ND(0.11) J	ND(0.11)	ND(0.12) J	NA
Acrylonitrile		ND(0.0058)	ND(0.12)	NA	ND(0.11) J	ND(0.11)	ND(0.12) J	NA
Benzene		ND(0.0058)	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	NA
Bromodichloromethane		ND(0.0058)	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	NA
Bromoform		ND(0.0058)	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	NA
Bromomethane		ND(0.0058)	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	NA
Carbon Disulfide		ND(0.0058)	ND(0.012)	NA	0.0019 J	ND(0.011)	ND(0.012) J	NA
Carbon Tetrachloride		ND(0.0058)	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	NA
Chlorobenzene		ND(0.0058)	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	NA
Chloroethane		ND(0.0058)	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	NA
Chloroform		ND(0.0058)	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	ND(0.0058)
Chloromethane		ND(0.0058) J	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	ND(0.0058) J
cis-1,3-Dichloropropene		ND(0.0058)	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	NA
Dibromochloromethane		ND(0.0058)	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	NA
Dibromomethane		ND(0.0058)	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	NA
Dichlorodifluoromethane		ND(0.0058) J	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	NA
Ethyl Methacrylate		ND(0.0058)	ND(0.012)	NA	ND(0.011) J	ND(0.011)	ND(0.012) J	NA
Ethylbenzene		ND(0.0058)	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	NA
Iodomethane		ND(0.0058)	ND(0.012)	NA	ND(0.011) J	ND(0.011)	ND(0.012) J	NA
Isobutanol		ND(0.12) J	ND(0.23) J	NA	ND(0.22) J	ND(0.22) J	ND(0.24) J	NA
m&p-Xylene		NA	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	NA
Methacrylonitrile		ND(0.0058)	ND(0.12)	NA	ND(0.11) J	ND(0.11)	ND(0.12) J	NA
Methyl Methacrylate		ND(0.0058)	ND(0.012)	NA	ND(0.011) J	ND(0.011)	ND(0.012) J	NA
Methylene Chloride		ND(0.0058)	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	NA
o-Xylene		NA	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	NA
Propionitrile		ND(0.012)	ND(0.12)	NA	ND(0.11) J	ND(0.11)	ND(0.12) J	NA
Styrene		ND(0.0058)	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	NA
Tetrachloroethene		ND(0.0058)	ND(0.0058)	NA	0.0014 J	ND(0.0056)	ND(0.0060) J	NA
Toluene		ND(0.0058)	0.0014 J	NA	ND(0.0055) J	ND(0.0056)	0.0024 J	NA
trans-1,2-Dichloroethene		ND(0.0058)	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	NA
trans-1,3-Dichloropropene		ND(0.0058)	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	NA
trans-1,4-Dichloro-2-butene		ND(0.0058)	ND(0.0058)	NA	R	ND(0.0056)	ND(0.0060) J	NA
Trichloroethene		ND(0.0058)	ND(0.0058)	NA	0.0020 J	0.0078	ND(0.0060) J	NA
Trichlorofluoromethane		ND(0.0058)	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	NA
Vinyl Acetate		ND(0.0058)	ND(0.012)	NA	ND(0.011) J	ND(0.011)	ND(0.012) J	NA
Vinyl Chloride		ND(0.0058)	ND(0.0058)	NA	ND(0.0055) J	ND(0.0056)	ND(0.0060) J	ND(0.0058)
Xylenes (total)		ND(0.0058)	NA	NA	NA	NA	NA	NA
Semivolatile Organics								
1,2,4,5-Tetrachlorobenzene		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
1,2,4-Trichlorobenzene		0.22 J	ND(0.38)	0.42	NA	0.32 J	ND(3.9)	NA
1,2-Dichlorobenzene		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
1,2-Diphenylhydrazine		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
1,3,5-Trinitrobenzene		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
1,3-Dichlorobenzene		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
1,3-Dinitrobenzene		ND(0.77)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
1,4-Dichlorobenzene		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
1,4-Naphthoquinone		ND(0.77)	ND(2.0) J	ND(2.1) J	NA	ND(1.9)	ND(20)	NA
1-Naphthylamine		ND(0.77)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	J9-23-23 / J9-23-23-F-18B / 1-3 / 09/16/02	J9-23-23 / J9-23-23-F-19 / 0-1 / 02/01/01	J9-23-23 / J9-23-23-F-20 / 3-6 / 02/01/01	J9-23-23 / J9-23-23-F-20 / 4-6 / 02/01/01	J9-23-23 / J9-23-23-H-18 / 1-3 / 01/30/01	J9-23-23 / J9-23-23-H-19 / 0-1 / 02/01/01	J9-23-23 / J9-23-23-H-19 / 0-1 / 09/16/02
Semivolatile Organics (continued)								
2,3,4,6-Tetrachlorophenol		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
2,4,5-Trichlorophenol		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
2,4,6-Trichlorophenol		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
2,4-Dichlorophenol		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
2,4-Dimethylphenol		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
2,4-Dinitrophenol		ND(2.0)	ND(2.0)	ND(2.1)	NA	ND(1.9) J	ND(20)	NA
2,4-Dinitrotoluene		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
2,6-Dichlorophenol		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
2,6-Dinitrotoluene		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
2-Acetylaminofluorene		ND(0.77)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
2-Chloronaphthalene		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
2-Chlorophenol		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
2-Methylnaphthalene		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
2-Methylphenol		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
2-Naphthylamine		ND(0.77)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
2-Nitroaniline		ND(2.0)	ND(2.0)	ND(2.1)	NA	ND(1.9)	ND(20)	NA
2-Nitrophenol		ND(0.77)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
2-Picoline		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
3&4-Methylphenol		ND(0.77)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
3,3'-Dichlorobenzidine		ND(0.77)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
3,3'-Dimethylbenzidine		ND(0.38) J	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	ND(0.38) J
3-Methylcholanthrene		ND(0.77)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
3-Nitroaniline		ND(2.0)	ND(2.0)	ND(2.1)	NA	ND(1.9)	ND(20)	NA
4,6-Dinitro-2-methylphenol		ND(0.38)	ND(2.0)	ND(2.1)	NA	ND(1.9)	ND(20)	NA
4-Aminobiphenyl		ND(0.77)	ND(2.0)	ND(2.1)	NA	ND(1.9)	ND(20)	NA
4-Bromophenyl-phenylether		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
4-Chloro-3-Methylphenol		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
4-Chloroaniline		ND(0.38)	R	R	NA	ND(0.37)	R	NA
4-Chlorobenzilate		ND(0.77)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
4-Chlorophenyl-phenylether		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
4-Nitroaniline		ND(2.0)	ND(2.0)	ND(2.1)	NA	ND(1.9)	ND(20)	NA
4-Nitrophenol		ND(2.0)	ND(2.0)	ND(2.1)	NA	ND(1.9) J	ND(20)	NA
4-Nitroquinoline-1-oxide		ND(0.77)	ND(2.0) J	ND(2.1) J	NA	ND(1.9)	ND(20)	NA
4-Phenylenediamine		ND(0.77)	ND(2.0) J	ND(2.1) J	NA	ND(1.9)	ND(20)	NA
5-Nitro-o-toluidine		ND(0.77)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
7,12-Dimethylbenz(a)anthracene		ND(0.77)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	ND(0.77)
a,a'-Dimethylphenethylamine		ND(0.77)	ND(2.0)	ND(2.1)	NA	ND(1.9)	ND(20)	NA
Acenaphthene		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	1.0 J	NA
Acenaphthylene		0.12 J	ND(0.38)	0.053 J	NA	ND(0.37)	ND(3.9)	NA
Acetophenone		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
Aniline		ND(0.38)	ND(0.38) J	ND(0.41) J	NA	ND(0.37)	0.42 J	NA
Anthracene		0.38 J	ND(0.38)	0.16 J	NA	ND(0.37)	1.6 J	NA
Aramite		ND(0.77)	ND(2.0)	ND(2.1)	NA	ND(1.9)	ND(20)	NA
Benzidine		ND(0.77) J	ND(3.8) J	ND(4.1) J	NA	ND(3.7) J	ND(39) J	ND(0.77) J
Benzo(a)anthracene		0.92	0.071 J	0.38 J	NA	0.10 J	3.0 J	NA
Benzo(a)pyrene		0.74	0.085 J	0.38 J	NA	0.12 J	3.0 J	NA
Benzo(b)fluoranthene		0.69	0.075 J	0.38 J	NA	0.13 J	2.6 J	NA
Benzo(g,h,i)perylene		0.53	ND(0.38)	0.43	NA	0.12 J	2.4 J	NA
Benzo(k)fluoranthene		0.62	0.085 J	0.35 J	NA	0.083 J	2.5 J	NA
Benzyl Alcohol		ND(0.77)	ND(2.0)	ND(2.1)	NA	ND(1.9)	ND(20)	NA
bis(2-Chloroethoxy)methane		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
bis(2-Chloroethyl)ether		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
bis(2-Chloroisopropyl)ether		ND(0.38)	ND(0.38) J	ND(0.41) J	NA	ND(0.37)	ND(3.9) J	NA
bis(2-Ethylhexyl)phthalate		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
Butylbenzylphthalate		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
Chrysene		0.90	0.087 J	0.43	NA	0.10 J	3.1 J	NA
Diallate		ND(0.77)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
Dibenzo(a,h)anthracene		ND(0.38)	ND(0.38)	0.12 J	NA	ND(0.37)	0.78 J	ND(0.38)
Dibenzofuran		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
Diethylphthalate		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
Dimethoate		NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
Di-n-Butylphthalate		ND(0.38)	ND(0.38)	0.14 J	NA	2.2	ND(3.9)	NA
Di-n-Octylphthalate		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
Diphenylamine		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
Disulfoton		NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate		ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
Ethyl Parathion		NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	J9-23-23 / J9-23-23-F-18B / 1-3 / 09/16/02	J9-23-23 / J9-23-23-F-19 / 0-1 / 02/01/01	J9-23-23 / J9-23-23-F-20 / 3-6 / 02/01/01	J9-23-23 / J9-23-23-F-20 / 4-6 / 02/01/01	J9-23-23 / J9-23-23-H-18 / 1-3 / 01/30/01	J9-23-23 / J9-23-23-H-19 / 0-1 / 02/01/01	J9-23-23 / J9-23-23-H-19 / 0-1 / 09/16/02
Semivolatile Organics (continued)							
Fluoranthene	1.9	0.12 J	1.0	NA	0.18 J	7.2	NA
Fluorene	ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	0.78 J	NA
Hexachlorobenzene	ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
Hexachlorobutadiene	ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
Hexachlorocyclopentadiene	ND(0.38)	ND(0.38) J	ND(0.41) J	NA	ND(0.37) J	ND(3.9) J	NA
Hexachloroethane	ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
Hexachlorophene	ND(0.77) J	R	R	NA	R	R	NA
Hexachloropropene	ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
Indeno(1,2,3-cd)pyrene	0.51	ND(0.38)	0.31 J	NA	0.092 J	1.9 J	NA
Isodrin	ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
Isophorone	ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
Isosafrole	ND(0.77)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
Methapyrilene	ND(0.77)	ND(2.0)	ND(2.1)	NA	ND(1.9)	ND(20)	NA
Methyl Methanesulfonate	ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	0.68 J	NA
Nitrobenzene	ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
N-Nitrosodiethylamine	ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	ND(0.38)
N-Nitrosodimethylamine	ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	ND(0.38)
N-Nitroso-di-n-butylamine	ND(0.77)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	ND(0.77)
N-Nitroso-di-n-propylamine	ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
N-Nitrosodiphenylamine	ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
N-Nitrosomethylethylamine	ND(0.77)	ND(0.38)	ND(0.41)	NA	ND(0.37) J	ND(3.9)	ND(0.77)
N-Nitrosomorpholine	ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
N-Nitrosopiperidine	ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
N-Nitrosopyrrolidine	ND(0.77)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
o,o,o-Triethylphosphorothioate	ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
o-Toluidine	ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
p-Dimethylaminoazobenzene	ND(0.77)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
Pentachlorobenzene	ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
Pentachloroethane	ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
Pentachloronitrobenzene	ND(0.77)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
Pentachlorophenol	ND(2.0)	ND(2.0)	ND(2.1)	NA	ND(1.9) J	ND(20) J	NA
Phenacetin	ND(0.77)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
Phenanthrene	1.0	ND(0.38)	0.73	NA	0.078 J	6.5	NA
Phenol	ND(0.38)	0.19 J	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
Phorate	NA	NA	NA	NA	NA	NA	NA
Pronamide	ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
Pyrene	2.4	0.12 J	0.81	NA	0.16 J	7.2	NA
Pyridine	ND(0.38)	ND(2.0)	ND(2.1)	NA	ND(1.9)	ND(20)	NA
Safrole	ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
Sulfotep	NA	NA	NA	NA	NA	NA	NA
Thionazin	ND(0.38)	ND(0.38)	ND(0.41)	NA	ND(0.37)	ND(3.9)	NA
Organochlorine Pesticides							
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	J9-23-23 / J9-23-23-F-18B / 1-3 / 09/16/02	J9-23-23 / J9-23-23-F-19 / 0-1 / 02/01/01	J9-23-23 / J9-23-23-F-20 / 3-6 / 02/01/01	J9-23-23 / J9-23-23-F-20 / 4-6 / 02/01/01	J9-23-23 / J9-23-23-H-18 / 1-3 / 01/30/01	J9-23-23 / J9-23-23-H-19 / 0-1 / 02/01/01	J9-23-23 / J9-23-23-H-19 / 0-1 / 09/16/02
Herbicides							
2,4,5-T	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	0.0010 YE	0.000016	0.00035 J	NA	0.011 D	0.00035 DJ	NA
TCDFs (total)	0.0070	0.00013	0.0033	NA	0.051	0.0036	NA
1,2,3,7,8-PeCDF	0.00041	0.0000041	0.000099	NA	0.0026 D	0.00016	NA
2,3,4,7,8-PeCDF	0.00084	0.0000069	0.00025	NA	0.0040 D	0.00022	NA
PeCDFs (total)	0.0062 QI	0.00027	0.019	NA	0.019	0.0037	NA
1,2,3,4,7,8-HxCDF	0.0012	0.000015	0.0014 E	NA	0.0073 D	0.0013 D	NA
1,2,3,6,7,8-HxCDF	0.00056	0.0000074	0.0013 J	NA	0.0027 D	0.00086 D	NA
1,2,3,7,8,9-HxCDF	0.000081	0.0000014	0.00016 E	NA	0.00059 J	0.000034	NA
2,3,4,6,7,8-HxCDF	0.00031	0.0000072 J	0.0022	NA	0.0018 DJ	0.0031 D	NA
HxCDFs (total)	0.0046 I	0.00018	0.034	NA	0.025	0.0038	NA
1,2,3,4,6,7,8-HpCDF	0.0017	0.000025	0.0068	NA	0.0088 D	0.0068 D	NA
1,2,3,4,7,8,9-HpCDF	0.00029	0.0000057	ND(0.00093) JX	NA	0.0015 DJ	0.00093 DJ	NA
HpCDFs (total)	0.0027	0.000052	0.013	NA	0.014	0.0032	NA
OCDF	0.0022	0.000034	0.0039 E	NA	0.0048 DJ	0.0027 DJ	NA
Dioxins							
2,3,7,8-TCDD	0.000012	ND(0.00000065)	0.0000036	NA	0.000039	0.000011	NA
TCDDs (total)	0.00016	ND(0.00000065)	0.000037	NA	0.00094	0.00015	NA
1,2,3,7,8-PeCDD	0.000024	ND(0.00000070)	0.000024	NA	0.00011	0.000025	NA
PeCDDs (total)	0.00031	0.00000097	0.00010	NA	0.00098	0.00024	NA
1,2,3,4,7,8-HxCDD	0.000012	ND(0.00000066)	0.000031	NA	0.000069	0.000016	NA
1,2,3,6,7,8-HxCDD	0.000030	0.0000020 J	0.000031	NA	0.00016	0.000040	NA
1,2,3,7,8,9-HxCDD	0.000052	0.0000012 J	0.000030	NA	0.00023	0.000058	NA
HxCDDs (total)	0.00043	0.000014	0.00040	NA	0.0019	0.00065	NA
1,2,3,4,6,7,8-HpCDD	0.00014	0.0000095	0.00033	NA	0.00087 DJ	0.00035	NA
HpCDDs (total)	0.00031	0.000020	0.00067	NA	0.0021	0.00097	NA
OCDD	0.00034	0.000062	0.0013 E	NA	0.0015 DJ	0.00096 DJ	NA
Total TEQs (WHO TEFs)	0.00082	0.0000098	0.00079	NA	0.00087 DJ	0.00081	NA
Inorganics							
Antimony	NA	5.00 B	4.40 B	NA	15.8	NA	NA
Arsenic	NA	2.70	15.2	NA	8.30	NA	NA
Barium	NA	23.6	310	NA	117	NA	NA
Beryllium	NA	ND(0.0400)	ND(0.0400)	NA	ND(0.0400)	NA	NA
Cadmium	NA	ND(0.0500)	ND(0.0500)	NA	1.20	NA	NA
Chromium	NA	4.70	12.5	NA	29.9	NA	NA
Cobalt	NA	4.60 B	6.10 B	NA	7.90	NA	NA
Copper	NA	20.5	493	NA	5140	NA	NA
Cyanide	NA	ND(1.15)	ND(1.25)	NA	ND(1.11)	NA	NA
Lead	NA	29.2	110	NA	1070	NA	NA
Mercury	NA	2.20	2.70	NA	1.00	NA	NA
Nickel	NA	11.5	23.4	NA	71.4	NA	NA
Selenium	NA	ND(4.61)	0.550 B	NA	ND(4.45)	NA	NA
Silver	NA	ND(0.0900)	ND(0.100)	NA	1.20	NA	NA
Sulfide	NA	ND(23.1)	ND(25.0)	NA	ND(22.2)	NA	NA
Thallium	NA	ND(0.240)	ND(0.270)	NA	0.280 B	NA	NA
Tin	NA	10.0 B	20.8 B	NA	244	NA	NA
Vanadium	NA	6.50	30.6	NA	13.5	NA	NA
Zinc	NA	70.5	151	NA	1440	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	Sample ID:	Sample Depth(Feet):	Date Collected:					
	J9-23-23	J9-23-23-I-19	0-1	09/17/02					
	J9-23-24	J9-23-24-G-20	1-3	09/18/02					
	J9-23-24	J9-23-24-G-20	3-4	09/18/02					
	J9-23-24	J9-23-24-G-20	3-6	09/18/02					
	J9-23-24	J9-23-24-H-20	6-8	02/02/01					
	J9-23-24	J9-23-24-H-20	6-8	09/18/02					
Volatile Organics									
1,1,1,2-Tetrachloroethane	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	NA
1,1,1-Trichloroethane	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	NA
1,1,2,2-Tetrachloroethane	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	NA
1,1,2-Trichloroethane	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	NA
1,1-Dichloroethane	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	NA
1,1-Dichloroethene	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	ND(0.0054)
1,2,3-Trichloropropane	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	ND(0.0054)
1,2-Dibromo-3-chloropropane	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	NA
1,2-Dibromoethane	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	ND(0.0054)
1,2-Dichloroethane	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	NA
1,2-Dichloropropane	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	NA
1,4-Dioxane	ND(0.11) J	ND(0.11) J	ND(0.11) J	NA	ND(1.1) J [ND(110) J]	NA
2-Butanone	ND(0.011)	ND(0.011) J	ND(0.011)	NA	ND(0.011) J [ND(1.1)]	NA
2-Chloro-1,3-butadiene	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	NA
2-Chloroethylvinylether	ND(0.0056) J	ND(0.0054) J	ND(0.0055) J	NA	ND(0.011) J [ND(1.1)]	NA
2-Hexanone	ND(0.011) J	ND(0.011) J	ND(0.011)	NA	ND(0.011) J [ND(1.1)]	NA
3-Chloropropene	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	NA
4-Methyl-2-pentanone	ND(0.011)	ND(0.011) J	ND(0.011)	NA	ND(0.011) J [ND(1.1)]	NA
Acetone	ND(0.022)	ND(0.022) J	ND(0.022)	NA	0.017 J [ND(2.2) J]	NA
Acetonitrile	ND(0.11)	ND(0.11) J	ND(0.11)	NA	ND(0.11) J [ND(11) J]	NA
Acrolein	ND(0.11) J	ND(0.11) J	ND(0.11) J	NA	ND(0.11) J [ND(11) J]	ND(0.11) J
Acrylonitrile	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.11) J [ND(11)]	ND(0.0054)
Benzene	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	NA
Bromodichloromethane	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	NA
Bromoform	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	NA
Bromomethane	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	NA
Carbon Disulfide	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.011) J [ND(1.1)]	NA
Carbon Tetrachloride	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	NA
Chlorobenzene	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	NA
Chloroethane	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	NA
Chloroform	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	NA
Chloromethane	ND(0.0056) J	ND(0.0054) J	ND(0.0055) J	NA	ND(0.0056) J [ND(0.54)]	NA
cis-1,3-Dichloropropene	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	NA
Dibromochloromethane	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	NA
Dibromomethane	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	NA
Dichlorodifluoromethane	ND(0.0056) J	ND(0.0054) J	ND(0.0055) J	NA	ND(0.0056) J [ND(0.54)]	NA
Ethyl Methacrylate	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.011) J [ND(1.1)]	NA
Ethylbenzene	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	NA
Iodomethane	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.011) J [ND(1.1)]	NA
Isobutanol	ND(0.11) J	ND(0.11) J	ND(0.11) J	NA	ND(0.22) J [ND(22) J]	NA
m&p-Xylene	NA	NA	NA	NA	ND(0.0056) J [ND(0.54)]	NA
Methacrylonitrile	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.11) J [ND(11)]	NA
Methyl Methacrylate	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.011) J [ND(1.1)]	NA
Methylene Chloride	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	NA
o-Xylene	NA	NA	NA	NA	ND(0.0056) J [ND(0.54)]	NA
Propionitrile	ND(0.011)	ND(0.011) J	ND(0.011)	NA	ND(0.11) J [ND(11)]	NA
Styrene	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	NA
Tetrachloroethene	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	0.045 J [ND(0.54)]	NA
Toluene	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	0.0026 J [ND(0.54)]	NA
trans-1,2-Dichloroethene	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	NA
trans-1,3-Dichloropropene	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	NA
trans-1,4-Dichloro-2-butene	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	NA
Trichloroethene	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	NA
Trichlorofluoromethane	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	NA
Vinyl Acetate	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.011) J [ND(1.1) J]	NA
Vinyl Chloride	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	ND(0.0056) J [ND(0.54)]	ND(0.0054)
Xylenes (total)	ND(0.0056)	ND(0.0054) J	ND(0.0055)	NA	NA	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
1,2,4-Trichlorobenzene	0.50	0.86	NA	ND(0.37)	NA	NA
1,2-Dichlorobenzene	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
1,2-Diphenylhydrazine	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
1,3,5-Trinitrobenzene	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
1,3-Dichlorobenzene	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
1,3-Dinitrobenzene	ND(0.76)	ND(0.73)	NA	ND(0.74)	NA	NA
1,4-Dichlorobenzene	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
1,4-Naphthoquinone	ND(0.76)	ND(0.73)	NA	ND(0.74)	NA	NA
1-Naphthylamine	ND(0.76)	ND(0.73)	NA	ND(0.74)	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-23	J9-23-24	J9-23-24	J9-23-24	J9-23-24	J9-23-24
Sample ID:	J9-23-23-I-19	J9-23-24-G-20	J9-23-24-G-20	J9-23-24-G-20	J9-23-24-H-20	J9-23-24-H-20
Sample Depth(Feet):	0-1	1-3	3-4	3-6	6-8	6-8
Parameter Date Collected:	09/17/02	09/18/02	09/18/02	09/18/02	02/02/01	09/18/02
Semivolatile Organics (continued)						
2,3,4,6-Tetrachlorophenol	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
2,4,5-Trichlorophenol	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
2,4,6-Trichlorophenol	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
2,4-Dichlorophenol	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
2,4-Dimethylphenol	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
2,4-Dinitrophenol	ND(1.9) J	ND(1.8)	NA	ND(1.9)	NA	NA
2,4-Dinitrotoluene	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
2,6-Dichlorophenol	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
2,6-Dinitrotoluene	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
2-Acetylaminofluorene	ND(0.76) J	ND(0.73)	NA	ND(0.74)	NA	NA
2-Chloronaphthalene	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
2-Chlorophenol	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
2-Methylnaphthalene	ND(0.38)	0.12 J	NA	ND(0.37)	NA	NA
2-Methylphenol	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
2-Naphthylamine	ND(0.76)	ND(0.73)	NA	ND(0.74)	NA	NA
2-Nitroaniline	ND(1.9)	ND(1.8)	NA	ND(1.9)	NA	NA
2-Nitrophenol	ND(0.76)	ND(0.73)	NA	ND(0.74)	NA	NA
2-Picoline	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
3&4-Methylphenol	ND(0.76)	ND(0.73)	NA	ND(0.74)	NA	NA
3,3'-Dichlorobenzidine	ND(0.76) J	ND(0.73)	NA	ND(0.74)	NA	NA
3,3'-Dimethylbenzidine	ND(0.38) J	ND(0.36)	NA	ND(0.37)	NA	ND(0.36)
3-Methylcholanthrene	ND(0.76)	ND(0.73)	NA	ND(0.74)	NA	NA
3-Nitroaniline	ND(1.9)	ND(1.8)	NA	ND(1.9)	NA	NA
4,6-Dinitro-2-methylphenol	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
4-Aminobiphenyl	ND(0.76)	ND(0.73)	NA	ND(0.74)	NA	NA
4-Bromophenyl-phenylether	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
4-Chloro-3-Methylphenol	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
4-Chloroaniline	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
4-Chlorobenzilate	ND(0.76)	ND(0.73)	NA	ND(0.74)	NA	NA
4-Chlorophenyl-phenylether	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
4-Nitroaniline	ND(1.9)	ND(1.8)	NA	ND(1.9)	NA	NA
4-Nitrophenol	ND(1.9)	ND(1.8)	NA	ND(1.9)	NA	NA
4-Nitroquinoline-1-oxide	ND(0.76)	ND(0.73)	NA	ND(0.74)	NA	NA
4-Phenylenediamine	ND(0.76) J	ND(0.73) J	NA	ND(0.74) J	NA	NA
5-Nitro-o-toluidine	ND(0.76)	ND(0.73)	NA	ND(0.74)	NA	NA
7,12-Dimethylbenz(a)anthracene	ND(0.76)	ND(0.73)	NA	ND(0.74)	NA	ND(0.73)
a,a'-Dimethylphenethylamine	ND(0.76)	ND(0.73)	NA	ND(0.74)	NA	NA
Acenaphthene	ND(0.38)	0.20 J	NA	ND(0.37)	NA	NA
Acenaphthylene	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
Acetophenone	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
Aniline	0.11 J	ND(0.36)	NA	0.082 J	NA	NA
Anthracene	ND(0.38)	0.46	NA	ND(0.37)	NA	NA
Aramite	ND(0.76)	ND(0.73)	NA	ND(0.74)	NA	NA
Benzidine	ND(0.76)	ND(0.73) J	NA	ND(0.74) J	NA	ND(0.73) J
Benzo(a)anthracene	0.16 J	0.95	NA	0.19 J	NA	NA
Benzo(a)pyrene	0.12 J	0.66	NA	0.18 J	NA	NA
Benzo(b)fluoranthene	0.18 J	0.82	NA	0.28 J	NA	NA
Benzo(g,h,i)perylene	0.13 J	0.38	NA	0.15 J	NA	NA
Benzo(k)fluoranthene	0.084 J	0.38	NA	0.10 J	NA	NA
Benzyl Alcohol	ND(0.76)	ND(0.73)	NA	ND(0.74)	NA	NA
bis(2-Chloroethoxy)methane	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
bis(2-Chloroethyl)ether	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	ND(0.36)
bis(2-Chloroisopropyl)ether	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
bis(2-Ethylhexyl)phthalate	ND(0.37)	ND(0.36)	NA	ND(0.37)	NA	NA
Butylbenzylphthalate	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
Chrysene	0.12 J	0.77	NA	0.25 J	NA	NA
Diallate	ND(0.76)	ND(0.73)	NA	ND(0.74)	NA	NA
Dibenzo(a,h)anthracene	ND(0.38)	0.10 J	NA	ND(0.37)	NA	NA
Dibenzofuran	ND(0.38)	0.20 J	NA	ND(0.37)	NA	NA
Diethylphthalate	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
Dimethoate	NA	NA	NA	NA	NA	NA
Dimethylphthalate	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
Di-n-Butylphthalate	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
Di-n-Octylphthalate	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
Diphenylamine	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
Disulfoton	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	J9-23-23	J9-23-24	J9-23-24	J9-23-24	J9-23-24	J9-23-24
	Sample ID:	J9-23-23-I-19	J9-23-24-G-20	J9-23-24-G-20	J9-23-24-G-20	J9-23-24-H-20	J9-23-24-H-20
	Sample Depth(Feet):	0-1	1-3	3-4	3-6	6-8	6-8
	Date Collected:	09/17/02	09/18/02	09/18/02	09/18/02	02/02/01	09/18/02
Semivolatile Organics (continued)							
Fluoranthene		0.26 J	2.0	NA	0.39	NA	NA
Fluorene		ND(0.38)	0.29 J	NA	ND(0.37)	NA	NA
Hexachlorobenzene		ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
Hexachlorobutadiene		ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
Hexachlorocyclopentadiene		ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
Hexachloroethane		ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
Hexachlorophene		ND(0.76) J	ND(0.73) J	NA	ND(0.74) J	NA	NA
Hexachloropropene		ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
Indeno(1,2,3-cd)pyrene		0.097 J	0.34 J	NA	0.12 J	NA	NA
Isodrin		ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
Isophorone		ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
Isosafrole		ND(0.76)	ND(0.73)	NA	ND(0.74)	NA	NA
Methapyrilene		ND(0.76)	ND(0.73)	NA	ND(0.74)	NA	NA
Methyl Methanesulfonate		ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
Methyl Parathion		NA	NA	NA	NA	NA	NA
Naphthalene		ND(0.38)	0.26 J	NA	ND(0.37)	NA	NA
Nitrobenzene		ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
N-Nitrosodiethylamine		ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	ND(0.36)
N-Nitrosodimethylamine		ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	ND(0.36)
N-Nitroso-di-n-butylamine		ND(0.76)	ND(0.73)	NA	ND(0.74)	NA	ND(0.73)
N-Nitroso-di-n-propylamine		ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	ND(0.36)
N-Nitrosodiphenylamine		ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
N-Nitrosomethylethylamine		ND(0.76)	ND(0.73)	NA	ND(0.74)	NA	ND(0.73)
N-Nitrosomorpholine		ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
N-Nitrosopiperidine		ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
N-Nitrosopyrrolidine		ND(0.76)	ND(0.73)	NA	ND(0.74)	NA	NA
o,o,o-Triethylphosphorothioate		ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
o-Toluidine		ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
p-Dimethylaminoazobenzene		ND(0.76)	ND(0.73)	NA	ND(0.74)	NA	NA
Pentachlorobenzene		ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
Pentachloroethane		ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
Pentachloronitrobenzene		ND(0.76)	ND(0.73)	NA	ND(0.74)	NA	NA
Pentachlorophenol		ND(1.9)	ND(1.8)	NA	ND(1.9)	NA	NA
Phenacetin		ND(0.76)	ND(0.73)	NA	ND(0.74)	NA	NA
Phenanthrene		0.19 J	2.2	NA	0.17 J	NA	NA
Phenol		ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
Phorate		NA	NA	NA	NA	NA	NA
Pronamide		ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
Pyrene		0.24 J	1.7	NA	0.41	NA	NA
Pyridine		ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
Safrole		ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
Sulfotep		NA	NA	NA	NA	NA	NA
Thionazin		ND(0.38)	ND(0.36)	NA	ND(0.37)	NA	NA
Organochlorine Pesticides							
4,4'-DDD		NA	NA	NA	NA	NA	NA
4,4'-DDE		NA	NA	NA	NA	NA	NA
4,4'-DDT		NA	NA	NA	NA	NA	NA
Aldrin		NA	NA	NA	NA	NA	NA
Alpha-BHC		NA	NA	NA	NA	NA	NA
Alpha-Chlordane		NA	NA	NA	NA	NA	NA
Beta-BHC		NA	NA	NA	NA	NA	NA
Delta-BHC		NA	NA	NA	NA	NA	NA
Dieldrin		NA	NA	NA	NA	NA	NA
Endosulfan I		NA	NA	NA	NA	NA	NA
Endosulfan II		NA	NA	NA	NA	NA	NA
Endosulfan Sulfate		NA	NA	NA	NA	NA	NA
Endrin		NA	NA	NA	NA	NA	NA
Endrin Aldehyde		NA	NA	NA	NA	NA	NA
Endrin Ketone		NA	NA	NA	NA	NA	NA
Famphur		NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)		NA	NA	NA	NA	NA	NA
Gamma-Chlordane		NA	NA	NA	NA	NA	NA
Heptachlor		NA	NA	NA	NA	NA	NA
Heptachlor Epoxide		NA	NA	NA	NA	NA	NA
Kepone		NA	NA	NA	NA	NA	NA
Methoxychlor		NA	NA	NA	NA	NA	NA
Technical Chlordane		NA	NA	NA	NA	NA	NA
Toxaphene		NA	NA	NA	NA	NA	NA

TABLE B-2
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CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-23	J9-23-24	J9-23-24	J9-23-24	J9-23-24	J9-23-24
Sample ID:	J9-23-23-I-19	J9-23-24-G-20	J9-23-24-G-20	J9-23-24-G-20	J9-23-24-H-20	J9-23-24-H-20
Sample Depth(Feet):	0-1	1-3	3-4	3-6	6-8	6-8
Parameter Date Collected:	09/17/02	09/18/02	09/18/02	09/18/02	02/02/01	09/18/02
Herbicides						
2,4,5-T	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	0.0045 YEJ	0.000026 Y	NA	0.00013 Y	NA	NA
TCDFs (total)	0.035	0.00026 I	NA	0.0017	NA	NA
1,2,3,7,8-PeCDF	0.0028 EIJ	0.000014 J	NA	0.00020	NA	NA
2,3,4,7,8-PeCDF	0.0039 EJ	0.000035	NA	0.00093	NA	NA
PeCDFs (total)	0.030 Q	0.00049	NA	0.0052	NA	NA
1,2,3,4,7,8-HxCDF	0.0050 EIJ	0.00013	NA	0.0032	NA	NA
1,2,3,6,7,8-HxCDF	0.0029 EJ	0.000043	NA	0.0015	NA	NA
1,2,3,7,8,9-HxCDF	0.00048	0.000026 J	NA	0.00076	NA	NA
2,3,4,6,7,8-HxCDF	ND(0.0014) X	0.000082	NA	0.00071	NA	NA
HxCDFs (total)	0.021 I	0.0011	NA	0.010	NA	NA
1,2,3,4,6,7,8-HpCDF	0.0057 EIJ	0.00029	NA	0.00095	NA	NA
1,2,3,4,7,8,9-HpCDF	0.00090	0.00013	NA	0.00078	NA	NA
HpCDFs (total)	0.0083 I	0.00083	NA	0.0027	NA	NA
OCDF	0.0045 EIJ	0.0012	NA	0.00074	NA	NA
Dioxins						
2,3,7,8-TCDD	0.000032	ND(0.0000022) X	NA	ND(0.0000026)	NA	NA
TCDDs (total)	0.00078	0.0000073	NA	0.000047	NA	NA
1,2,3,7,8-PeCDD	0.000086	0.0000096 J	NA	ND(0.000010) X	NA	NA
PeCDDs (total)	0.0011 Q	0.000064	NA	0.00010	NA	NA
1,2,3,4,7,8-HxCDD	0.00010	0.000010 J	NA	ND(0.0000058)	NA	NA
1,2,3,6,7,8-HxCDD	0.00015	0.000016 J	NA	0.0000088 J	NA	NA
1,2,3,7,8,9-HxCDD	0.00014	0.000010 J	NA	ND(0.0000054)	NA	NA
HxCDDs (total)	0.0022	0.00017	NA	0.000060	NA	NA
1,2,3,4,6,7,8-HpCDD	0.00070	0.000099	NA	0.000093	NA	NA
HpCDDs (total)	0.0014	0.00021	NA	0.00020	NA	NA
OCDD	0.0012	0.00063	NA	0.00082	NA	NA
Total TEQs (WHO TEFs)	0.0037	0.000069	NA	0.0011	NA	NA
Inorganics						
Antimony	NA	ND(6.00)	NA	ND(6.00)	NA	NA
Arsenic	NA	6.80	NA	6.10	NA	NA
Barium	NA	86.0	NA	110	NA	NA
Beryllium	NA	0.150 B	NA	ND(0.500)	NA	NA
Cadmium	NA	0.510	NA	ND(0.500)	NA	NA
Chromium	NA	7.20	NA	11.0	NA	NA
Cobalt	NA	7.00	NA	6.80	NA	NA
Copper	NA	220	NA	74.0	NA	NA
Cyanide	NA	ND(0.440)	NA	0.440	NA	NA
Lead	NA	35.0	NA	29.0	NA	NA
Mercury	NA	230	NA	540	NA	NA
Nickel	NA	14.0	NA	16.0	NA	NA
Selenium	NA	ND(1.00) J	NA	ND(1.00) J	NA	NA
Silver	NA	ND(1.00)	NA	ND(1.00)	NA	NA
Sulfide	NA	70.0	NA	41.0	NA	NA
Thallium	NA	ND(1.60)	NA	ND(1.70)	NA	NA
Tin	NA	ND(11)	NA	ND(10)	NA	NA
Vanadium	NA	12.0	NA	10.0	NA	NA
Zinc	NA	120	NA	250	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-24	J9-23-24	J9-23-24	J9-23-24	J9-23-24	J9-23-24
Sample ID:	J9-23-24-H-20	J9-23-24-H-21	J9-23-24-J-20	J9-23-24-J-20	J9-23-24-J-20	J9-23-24-J-20
Sample Depth(Feet):	6-15	0-1	1-3	3-4	3-6	6-15
Parameter Date Collected:	02/02/01	02/02/01	02/01/01	02/01/01	02/01/01	02/01/01
Volatile Organics						
1,1,1,2-Tetrachloroethane	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
1,1,1-Trichloroethane	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
1,1,2,2-Tetrachloroethane	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
1,1,2-Trichloroethane	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
1,1-Dichloroethane	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
1,1-Dichloroethene	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
1,2,3-Trichloropropane	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
1,2-Dibromo-3-chloropropane	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
1,2-Dibromoethane	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
1,2-Dichloroethane	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
1,2-Dichloropropane	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
1,4-Dioxane	NA	ND(1.2) J	ND(1.2) J	ND(1.2) J	NA	NA
2-Butanone	NA	ND(0.012)	ND(0.012)	ND(0.012)	NA	NA
2-Chloro-1,3-butadiene	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
2-Chloroethylvinylether	NA	ND(0.012)	ND(0.012)	ND(0.012)	NA	NA
2-Hexanone	NA	ND(0.012)	ND(0.012)	ND(0.012)	NA	NA
3-Chloropropene	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
4-Methyl-2-pentanone	NA	ND(0.012)	ND(0.012)	ND(0.012)	NA	NA
Acetone	NA	ND(0.025)	0.018 J	ND(0.023)	NA	NA
Acetonitrile	NA	ND(0.12) J	ND(0.12) J	ND(0.12) J	NA	NA
Acrolein	NA	ND(0.12)	ND(0.12)	ND(0.12)	NA	NA
Acrylonitrile	NA	ND(0.12)	ND(0.12)	ND(0.12)	NA	NA
Benzene	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
Bromodichloromethane	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
Bromoform	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
Bromomethane	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
Carbon Disulfide	NA	ND(0.012)	ND(0.012)	ND(0.012)	NA	NA
Carbon Tetrachloride	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
Chlorobenzene	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
Chloroethane	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
Chloroform	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
Chloromethane	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
cis-1,3-Dichloropropene	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
Dibromochloromethane	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
Dibromomethane	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
Dichlorodifluoromethane	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
Ethyl Methacrylate	NA	ND(0.012)	ND(0.012)	ND(0.012)	NA	NA
Ethylbenzene	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
Iodomethane	NA	ND(0.012)	ND(0.012)	ND(0.012)	NA	NA
Isobutanol	NA	ND(0.25) J	ND(0.23) J	ND(0.23) J	NA	NA
m&p-Xylene	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
Methacrylonitrile	NA	ND(0.12)	ND(0.12)	ND(0.12)	NA	NA
Methyl Methacrylate	NA	ND(0.012)	ND(0.012)	ND(0.012)	NA	NA
Methylene Chloride	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
o-Xylene	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
Propionitrile	NA	ND(0.12)	ND(0.12)	ND(0.12)	NA	NA
Styrene	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
Tetrachloroethene	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
Toluene	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
trans-1,2-Dichloroethene	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
trans-1,3-Dichloropropene	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
trans-1,4-Dichloro-2-butene	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
Trichloroethene	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
Trichlorofluoromethane	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
Vinyl Acetate	NA	ND(0.012)	ND(0.012)	ND(0.012)	NA	NA
Vinyl Chloride	NA	ND(0.0061)	ND(0.0059)	ND(0.0058)	NA	NA
Xylenes (total)	NA	NA	NA	NA	NA	NA
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	4.2 [2.0]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
1,2,4-Trichlorobenzene	6.1 [1.5]	1.2 J	ND(0.39)	NA	ND(0.39)	ND(0.40)
1,2-Dichlorobenzene	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
1,2-Diphenylhydrazine	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
1,3,5-Trinitrobenzene	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
1,3-Dichlorobenzene	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
1,3-Dinitrobenzene	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
1,4-Dichlorobenzene	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
1,4-Naphthoquinone	ND(1.9) [ND(1.9)]	ND(10)	ND(2.0)	NA	ND(2.0)	ND(2.1)
1-Naphthylamine	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	J9-23-24 / J9-23-24-H-20 / 6-15 / 02/02/01	J9-23-24 / J9-23-24-H-21 / 0-1 / 02/02/01	J9-23-24 / J9-23-24-J-20 / 1-3 / 02/01/01	J9-23-24 / J9-23-24-J-20 / 3-4 / 02/01/01	J9-23-24 / J9-23-24-J-20 / 3-6 / 02/01/01	J9-23-24 / J9-23-24-J-20 / 6-15 / 02/01/01
Semivolatile Organics (continued)						
2,3,4,6-Tetrachlorophenol	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
2,4,5-Trichlorophenol	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
2,4,6-Trichlorophenol	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
2,4-Dichlorophenol	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
2,4-Dimethylphenol	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
2,4-Dinitrophenol	ND(1.9) [ND(1.9)]	ND(10)	ND(2.0)	NA	ND(2.0)	ND(2.1)
2,4-Dinitrotoluene	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
2,6-Dichlorophenol	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
2,6-Dinitrotoluene	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
2-Acetylaminofluorene	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
2-Chloronaphthalene	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
2-Chlorophenol	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
2-Methylnaphthalene	ND(0.37) [ND(0.37)]	0.23 J	ND(0.39)	NA	ND(0.39)	ND(0.40)
2-Methylphenol	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
2-Naphthylamine	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
2-Nitroaniline	ND(1.9) [ND(1.9)]	ND(10)	ND(2.0)	NA	ND(2.0)	ND(2.1)
2-Nitrophenol	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
2-Picoline	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
3&4-Methylphenol	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
3,3'-Dichlorobenzidine	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
3,3'-Dimethylbenzidine	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
3-Methylcholanthrene	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
3-Nitroaniline	ND(1.9) [ND(1.9)]	ND(10)	ND(2.0)	NA	ND(2.0)	ND(2.1)
4,6-Dinitro-2-methylphenol	ND(1.9) [ND(1.9)]	ND(10)	ND(2.0)	NA	ND(2.0)	ND(2.1)
4-Aminobiphenyl	ND(1.9) J [ND(1.9) J]	ND(10) J	ND(2.0) J	NA	ND(2.0) J	ND(2.1) J
4-Bromophenyl-phenylether	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
4-Chloro-3-Methylphenol	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
4-Chloroaniline	ND(0.37) J [ND(0.37) J]	ND(2.0) J	ND(0.39) J	NA	ND(0.39) J	ND(0.40) J
4-Chlorobenzilate	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
4-Chlorophenyl-phenylether	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
4-Nitroaniline	ND(1.9) [ND(1.9)]	ND(10)	ND(2.0)	NA	ND(2.0)	ND(2.1)
4-Nitrophenol	ND(1.9) [ND(1.9)]	ND(10)	ND(2.0)	NA	ND(2.0)	ND(2.1)
4-Nitroquinoline-1-oxide	ND(1.9) J [ND(1.9) J]	ND(10) J	ND(2.0) J	NA	ND(2.0) J	ND(2.1) J
4-Phenylenediamine	ND(1.9) J [ND(1.9) J]	ND(10) J	ND(2.0) J	NA	ND(2.0) J	ND(2.1) J
5-Nitro-o-toluidine	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
7,12-Dimethylbenz(a)anthracene	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
a,a'-Dimethylphenethylamine	ND(1.9) [ND(1.9)]	ND(10)	ND(2.0)	NA	ND(2.0)	ND(2.1)
Acenaphthene	ND(0.37) [ND(0.37)]	0.69 J	ND(0.39)	NA	ND(0.39)	ND(0.40)
Acenaphthylene	ND(0.37) [ND(0.37)]	0.43 J	0.057 J	NA	ND(0.39)	ND(0.40)
Acetophenone	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
Aniline	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
Anthracene	ND(0.37) [ND(0.37)]	1.6 J	0.040 J	NA	ND(0.39)	ND(0.40)
Aramite	ND(1.9) [ND(1.9)]	ND(10)	ND(2.0)	NA	ND(2.0)	ND(2.1)
Benzidine	ND(3.7) J [ND(3.7) J]	ND(20) J	ND(3.9) J	NA	ND(3.9) J	ND(4.0) J
Benzo(a)anthracene	ND(0.37) [ND(0.37)]	3.7	0.084 J	NA	ND(0.39)	ND(0.40)
Benzo(a)pyrene	ND(0.37) [ND(0.37)]	3.9	0.11 J	NA	ND(0.39)	ND(0.40)
Benzo(b)fluoranthene	ND(0.37) [ND(0.37)]	3.4	0.079 J	NA	ND(0.39)	ND(0.40)
Benzo(g,h,i)perylene	ND(0.37) [ND(0.37)]	3.1	0.11 J	NA	ND(0.39)	ND(0.40)
Benzo(k)fluoranthene	ND(0.37) [ND(0.37)]	3.5	0.10 J	NA	ND(0.39)	ND(0.40)
Benzyl Alcohol	ND(1.9) [ND(1.9)]	ND(10)	ND(2.0)	NA	ND(2.0)	ND(2.1)
bis(2-Chloroethoxy)methane	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
bis(2-Chloroethyl)ether	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
bis(2-Chloroisopropyl)ether	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
bis(2-Ethylhexyl)phthalate	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
Butylbenzylphthalate	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
Chrysene	ND(0.37) [ND(0.37)]	3.8	0.12 J	NA	ND(0.39)	ND(0.40)
Diallate	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
Dibenzo(a,h)anthracene	ND(0.37) [ND(0.37)]	0.93 J	ND(0.39)	NA	ND(0.39)	ND(0.40)
Dibenzofuran	ND(0.37) [ND(0.37)]	0.56 J	ND(0.39)	NA	ND(0.39)	ND(0.40)
Diethylphthalate	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
Dimethoate	NA	NA	NA	NA	NA	NA
Dimethylphthalate	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
Di-n-Butylphthalate	0.095 J [0.054 J]	ND(2.0)	0.048 J	NA	ND(0.39)	ND(0.40)
Di-n-Octylphthalate	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
Diphenylamine	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
Disulfoton	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
Ethyl Parathion	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	J9-23-24 / J9-23-24-H-20 / 6-15 / 02/02/01	J9-23-24 / J9-23-24-H-21 / 0-1 / 02/02/01	J9-23-24 / J9-23-24-J-20 / 1-3 / 02/01/01	J9-23-24 / J9-23-24-J-20 / 3-4 / 02/01/01	J9-23-24 / J9-23-24-J-20 / 3-6 / 02/01/01	J9-23-24 / J9-23-24-J-20 / 6-15 / 02/01/01
Semivolatile Organics (continued)						
Fluoranthene	ND(0.37) [ND(0.37)]	9.6	0.18 J	NA	ND(0.39)	ND(0.40)
Fluorene	ND(0.37) [ND(0.37)]	0.86 J	ND(0.39)	NA	ND(0.39)	ND(0.40)
Hexachlorobenzene	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
Hexachlorobutadiene	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
Hexachlorocyclopentadiene	ND(0.37) J [ND(0.37) J]	ND(2.0) J	ND(0.39) J	NA	ND(0.39) J	ND(0.40)
Hexachloroethane	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
Hexachlorophene	R [R]	R	R	NA	R	R
Hexachloropropene	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
Indeno(1,2,3-cd)pyrene	ND(0.37) [ND(0.37)]	2.5	0.085 J	NA	ND(0.39)	ND(0.40)
Isodrin	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
Isophorone	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
Isosafrole	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
Methapyrilene	ND(1.9) [ND(1.9)]	ND(10)	ND(2.0)	NA	ND(2.0)	ND(2.1)
Methyl Methanesulfonate	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
Methyl Parathion	NA	NA	NA	NA	NA	NA
Naphthalene	ND(0.37) [ND(0.37)]	0.66 J	ND(0.39)	NA	ND(0.39)	ND(0.40)
Nitrobenzene	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
N-Nitrosodiethylamine	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
N-Nitrosodimethylamine	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
N-Nitroso-di-n-butylamine	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
N-Nitroso-di-n-propylamine	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
N-Nitrosodiphenylamine	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
N-Nitrosomethylethylamine	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
N-Nitrosomorpholine	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
N-Nitrosopiperidine	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
N-Nitrosopyrrolidine	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
o,o,o-Triethylphosphorothioate	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
o-Toluidine	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
p-Dimethylaminoazobenzene	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
Pentachlorobenzene	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
Pentachloroethane	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
Pentachloronitrobenzene	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
Pentachlorophenol	ND(1.9) [ND(1.9)]	ND(10)	ND(2.0)	NA	ND(2.0)	ND(2.1)
Phenacetin	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
Phenanthrene	ND(0.37) [ND(0.37)]	7.2	0.092 J	NA	ND(0.39)	ND(0.40)
Phenol	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
Phorate	NA	NA	NA	NA	NA	NA
Pronamide	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
Pyrene	ND(0.37) [ND(0.37)]	7.4	0.19 J	NA	ND(0.39)	ND(0.40)
Pyridine	ND(1.9) [ND(1.9)]	ND(10)	ND(2.0)	NA	ND(2.0)	ND(2.1)
Safrole	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
Sulfotep	NA	NA	NA	NA	NA	NA
Thionazin	ND(0.37) [ND(0.37)]	ND(2.0)	ND(0.39)	NA	ND(0.39)	ND(0.40)
Organochlorine Pesticides						
4,4'-DDD	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-24	J9-23-24	J9-23-24	J9-23-24	J9-23-24	J9-23-24
Sample ID:	J9-23-24-H-20	J9-23-24-H-21	J9-23-24-J-20	J9-23-24-J-20	J9-23-24-J-20	J9-23-24-J-20
Sample Depth(Feet):	6-15	0-1	1-3	3-4	3-6	6-15
Parameter Date Collected:	02/02/01	02/02/01	02/01/01	02/01/01	02/01/01	02/01/01
Herbicides						
2,4,5-T	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	0.000018 [0.000023]	0.00020	0.00024 DJ	NA	0.0000024	ND(0.00000032)
TCDFs (total)	0.00010 [0.00010]	0.0018	0.0011	NA	0.0000051	ND(0.00000032)
1,2,3,7,8-PeCDF	0.00013 [0.000021]	0.00017	0.000050	NA	ND(0.00000022)	ND(0.00000023)
2,3,4,7,8-PeCDF	0.000044 [0.000059]	0.000074	0.000070	NA	ND(0.00000022)	ND(0.00000023)
PeCDFs (total)	0.00052 [0.00068]	0.0023	0.00085	NA	0.0000044	ND(0.00000023)
1,2,3,4,7,8-HxCDF	0.0026 D [0.0018 DJ]	0.0028 D	0.00016	NA	ND(0.00000085) JX	ND(0.00000024)
1,2,3,6,7,8-HxCDF	0.00021 [0.0028]	0.00022	0.000076	NA	ND(0.00000037)	ND(0.00000028)
1,2,3,7,8,9-HxCDF	0.00012 [0.00017]	0.000075	0.0000017	NA	ND(0.00000042)	ND(0.00000031)
2,3,4,6,7,8-HxCDF	0.00029 [0.00040]	ND(0.00021) X	0.000060 J	NA	ND(0.00000039)	ND(0.00000029)
HxCDFs (total)	0.0043 [0.0048]	0.0045	0.00089	NA	0.0000040	0.00000098
1,2,3,4,6,7,8-HpCDF	0.0059 D [0.0041 DJ]	0.0079 D	0.00023	NA	0.0000028	0.0000022 J
1,2,3,4,7,8,9-HpCDF	0.0029 D [0.0023 DJ]	0.0070 D	0.000038	NA	ND(0.00000033)	ND(0.00000034)
HpCDFs (total)	0.013 [0.016]	0.020	0.00041	NA	0.0000028	0.0000037
OCDF	0.024 D [0.017 D]	0.055 D	0.00019	NA	0.0000017 J	ND(0.00000054)
Dioxins						
2,3,7,8-TCDD	0.0000042 [0.0000033]	ND(0.0000015) X	0.0000015	NA	ND(0.00000048)	ND(0.00000035)
TCDDs (total)	0.000031 [0.000044]	0.000023	0.000025	NA	ND(0.00000048)	ND(0.00000035)
1,2,3,7,8-PeCDD	0.000044 [0.000051]	ND(0.0000034) X	0.0000025	NA	ND(0.00000038)	ND(0.00000037)
PeCDDs (total)	0.00013 [0.00016]	0.000013	0.000017	NA	ND(0.00000038)	ND(0.00000037)
1,2,3,4,7,8-HxCDD	0.00013 [0.00013]	ND(0.000002) X	ND(0.0000022) JX	NA	ND(0.00000032)	ND(0.00000034)
1,2,3,6,7,8-HxCDD	0.00011 [0.00013]	0.000011	0.0000048	NA	ND(0.00000036)	ND(0.0000016) JX
1,2,3,7,8,9-HxCDD	0.000090 [0.000097]	0.0000058	0.0000058	NA	ND(0.00000034)	0.00000074 J
HxCDDs (total)	0.0010 [0.0010]	0.00011	0.000054	NA	0.0000042	0.0000085
1,2,3,4,6,7,8-HpCDD	0.0021 DJ [0.0022]	0.000065	0.000027	NA	0.0000021 J	0.0000044
HpCDDs (total)	0.0035 [0.0037]	0.00015	0.000056	NA	0.0000043	0.0000088
OCDD	0.010 D [0.0069 D]	0.00040	0.000061	NA	0.0000058	0.0000082
Total TEQs (WHO TEFs)	0.00055 [0.00073]	0.00056	0.000099	NA	0.00000097	0.00000081
Inorganics						
Antimony	ND(0.660) J [ND(0.660) J]	1.60 J	0.840 J	NA	ND(0.700) J	ND(0.730) J
Arsenic	2.90 J [2.90 J]	9.20 J	7.50 J	NA	4.70 J	3.60 J
Barium	12.5 J [13.5 J]	124 J	32.1 J	NA	17.2 J	27.6 J
Beryllium	ND(0.0400) [ND(0.0400)]	ND(0.0400)	ND(0.0400)	NA	ND(0.0400)	ND(0.0400)
Cadmium	ND(0.0500) [ND(0.0500)]	0.390 B	0.150 B	NA	ND(0.0500)	ND(0.0500)
Chromium	5.60 J [5.60 J]	8.20 J	9.40 J	NA	9.30 J	6.00 J
Cobalt	7.40 [7.80]	9.30	9.30	NA	10.6	7.80
Copper	12.3 [15.1]	156	42.4	NA	17.2	15.0
Cyanide	ND(1.13) [ND(1.13)]	ND(1.23)	ND(1.17)	NA	ND(1.18)	ND(1.22)
Lead	6.00 [6.30]	154	24.6	NA	11.4	7.30
Mercury	0.0100 B [0.0100 B]	0.830	0.0400	NA	0.0300 B	ND(0.00400)
Nickel	12.0 [13.3]	14.6	17.6	NA	13.4	13.7
Selenium	0.130 J [0.100 J]	0.530 J	0.480 J	NA	0.450 J	0.300 J
Silver	ND(0.0900) [ND(0.0900)]	ND(0.100)	ND(0.0900)	NA	ND(0.0900)	ND(0.100)
Sulfide	ND(22.6) [ND(22.5)]	ND(24.5)	ND(23.4)	NA	ND(23.6)	ND(24.3)
Thallium	ND(0.240) [ND(0.240)]	ND(0.270)	ND(0.250)	NA	ND(0.250)	ND(0.260)
Tin	5.40 B [5.20 B]	21.2 B	7.40 B	NA	4.80 B	7.20 B
Vanadium	6.00 [6.40]	10.9	10.6	NA	11.0	7.90
Zinc	37.3 J [38.8 J]	129 J	71.8 J	NA	51.0 J	40.2 J

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	Sample ID:	Sample Depth(Feet):	Date Collected:
	J9-23-24	J9-23-24	J9-23-25	J9-23-25
	J9-23-24-J-20	J9-23-24-J-21	J9-23-25-B-20	J9-23-25-B-20
	8-10	0-1	1-3	3-6
	02/01/01	02/02/01	02/06/01	02/06/01
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
1,1,1-Trichloroethane	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
1,1,2,2-Tetrachloroethane	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
1,1,2-Trichloroethane	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
1,1-Dichloroethane	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
1,1-Dichloroethene	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
1,2,3-Trichloropropane	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
1,2-Dibromo-3-chloropropane	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
1,2-Dibromoethane	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
1,2-Dichloroethane	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
1,2-Dichloropropane	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
1,4-Dioxane	ND(1.2) J	ND(1.2) J	ND(1.1) J	NA
2-Butanone	ND(0.012)	ND(0.012)	ND(0.011)	NA
2-Chloro-1,3-butadiene	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
2-Chloroethylvinylether	ND(0.012)	ND(0.012)	ND(0.011)	NA
2-Hexanone	ND(0.012)	ND(0.012)	ND(0.011)	NA
3-Chloropropene	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
4-Methyl-2-pentanone	ND(0.012)	ND(0.012)	ND(0.011)	NA
Acetone	0.011 J	ND(0.025)	ND(0.023)	NA
Acetonitrile	ND(0.12) J	ND(0.12) J	ND(0.11) J	NA
Acrolein	ND(0.12)	ND(0.12)	ND(0.11) J	NA
Acrylonitrile	ND(0.12)	ND(0.12)	ND(0.11)	NA
Benzene	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
Bromodichloromethane	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
Bromoform	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
Bromomethane	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
Carbon Disulfide	ND(0.012)	ND(0.012)	ND(0.011)	NA
Carbon Tetrachloride	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
Chlorobenzene	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
Chloroethane	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
Chloroform	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
Chloromethane	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
cis-1,3-Dichloropropene	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
Dibromochloromethane	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
Dibromomethane	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
Dichlorodifluoromethane	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
Ethyl Methacrylate	ND(0.012)	ND(0.012)	ND(0.011)	NA
Ethylbenzene	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
Iodomethane	ND(0.012)	ND(0.012)	ND(0.011)	NA
Isobutanol	ND(0.25) J	ND(0.25) J	ND(0.23) J	NA
m&p-Xylene	ND(0.0062)	0.0014 J	ND(0.0057)	NA
Methacrylonitrile	ND(0.12)	ND(0.12)	ND(0.11)	NA
Methyl Methacrylate	ND(0.012)	ND(0.012)	ND(0.011)	NA
Methylene Chloride	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
o-Xylene	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
Propionitrile	ND(0.12)	ND(0.12)	ND(0.11)	NA
Styrene	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
Tetrachloroethene	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
Toluene	ND(0.0062)	0.0012 J	ND(0.0057)	NA
trans-1,2-Dichloroethene	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
trans-1,3-Dichloropropene	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
trans-1,4-Dichloro-2-butene	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
Trichloroethene	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
Trichlorofluoromethane	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
Vinyl Acetate	ND(0.012)	ND(0.012)	ND(0.011) J	NA
Vinyl Chloride	ND(0.0062)	ND(0.0062)	ND(0.0057)	NA
Xylenes (total)	NA	NA	NA	NA
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	NA	ND(0.41)	ND(0.38)	ND(0.37)
1,2,4-Trichlorobenzene	NA	ND(0.41)	ND(0.38)	0.094 J
1,2-Dichlorobenzene	NA	ND(0.41)	ND(0.38)	ND(0.37)
1,2-Diphenylhydrazine	NA	ND(0.41)	ND(0.38)	ND(0.37)
1,3,5-Trinitrobenzene	NA	ND(0.41)	ND(0.38)	ND(0.37)
1,3-Dichlorobenzene	NA	ND(0.41)	ND(0.38)	ND(0.37)
1,3-Dinitrobenzene	NA	ND(0.41)	ND(0.38)	ND(0.37)
1,4-Dichlorobenzene	NA	ND(0.41)	ND(0.38)	ND(0.37)
1,4-Naphthoquinone	NA	ND(2.1)	ND(1.9) J	ND(1.9) J
1-Naphthylamine	NA	ND(0.41)	ND(0.38)	ND(0.37)

Parameter	Parcel ID:	Sample ID:	Sample Depth(Feet):	Date Collected:
	J9-23-25	J9-23-25	J9-23-25	J9-23-25
	J9-23-25-B-20	J9-23-25-B-20	J9-23-25-C-21	J9-23-25-D-20
	4-6	4-6	0-1	3-6
	02/06/01	02/06/01	03/22/01	02/06/01
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0056)	ND(0.0060)	NA	
1,1,1-Trichloroethane	ND(0.0056)	ND(0.0060)	NA	
1,1,2,2-Tetrachloroethane	ND(0.0056)	ND(0.0060)	NA	
1,1,2-Trichloroethane	ND(0.0056)	ND(0.0060)	NA	
1,1-Dichloroethane	ND(0.0056)	ND(0.0060)	NA	
1,1-Dichloroethene	ND(0.0056)	ND(0.0060)	NA	
1,2,3-Trichloropropane	ND(0.0056)	ND(0.0060)	NA	
1,2-Dibromo-3-chloropropane	ND(0.0056)	ND(0.0060)	NA	
1,2-Dibromoethane	ND(0.0056)	ND(0.0060)	NA	
1,2-Dichloroethane	ND(0.0056)	ND(0.0060)	NA	
1,2-Dichloropropane	ND(0.0056)	ND(0.0060)	NA	
1,4-Dioxane	ND(1.1) J	ND(1.2) J	NA	
2-Butanone	0.0089 J	ND(0.012)	NA	
2-Chloro-1,3-butadiene	ND(0.0056)	ND(0.0060)	NA	
2-Chloroethylvinylether	ND(0.011)	ND(0.012)	NA	
2-Hexanone	ND(0.011)	ND(0.012)	NA	
3-Chloropropene	ND(0.0056)	ND(0.0060)	NA	
4-Methyl-2-pentanone	ND(0.011)	ND(0.012)	NA	
Acetone	0.054	ND(0.024)	NA	
Acetonitrile	ND(0.11) J	ND(0.12) J	NA	
Acrolein	ND(0.11) J	ND(0.12)	NA	
Acrylonitrile	ND(0.11)	ND(0.12)	NA	
Benzene	ND(0.0056)	ND(0.0060)	NA	
Bromodichloromethane	ND(0.0056)	ND(0.0060)	NA	
Bromoform	ND(0.0056)	ND(0.0060)	NA	
Bromomethane	ND(0.0056)	ND(0.0060)	NA	
Carbon Disulfide	ND(0.011)	ND(0.012)	NA	
Carbon Tetrachloride	ND(0.0056)	ND(0.0060)	NA	
Chlorobenzene	ND(0.0056)	ND(0.0060)	NA	
Chloroethane	ND(0.0056)	ND(0.0060)	NA	
Chloroform	ND(0.0056)	ND(0.0060)	NA	
Chloromethane	ND(0.0056)	ND(0.0060)	NA	
cis-1,3-Dichloropropene	ND(0.0056)	ND(0.0060)	NA	
Dibromochloromethane	ND(0.0056)	ND(0.0060)	NA	
Dibromomethane	ND(0.0056)	ND(0.0060)	NA	
Dichlorodifluoromethane	ND(0.0056)	ND(0.0060)	NA	
Ethyl Methacrylate	ND(0.011)	ND(0.012)	NA	
Ethylbenzene	ND(0.0056)	ND(0.0060)	NA	
Iodomethane	ND(0.011)	ND(0.012) J	NA	
Isobutanol	ND(0.22) J	ND(0.24) J	NA	
m&p-Xylene	ND(0.0056)	ND(0.0060)	NA	
Methacrylonitrile	ND(0.11)	ND(0.12)	NA	
Methyl Methacrylate	ND(0.011)	ND(0.012)	NA	
Methylene Chloride	ND(0.0056)	ND(0.0060)	NA	
o-Xylene	ND(0.0056)	ND(0.0060)	NA	
Propionitrile	ND(0.11)	ND(0.12)	NA	
Styrene	ND(0.0056)	ND(0.0060)	NA	
Tetrachloroethene	ND(0.0056)	ND(0.0060)	NA	
Toluene	ND(0.0056)	ND(0.0060)	NA	
trans-1,2-Dichloroethene	ND(0.0056)	ND(0.0060)	NA	
trans-1,3-Dichloropropene	ND(0.0056)	ND(0.0060)	NA	
trans-1,4-Dichloro-2-butene	ND(0.0056)	ND(0.0060)	NA	
Trichloroethene	ND(0.0056)	ND(0.0060)	NA	
Trichlorofluoromethane	ND(0.0056)	ND(0.0060)	NA	
Vinyl Acetate	ND(0.011) J	ND(0.012)	NA	
Vinyl Chloride	ND(0.0056)	ND(0.0060)	NA	
Xylenes (total)	NA	NA	NA	
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene	NA	ND(0.40)	NA	
1,2,4-Trichlorobenzene	NA	ND(0.40)	NA	
1,2-Dichlorobenzene	NA	ND(0.40)	NA	
1,2-Diphenylhydrazine	NA	ND(0.40)	NA	
1,3,5-Trinitrobenzene	NA	ND(0.40)	NA	
1,3-Dichlorobenzene	NA	ND(0.40)	NA	
1,3-Dinitrobenzene	NA	ND(0.40)	NA	
1,4-Dichlorobenzene	NA	ND(0.40)	NA	
1,4-Naphthoquinone	NA	ND(2.0)	NA	
1-Naphthylamine	NA	ND(0.40)	NA	

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	J9-23-24	J9-23-24	J9-23-25	J9-23-25	J9-23-25	J9-23-25	J9-23-25
	Sample ID:	J9-23-24-J-20	J9-23-24-J-21	J9-23-25-B-20	J9-23-25-B-20	J9-23-25-B-20	J9-23-25-C-21	J9-23-25-D-20
	Sample Depth(Feet):	8-10	0-1	1-3	3-6	4-6	0-1	3-6
	Date Collected:	02/01/01	02/02/01	02/06/01	02/06/01	02/06/01	03/22/01	02/06/01
Semivolatile Organics (continued)								
2,3,4,6-Tetrachlorophenol		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
2,4,5-Trichlorophenol		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
2,4,6-Trichlorophenol		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
2,4-Dichlorophenol		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
2,4-Dimethylphenol		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
2,4-Dinitrophenol		NA	ND(2.1)	ND(1.9)	ND(1.9)	NA	ND(2.0)	NA
2,4-Dinitrotoluene		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
2,6-Dichlorophenol		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
2,6-Dinitrotoluene		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
2-Acetylaminofluorene		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
2-Chloronaphthalene		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
2-Chlorophenol		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
2-Methylnaphthalene		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
2-Methylphenol		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
2-Naphthylamine		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
2-Nitroaniline		NA	ND(2.1)	ND(1.9)	ND(1.9)	NA	ND(2.0)	NA
2-Nitrophenol		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
2-Picoline		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
3&4-Methylphenol		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
3,3'-Dichlorobenzidine		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
3,3'-Dimethylbenzidine		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
3-Methylcholanthrene		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
3-Nitroaniline		NA	ND(2.1)	ND(1.9)	ND(1.9)	NA	ND(2.0)	NA
4,6-Dinitro-2-methylphenol		NA	ND(2.1)	ND(1.9)	ND(1.9)	NA	ND(2.0)	NA
4-Aminobiphenyl		NA	ND(2.1) J	ND(1.9)	ND(1.9)	NA	ND(2.0)	NA
4-Bromophenyl-phenylether		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
4-Chloro-3-Methylphenol		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
4-Chloroaniline		NA	ND(0.41) J	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
4-Chlorobenzilate		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
4-Chlorophenyl-phenylether		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
4-Nitroaniline		NA	ND(2.1)	ND(1.9)	ND(1.9)	NA	ND(2.0)	NA
4-Nitrophenol		NA	ND(2.1)	ND(1.9)	ND(1.9)	NA	ND(2.0)	NA
4-Nitroquinoline-1-oxide		NA	ND(2.1) J	ND(1.9) J	ND(1.9) J	NA	ND(2.0)	NA
4-Phenylenediamine		NA	ND(2.1) J	ND(1.9) J	ND(1.9) J	NA	ND(2.0) J	NA
5-Nitro-o-toluidine		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
7,12-Dimethylbenz(a)anthracene		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
a,a'-Dimethylphenethylamine		NA	ND(2.1)	ND(1.9)	ND(1.9)	NA	ND(2.0)	NA
Acenaphthene		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Acenaphthylene		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Acetophenone		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Aniline		NA	ND(0.41)	R	R	NA	ND(0.40) J	NA
Anthracene		NA	ND(0.41)	ND(0.38)	0.10 J	NA	ND(0.40)	NA
Aramite		NA	ND(2.1)	ND(1.9)	ND(1.9)	NA	ND(2.0)	NA
Benzidine		NA	ND(4.1) J	ND(3.8) J	ND(3.7) J	NA	ND(4.0)	NA
Benzo(a)anthracene		NA	ND(0.41)	ND(0.38)	0.42	NA	ND(0.40)	NA
Benzo(a)pyrene		NA	ND(0.41)	ND(0.38)	0.44	NA	ND(0.40)	NA
Benzo(b)fluoranthene		NA	ND(0.41)	ND(0.38)	0.38	NA	ND(0.40)	NA
Benzo(g,h,i)perylene		NA	ND(0.41)	ND(0.38)	0.40	NA	ND(0.40)	NA
Benzo(k)fluoranthene		NA	ND(0.41)	ND(0.38)	0.35 J	NA	ND(0.40)	NA
Benzyl Alcohol		NA	ND(2.1)	ND(1.9)	ND(1.9)	NA	ND(2.0)	NA
bis(2-Chloroethoxy)methane		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
bis(2-Chloroethyl)ether		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
bis(2-Chloroisopropyl)ether		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
bis(2-Ethylhexyl)phthalate		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	0.065 J	NA
Butylbenzylphthalate		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Chrysene		NA	ND(0.41)	ND(0.38)	0.44	NA	ND(0.40)	NA
Diallate		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Dibenzo(a,h)anthracene		NA	ND(0.41)	ND(0.38)	0.14 J	NA	ND(0.40)	NA
Dibenzofuran		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Diethylphthalate		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Dimethoate		NA	NA	NA	NA	NA	NA	ND(1.9)
Dimethylphthalate		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Di-n-Butylphthalate		NA	0.044 J	0.040 J	ND(0.37)	NA	ND(0.40)	NA
Di-n-Octylphthalate		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Diphenylamine		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Disulfoton		NA	NA	NA	NA	NA	NA	ND(0.37)
Ethyl Methanesulfonate		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Ethyl Parathion		NA	NA	NA	NA	NA	NA	ND(0.37)

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	J9-23-24	J9-23-24	J9-23-25	J9-23-25	J9-23-25	J9-23-25	J9-23-25
	Sample ID:	J9-23-24-J-20	J9-23-24-J-21	J9-23-25-B-20	J9-23-25-B-20	J9-23-25-B-20	J9-23-25-C-21	J9-23-25-D-20
	Sample Depth(Feet):	8-10	0-1	1-3	3-6	4-6	0-1	3-6
	Date Collected:	02/01/01	02/02/01	02/06/01	02/06/01	02/06/01	03/22/01	02/06/01
Semivolatile Organics (continued)								
Fluoranthene		NA	ND(0.41)	0.063 J	0.77	NA	0.061 J	NA
Fluorene		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Hexachlorobenzene		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Hexachlorobutadiene		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Hexachlorocyclopentadiene		NA	ND(0.41) J	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Hexachloroethane		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Hexachlorophene		NA	R	R	R	NA	ND(0.60) J	NA
Hexachloropropene		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Indeno(1,2,3-cd)pyrene		NA	ND(0.41)	ND(0.38)	0.34 J	NA	ND(0.40)	NA
Isodrin		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Isophorone		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Isosafrole		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Methapyrilene		NA	ND(2.1)	ND(1.9)	ND(1.9)	NA	ND(2.0) J	NA
Methyl Methanesulfonate		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Methyl Parathion		NA	NA	NA	NA	NA	NA	ND(0.37)
Naphthalene		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Nitrobenzene		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
N-Nitrosodiethylamine		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
N-Nitrosodimethylamine		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
N-Nitroso-di-n-butylamine		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
N-Nitroso-di-n-propylamine		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
N-Nitrosodiphenylamine		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
N-Nitrosomethylethylamine		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
N-Nitrosomorpholine		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
N-Nitrosopiperidine		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
N-Nitrosopyrrolidine		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
o,o,o-Triethylphosphorothioate		NA	ND(0.41)	ND(0.38) J	ND(0.37)	NA	ND(0.40)	NA
o-Toluidine		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
p-Dimethylaminoazobenzene		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Pentachlorobenzene		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Pentachloroethane		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Pentachloronitrobenzene		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Pentachlorophenol		NA	ND(2.1)	ND(1.9)	ND(1.9)	NA	ND(2.0)	NA
Phenacetin		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Phenanthrene		NA	ND(0.41)	0.041 J	0.42	NA	ND(0.40)	NA
Phenol		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Phorate		NA	NA	NA	NA	NA	NA	ND(0.37)
Pronamide		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Pyrene		NA	ND(0.41)	0.053 J	0.69	NA	0.050 J	NA
Pyridine		NA	ND(2.1)	ND(1.9)	ND(1.9)	NA	ND(2.0)	NA
Safrole		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Sulfotep		NA	NA	NA	NA	NA	NA	ND(0.37)
Thionazin		NA	ND(0.41)	ND(0.38)	ND(0.37)	NA	ND(0.40)	NA
Organochlorine Pesticides								
4,4'-DDD		NA	NA	NA	NA	NA	NA	ND(0.0019)
4,4'-DDE		NA	NA	NA	NA	NA	NA	ND(0.0019)
4,4'-DDT		NA	NA	NA	NA	NA	NA	ND(0.0037)
Aldrin		NA	NA	NA	NA	NA	NA	ND(0.0019)
Alpha-BHC		NA	NA	NA	NA	NA	NA	ND(0.0019)
Alpha-Chlordane		NA	NA	NA	NA	NA	NA	ND(0.0019)
Beta-BHC		NA	NA	NA	NA	NA	NA	ND(0.0019)
Delta-BHC		NA	NA	NA	NA	NA	NA	ND(0.0019)
Dieldrin		NA	NA	NA	NA	NA	NA	ND(0.0019)
Endosulfan I		NA	NA	NA	NA	NA	NA	ND(0.0019)
Endosulfan II		NA	NA	NA	NA	NA	NA	ND(0.0037)
Endosulfan Sulfate		NA	NA	NA	NA	NA	NA	ND(0.0037)
Endrin		NA	NA	NA	NA	NA	NA	ND(0.0019)
Endrin Aldehyde		NA	NA	NA	NA	NA	NA	ND(0.0037)
Endrin Ketone		NA	NA	NA	NA	NA	NA	NA
Famphur		NA	NA	NA	NA	NA	NA	ND(0.0019)
Gamma-BHC (Lindane)		NA	NA	NA	NA	NA	NA	ND(0.0019)
Gamma-Chlordane		NA	NA	NA	NA	NA	NA	ND(0.0019)
Heptachlor		NA	NA	NA	NA	NA	NA	ND(0.0019)
Heptachlor Epoxide		NA	NA	NA	NA	NA	NA	ND(0.0019)
Kepone		NA	NA	NA	NA	NA	NA	ND(0.0019)
Methoxychlor		NA	NA	NA	NA	NA	NA	ND(0.0074)
Technical Chlordane		NA	NA	NA	NA	NA	NA	NA
Toxaphene		NA	NA	NA	NA	NA	NA	ND(0.037)

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	J9-23-24 / J9-23-24-J-20 / 8-10 / 02/01/01	J9-23-24 / J9-23-24-J-21 / 0-1 / 02/02/01	J9-23-25 / J9-23-25-B-20 / 1-3 / 02/06/01	J9-23-25 / J9-23-25-B-20 / 3-6 / 02/06/01	J9-23-25 / J9-23-25-B-20 / 4-6 / 02/06/01	J9-23-25 / J9-23-25-C-21 / 0-1 / 03/22/01	J9-23-25 / J9-23-25-D-20 / 3-6 / 02/06/01
Herbicides							
2,4,5-T	NA	NA	NA	NA	NA	NA	ND(1.1)
2,4,5-TP	NA	NA	NA	NA	NA	NA	ND(1.1)
2,4-D	NA	NA	NA	NA	NA	NA	ND(1.1)
Dinoseb	NA	NA	NA	NA	NA	NA	ND(0.045)
Furans							
2,3,7,8-TCDF	NA	0.000014	0.00087 J	0.00035 J	NA	0.0000080	NA
TCDFs (total)	NA	0.000094	0.0040	0.0017	NA	0.000036	NA
1,2,3,7,8-PeCDF	NA	0.0000039	0.00017	0.000092	NA	0.0000022 J	NA
2,3,4,7,8-PeCDF	NA	0.0000055	0.00027	0.00012	NA	0.0000022 J	NA
PeCDFs (total)	NA	0.00017	0.0022	0.0010	NA	0.000030	NA
1,2,3,4,7,8-HxCDF	NA	0.0000095	0.0012 J	0.00044	NA	0.0000030	NA
1,2,3,6,7,8-HxCDF	NA	0.0000067	0.00036	0.00018	NA	0.0000019 J	NA
1,2,3,7,8,9-HxCDF	NA	0.0000013	0.000072	0.0000024 J	NA	ND(0.00000018)	NA
2,3,4,6,7,8-HxCDF	NA	0.0000094 J	0.00010	0.000089	NA	ND(0.0000014) JX	NA
HxCDFs (total)	NA	0.00016	0.0024	0.0013	NA	0.000028	NA
1,2,3,4,6,7,8-HpCDF	NA	0.000019	0.0015 J	0.00066 J	NA	0.0000067	NA
1,2,3,4,7,8,9-HpCDF	NA	0.0000026	0.00019	0.00011	NA	0.00000050 J	NA
HpCDFs (total)	NA	0.000045	0.0013	0.00086	NA	0.000013	NA
OCDF	NA	0.000015	0.00074	0.00058	NA	0.0000083	NA
Dioxins							
2,3,7,8-TCDD	NA	ND(0.00000028)	0.0000064	0.0000046	NA	ND(0.00000019)	NA
TCDDs (total)	NA	ND(0.00000028)	0.000085	0.000035	NA	ND(0.00000019)	NA
1,2,3,7,8-PeCDD	NA	0.00000044 J	0.000011	0.0000065	NA	ND(0.00000020)	NA
PeCDDs (total)	NA	0.0000021	0.000072	0.000061	NA	ND(0.00000020)	NA
1,2,3,4,7,8-HxCDD	NA	ND(0.00000019) JX	0.0000055	0.0000031	NA	ND(0.00000016)	NA
1,2,3,6,7,8-HxCDD	NA	0.0000021 J	0.000016	0.0000081	NA	0.00000073 J	NA
1,2,3,7,8,9-HxCDD	NA	0.0000012 J	0.000020	0.000019	NA	0.00000064 J	NA
HxCDDs (total)	NA	0.000014	0.00019	0.00011	NA	0.0000057	NA
1,2,3,4,6,7,8-HpCDD	NA	0.0000080	0.000072	0.000044	NA	0.000016	NA
HpCDDs (total)	NA	0.000016	0.00017	0.00010	NA	0.000031	NA
OCDD	NA	0.000030	0.00016	0.000095	NA	0.00011	NA
Total TEQs (WHO TEFs)	NA	0.0000083	0.00044	0.00019	NA	0.0000033	NA
Inorganics							
Antimony	NA	ND(0.710) J	ND(0.670) J	ND(0.670) J	NA	4.30 B	NA
Arsenic	NA	6.40 J	6.20 J	5.10 J	NA	7.90	NA
Barium	NA	30.0 J	31.4	37.1	NA	21.6 J	NA
Beryllium	NA	ND(0.0400)	ND(0.0400)	ND(0.0400)	NA	ND(0.0200)	NA
Cadmium	NA	0.260 B	0.420 B	0.360 B	NA	0.470 B	NA
Chromium	NA	9.90 J	11.7 *	9.20 *	NA	9.80 J	NA
Cobalt	NA	7.80	10.4	8.50	NA	9.60	NA
Copper	NA	103	64.5 J	78.9 J	NA	37.9	NA
Cyanide	NA	ND(1.23)	ND(1.14)	ND(1.13)	NA	ND(1.20)	NA
Lead	NA	24.4	47.1 *	59.9 *	NA	24.4	NA
Mercury	NA	0.0200 B	0.110	0.110	NA	0.0200 B	NA
Nickel	NA	14.0	20.3	18.1	NA	18.9	NA
Selenium	NA	0.220 J	ND(0.500)	ND(0.500)	NA	ND(0.380)	NA
Silver	NA	ND(0.0900)	ND(0.0900)	ND(0.0900)	NA	ND(0.110)	NA
Sulfide	NA	ND(24.7)	ND(22.8)	ND(22.5)	NA	ND(24.1)	NA
Thallium	NA	ND(0.270)	ND(0.250)	ND(0.250)	NA	ND(0.490)	NA
Tin	NA	15.7 B	11.4 B	11.9 B	NA	10.5 B	NA
Vanadium	NA	11.1	9.10	7.70	NA	9.40	NA
Zinc	NA	59.6 J	100 J	111 J	NA	91.2	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	J9-23-25 / J9-23-25-D-20 / 6-15 / 09/18/02	J9-23-25 / J9-23-25-D-20 / 12-15 / 09/18/02	J9-23-25 / J9-23-25-F-21 / 0-1 / 02/05/01	J9-23-25 / J9-23-25-F-22 / 1-3 / 02/05/01	J9-23-25 / J9-23-25-F-22 / 6-15 / 09/18/02	J9-23-25 / J9-23-25-F-22 / 10-12 / 09/18/02
Volatile Organics						
1,1,1,2-Tetrachloroethane	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
1,1,1-Trichloroethane	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
1,1,2,2-Tetrachloroethane	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	R	NA	ND(0.0056)
1,1,2-Trichloroethane	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
1,1-Dichloroethane	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
1,1-Dichloroethene	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
1,2,3-Trichloropropane	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
1,2-Dibromo-3-chloropropane	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	R	NA	ND(0.0056)
1,2-Dibromoethane	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
1,2-Dichloroethane	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
1,2-Dichloropropane	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
1,4-Dioxane	NA	ND(0.12) J [ND(0.12) J]	ND(1.1) J	ND(1.3) J	NA	ND(0.11) J
2-Butanone	NA	ND(0.012) [ND(0.012)]	ND(0.011)	ND(0.013) J	NA	ND(0.011)
2-Chloro-1,3-butadiene	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
2-Chloroethylvinylether	NA	ND(0.0061) J [ND(0.0059) J]	ND(0.011)	ND(0.013) J	NA	ND(0.0056) J
2-Hexanone	NA	ND(0.012) J [ND(0.012)]	ND(0.011)	ND(0.013) J	NA	ND(0.011) J
3-Chloropropene	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
4-Methyl-2-pentanone	NA	ND(0.012) [ND(0.012)]	ND(0.011)	ND(0.013) J	NA	ND(0.011)
Acetone	NA	ND(0.024) [ND(0.024)]	0.010 J	0.014 J	NA	ND(0.022)
Acetonitrile	NA	ND(0.12) [ND(0.12)]	ND(0.11) J	ND(0.13) J	NA	ND(0.11)
Acrolein	NA	ND(0.12) J [ND(0.12) J]	ND(0.11)	ND(0.13) J	NA	ND(0.11) J
Acrylonitrile	NA	ND(0.0061) [ND(0.0059)]	ND(0.11)	ND(0.13) J	NA	ND(0.0056)
Benzene	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
Bromodichloromethane	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
Bromoform	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
Bromomethane	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
Carbon Disulfide	NA	ND(0.0061) [ND(0.0059)]	ND(0.011)	ND(0.013) J	NA	ND(0.0056)
Carbon Tetrachloride	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
Chlorobenzene	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
Chloroethane	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
Chloroform	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
Chloromethane	NA	ND(0.0061) J [ND(0.0059) J]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056) J
cis-1,3-Dichloropropene	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
Dibromochloromethane	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
Dibromomethane	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
Dichlorodifluoromethane	NA	ND(0.0061) J [ND(0.0059) J]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056) J
Ethyl Methacrylate	NA	ND(0.0061) [ND(0.0059)]	ND(0.011)	ND(0.013) J	NA	ND(0.0056)
Ethylbenzene	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
Iodomethane	NA	ND(0.0061) [ND(0.0059)]	ND(0.011)	ND(0.013) J	NA	ND(0.0056)
Isobutanol	NA	ND(0.12) J [ND(0.12) J]	ND(0.22) J	ND(0.26) J	NA	ND(0.11) J
m&p-Xylene	NA	NA	ND(0.0054)	ND(0.0064) J	NA	NA
Methacrylonitrile	NA	ND(0.0061) [ND(0.0059)]	ND(0.11)	ND(0.13) J	NA	ND(0.0056)
Methyl Methacrylate	NA	ND(0.0061) [ND(0.0059)]	ND(0.011)	ND(0.013) J	NA	ND(0.0056)
Methylene Chloride	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
o-Xylene	NA	NA	ND(0.0054)	ND(0.0064) J	NA	NA
Propionitrile	NA	ND(0.012) [ND(0.012)]	ND(0.11)	ND(0.13) J	NA	ND(0.011)
Styrene	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
Tetrachloroethene	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
Toluene	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
trans-1,2-Dichloroethene	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
trans-1,3-Dichloropropene	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
trans-1,4-Dichloro-2-butene	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	R	NA	ND(0.0056)
Trichloroethene	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
Trichlorofluoromethane	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
Vinyl Acetate	NA	ND(0.0061) [ND(0.0059)]	ND(0.011)	ND(0.013) J	NA	ND(0.0056)
Vinyl Chloride	NA	ND(0.0061) [ND(0.0059)]	ND(0.0054)	ND(0.0064) J	NA	ND(0.0056)
Xylenes (total)	NA	ND(0.0061) [ND(0.0059)]	NA	NA	NA	ND(0.0056)
Semivolatile Organics						
1,2,4,5-Tetrachlorobenzene	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
1,2,4-Trichlorobenzene	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
1,2-Dichlorobenzene	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
1,2-Diphenylhydrazine	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
1,3,5-Trinitrobenzene	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
1,3-Dichlorobenzene	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
1,3-Dinitrobenzene	ND(0.81)	NA	ND(0.36)	ND(0.42)	ND(0.75)	NA
1,4-Dichlorobenzene	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
1,4-Naphthoquinone	ND(0.81)	NA	ND(1.8) J	ND(2.2) J	ND(0.75)	NA
1-Naphthylamine	ND(0.81)	NA	ND(0.36)	ND(0.42)	ND(0.75)	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	J9-23-25 / J9-23-25-D-20 / 6-15 / 09/18/02	J9-23-25 / J9-23-25-D-20 / 12-15 / 09/18/02	J9-23-25 / J9-23-25-F-21 / 0-1 / 02/05/01	J9-23-25 / J9-23-25-F-22 / 1-3 / 02/05/01	J9-23-25 / J9-23-25-F-22 / 6-15 / 09/18/02	J9-23-25 / J9-23-25-F-22 / 10-12 / 09/18/02
Semivolatile Organics (continued)						
2,3,4,6-Tetrachlorophenol	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
2,4,5-Trichlorophenol	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
2,4,6-Trichlorophenol	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
2,4-Dichlorophenol	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
2,4-Dimethylphenol	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
2,4-Dinitrophenol	ND(2.1)	NA	ND(1.8)	ND(2.2)	ND(1.9)	NA
2,4-Dinitrotoluene	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
2,6-Dichlorophenol	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
2,6-Dinitrotoluene	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
2-Acetylaminofluorene	ND(0.81)	NA	ND(0.36)	ND(0.42)	ND(0.75)	NA
2-Chloronaphthalene	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
2-Chlorophenol	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
2-Methylnaphthalene	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
2-Methylphenol	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
2-Naphthylamine	ND(0.81)	NA	ND(0.36)	ND(0.42)	ND(0.75)	NA
2-Nitroaniline	ND(2.1)	NA	ND(1.8)	ND(2.2)	ND(1.9)	NA
2-Nitrophenol	ND(0.81)	NA	ND(0.36)	ND(0.42)	ND(0.75)	NA
2-Picoline	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
3&4-Methylphenol	ND(0.81)	NA	ND(0.36)	ND(0.42)	ND(0.75)	NA
3,3'-Dichlorobenzidine	ND(0.81)	NA	ND(0.36)	ND(0.42)	ND(0.75)	NA
3,3'-Dimethylbenzidine	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
3-Methylcholanthrene	ND(0.81)	NA	ND(0.36)	ND(0.42)	ND(0.75)	NA
3-Nitroaniline	ND(2.1)	NA	ND(1.8)	ND(2.2)	ND(1.9)	NA
4,6-Dinitro-2-methylphenol	ND(0.40)	NA	ND(1.8)	ND(2.2)	ND(0.37)	NA
4-Aminobiphenyl	ND(0.81)	NA	ND(1.8)	ND(2.2)	ND(0.75)	NA
4-Bromophenyl-phenylether	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
4-Chloro-3-Methylphenol	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
4-Chloroaniline	ND(0.40)	NA	ND(0.36) J	ND(2.2) J	ND(0.37)	NA
4-Chlorobenzilate	ND(0.81)	NA	ND(0.36)	ND(0.42)	ND(0.75)	NA
4-Chlorophenyl-phenylether	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
4-Nitroaniline	ND(2.1)	NA	ND(1.8)	ND(2.2)	ND(1.9)	NA
4-Nitrophenol	ND(2.1)	NA	ND(1.8)	ND(2.2)	ND(1.9)	NA
4-Nitroquinoline-1-oxide	ND(0.81)	NA	ND(1.8) J	ND(2.2) J	ND(0.75)	NA
4-Phenylenediamine	ND(0.81) J	NA	ND(1.8) J	ND(4.2) J	ND(0.75) J	NA
5-Nitro-o-toluidine	ND(0.81)	NA	ND(0.36)	ND(0.42)	ND(0.75)	NA
7,12-Dimethylbenz(a)anthracene	ND(0.81)	NA	ND(0.36)	ND(0.42)	ND(0.75)	NA
a,a'-Dimethylphenethylamine	ND(0.81)	NA	ND(1.8)	ND(2.2)	ND(0.75)	NA
Acenaphthene	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
Acenaphthylene	ND(0.40)	NA	ND(0.36)	0.062 J	ND(0.37)	NA
Acetophenone	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
Aniline	ND(0.40)	NA	ND(0.36) J	ND(4.2) J	ND(0.37)	NA
Anthracene	ND(0.40)	NA	ND(0.36)	0.080 J	ND(0.37)	NA
Aramite	ND(0.81)	NA	ND(1.8)	ND(2.2)	ND(0.75)	NA
Benzidine	ND(0.81) J	NA	ND(3.6) J	ND(0.42) J	ND(0.75) J	NA
Benzo(a)anthracene	0.16 J	NA	ND(0.36)	0.30 J	ND(0.37)	NA
Benzo(a)pyrene	0.16 J	NA	ND(0.36)	0.38 J	ND(0.37)	NA
Benzo(b)fluoranthene	0.25 J	NA	ND(0.36)	0.29 J	ND(0.37)	NA
Benzo(g,h,i)perylene	0.12 J	NA	ND(0.36)	0.30 J	ND(0.37)	NA
Benzo(k)fluoranthene	0.12 J	NA	ND(0.36)	0.32 J	ND(0.37)	NA
Benzyl Alcohol	ND(0.81)	NA	ND(1.8)	ND(2.2)	ND(0.75)	NA
bis(2-Chloroethoxy)methane	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
bis(2-Chloroethyl)ether	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
bis(2-Chloroisopropyl)ether	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
bis(2-Ethylhexyl)phthalate	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
Butylbenzylphthalate	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
Chrysene	0.21 J	NA	ND(0.36)	0.37 J	ND(0.37)	NA
Diallate	ND(0.81)	NA	ND(0.36)	ND(0.42)	ND(0.75)	NA
Dibenzo(a,h)anthracene	ND(0.40)	NA	ND(0.36)	0.094 J	ND(0.37)	NA
Dibenzofuran	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
Diethylphthalate	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
Dimethoate	NA	NA	NA	NA	NA	NA
Dimethylphthalate	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
Di-n-Butylphthalate	ND(0.40)	NA	0.096 J	0.11 J	ND(0.37)	NA
Di-n-Octylphthalate	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
Diphenylamine	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
Disulfoton	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:					
	J9-23-25 / J9-23-25-D-20 / 6-15 / 09/18/02	J9-23-25 / J9-23-25-D-20 / 12-15 / 09/18/02	J9-23-25 / J9-23-25-F-21 / 0-1 / 02/05/01	J9-23-25 / J9-23-25-F-22 / 1-3 / 02/05/01	J9-23-25 / J9-23-25-F-22 / 6-15 / 09/18/02	J9-23-25 / J9-23-25-F-22 / 10-12 / 09/18/02
Semivolatile Organics (continued)						
Fluoranthene	0.39 J	NA	ND(0.36)	0.42 J	ND(0.37)	NA
Fluorene	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
Hexachlorobenzene	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
Hexachlorobutadiene	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
Hexachlorocyclopentadiene	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
Hexachloroethane	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
Hexachlorophene	ND(0.81) J	NA	R	R	ND(0.75) J	NA
Hexachloropropene	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
Indeno(1,2,3-cd)pyrene	0.11 J	NA	ND(0.36)	0.24 J	ND(0.37)	NA
Isodrin	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
Isophorone	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
Isosafrole	ND(0.81)	NA	ND(0.36)	ND(0.42)	ND(0.75)	NA
Methapyrilene	ND(0.81)	NA	ND(1.8)	ND(2.2)	ND(0.75)	NA
Methyl Methanesulfonate	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA
Naphthalene	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
Nitrobenzene	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
N-Nitrosodiethylamine	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
N-Nitrosodimethylamine	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
N-Nitroso-di-n-butylamine	ND(0.81)	NA	ND(0.36)	ND(0.42)	ND(0.75)	NA
N-Nitroso-di-n-propylamine	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
N-Nitrosodiphenylamine	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
N-Nitrosomethylethylamine	ND(0.81)	NA	ND(0.36)	ND(0.42)	ND(0.75)	NA
N-Nitrosomorpholine	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
N-Nitrosopiperidine	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
N-Nitrosopyrrolidine	ND(0.81)	NA	ND(0.36)	ND(0.42)	ND(0.75)	NA
o,o,o-Triethylphosphorothioate	ND(0.40)	NA	ND(0.36)	ND(0.42) J	ND(0.37)	NA
o-Toluidine	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
p-Dimethylaminoazobenzene	ND(0.81)	NA	ND(0.36)	ND(0.42)	ND(0.75)	NA
Pentachlorobenzene	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
Pentachloroethane	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
Pentachloronitrobenzene	ND(0.81)	NA	ND(0.36)	ND(0.42)	ND(0.75)	NA
Pentachlorophenol	ND(2.1)	NA	ND(1.8)	ND(2.2)	ND(1.9)	NA
Phenacetin	ND(0.81)	NA	ND(0.36)	ND(0.42)	ND(0.75)	NA
Phenanthrene	0.21 J	NA	ND(0.36)	0.17 J	ND(0.37)	NA
Phenol	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
Phorate	NA	NA	NA	NA	NA	NA
Pronamide	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
Pyrene	0.41	NA	ND(0.36)	0.35 J	ND(0.37)	NA
Pyridine	ND(0.40)	NA	ND(1.8)	ND(2.2)	ND(0.37)	NA
Safrole	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
Sulfotep	NA	NA	NA	NA	NA	NA
Thionazin	ND(0.40)	NA	ND(0.36)	ND(0.42)	ND(0.37)	NA
Organochlorine Pesticides						
4,4'-DDD	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-25	J9-23-25	J9-23-25	J9-23-25	J9-23-25	J9-23-25
Sample ID:	J9-23-25-D-20	J9-23-25-D-20	J9-23-25-F-21	J9-23-25-F-22	J9-23-25-F-22	J9-23-25-F-22
Sample Depth(Feet):	6-15	12-15	0-1	1-3	8-15	10-12
Parameter Date Collected:	09/18/02	09/18/02	02/05/01	02/05/01	09/18/02	09/18/02
Herbicides						
2,4,5-T	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA
Furans						
2,3,7,8-TCDF	0.0000048 Y	NA	0.0000074	0.000080	ND(0.00000016)	NA
TCDFs (total)	0.000032	NA	0.000046	0.00044	ND(0.00000016)	NA
1,2,3,7,8-PeCDF	0.0000015 J	NA	0.0000016 J	0.000014	0.00000013 J	NA
2,3,4,7,8-PeCDF	0.0000015 J	NA	0.0000018 J	0.000016	0.00000014 J	NA
PeCDFs (total)	0.000011	NA	0.000027	0.00015	0.00000046	NA
1,2,3,4,7,8-HxCDF	0.0000019 J	NA	0.0000046	0.000028	ND(0.00000028)	NA
1,2,3,6,7,8-HxCDF	0.0000011 J	NA	0.0000017 J	0.000012	ND(0.00000028)	NA
1,2,3,7,8,9-HxCDF	ND(0.00000065)	NA	0.00000034 J	0.00000036 J	ND(0.00000030)	NA
2,3,4,6,7,8-HxCDF	ND(0.00000070) X	NA	0.0000016 J	0.0000077	ND(0.00000028)	NA
HxCDFs (total)	0.0000062	NA	0.000029	0.00011	ND(0.00000028)	NA
1,2,3,4,6,7,8-HpCDF	0.0000025 J	NA	0.000012	0.000035	0.00000034 J	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000064)	NA	0.0000041	0.000012	ND(0.00000028)	NA
HpCDFs (total)	0.0000029	NA	0.000028	0.000080	0.00000034	NA
OCDF	0.0000024 J	NA	0.000043	0.000091	0.00000037 J	NA
Dioxins						
2,3,7,8-TCDD	ND(0.00000045)	NA	ND(0.00000018)	ND(0.00000019)	ND(0.00000021)	NA
TCDDs (total)	0.0000032	NA	ND(0.00000018)	0.0000051	ND(0.00000021)	NA
1,2,3,7,8-PeCDD	ND(0.00000025) X	NA	ND(0.00000019)	0.00000055 J	ND(0.00000028)	NA
PeCDDs (total)	0.0000020	NA	ND(0.00000019)	0.0000031	ND(0.00000046)	NA
1,2,3,4,7,8-HxCDD	ND(0.00000096)	NA	ND(0.00000029)	0.00000041 J	ND(0.00000058)	NA
1,2,3,6,7,8-HxCDD	ND(0.00000085)	NA	ND(0.00000034)	0.0000015 J	ND(0.00000052)	NA
1,2,3,7,8,9-HxCDD	ND(0.00000087)	NA	ND(0.00000031)	0.0000012 J	ND(0.00000053)	NA
HxCDDs (total)	0.0000014	NA	0.0000061	0.000012	ND(0.00000054)	NA
1,2,3,4,6,7,8-HpCDD	0.0000010 J	NA	0.0000093	0.000018	0.00000030 J	NA
HpCDDs (total)	0.0000021	NA	0.000024	0.000036	0.00000030	NA
OCDD	0.0000039 J	NA	0.000060	0.00024	0.0000011 J	NA
Total TEQs (WHO TEFs)	0.0000022	NA	0.0000030	0.000023	0.00000048	NA
Inorganics						
Antimony	ND(6.00)	NA	ND(0.630) J	ND(0.740) J	ND(6.00)	NA
Arsenic	6.50	NA	12.1 J	7.20 J	1.60	NA
Barium	33.0	NA	27.2	571	ND(20.0)	NA
Beryllium	ND(0.500)	NA	ND(0.0300)	ND(0.0400)	0.120 B	NA
Cadmium	ND(0.500)	NA	0.410 B	0.210 B	0.130 B	NA
Chromium	8.60	NA	12.6 *	6.00 *	4.20	NA
Cobalt	11.0	NA	14.7	4.80 B	ND(5.00)	NA
Copper	26.0	NA	44.0 J	276 J	12.0	NA
Cyanide	0.0940 B	NA	ND(1.08)	ND(1.28)	ND(0.110)	NA
Lead	14.0	NA	16.9 *	46.2 *	3.80	NA
Mercury	0.0190 B	NA	0.0300 B	0.620	0.0110 B	NA
Nickel	21.0	NA	25.0	9.60	9.00	NA
Selenium	ND(1.00) J	NA	ND(0.480)	ND(0.560)	ND(1.00) J	NA
Silver	ND(1.00)	NA	ND(0.0800)	ND(0.100)	ND(1.00)	NA
Sulfide	64.0	NA	ND(21.6)	ND(25.5)	7.10	NA
Thallium	ND(1.80)	NA	ND(0.230)	ND(0.270)	ND(1.70)	NA
Tin	ND(10)	NA	7.50 B	8.40 B	ND(10.0)	NA
Vanadium	8.20	NA	12.5	9.30	ND(5.00)	NA
Zinc	64.0	NA	70.9 J	107 J	29.0	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:						
	J9-23-25 / J9-23-25-G-23 / 0-1 / 02/06/01	J9-23-25 / J9-23-25-H-22 / 3-6 / 02/05/01	J9-23-25 / J9-23-25-I-23 / 0-1 / 02/05/01	J9-23-26 / J9-23-26-A-24 / 0-1 / 02/09/01	J9-23-26 / J9-23-26-B-22 / 6-15 / 02/08/01	J9-23-26 / J9-23-26-B-22 / 12-14 / 02/08/01	J9-23-26 / J9-23-26-B-24 / 0-1 / 05/07/01
Volatile Organics							
1,1,1,2-Tetrachloroethane	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
1,1,1-Trichloroethane	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
1,1,2,2-Tetrachloroethane	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
1,1,2-Trichloroethane	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
1,1-Dichloroethane	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
1,1-Dichloroethene	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
1,2,3-Trichloropropane	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
1,2-Dibromo-3-chloropropane	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
1,2-Dibromoethane	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
1,2-Dichloroethane	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
1,2-Dichloropropane	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
1,4-Dioxane	ND(1.3) J	ND(1.2) J	ND(1.1) J	ND(1.3) J	NA	ND(1.2) J	NA
2-Butanone	ND(0.013)	ND(0.012)	ND(0.011)	0.0030 J	NA	ND(0.012)	NA
2-Chloro-1,3-butadiene	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
2-Chloroethylvinylether	ND(0.013)	ND(0.012)	ND(0.011)	ND(0.013) J	NA	ND(0.012)	NA
2-Hexanone	ND(0.013)	ND(0.012)	ND(0.011)	ND(0.013)	NA	ND(0.012)	NA
3-Chloropropene	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
4-Methyl-2-pentanone	ND(0.013)	ND(0.012)	ND(0.011)	ND(0.013)	NA	ND(0.012)	NA
Acetone	0.013 J	0.010 J	0.017 J	0.020 J	NA	0.037	NA
Acetonitrile	ND(0.13) J	ND(0.12) J	ND(0.11) J	ND(0.13) J	NA	ND(0.12) J	NA
Acrolein	ND(0.13) J	ND(0.12)	ND(0.11)	ND(0.13) J	NA	ND(0.12) J	NA
Acrylonitrile	ND(0.13)	ND(0.12)	ND(0.11)	ND(0.13) J	NA	ND(0.12)	NA
Benzene	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
Bromodichloromethane	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
Bromoform	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
Bromomethane	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
Carbon Disulfide	ND(0.013)	ND(0.012)	ND(0.011)	ND(0.013)	NA	ND(0.012)	NA
Carbon Tetrachloride	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
Chlorobenzene	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
Chloroethane	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
Chloroform	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
Chloromethane	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
cis-1,3-Dichloropropene	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
Dibromochloromethane	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
Dibromomethane	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
Dichlorodifluoromethane	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
Ethyl Methacrylate	ND(0.013)	ND(0.012)	ND(0.011)	ND(0.013)	NA	ND(0.012)	NA
Ethylbenzene	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
Iodomethane	ND(0.013)	ND(0.012)	ND(0.011)	ND(0.013)	NA	ND(0.012)	NA
Isobutanol	ND(0.27) J	ND(0.24) J	ND(0.23) J	ND(0.25) J	NA	ND(0.25) J	NA
m&p-Xylene	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
Methacrylonitrile	ND(0.13)	ND(0.12)	ND(0.11)	ND(0.13)	NA	ND(0.12)	NA
Methyl Methacrylate	ND(0.013)	ND(0.012)	ND(0.011)	ND(0.013)	NA	ND(0.012)	NA
Methylene Chloride	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
o-Xylene	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
Propionitrile	ND(0.13)	ND(0.12)	ND(0.11)	ND(0.13) J	NA	ND(0.12)	NA
Styrene	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
Tetrachloroethene	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
Toluene	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
trans-1,2-Dichloroethene	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
trans-1,3-Dichloropropene	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
trans-1,4-Dichloro-2-butene	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
Trichloroethene	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
Trichlorofluoromethane	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063) J	NA	ND(0.0062)	NA
Vinyl Acetate	ND(0.013) J	ND(0.012)	ND(0.011)	ND(0.013)	NA	ND(0.012)	NA
Vinyl Chloride	ND(0.0066)	ND(0.0059)	ND(0.0057)	ND(0.0063)	NA	ND(0.0062)	NA
Xylenes (total)	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
1,2,4-Trichlorobenzene	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
1,2-Dichlorobenzene	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
1,2-Diphenylhydrazine	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
1,3,5-Trinitrobenzene	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
1,3-Dichlorobenzene	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
1,3-Dinitrobenzene	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
1,4-Dichlorobenzene	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
1,4-Naphthoquinone	ND(2.3) J	ND(2.0) J	ND(1.9) J	ND(2.2) J	ND(2.0) J	NA	NA
1-Naphthylamine	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-25	J9-23-25	J9-23-25	J9-23-26	J9-23-26	J9-23-26	J9-23-26
Sample ID:	J9-23-25-G-23	J9-23-25-H-22	J9-23-25-I-23	J9-23-26-A-24	J9-23-26-B-22	J9-23-26-B-22	J9-23-26-B-24
Sample Depth(Feet):	0-1	3-6	0-1	0-1	6-15	12-14	0-1
Parameter Date Collected:	02/06/01	02/05/01	02/05/01	02/09/01	02/08/01	02/08/01	05/07/01
Semivolatile Organics (continued)							
2,3,4,6-Tetrachlorophenol	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
2,4,5-Trichlorophenol	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
2,4,6-Trichlorophenol	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
2,4-Dichlorophenol	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
2,4-Dimethylphenol	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
2,4-Dinitrophenol	ND(2.3)	ND(2.0)	ND(1.9)	ND(2.2)	ND(2.0)	NA	NA
2,4-Dinitrotoluene	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
2,6-Dichlorophenol	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
2,6-Dinitrotoluene	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
2-Acetylaminofluorene	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
2-Chloronaphthalene	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
2-Chlorophenol	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
2-Methylnaphthalene	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
2-Methylphenol	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
2-Naphthylamine	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
2-Nitroaniline	ND(2.3)	ND(2.0)	ND(1.9)	ND(2.2)	ND(2.0)	NA	NA
2-Nitrophenol	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
2-Picoline	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
3&4-Methylphenol	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
3,3'-Dichlorobenzidine	ND(0.44)	ND(0.39)	ND(0.37)	R	R	NA	NA
3,3'-Dimethylbenzidine	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
3-Methylcholanthrene	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
3-Nitroaniline	ND(2.3)	ND(2.0)	ND(1.9)	ND(2.2)	ND(2.0)	NA	NA
4,6-Dinitro-2-methylphenol	ND(2.3)	ND(2.0)	ND(1.9)	ND(2.2)	ND(2.0)	NA	NA
4-Aminobiphenyl	ND(2.3)	ND(2.0)	ND(1.9)	ND(2.2)	ND(2.0)	NA	NA
4-Bromophenyl-phenylether	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
4-Chloro-3-Methylphenol	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
4-Chloroaniline	ND(0.44)	ND(0.39) J	ND(0.37) J	R	R	NA	NA
4-Chlorobenzilate	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
4-Chlorophenyl-phenylether	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
4-Nitroaniline	ND(2.3)	ND(2.0)	ND(1.9)	ND(2.2)	ND(2.0)	NA	NA
4-Nitrophenol	ND(2.3)	ND(2.0)	ND(1.9)	ND(2.2)	ND(2.0)	NA	NA
4-Nitroquinoline-1-oxide	ND(2.3) J	ND(2.0) J	ND(1.9) J	ND(2.2) J	ND(2.0) J	NA	NA
4-Phenylenediamine	ND(2.3) J	ND(2.0) J	ND(1.9) J	ND(2.2) J	ND(2.0) J	NA	NA
5-Nitro-o-toluidine	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
7,12-Dimethylbenz(a)anthracene	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
a,a'-Dimethylphenethylamine	ND(2.3)	ND(2.0)	ND(1.9)	ND(2.2)	ND(2.0)	NA	NA
Acenaphthene	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Acenaphthylene	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Acetophenone	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Aniline	R	ND(0.39) J	ND(0.37) J	ND(0.42) J	ND(0.39) J	NA	NA
Anthracene	ND(0.44)	ND(0.39)	0.039 J	ND(0.42)	ND(0.39)	NA	NA
Aramite	ND(2.3)	ND(2.0)	ND(1.9)	ND(2.2)	ND(2.0)	NA	NA
Benzidine	ND(4.4) J	ND(3.9) J	ND(3.7) J	ND(4.2) J	ND(3.9) J	NA	NA
Benzo(a)anthracene	0.049 J	ND(0.39)	0.085 J	0.050 J	ND(0.39)	NA	NA
Benzo(a)pyrene	ND(0.44)	ND(0.39)	0.092 J	0.074 J	ND(0.39)	NA	NA
Benzo(b)fluoranthene	ND(0.44)	ND(0.39)	ND(0.37)	0.062 J	ND(0.39)	NA	NA
Benzo(g,h,i)perylene	ND(0.44)	ND(0.39)	ND(0.37)	0.11 J	ND(0.39)	NA	NA
Benzo(k)fluoranthene	ND(0.44)	ND(0.39)	ND(0.37)	0.056 J	ND(0.39)	NA	NA
Benzyl Alcohol	ND(2.3)	ND(2.0)	ND(1.9)	ND(2.2)	ND(2.0)	NA	NA
bis(2-Chloroethoxy)methane	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
bis(2-Chloroethyl)ether	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
bis(2-Chloroisopropyl)ether	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
bis(2-Ethylhexyl)phthalate	0.063 J	ND(0.39)	0.040 J	ND(0.42)	ND(0.39)	NA	NA
Butylbenzylphthalate	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Chrysene	0.054 J	ND(0.39)	0.14 J	0.066 J	ND(0.39)	NA	NA
Diallate	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Dibenzo(a,h)anthracene	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Dibenzofuran	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Diethylphthalate	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Dimethoate	NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Di-n-Butylphthalate	ND(0.44)	0.10 J	0.12 J	0.051 J	ND(0.39)	NA	NA
Di-n-Octylphthalate	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Diphenylamine	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42) J	ND(0.39) J	NA	NA
Disulfoton	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-25	J9-23-25	J9-23-25	J9-23-26	J9-23-26	J9-23-26	J9-23-26
Sample ID:	J9-23-25-G-23	J9-23-25-H-22	J9-23-25-I-23	J9-23-26-A-24	J9-23-26-B-22	J9-23-26-B-22	J9-23-26-B-24
Sample Depth(Feet):	0-1	3-6	0-1	0-1	6-15	12-14	0-1
Parameter Date Collected:	02/06/01	02/05/01	02/05/01	02/09/01	02/08/01	02/08/01	05/07/01
Semivolatile Organics (continued)							
Fluoranthene	0.082 J	ND(0.39)	0.15 J	0.096 J	ND(0.39)	NA	NA
Fluorene	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Hexachlorobenzene	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Hexachlorobutadiene	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Hexachlorocyclopentadiene	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Hexachloroethane	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Hexachlorophene	R	R	R	R	R	NA	NA
Hexachloropropene	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Indeno(1,2,3-cd)pyrene	ND(0.44)	ND(0.39)	ND(0.37)	0.075 J	ND(0.39)	NA	NA
Isodrin	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Isophorone	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Isosafrole	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Methapyrilene	ND(2.3)	ND(2.0)	ND(1.9)	ND(2.2)	ND(2.0)	NA	NA
Methyl Methanesulfonate	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Nitrobenzene	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
N-Nitrosodiethylamine	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
N-Nitrosodimethylamine	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
N-Nitroso-di-n-butylamine	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
N-Nitroso-di-n-propylamine	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
N-Nitrosodiphenylamine	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
N-Nitrosomethylethylamine	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
N-Nitrosomorpholine	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
N-Nitrosopiperidine	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
N-Nitrosopyrrolidine	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
o,o,o-Triethylphosphorothioate	ND(0.44) J	ND(0.39) J	ND(0.37) J	ND(0.42)	ND(0.39)	NA	NA
o-Toluidine	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
p-Dimethylaminoazobenzene	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Pentachlorobenzene	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Pentachloroethane	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Pentachloronitrobenzene	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Pentachlorophenol	ND(2.3)	ND(2.0)	ND(1.9)	ND(2.2)	ND(2.0)	NA	NA
Phenacetin	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Phenanthrene	ND(0.44)	ND(0.39)	0.086 J	ND(0.42)	ND(0.39)	NA	NA
Phenol	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Phorate	NA	NA	NA	NA	NA	NA	NA
Pronamide	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Pyrene	0.074 J	ND(0.39)	0.14 J	0.086 J	ND(0.39)	NA	NA
Pyridine	ND(2.3)	ND(2.0)	ND(1.9)	ND(2.2)	ND(2.0)	NA	NA
Safrole	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA	NA
Thionazin	ND(0.44)	ND(0.39)	ND(0.37)	ND(0.42)	ND(0.39)	NA	NA
Organochlorine Pesticides							
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	J9-23-25 / J9-23-25-G-23 / 0-1 / 02/06/01	J9-23-25 / J9-23-25-H-22 / 3-6 / 02/05/01	J9-23-25 / J9-23-25-I-23 / 0-1 / 02/05/01	J9-23-26 / J9-23-26-A-24 / 0-1 / 02/09/01	J9-23-26 / J9-23-26-B-22 / 6-15 / 02/08/01	J9-23-26 / J9-23-26-B-22 / 12-14 / 02/08/01	J9-23-26 / J9-23-26-B-24 / 0-1 / 05/07/01
Herbicides							
2,4,5-T	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	0.0000042	ND(0.00000056)	0.000021	0.000032	0.0000022	NA	NA
TCDFs (total)	0.000020	ND(0.00000056)	0.00014	0.00012	0.0000062	NA	NA
1,2,3,7,8-PeCDF	0.00000077 J	ND(0.00000032)	0.0000045	0.000015	0.00000035 J	NA	NA
2,3,4,7,8-PeCDF	0.00000098 J	ND(0.00000032)	0.0000045	0.000015	0.00000051 J	NA	NA
PeCDFs (total)	0.000012	ND(0.00000032)	0.000099	0.00014	0.0000065	NA	NA
1,2,3,4,7,8-HxCDF	0.0000017 J	ND(0.00000029)	0.000010	0.000017	0.00000077 J	NA	NA
1,2,3,6,7,8-HxCDF	0.00000092 J	ND(0.00000034)	0.0000052	0.0000086	0.00000031 J	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.00000025)	ND(0.00000039)	0.00000076 J	0.00000055 J	ND(0.00000053)	NA	NA
2,3,4,6,7,8-HxCDF	ND(0.00000023)	ND(0.00000035)	ND(0.0000026) X	0.0000099	ND(0.00000045)	NA	NA
HxCDFs (total)	0.000014	ND(0.00000034)	0.000086	0.00012	0.0000069	NA	NA
1,2,3,4,6,7,8-HpCDF	0.0000065	ND(0.00000035)	0.000016	0.000016	0.0000019 J	NA	NA
1,2,3,4,7,8,9-HpCDF	0.00000084 J	ND(0.00000044)	0.0000023	0.0000022 J	ND(0.00000027)	NA	NA
HpCDFs (total)	0.000014	ND(0.00000035)	0.000033	0.000033	0.0000019	NA	NA
OCDF	0.0000099	ND(0.0000011)	0.000020	0.0000090	0.0000014 J	NA	NA
Dioxins							
2,3,7,8-TCDD	ND(0.00000034)	ND(0.00000054)	ND(0.00000020)	ND(0.00000017)	ND(0.00000031)	NA	NA
TCDDs (total)	ND(0.00000034)	ND(0.00000054)	0.00000098	ND(0.00000017)	ND(0.00000031)	NA	NA
1,2,3,7,8-PeCDD	ND(0.00000033)	ND(0.00000039)	ND(0.00000022)	ND(0.00000016)	ND(0.00000024)	NA	NA
PeCDDs (total)	ND(0.00000033)	ND(0.00000039)	ND(0.00000022)	0.00000024	ND(0.00000024)	NA	NA
1,2,3,4,7,8-HxCDD	ND(0.00000028)	ND(0.00000035)	ND(0.00000037)	0.00000032 J	ND(0.00000027)	NA	NA
1,2,3,6,7,8-HxCDD	0.00000094 J	ND(0.00000039)	ND(0.00000043)	0.0000012 J	ND(0.00000024)	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.00000029)	ND(0.00000036)	ND(0.00000039)	0.00000073 J	ND(0.00000024)	NA	NA
HxCDDs (total)	0.0000047	ND(0.00000039)	0.0000038	0.0000086	0.0000024	NA	NA
1,2,3,4,6,7,8-HpCDD	0.0000099	ND(0.00000067) JX	0.0000091	0.0000077	0.0000016 J	NA	NA
HpCDDs (total)	0.000018	ND(0.00000063)	0.000019	0.000016	0.0000028	NA	NA
OCDD	0.000056	0.0000040 J	0.000065	0.000039	0.0000045 J	NA	NA
Total TEQs (WHO TEFs)	0.0000019	0.00000072	0.0000070	0.000016	0.0000010	NA	NA
Inorganics							
Antimony	ND(0.790) J	ND(0.690) J	ND(0.670) J	ND(0.740)	ND(0.690)	NA	NA
Arsenic	7.60 J	6.30 J	3.80 J	6.30	7.80	NA	13.5 J
Barium	41.9	35.1	39.6	28.7	27.8	NA	NA
Beryllium	ND(0.0400)	ND(0.0400)	ND(0.0400)	ND(0.0400)	ND(0.0400)	NA	NA
Cadmium	0.480 B	0.240 B	0.340 B	0.350 B	0.330 B	NA	NA
Chromium	8.70 *	8.50 *	5.30 *	8.70	9.00	NA	NA
Cobalt	9.00	10.2	10.1	8.70	10.6	NA	NA
Copper	27.9 J	19.5 J	18.7 J	33.4 J	31.7 J	NA	NA
Cyanide	ND(1.33)	ND(1.18)	ND(1.13)	ND(1.27)	ND(1.19)	NA	NA
Lead	27.2 *	21.2 *	39.3 *	21.1	13.7	NA	NA
Mercury	0.0700	0.120	0.0300 B	0.0600	0.0300 B	NA	NA
Nickel	14.1	14.3	11.4	17.5	19.4	NA	NA
Selenium	ND(0.600)	ND(0.520)	0.830	0.670	0.510 B	NA	NA
Silver	ND(0.110)	ND(0.0900)	ND(0.0900)	ND(0.100)	ND(0.0900)	NA	NA
Sulfide	ND(26.5)	ND(23.7)	ND(22.6)	ND(25.3)	ND(23.9)	NA	NA
Thallium	ND(0.280)	ND(0.250)	ND(0.250)	ND(0.270)	ND(0.260)	NA	NA
Tin	8.70 B	7.60 B	9.30 B	4.10 B	6.70 B	NA	NA
Vanadium	11.3	8.90	8.30	14.9	9.20	NA	NA
Zinc	77.6 J	64.2 J	46.8 J	86.1	57.1	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26
Sample ID:	J9-23-26-B-24	J9-23-26-B-24	J9-23-26-B-24	J9-23-26-B-25	J9-23-26-C-24	J9-23-26-C-24	J9-23-26-C-25
Sample Depth(Feet):	1-3	3-6	4-6	0-1	0-1	1-3	0-1
Parameter Date Collected:	02/08/01	02/08/01	02/08/01	05/07/01	02/08/01	05/07/01	05/07/01
Volatile Organics							
1,1,1,2-Tetrachloroethane	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
1,1,1-Trichloroethane	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
1,1,2,2-Tetrachloroethane	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
1,1,2-Trichloroethane	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
1,1-Dichloroethane	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
1,1-Dichloroethene	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
1,2,3-Trichloropropane	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
1,2-Dibromo-3-chloropropane	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
1,2-Dibromoethane	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
1,2-Dichloroethane	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
1,2-Dichloropropane	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
1,4-Dioxane	ND(1.1) J	NA	ND(1.1) J	NA	ND(1.1) J	NA	NA
2-Butanone	ND(0.011)	NA	ND(0.011)	NA	ND(0.011)	NA	NA
2-Chloro-1,3-butadiene	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
2-Chloroethylvinylether	ND(0.011)	NA	ND(0.011)	NA	ND(0.011) J	NA	NA
2-Hexanone	ND(0.011)	NA	ND(0.011)	NA	ND(0.011)	NA	NA
3-Chloropropene	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
4-Methyl-2-pentanone	ND(0.011)	NA	ND(0.011)	NA	ND(0.011)	NA	NA
Acetone	0.012 J	NA	0.011 J	NA	ND(0.023)	NA	NA
Acetonitrile	ND(0.11) J	NA	ND(0.11) J	NA	ND(0.11) J	NA	NA
Acrolein	ND(0.11) J	NA	ND(0.11) J	NA	ND(0.11) J	NA	NA
Acrylonitrile	ND(0.11)	NA	ND(0.11)	NA	ND(0.11) J	NA	NA
Benzene	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
Bromodichloromethane	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
Bromoform	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
Bromomethane	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
Carbon Disulfide	ND(0.011)	NA	ND(0.011)	NA	ND(0.011)	NA	NA
Carbon Tetrachloride	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
Chlorobenzene	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
Chloroethane	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
Chloroform	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
Chloromethane	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
cis-1,3-Dichloropropene	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
Dibromochloromethane	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
Dibromomethane	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
Dichlorodifluoromethane	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
Ethyl Methacrylate	ND(0.011)	NA	ND(0.011)	NA	ND(0.011)	NA	NA
Ethylbenzene	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
Iodomethane	ND(0.011)	NA	ND(0.011)	NA	ND(0.011)	NA	NA
Isobutanol	ND(0.21) J	NA	ND(0.21) J	NA	ND(0.23) J	NA	NA
m&p-Xylene	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
Methacrylonitrile	ND(0.11)	NA	ND(0.11)	NA	ND(0.11)	NA	NA
Methyl Methacrylate	ND(0.011)	NA	ND(0.011)	NA	ND(0.011)	NA	NA
Methylene Chloride	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
o-Xylene	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
Propionitrile	ND(0.11)	NA	ND(0.11)	NA	ND(0.11) J	NA	NA
Styrene	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
Tetrachloroethene	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
Toluene	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
trans-1,2-Dichloroethene	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
trans-1,3-Dichloropropene	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
trans-1,4-Dichloro-2-butene	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
Trichloroethene	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
Trichlorofluoromethane	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057) J	NA	NA
Vinyl Acetate	ND(0.011)	NA	ND(0.011)	NA	ND(0.011)	NA	NA
Vinyl Chloride	ND(0.0053)	NA	ND(0.0053)	NA	ND(0.0057)	NA	NA
Xylenes (total)	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organics							
1,2,4,5-Tetrachlorobenzene	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
1,2,4-Trichlorobenzene	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
1,2-Dichlorobenzene	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
1,2-Diphenylhydrazine	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
1,3,5-Trinitrobenzene	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
1,3-Dichlorobenzene	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
1,3-Dinitrobenzene	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
1,4-Dichlorobenzene	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
1,4-Naphthoquinone	ND(1.8) J	ND(1.8) J	NA	NA	ND(1.9) J	NA	NA
1-Naphthylamine	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26
Sample ID:	J9-23-26-B-24	J9-23-26-B-24	J9-23-26-B-24	J9-23-26-B-25	J9-23-26-C-24	J9-23-26-C-24	J9-23-26-C-25
Sample Depth(Feet):	1-3	3-6	4-6	0-1	0-1	1-3	0-1
Parameter Date Collected:	02/08/01	02/08/01	02/08/01	05/07/01	02/08/01	05/07/01	05/07/01
Semivolatile Organics (continued)							
2,3,4,6-Tetrachlorophenol	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
2,4,5-Trichlorophenol	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
2,4,6-Trichlorophenol	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
2,4-Dichlorophenol	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
2,4-Dimethylphenol	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
2,4-Dinitrophenol	ND(1.8)	ND(1.8)	NA	NA	ND(1.9)	NA	NA
2,4-Dinitrotoluene	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
2,6-Dichlorophenol	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
2,6-Dinitrotoluene	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
2-Acetylaminofluorene	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
2-Chloronaphthalene	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
2-Chlorophenol	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
2-Methylnaphthalene	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
2-Methylphenol	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
2-Naphthylamine	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
2-Nitroaniline	ND(1.8)	ND(1.8)	NA	NA	ND(1.9)	NA	NA
2-Nitrophenol	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
2-Picoline	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
3&4-Methylphenol	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
3,3'-Dichlorobenzidine	R	R	NA	NA	R	NA	NA
3,3'-Dimethylbenzidine	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
3-Methylcholanthrene	ND(0.35) J	ND(0.36)	NA	NA	ND(0.38)	NA	NA
3-Nitroaniline	ND(1.8)	ND(1.8)	NA	NA	ND(1.9)	NA	NA
4,6-Dinitro-2-methylphenol	ND(1.8)	ND(1.8)	NA	NA	ND(1.9)	NA	NA
4-Aminobiphenyl	ND(1.8)	ND(1.8)	NA	NA	ND(1.9)	NA	NA
4-Bromophenyl-phenylether	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
4-Chloro-3-Methylphenol	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
4-Chloroaniline	R	R	NA	NA	R	NA	NA
4-Chlorobenzilate	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
4-Chlorophenyl-phenylether	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
4-Nitroaniline	ND(1.8)	ND(1.8)	NA	NA	ND(1.9)	NA	NA
4-Nitrophenol	ND(1.8)	ND(1.8)	NA	NA	ND(1.9)	NA	NA
4-Nitroquinoline-1-oxide	ND(1.8) J	ND(1.8) J	NA	NA	ND(1.9) J	NA	NA
4-Phenylenediamine	ND(1.8) J	ND(1.8) J	NA	NA	ND(1.9) J	NA	NA
5-Nitro-o-toluidine	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
7,12-Dimethylbenz(a)anthracene	ND(0.35) J	ND(0.36)	NA	NA	ND(0.38)	NA	NA
a,a'-Dimethylphenethylamine	ND(1.8)	ND(1.8)	NA	NA	ND(1.9)	NA	NA
Acenaphthene	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Acenaphthylene	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Acetophenone	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Aniline	ND(0.35) J	ND(0.36) J	NA	NA	ND(0.38) J	NA	NA
Anthracene	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Aramite	ND(1.8)	ND(1.8)	NA	NA	ND(1.9)	NA	NA
Benzidine	ND(3.5) J	ND(3.6) J	NA	NA	ND(3.8) J	NA	NA
Benzo(a)anthracene	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Benzo(a)pyrene	ND(0.35) J	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Benzo(b)fluoranthene	ND(0.35) J	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Benzo(g,h,i)perylene	ND(0.35) J	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Benzo(k)fluoranthene	ND(0.35) J	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Benzyl Alcohol	ND(1.8)	ND(1.8)	NA	NA	ND(1.9)	NA	NA
bis(2-Chloroethoxy)methane	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
bis(2-Chloroethyl)ether	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
bis(2-Chloroisopropyl)ether	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
bis(2-Ethylhexyl)phthalate	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Butylbenzylphthalate	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Chrysene	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Diallate	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Dibenzo(a,h)anthracene	ND(0.35) J	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Dibenzofuran	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Diethylphthalate	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Dimethoate	NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Di-n-Butylphthalate	ND(0.35)	ND(0.36)	NA	NA	0.043 J	NA	NA
Di-n-Octylphthalate	ND(0.35) J	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Diphenylamine	ND(0.35) J	ND(0.36) J	NA	NA	ND(0.38) J	NA	NA
Disulfoton	NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Ethyl Parathion	NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	Sample ID:	Sample Depth(Feet):	Date Collected:				
	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26
	J9-23-26-B-24	J9-23-26-B-24	J9-23-26-B-24	J9-23-26-B-25	J9-23-26-C-24	J9-23-26-C-24	J9-23-26-C-25
	1-3	3-6	4-6	0-1	0-1	1-3	0-1
	02/08/01	02/08/01	02/08/01	05/07/01	02/08/01	05/07/01	05/07/01
Semivolatile Organics (continued)							
Fluoranthene	ND(0.35)	ND(0.36)	NA	NA	0.050 J	NA	NA
Fluorene	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Hexachlorobenzene	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Hexachlorobutadiene	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Hexachlorocyclopentadiene	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Hexachloroethane	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Hexachlorophene	R	R	NA	NA	R	NA	NA
Hexachloropropene	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Indeno(1,2,3-cd)pyrene	ND(0.35) J	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Isodrin	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Isophorone	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Isosafrole	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Methapyrilene	ND(1.8)	ND(1.8)	NA	NA	ND(1.9)	NA	NA
Methyl Methanesulfonate	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Methyl Parathion	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Nitrobenzene	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
N-Nitrosodiethylamine	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
N-Nitrosodimethylamine	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
N-Nitroso-di-n-butylamine	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
N-Nitroso-di-n-propylamine	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
N-Nitrosodiphenylamine	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
N-Nitrosomethylethylamine	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
N-Nitrosomorpholine	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
N-Nitrosopiperidine	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
N-Nitrosopyrrolidine	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
o,o,o-Triethylphosphorothioate	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
o-Toluidine	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
p-Dimethylaminoazobenzene	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Pentachlorobenzene	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Pentachloroethane	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Pentachloronitrobenzene	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Pentachlorophenol	ND(1.8)	ND(1.8)	NA	NA	ND(1.9)	NA	NA
Phenacetin	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Phenanthrene	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Phenol	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Phorate	NA	NA	NA	NA	NA	NA	NA
Pronamide	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Pyrene	ND(0.35)	ND(0.36)	NA	NA	0.044 J	NA	NA
Pyridine	ND(1.8)	ND(1.8)	NA	NA	ND(1.9)	NA	NA
Safrole	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Sulfotep	NA	NA	NA	NA	NA	NA	NA
Thionazin	ND(0.35)	ND(0.36)	NA	NA	ND(0.38)	NA	NA
Organochlorine Pesticides							
4,4'-DDD	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	NA	NA	NA	NA	NA	NA	NA
Aldrin	NA	NA	NA	NA	NA	NA	NA
Alpha-BHC	NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane	NA	NA	NA	NA	NA	NA	NA
Beta-BHC	NA	NA	NA	NA	NA	NA	NA
Delta-BHC	NA	NA	NA	NA	NA	NA	NA
Dieldrin	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA	NA	NA	NA	NA
Endrin	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	NA	NA	NA	NA	NA	NA	NA
Famphur	NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane	NA	NA	NA	NA	NA	NA	NA
Heptachlor	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA	NA	NA	NA	NA
Kepone	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	NA	NA	NA	NA	NA	NA	NA
Technical Chlordane	NA	NA	NA	NA	NA	NA	NA
Toxaphene	NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26
Sample ID:	J9-23-26-B-24	J9-23-26-B-24	J9-23-26-B-24	J9-23-26-B-25	J9-23-26-C-24	J9-23-26-C-24	J9-23-26-C-25
Sample Depth(Feet):	1-3	3-6	4-6	0-1	0-1	1-3	0-1
Parameter Date Collected:	02/08/01	02/08/01	02/08/01	05/07/01	02/08/01	05/07/01	05/07/01
Herbicides							
2,4,5-T	NA	NA	NA	NA	NA	NA	NA
2,4,5-TP	NA	NA	NA	NA	NA	NA	NA
2,4-D	NA	NA	NA	NA	NA	NA	NA
Dinoseb	NA	NA	NA	NA	NA	NA	NA
Furans							
2,3,7,8-TCDF	0.00000052 J	0.00000041 J	NA	NA	0.000077	NA	NA
TCDFs (total)	0.00000074	0.00000041	NA	NA	0.00042	NA	NA
1,2,3,7,8-PeCDF	ND(0.00000018)	ND(0.00000013)	NA	NA	0.000019	NA	NA
2,3,4,7,8-PeCDF	ND(0.00000017)	ND(0.00000012)	NA	NA	0.000015	NA	NA
PeCDFs (total)	0.0000011	0.00000065	NA	NA	0.00021	NA	NA
1,2,3,4,7,8-HxCDF	ND(0.00000017)	ND(0.00000019) JX	NA	NA	0.000029	NA	NA
1,2,3,6,7,8-HxCDF	ND(0.00000016)	ND(0.00000011)	NA	NA	0.000013	NA	NA
1,2,3,7,8,9-HxCDF	ND(0.00000021)	ND(0.00000015)	NA	NA	0.00000056 J	NA	NA
2,3,4,6,7,8-HxCDF	ND(0.00000018)	ND(0.00000012)	NA	NA	0.000012	NA	NA
HxCDFs (total)	0.00000060	0.00000048	NA	NA	0.00017	NA	NA
1,2,3,4,6,7,8-HpCDF	0.00000033 J	0.00000058 J	NA	NA	0.000032	NA	NA
1,2,3,4,7,8,9-HpCDF	ND(0.00000022)	ND(0.00000020)	NA	NA	0.0000043	NA	NA
HpCDFs (total)	0.00000033	0.00000058	NA	NA	0.000057	NA	NA
OCDF	ND(0.00000039)	ND(0.00000058) JX	NA	NA	0.000019	NA	NA
Dioxins							
2,3,7,8-TCDD	ND(0.00000023)	ND(0.00000018)	NA	NA	0.0000044	NA	NA
TCDDs (total)	ND(0.00000023)	ND(0.00000018)	NA	NA	0.0000078	NA	NA
1,2,3,7,8-PeCDD	ND(0.00000026)	ND(0.00000019)	NA	NA	0.00000060 J	NA	NA
PeCDDs (total)	ND(0.00000026)	ND(0.00000019)	NA	NA	0.0000022	NA	NA
1,2,3,4,7,8-HxCDD	ND(0.00000023)	ND(0.00000022)	NA	NA	0.00000075 J	NA	NA
1,2,3,6,7,8-HxCDD	ND(0.00000020)	0.00000055 J	NA	NA	0.0000023 J	NA	NA
1,2,3,7,8,9-HxCDD	ND(0.00000021)	ND(0.00000020)	NA	NA	0.0000015 J	NA	NA
HxCDDs (total)	ND(0.00000020)	0.00000055	NA	NA	0.000015	NA	NA
1,2,3,4,6,7,8-HpCDD	0.00000063 J	0.0000014 J	NA	NA	0.0000074	NA	NA
HpCDDs (total)	0.00000063	0.0000021	NA	NA	0.000014	NA	NA
OCDD	0.0000023 J	0.0000040 J	NA	NA	0.000025	NA	NA
Total TEQs (WHO TEFs)	0.00000042	0.00000039	NA	NA	0.000028	NA	NA
Inorganics							
Antimony	ND(0.640)	ND(0.650)	NA	NA	ND(0.680)	NA	NA
Arsenic	10.1	11.0	NA	7.80 J [17.1 J]	41.8	7.40 J	8.00 J
Barium	24.3	16.3 B	NA	NA	22.8	NA	NA
Beryllium	ND(0.0400)	ND(0.0400)	NA	NA	ND(0.0400)	NA	NA
Cadmium	0.230 B	0.310 B	NA	NA	0.270 B	NA	NA
Chromium	10.0	11.7	NA	NA	8.40	NA	NA
Cobalt	12.3	14.2	NA	NA	10.5	NA	NA
Copper	33.7 J	30.8 J	NA	NA	29.4 J	NA	NA
Cyanide	ND(1.06)	ND(1.08)	NA	NA	ND(1.15)	NA	NA
Lead	13.8	14.5	NA	NA	13.0	NA	NA
Mercury	0.0100 B	0.0200 B	NA	NA	0.0200 B	NA	NA
Nickel	21.9	24.2	NA	NA	19.3	NA	NA
Selenium	0.380 B	0.500 B	NA	NA	0.510 B	NA	NA
Silver	ND(0.0900)	ND(0.0900)	NA	NA	ND(0.0900)	NA	NA
Sulfide	ND(21.3)	ND(21.6)	NA	NA	ND(22.9)	NA	NA
Thallium	ND(0.230)	ND(0.230)	NA	NA	ND(0.250)	NA	NA
Tin	5.30 B	6.00 B	NA	NA	6.70 B	NA	NA
Vanadium	8.40	9.90	NA	NA	9.70	NA	NA
Zinc	63.0	76.2	NA	NA	58.3	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	Sample ID:	Sample Depth(Feet):	Date Collected:						
	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26			
	J9-23-26-D-22	J9-23-26-D-22	J9-23-26-D-22	J9-23-26-D-23	J9-23-26-D-23	J9-23-26-D-24	J9-23-26-D-24			
	3-4	3-6	6-15	0-1	0-1	0-1	1-3			
	02/08/01	02/08/01	02/08/01	02/08/01	05/07/01	05/07/01	05/07/01			
Volatile Organics										
1,1,1,2-Tetrachloroethane	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
1,1,1-Trichloroethane	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
1,1,2,2-Tetrachloroethane	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
1,1,2-Trichloroethane	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
1,1-Dichloroethane	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
1,1-Dichloroethene	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
1,2,3-Trichloropropane	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
1,2-Dibromo-3-chloropropane	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
1,2-Dibromoethane	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
1,2-Dichloroethane	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
1,2-Dichloropropane	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
1,4-Dioxane	ND(1.1) J	NA	NA	ND(1.2) J	NA	NA	NA			
2-Butanone	ND(0.011)	NA	NA	ND(0.012)	NA	NA	NA			
2-Chloro-1,3-butadiene	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
2-Chloroethylvinylether	ND(0.011)	NA	NA	ND(0.012)	NA	NA	NA			
2-Hexanone	ND(0.011)	NA	NA	ND(0.012)	NA	NA	NA			
3-Chloropropene	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
4-Methyl-2-pentanone	ND(0.011)	NA	NA	ND(0.012)	NA	NA	NA			
Acetone	0.0097 J	NA	NA	ND(0.024)	NA	NA	NA			
Acetonitrile	ND(0.11) J	NA	NA	ND(0.12) J	NA	NA	NA			
Acrolein	ND(0.11) J	NA	NA	ND(0.12) J	NA	NA	NA			
Acrylonitrile	ND(0.11)	NA	NA	ND(0.12)	NA	NA	NA			
Benzene	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
Bromodichloromethane	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
Bromoform	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
Bromomethane	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
Carbon Disulfide	ND(0.011)	NA	NA	ND(0.012)	NA	NA	NA			
Carbon Tetrachloride	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
Chlorobenzene	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
Chloroethane	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
Chloroform	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
Chloromethane	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
cis-1,3-Dichloropropene	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
Dibromochloromethane	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
Dibromomethane	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
Dichlorodifluoromethane	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
Ethyl Methacrylate	ND(0.011)	NA	NA	ND(0.012)	NA	NA	NA			
Ethylbenzene	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
Iodomethane	ND(0.011)	NA	NA	ND(0.012)	NA	NA	NA			
Isobutanol	ND(0.22) J	NA	NA	ND(0.24) J	NA	NA	NA			
m&p-Xylene	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
Methacrylonitrile	ND(0.11)	NA	NA	ND(0.12)	NA	NA	NA			
Methyl Methacrylate	ND(0.011)	NA	NA	ND(0.012)	NA	NA	NA			
Methylene Chloride	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
o-Xylene	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
Propionitrile	ND(0.11)	NA	NA	ND(0.12)	NA	NA	NA			
Styrene	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
Tetrachloroethene	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
Toluene	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
trans-1,2-Dichloroethene	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
trans-1,3-Dichloropropene	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
trans-1,4-Dichloro-2-butene	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
Trichloroethene	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
Trichlorofluoromethane	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
Vinyl Acetate	ND(0.011)	NA	NA	ND(0.012)	NA	NA	NA			
Vinyl Chloride	ND(0.0055)	NA	NA	ND(0.0059)	NA	NA	NA			
Xylenes (total)	NA	NA	NA	NA	NA	NA	NA			
Semivolatile Organics										
1,2,4,5-Tetrachlorobenzene	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA			
1,2,4-Trichlorobenzene	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA			
1,2-Dichlorobenzene	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA			
1,2-Diphenylhydrazine	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA			
1,3,5-Trinitrobenzene	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA			
1,3-Dichlorobenzene	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA			
1,3-Dinitrobenzene	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA			
1,4-Dichlorobenzene	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA			
1,4-Naphthoquinone	NA	ND(1.8) J	NA	ND(2.0) J	NA	NA	NA			
1-Naphthylamine	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA			

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26
Sample ID:	J9-23-26-D-22	J9-23-26-D-22	J9-23-26-D-22	J9-23-26-D-23	J9-23-26-D-23	J9-23-26-D-24	J9-23-26-D-24
Sample Depth(Feet):	3-4	3-6	6-15	0-1	0-1	0-1	1-3
Parameter Date Collected:	02/08/01	02/08/01	02/08/01	02/08/01	05/07/01	05/07/01	05/07/01
Semivolatile Organics (continued)							
2,3,4,6-Tetrachlorophenol	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
2,4,5-Trichlorophenol	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
2,4,6-Trichlorophenol	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
2,4-Dichlorophenol	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
2,4-Dimethylphenol	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
2,4-Dinitrophenol	NA	ND(1.8)	NA	ND(2.0)	NA	NA	NA
2,4-Dinitrotoluene	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
2,6-Dichlorophenol	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
2,6-Dinitrotoluene	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
2-Acetylaminofluorene	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
2-Chloronaphthalene	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
2-Chlorophenol	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
2-Methylnaphthalene	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
2-Methylphenol	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
2-Naphthylamine	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
2-Nitroaniline	NA	ND(1.8)	NA	ND(2.0)	NA	NA	NA
2-Nitrophenol	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
2-Picoline	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
3&4-Methylphenol	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
3,3'-Dichlorobenzidine	NA	R	NA	R	NA	NA	NA
3,3'-Dimethylbenzidine	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
3-Methylcholanthrene	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
3-Nitroaniline	NA	ND(1.8)	NA	ND(2.0)	NA	NA	NA
4,6-Dinitro-2-methylphenol	NA	ND(1.8)	NA	ND(2.0)	NA	NA	NA
4-Aminobiphenyl	NA	ND(1.8)	NA	ND(2.0)	NA	NA	NA
4-Bromophenyl-phenylether	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
4-Chloro-3-Methylphenol	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
4-Chloroaniline	NA	R	NA	R	NA	NA	NA
4-Chlorobenzilate	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
4-Chlorophenyl-phenylether	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
4-Nitroaniline	NA	ND(1.8)	NA	ND(2.0)	NA	NA	NA
4-Nitrophenol	NA	ND(1.8)	NA	ND(2.0)	NA	NA	NA
4-Nitroquinoline-1-oxide	NA	ND(1.8) J	NA	ND(2.0) J	NA	NA	NA
4-Phenylenediamine	NA	ND(1.8) J	NA	ND(2.0) J	NA	NA	NA
5-Nitro-o-toluidine	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
7,12-Dimethylbenz(a)anthracene	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
a,a'-Dimethylphenethylamine	NA	ND(1.8)	NA	ND(2.0)	NA	NA	NA
Acenaphthene	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Acenaphthylene	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Acetophenone	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Aniline	NA	ND(0.36) J	NA	ND(0.39) J	NA	NA	NA
Anthracene	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Aramite	NA	ND(1.8)	NA	ND(2.0)	NA	NA	NA
Benzidine	NA	ND(3.6) J	NA	ND(3.9) J	NA	NA	NA
Benzo(a)anthracene	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Benzo(a)pyrene	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Benzo(b)fluoranthene	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Benzo(g,h,i)perylene	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Benzo(k)fluoranthene	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Benzyl Alcohol	NA	ND(0.36)	NA	ND(2.0)	NA	NA	NA
bis(2-Chloroethoxy)methane	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
bis(2-Chloroethyl)ether	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
bis(2-Chloroisopropyl)ether	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
bis(2-Ethylhexyl)phthalate	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Butylbenzylphthalate	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Chrysene	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Diallate	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Dibenzo(a,h)anthracene	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Dibenzofuran	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Diethylphthalate	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Dimethoate	NA	ND(1.8)	ND(2.1)	NA	NA	NA	NA
Dimethylphthalate	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Di-n-Butylphthalate	NA	ND(0.36)	NA	0.041 J	NA	NA	NA
Di-n-Octylphthalate	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Diphenylamine	NA	ND(0.36) J	NA	ND(0.39) J	NA	NA	NA
Disulfoton	NA	ND(0.36)	ND(0.40)	NA	NA	NA	NA
Ethyl Methanesulfonate	NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Ethyl Parathion	NA	ND(0.36)	ND(0.40)	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26
	Sample ID:	J9-23-26-D-22	J9-23-26-D-22	J9-23-26-D-22	J9-23-26-D-23	J9-23-26-D-23	J9-23-26-D-24	J9-23-26-D-24
	Sample Depth(Feet):	3-4	3-6	6-15	0-1	0-1	0-1	1-3
	Date Collected:	02/08/01	02/08/01	02/08/01	02/08/01	05/07/01	05/07/01	05/07/01
Semivolatile Organics (continued)								
Fluoranthene		NA	ND(0.36)	NA	0.048 J	NA	NA	NA
Fluorene		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Hexachlorobenzene		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Hexachlorobutadiene		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Hexachlorocyclopentadiene		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Hexachloroethane		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Hexachlorophene		NA	R	NA	R	NA	NA	NA
Hexachloropropene		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Indeno(1,2,3-cd)pyrene		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Isodrin		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Isophorone		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Isosafrole		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Methapyrilene		NA	ND(1.8)	NA	ND(2.0)	NA	NA	NA
Methyl Methanesulfonate		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Methyl Parathion		NA	ND(0.36)	ND(0.40)	NA	NA	NA	NA
Naphthalene		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Nitrobenzene		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
N-Nitrosodiethylamine		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
N-Nitrosodimethylamine		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
N-Nitroso-di-n-butylamine		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
N-Nitroso-di-n-propylamine		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
N-Nitrosodiphenylamine		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
N-Nitrosomethylethylamine		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
N-Nitrosomorpholine		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
N-Nitrosopiperidine		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
N-Nitrosopyrrolidine		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
o,o,o-Triethylphosphorothioate		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
o-Toluidine		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
p-Dimethylaminoazobenzene		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Pentachlorobenzene		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Pentachloroethane		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Pentachloronitrobenzene		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Pentachlorophenol		NA	ND(1.8)	NA	ND(2.0)	NA	NA	NA
Phenacetin		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Phenanthrene		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Phenol		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Phorate		NA	ND(0.36)	ND(0.40)	NA	NA	NA	NA
Pronamide		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Pyrene		NA	ND(0.36)	NA	0.045 J	NA	NA	NA
Pyridine		NA	ND(1.8)	NA	ND(2.0)	NA	NA	NA
Safrole		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Sulfotep		NA	ND(0.36)	ND(0.40)	NA	NA	NA	NA
Thionazin		NA	ND(0.36)	NA	ND(0.39)	NA	NA	NA
Organochlorine Pesticides								
4,4'-DDD		NA	ND(0.0018)	ND(0.0021)	NA	NA	NA	NA
4,4'-DDE		NA	ND(0.0018)	ND(0.0021)	NA	NA	NA	NA
4,4'-DDT		NA	ND(0.0036)	ND(0.0040)	NA	NA	NA	NA
Aldrin		NA	ND(0.0018)	ND(0.0021)	NA	NA	NA	NA
Alpha-BHC		NA	ND(0.0018)	ND(0.0021)	NA	NA	NA	NA
Alpha-Chlordane		NA	ND(0.0018)	ND(0.0021)	NA	NA	NA	NA
Beta-BHC		NA	ND(0.0018)	ND(0.0021)	NA	NA	NA	NA
Delta-BHC		NA	ND(0.0018)	ND(0.0021)	NA	NA	NA	NA
Dieldrin		NA	ND(0.0018)	ND(0.0021)	NA	NA	NA	NA
Endosulfan I		NA	ND(0.0018)	ND(0.0021)	NA	NA	NA	NA
Endosulfan II		NA	ND(0.0036)	ND(0.0040)	NA	NA	NA	NA
Endosulfan Sulfate		NA	ND(0.0036)	ND(0.0040)	NA	NA	NA	NA
Endrin		NA	ND(0.0018)	ND(0.0021)	NA	NA	NA	NA
Endrin Aldehyde		NA	ND(0.0036)	ND(0.0040)	NA	NA	NA	NA
Endrin Ketone		NA	NA	NA	NA	NA	NA	NA
Famphur		NA	ND(0.0018)	ND(0.0021)	NA	NA	NA	NA
Gamma-BHC (Lindane)		NA	ND(0.0018)	ND(0.0021)	NA	NA	NA	NA
Gamma-Chlordane		NA	ND(0.0018)	ND(0.0021)	NA	NA	NA	NA
Heptachlor		NA	ND(0.0018)	ND(0.0021)	NA	NA	NA	NA
Heptachlor Epoxide		NA	ND(0.0018)	ND(0.0021)	NA	NA	NA	NA
Kepone		NA	ND(0.0018)	ND(0.0021)	NA	NA	NA	NA
Methoxychlor		NA	ND(0.0071)	ND(0.0080)	NA	NA	NA	NA
Technical Chlordane		NA	NA	NA	NA	NA	NA	NA
Toxaphene		NA	ND(0.036)	ND(0.040)	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26
	Sample ID:	J9-23-26-D-22	J9-23-26-D-22	J9-23-26-D-22	J9-23-26-D-23	J9-23-26-D-23	J9-23-26-D-24	J9-23-26-D-24
	Sample Depth(Feet):	3-4	3-6	6-15	0-1	0-1	0-1	1-3
	Date Collected:	02/08/01	02/08/01	02/08/01	02/08/01	05/07/01	05/07/01	05/07/01
Herbicides								
2,4,5-T		NA	ND(1.1)	ND(1.2)	NA	NA	NA	NA
2,4,5-TP		NA	ND(1.1)	ND(1.2)	NA	NA	NA	NA
2,4-D		NA	ND(1.1)	ND(1.2)	NA	NA	NA	NA
Dinoseb		NA	ND(0.043)	ND(0.048)	NA	NA	NA	NA
Furans								
2,3,7,8-TCDF		NA	0.00000098 J	NA	0.000013	NA	NA	NA
TCDFs (total)		NA	0.0000018	NA	0.000052	NA	NA	NA
1,2,3,7,8-PeCDF		NA	ND(0.00000013)	NA	0.0000052	NA	NA	NA
2,3,4,7,8-PeCDF		NA	ND(0.00000012)	NA	0.0000057	NA	NA	NA
PeCDFs (total)		NA	0.0000015	NA	0.00011	NA	NA	NA
1,2,3,4,7,8-HxCDF		NA	ND(0.00000033) JX	NA	0.0000074	NA	NA	NA
1,2,3,6,7,8-HxCDF		NA	ND(0.00000014) JX	NA	0.0000046	NA	NA	NA
1,2,3,7,8,9-HxCDF		NA	ND(0.00000017)	NA	0.0000012 J	NA	NA	NA
2,3,4,6,7,8-HxCDF		NA	ND(0.00000015)	NA	0.0000093	NA	NA	NA
HxCDFs (total)		NA	0.0000016	NA	0.00013	NA	NA	NA
1,2,3,4,6,7,8-HpCDF		NA	0.00000090 J	NA	0.000016	NA	NA	NA
1,2,3,4,7,8,9-HpCDF		NA	ND(0.00000024)	NA	0.0000016 J	NA	NA	NA
HpCDFs (total)		NA	0.0000014	NA	0.000035	NA	NA	NA
OCDF		NA	0.0000011 J	NA	0.0000082	NA	NA	NA
Dioxins								
2,3,7,8-TCDD		NA	ND(0.00000019)	NA	ND(0.00000017)	NA	NA	NA
TCDDs (total)		NA	ND(0.00000019)	NA	ND(0.00000017)	NA	NA	NA
1,2,3,7,8-PeCDD		NA	ND(0.00000018)	NA	ND(0.00000016)	NA	NA	NA
PeCDDs (total)		NA	ND(0.00000018)	NA	0.00000098	NA	NA	NA
1,2,3,4,7,8-HxCDD		NA	ND(0.00000022)	NA	0.0000011 J	NA	NA	NA
1,2,3,6,7,8-HxCDD		NA	0.0000019 J	NA	0.0000030	NA	NA	NA
1,2,3,7,8,9-HxCDD		NA	0.00000082 J	NA	0.0000015	NA	NA	NA
HxCDDs (total)		NA	0.0000069	NA	0.000017	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		NA	0.0000024 J	NA	0.0000093	NA	NA	NA
HpCDDs (total)		NA	0.0000038	NA	0.000019	NA	NA	NA
OCDD		NA	0.0000059	NA	0.000045	NA	NA	NA
Total TEQs (WHO TEFs)		NA	0.00000070	NA	0.0000076	NA	NA	NA
Inorganics								
Antimony		NA	ND(0.620)	NA	NA	NA	NA	NA
Arsenic		NA	7.40	NA	NA	5.40 J	9.90 J	39.2 J
Barium		NA	16.8 B	NA	NA	NA	NA	NA
Beryllium		NA	ND(0.0300)	NA	NA	NA	NA	NA
Cadmium		NA	0.260 B	NA	NA	NA	NA	NA
Chromium		NA	7.70	NA	NA	NA	NA	NA
Cobalt		NA	10.2	NA	NA	NA	NA	NA
Copper		NA	24.9 J	NA	NA	NA	NA	NA
Cyanide		NA	ND(1.08)	NA	NA	NA	NA	NA
Lead		NA	10.6	NA	NA	NA	NA	NA
Mercury		NA	0.0100 B	NA	NA	NA	NA	NA
Nickel		NA	17.2	NA	NA	NA	NA	NA
Selenium		NA	0.450 B	NA	NA	NA	NA	NA
Silver		NA	ND(0.0800)	NA	NA	NA	NA	NA
Sulfide		NA	ND(21.6)	NA	NA	NA	NA	NA
Thallium		NA	ND(0.230)	NA	NA	NA	NA	NA
Tin		NA	5.40 B	NA	NA	NA	NA	NA
Vanadium		NA	7.30	NA	NA	NA	NA	NA
Zinc		NA	53.2	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	J9-23-26 / J9-23-26-E-22 / 0-1 / 05/07/01	J9-23-26 / J9-23-26-E-22 / 1-3 / 09/17/02	J9-23-26 / J9-23-26-E-23 / 0-1 / 02/09/01	J9-23-26 / J9-23-26-E-23 / 1-3 / 05/07/01	J9-23-26 / J9-23-26-E-24 / 0-1 / 05/07/01	J9-23-26 / J9-23-26-F-23 / 0-1 / 05/07/01	J9-23-26 / J9-23-26-F-24 / 0-1 / 05/07/01
Volatile Organics								
1,1,1,2-Tetrachloroethane		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
1,1,1-Trichloroethane		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
1,1,2-Trichloroethane		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
1,1-Dichloroethane		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
1,1-Dichloroethene		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
1,2,3-Trichloropropane		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
1,2-Dibromoethane		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
1,2-Dichloroethane		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
1,2-Dichloropropane		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
1,4-Dioxane		NA	ND(0.11) J	ND(1.1) J	NA	NA	NA	NA
2-Butanone		NA	ND(0.011)	ND(0.011)	NA	NA	NA	NA
2-Chloro-1,3-butadiene		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
2-Chloroethylvinylether		NA	ND(0.0057) J	ND(0.011) J	NA	NA	NA	NA
2-Hexanone		NA	ND(0.011) J	ND(0.011)	NA	NA	NA	NA
3-Chloropropene		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
4-Methyl-2-pentanone		NA	ND(0.011)	ND(0.011)	NA	NA	NA	NA
Acetone		NA	ND(0.023)	0.0083 J	NA	NA	NA	NA
Acetonitrile		NA	ND(0.11)	ND(0.11) J	NA	NA	NA	NA
Acrolein		NA	ND(0.11) J	ND(0.11) J	NA	NA	NA	NA
Acrylonitrile		NA	ND(0.0057)	ND(0.11) J	NA	NA	NA	NA
Benzene		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
Bromodichloromethane		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
Bromoform		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
Bromomethane		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
Carbon Disulfide		NA	ND(0.0057)	ND(0.011)	NA	NA	NA	NA
Carbon Tetrachloride		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
Chlorobenzene		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
Chloroethane		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
Chloroform		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
Chloromethane		NA	ND(0.0057) J	ND(0.0057)	NA	NA	NA	NA
cis-1,3-Dichloropropene		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
Dibromochloromethane		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
Dibromomethane		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
Dichlorodifluoromethane		NA	ND(0.0057) J	ND(0.0057)	NA	NA	NA	NA
Ethyl Methacrylate		NA	ND(0.0057)	ND(0.011)	NA	NA	NA	NA
Ethylbenzene		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
Iodomethane		NA	ND(0.0057)	ND(0.011)	NA	NA	NA	NA
Isobutanol		NA	ND(0.11) J	ND(0.23) J	NA	NA	NA	NA
m&p-Xylene		NA	NA	ND(0.0057)	NA	NA	NA	NA
Methacrylonitrile		NA	ND(0.0057)	ND(0.11)	NA	NA	NA	NA
Methyl Methacrylate		NA	ND(0.0057)	ND(0.011)	NA	NA	NA	NA
Methylene Chloride		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
o-Xylene		NA	NA	ND(0.0057)	NA	NA	NA	NA
Propionitrile		NA	ND(0.011)	ND(0.11) J	NA	NA	NA	NA
Styrene		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
Tetrachloroethene		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
Toluene		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
trans-1,2-Dichloroethene		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
trans-1,3-Dichloropropene		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
Trichloroethene		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
Trichlorofluoromethane		NA	ND(0.0057)	ND(0.0057) J	NA	NA	NA	NA
Vinyl Acetate		NA	ND(0.0057)	ND(0.011)	NA	NA	NA	NA
Vinyl Chloride		NA	ND(0.0057)	ND(0.0057)	NA	NA	NA	NA
Xylenes (total)		NA	ND(0.0057)	NA	NA	NA	NA	NA
Semivolatile Organics								
1,2,4,5-Tetrachlorobenzene		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
1,2,4-Trichlorobenzene		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
1,2-Dichlorobenzene		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
1,2-Diphenylhydrazine		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
1,3,5-Trinitrobenzene		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
1,3-Dichlorobenzene		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
1,3-Dinitrobenzene		NA	ND(0.77)	ND(0.38)	NA	NA	NA	NA
1,4-Dichlorobenzene		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
1,4-Naphthoquinone		NA	ND(0.77)	ND(2.0) J	NA	NA	NA	NA
1-Naphthylamine		NA	ND(0.77)	ND(0.38)	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26
	Sample ID:	J9-23-26-E-22	J9-23-26-E-22	J9-23-26-E-23	J9-23-26-E-23	J9-23-26-E-24	J9-23-26-F-23	J9-23-26-F-24
	Sample Depth(Feet):	0-1	1-3	0-1	1-3	0-1	0-1	0-1
	Date Collected:	05/07/01	09/17/02	02/09/01	05/07/01	05/07/01	05/07/01	05/07/01
Semivolatile Organics (continued)								
2,3,4,6-Tetrachlorophenol		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
2,4,5-Trichlorophenol		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
2,4,6-Trichlorophenol		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
2,4-Dichlorophenol		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
2,4-Dimethylphenol		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
2,4-Dinitrophenol		NA	ND(1.9) J	ND(2.0)	NA	NA	NA	NA
2,4-Dinitrotoluene		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
2,6-Dichlorophenol		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
2,6-Dinitrotoluene		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
2-Acetylaminofluorene		NA	ND(0.77) J	ND(0.38)	NA	NA	NA	NA
2-Chloronaphthalene		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
2-Chlorophenol		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
2-Methylnaphthalene		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
2-Methylphenol		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
2-Naphthylamine		NA	ND(0.77)	ND(0.38)	NA	NA	NA	NA
2-Nitroaniline		NA	ND(1.9)	ND(2.0)	NA	NA	NA	NA
2-Nitrophenol		NA	ND(0.77)	ND(0.38)	NA	NA	NA	NA
2-Picoline		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
3&4-Methylphenol		NA	ND(0.77)	ND(0.38)	NA	NA	NA	NA
3,3'-Dichlorobenzidine		NA	ND(0.77) J	R	NA	NA	NA	NA
3,3'-Dimethylbenzidine		NA	ND(0.38) J	ND(0.38)	NA	NA	NA	NA
3-Methylcholanthrene		NA	ND(0.77)	ND(0.38)	NA	NA	NA	NA
3-Nitroaniline		NA	ND(1.9)	ND(2.0)	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol		NA	ND(0.38)	ND(2.0)	NA	NA	NA	NA
4-Aminobiphenyl		NA	ND(0.77)	ND(2.0)	NA	NA	NA	NA
4-Bromophenyl-phenylether		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
4-Chloro-3-Methylphenol		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
4-Chloroaniline		NA	ND(0.38)	R	NA	NA	NA	NA
4-Chlorobenzilate		NA	ND(0.77)	ND(0.38)	NA	NA	NA	NA
4-Chlorophenyl-phenylether		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
4-Nitroaniline		NA	ND(1.9)	ND(2.0)	NA	NA	NA	NA
4-Nitrophenol		NA	ND(1.9)	ND(2.0)	NA	NA	NA	NA
4-Nitroquinoline-1-oxide		NA	ND(0.77)	ND(2.0) J	NA	NA	NA	NA
4-Phenylenediamine		NA	ND(0.77) J	ND(2.0) J	NA	NA	NA	NA
5-Nitro-o-toluidine		NA	ND(0.77)	ND(0.38)	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene		NA	ND(0.77)	ND(0.38)	NA	NA	NA	NA
a,a'-Dimethylphenethylamine		NA	ND(0.77)	ND(2.0)	NA	NA	NA	NA
Acenaphthene		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Acenaphthylene		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Acetophenone		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Aniline		NA	ND(0.38)	ND(0.38) J	NA	NA	NA	NA
Anthracene		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Aramite		NA	ND(0.77)	ND(2.0)	NA	NA	NA	NA
Benzidine		NA	ND(0.77)	ND(3.8) J	NA	NA	NA	NA
Benzo(a)anthracene		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Benzo(a)pyrene		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Benzo(b)fluoranthene		NA	0.094 J	ND(0.38)	NA	NA	NA	NA
Benzo(g,h,i)perylene		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Benzo(k)fluoranthene		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Benzyl Alcohol		NA	ND(0.77)	ND(2.0)	NA	NA	NA	NA
bis(2-Chloroethoxy)methane		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
bis(2-Chloroethyl)ether		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Butylbenzylphthalate		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Chrysene		NA	0.093 J	ND(0.38)	NA	NA	NA	NA
Diallate		NA	ND(0.77)	ND(0.38)	NA	NA	NA	NA
Dibenzo(a,h)anthracene		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Dibenzofuran		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Diethylphthalate		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Dimethoate		NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Di-n-Butylphthalate		NA	ND(0.38)	0.044 J	NA	NA	NA	NA
Di-n-Octylphthalate		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Diphenylamine		NA	ND(0.38)	ND(0.38) J	NA	NA	NA	NA
Disulfoton		NA	NA	NA	NA	NA	NA	NA
Ethyl Methanesulfonate		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Ethyl Parathion		NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26
	Sample ID:	J9-23-26-E-22	J9-23-26-E-22	J9-23-26-E-23	J9-23-26-E-23	J9-23-26-E-24	J9-23-26-F-23	J9-23-26-F-24
	Sample Depth(Feet):	0-1	1-3	0-1	1-3	0-1	0-1	0-1
	Date Collected:	05/07/01	09/17/02	02/09/01	05/07/01	05/07/01	05/07/01	05/07/01
Semivolatile Organics (continued)								
Fluoranthene		NA	0.17 J	0.050 J	NA	NA	NA	NA
Fluorene		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Hexachlorobenzene		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Hexachlorobutadiene		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Hexachlorocyclopentadiene		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Hexachloroethane		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Hexachlorophene		NA	ND(0.77) J	R	NA	NA	NA	NA
Hexachloropropene		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Isodrin		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Isophorone		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Isosafrole		NA	ND(0.77)	ND(0.38)	NA	NA	NA	NA
Methapyrilene		NA	ND(0.77)	ND(2.0)	NA	NA	NA	NA
Methyl Methanesulfonate		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Methyl Parathion		NA	NA	NA	NA	NA	NA	NA
Naphthalene		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Nitrobenzene		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
N-Nitrosodiethylamine		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
N-Nitrosodimethylamine		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
N-Nitroso-di-n-butylamine		NA	ND(0.77)	ND(0.38)	NA	NA	NA	NA
N-Nitroso-di-n-propylamine		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
N-Nitrosodiphenylamine		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
N-Nitrosomethylethylamine		NA	ND(0.77)	ND(0.38)	NA	NA	NA	NA
N-Nitrosomorpholine		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
N-Nitrosopiperidine		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
N-Nitrosopyrrolidine		NA	ND(0.77)	ND(0.38)	NA	NA	NA	NA
o,o,o-Triethylphosphorothioate		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
o-Toluidine		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
p-Dimethylaminoazobenzene		NA	ND(0.77)	ND(0.38)	NA	NA	NA	NA
Pentachlorobenzene		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Pentachloroethane		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Pentachloronitrobenzene		NA	ND(0.77)	ND(0.38)	NA	NA	NA	NA
Pentachlorophenol		NA	ND(1.9)	ND(2.0)	NA	NA	NA	NA
Phenacetin		NA	ND(0.77)	ND(0.38)	NA	NA	NA	NA
Phenanthrene		NA	0.12 J	ND(0.38)	NA	NA	NA	NA
Phenol		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Phorate		NA	NA	NA	NA	NA	NA	NA
Pronamide		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Pyrene		NA	0.17 J	0.049 J	NA	NA	NA	NA
Pyridine		NA	ND(0.38)	ND(2.0)	NA	NA	NA	NA
Safrole		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Sulfotep		NA	NA	NA	NA	NA	NA	NA
Thionazin		NA	ND(0.38)	ND(0.38)	NA	NA	NA	NA
Organochlorine Pesticides								
4,4'-DDD		NA	NA	NA	NA	NA	NA	NA
4,4'-DDE		NA	NA	NA	NA	NA	NA	NA
4,4'-DDT		NA	NA	NA	NA	NA	NA	NA
Aldrin		NA	NA	NA	NA	NA	NA	NA
Alpha-BHC		NA	NA	NA	NA	NA	NA	NA
Alpha-Chlordane		NA	NA	NA	NA	NA	NA	NA
Beta-BHC		NA	NA	NA	NA	NA	NA	NA
Delta-BHC		NA	NA	NA	NA	NA	NA	NA
Dieldrin		NA	NA	NA	NA	NA	NA	NA
Endosulfan I		NA	NA	NA	NA	NA	NA	NA
Endosulfan II		NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate		NA	NA	NA	NA	NA	NA	NA
Endrin		NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde		NA	NA	NA	NA	NA	NA	NA
Endrin Ketone		NA	NA	NA	NA	NA	NA	NA
Famphur		NA	NA	NA	NA	NA	NA	NA
Gamma-BHC (Lindane)		NA	NA	NA	NA	NA	NA	NA
Gamma-Chlordane		NA	NA	NA	NA	NA	NA	NA
Heptachlor		NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide		NA	NA	NA	NA	NA	NA	NA
Kepone		NA	NA	NA	NA	NA	NA	NA
Methoxychlor		NA	NA	NA	NA	NA	NA	NA
Technical Chlordane		NA	NA	NA	NA	NA	NA	NA
Toxaphene		NA	NA	NA	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:							
	Parcel ID:	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26	J9-23-26
	Sample ID:	J9-23-26-E-22	J9-23-26-E-22	J9-23-26-E-23	J9-23-26-E-23	J9-23-26-E-24	J9-23-26-F-23	J9-23-26-F-24
	Sample Depth(Feet):	0-1	1-3	0-1	1-3	0-1	0-1	0-1
	Date Collected:	05/07/01	09/17/02	02/09/01	05/07/01	05/07/01	05/07/01	05/07/01
Herbicides								
2,4,5-T		NA	NA	NA	NA	NA	NA	NA
2,4,5-TP		NA	NA	NA	NA	NA	NA	NA
2,4-D		NA	NA	NA	NA	NA	NA	NA
Dinoseb		NA	NA	NA	NA	NA	NA	NA
Furans								
2,3,7,8-TCDF		NA	0.000039 Y	0.000011	NA	NA	NA	NA
TCDFs (total)		NA	0.00034	0.000055	NA	NA	NA	NA
1,2,3,7,8-PeCDF		NA	0.000016	0.0000037	NA	NA	NA	NA
2,3,4,7,8-PeCDF		NA	0.000014	0.0000039	NA	NA	NA	NA
PeCDFs (total)		NA	0.00016	0.000053	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF		NA	0.000019	0.0000062	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF		NA	0.0000091	0.0000035	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF		NA	0.0000022 J	0.00000053 J	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF		NA	0.0000074	0.0000061	NA	NA	NA	NA
HxCDFs (total)		NA	0.00011 Q	0.000089	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF		NA	0.000020	0.000012	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF		NA	0.0000037	0.0000010 J	NA	NA	NA	NA
HpCDFs (total)		NA	0.000036	0.000025	NA	NA	NA	NA
OCDF		NA	0.000024	0.0000070	NA	NA	NA	NA
Dioxins								
2,3,7,8-TCDD		NA	ND(0.00000041) X	0.00000060 J	NA	NA	NA	NA
TCDDs (total)		NA	0.0000042	0.00000060	NA	NA	NA	NA
1,2,3,7,8-PeCDD		NA	0.00000065 J	ND(0.00000019)	NA	NA	NA	NA
PeCDDs (total)		NA	0.0000045	ND(0.00000019)	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD		NA	0.00000047 J	ND(0.00000022)	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD		NA	0.00000092 J	0.00000075 J	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD		NA	0.00000061 J	0.00000059 J	NA	NA	NA	NA
HxCDDs (total)		NA	0.0000047	0.0000066	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD		NA	0.0000097	0.0000067	NA	NA	NA	NA
HpCDDs (total)		NA	0.000018	0.000015	NA	NA	NA	NA
OCDD		NA	0.000088	0.000039	NA	NA	NA	NA
Total TEQs (WHO TEFs)		NA	0.000017	0.0000059	NA	NA	NA	NA
Inorganics								
Antimony		NA	ND(6.0)	ND(0.670)	NA	NA	NA	NA
Arsenic		4.90 J	3.60	85.6	60.1 J	10.0 J	6.40 J	4.80 J
Barium		NA	24.0	23.2	NA	NA	NA	NA
Beryllium		NA	ND(0.500)	0.0600 B	NA	NA	NA	NA
Cadmium		NA	ND(0.50)	0.200 B	NA	NA	NA	NA
Chromium		NA	12.0	6.10	NA	NA	NA	NA
Cobalt		NA	8.50	6.10	NA	NA	NA	NA
Copper		NA	23.0	14.3 J	NA	NA	NA	NA
Cyanide		NA	ND(0.110)	ND(1.15)	NA	NA	NA	NA
Lead		NA	20.0	13.9	NA	NA	NA	NA
Mercury		NA	0.200	0.0300 B	NA	NA	NA	NA
Nickel		NA	12.0	12.3	NA	NA	NA	NA
Selenium		NA	ND(1.00)	0.250 B	NA	NA	NA	NA
Silver		NA	ND(1.00)	ND(0.0900)	NA	NA	NA	NA
Sulfide		NA	24.0	ND(23.0)	NA	NA	NA	NA
Thallium		NA	ND(1.70)	ND(0.240)	NA	NA	NA	NA
Tin		NA	ND(10)	6.90 B	NA	NA	NA	NA
Vanadium		NA	8.10	8.80	NA	NA	NA	NA
Zinc		NA	50.0	46.5	NA	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:			
	Parcel ID:	J9-23-26	J9-23-26	J9-23-26
	Sample ID:	J9-23-26-F-24	J9-23-26-PK-3	J9-23-26-SLO-445
	Sample Depth(Feet):	1-3	0-1	0-1
Parameter	Date Collected:	05/07/01	05/07/01	02/09/01
Volatile Organics				
1,1,1,2-Tetrachloroethane		NA	NA	ND(0.0066)
1,1,1-Trichloroethane		NA	NA	ND(0.0066)
1,1,2,2-Tetrachloroethane		NA	NA	ND(0.0066)
1,1,2-Trichloroethane		NA	NA	ND(0.0066)
1,1-Dichloroethane		NA	NA	ND(0.0066)
1,1-Dichloroethene		NA	NA	ND(0.0066)
1,2,3-Trichloropropane		NA	NA	ND(0.0066)
1,2-Dibromo-3-chloropropane		NA	NA	ND(0.0066)
1,2-Dibromoethane		NA	NA	ND(0.0066)
1,2-Dichloroethane		NA	NA	ND(0.0066)
1,2-Dichloropropane		NA	NA	ND(0.0066)
1,4-Dioxane		NA	NA	ND(1.3) J
2-Butanone		NA	NA	ND(0.013)
2-Chloro-1,3-butadiene		NA	NA	ND(0.0066)
2-Chloroethylvinylether		NA	NA	ND(0.013) J
2-Hexanone		NA	NA	ND(0.013)
3-Chloropropene		NA	NA	ND(0.0066)
4-Methyl-2-pentanone		NA	NA	ND(0.013)
Acetone		NA	NA	ND(0.027)
Acetonitrile		NA	NA	ND(0.13) J
Acrolein		NA	NA	ND(0.13) J
Acrylonitrile		NA	NA	ND(0.13) J
Benzene		NA	NA	ND(0.0066)
Bromodichloromethane		NA	NA	ND(0.0066)
Bromoform		NA	NA	ND(0.0066)
Bromomethane		NA	NA	ND(0.0066)
Carbon Disulfide		NA	NA	ND(0.013)
Carbon Tetrachloride		NA	NA	ND(0.0066)
Chlorobenzene		NA	NA	ND(0.0066)
Chloroethane		NA	NA	ND(0.0066)
Chloroform		NA	NA	ND(0.0066)
Chloromethane		NA	NA	ND(0.0066)
cis-1,3-Dichloropropene		NA	NA	ND(0.0066)
Dibromochloromethane		NA	NA	ND(0.0066)
Dibromomethane		NA	NA	ND(0.0066)
Dichlorodifluoromethane		NA	NA	ND(0.0066)
Ethyl Methacrylate		NA	NA	ND(0.013)
Ethylbenzene		NA	NA	ND(0.0066)
Iodomethane		NA	NA	ND(0.013)
Isobutanol		NA	NA	ND(0.27) J
m&p-Xylene		NA	NA	ND(0.0066)
Methacrylonitrile		NA	NA	ND(0.13)
Methyl Methacrylate		NA	NA	ND(0.013)
Methylene Chloride		NA	NA	ND(0.0066)
o-Xylene		NA	NA	ND(0.0066)
Propionitrile		NA	NA	ND(0.13) J
Styrene		NA	NA	ND(0.0066)
Tetrachloroethene		NA	NA	ND(0.0066)
Toluene		NA	NA	ND(0.0066)
trans-1,2-Dichloroethene		NA	NA	ND(0.0066)
trans-1,3-Dichloropropene		NA	NA	ND(0.0066)
trans-1,4-Dichloro-2-butene		NA	NA	ND(0.0066)
Trichloroethene		NA	NA	ND(0.0066)
Trichlorofluoromethane		NA	NA	ND(0.0066) J
Vinyl Acetate		NA	NA	ND(0.013)
Vinyl Chloride		NA	NA	ND(0.0066)
Xylenes (total)		NA	NA	NA
Semivolatile Organics				
1,2,4,5-Tetrachlorobenzene		NA	NA	ND(0.44)
1,2,4-Trichlorobenzene		NA	NA	ND(0.44)
1,2-Dichlorobenzene		NA	NA	ND(0.44)
1,2-Diphenylhydrazine		NA	NA	ND(0.44)
1,3,5-Trinitrobenzene		NA	NA	ND(0.44)
1,3-Dichlorobenzene		NA	NA	ND(0.44)
1,3-Dinitrobenzene		NA	NA	ND(0.44)
1,4-Dichlorobenzene		NA	NA	ND(0.44)
1,4-Naphthoquinone		NA	NA	ND(2.3) J
1-Naphthylamine		NA	NA	ND(0.44)

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:			
	J9-23-26 / J9-23-26-F-24 / 1-3 / 05/07/01	J9-23-26 / J9-23-26-PK-3 / 0-1 / 05/07/01	J9-23-26 / J9-23-26-SLO-445 / 0-1 / 02/09/01
Semivolatile Organics (continued)			
2,3,4,6-Tetrachlorophenol	NA	NA	ND(0.44)
2,4,5-Trichlorophenol	NA	NA	ND(0.44)
2,4,6-Trichlorophenol	NA	NA	ND(0.44)
2,4-Dichlorophenol	NA	NA	ND(0.44)
2,4-Dimethylphenol	NA	NA	ND(0.44)
2,4-Dinitrophenol	NA	NA	ND(2.3)
2,4-Dinitrotoluene	NA	NA	ND(0.44)
2,6-Dichlorophenol	NA	NA	ND(0.44)
2,6-Dinitrotoluene	NA	NA	ND(0.44)
2-Acetylaminofluorene	NA	NA	ND(0.44)
2-Chloronaphthalene	NA	NA	ND(0.44)
2-Chlorophenol	NA	NA	ND(0.44)
2-Methylnaphthalene	NA	NA	ND(0.44)
2-Methylphenol	NA	NA	ND(0.44)
2-Naphthylamine	NA	NA	ND(0.44)
2-Nitroaniline	NA	NA	ND(2.3)
2-Nitrophenol	NA	NA	ND(0.44)
2-Picoline	NA	NA	ND(0.44)
3&4-Methylphenol	NA	NA	ND(0.44)
3,3'-Dichlorobenzidine	NA	NA	R
3,3'-Dimethylbenzidine	NA	NA	ND(0.44)
3-Methylcholanthrene	NA	NA	ND(0.44)
3-Nitroaniline	NA	NA	ND(2.3)
4,6-Dinitro-2-methylphenol	NA	NA	ND(2.3)
4-Aminobiphenyl	NA	NA	ND(2.3)
4-Bromophenyl-phenylether	NA	NA	ND(0.44)
4-Chloro-3-Methylphenol	NA	NA	ND(0.44)
4-Chloroaniline	NA	NA	R
4-Chlorobenzilate	NA	NA	ND(0.44)
4-Chlorophenyl-phenylether	NA	NA	ND(0.44)
4-Nitroaniline	NA	NA	ND(2.3)
4-Nitrophenol	NA	NA	ND(2.3)
4-Nitroquinoline-1-oxide	NA	NA	ND(2.3) J
4-Phenylenediamine	NA	NA	ND(2.3) J
5-Nitro-o-toluidine	NA	NA	ND(0.44)
7,12-Dimethylbenz(a)anthracene	NA	NA	ND(0.44)
a,a'-Dimethylphenethylamine	NA	NA	ND(2.3)
Acenaphthene	NA	NA	ND(0.44)
Acenaphthylene	NA	NA	ND(0.44)
Acetophenone	NA	NA	ND(0.44)
Aniline	NA	NA	ND(0.44) J
Anthracene	NA	NA	ND(0.44)
Aramite	NA	NA	ND(2.3)
Benzidine	NA	NA	ND(4.4) J
Benzo(a)anthracene	NA	NA	0.068 J
Benzo(a)pyrene	NA	NA	0.076 J
Benzo(b)fluoranthene	NA	NA	0.069 J
Benzo(g,h,i)perylene	NA	NA	0.067 J
Benzo(k)fluoranthene	NA	NA	0.065 J
Benzyl Alcohol	NA	NA	ND(2.3)
bis(2-Chloroethoxy)methane	NA	NA	ND(0.44)
bis(2-Chloroethyl)ether	NA	NA	ND(0.44)
bis(2-Chloroisopropyl)ether	NA	NA	ND(0.44)
bis(2-Ethylhexyl)phthalate	NA	NA	ND(0.44)
Butylbenzylphthalate	NA	NA	ND(0.44)
Chrysene	NA	NA	0.081 J
Diallate	NA	NA	ND(0.44)
Dibenzo(a,h)anthracene	NA	NA	ND(0.44)
Dibenzofuran	NA	NA	ND(0.44)
Diethylphthalate	NA	NA	ND(0.44)
Dimethoate	NA	NA	NA
Dimethylphthalate	NA	NA	ND(0.44)
Di-n-Butylphthalate	NA	NA	0.047 J
Di-n-Octylphthalate	NA	NA	ND(0.44)
Diphenylamine	NA	NA	ND(0.44) J
Disulfoton	NA	NA	NA
Ethyl Methanesulfonate	NA	NA	ND(0.44)
Ethyl Parathion	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:			
	J9-23-26 / J9-23-26-F-24 / 1-3 / 05/07/01	J9-23-26 / J9-23-26-PK-3 / 0-1 / 05/07/01	J9-23-26 / J9-23-26-SLO-445 / 0-1 / 02/09/01
Semivolatile Organics (continued)			
Fluoranthene	NA	NA	0.14 J
Fluorene	NA	NA	ND(0.44)
Hexachlorobenzene	NA	NA	ND(0.44)
Hexachlorobutadiene	NA	NA	ND(0.44)
Hexachlorocyclopentadiene	NA	NA	ND(0.44)
Hexachloroethane	NA	NA	ND(0.44)
Hexachlorophene	NA	NA	R
Hexachloropropene	NA	NA	ND(0.44)
Indeno(1,2,3-cd)pyrene	NA	NA	0.053 J
Isodrin	NA	NA	ND(0.44)
Isophorone	NA	NA	ND(0.44)
Isosafrole	NA	NA	ND(0.44)
Methapyrilene	NA	NA	ND(2.3)
Methyl Methanesulfonate	NA	NA	ND(0.44)
Methyl Parathion	NA	NA	NA
Naphthalene	NA	NA	ND(0.44)
Nitrobenzene	NA	NA	ND(0.44)
N-Nitrosodiethylamine	NA	NA	ND(0.44)
N-Nitrosodimethylamine	NA	NA	ND(0.44)
N-Nitroso-di-n-butylamine	NA	NA	ND(0.44)
N-Nitroso-di-n-propylamine	NA	NA	ND(0.44)
N-Nitrosodiphenylamine	NA	NA	ND(0.44)
N-Nitrosomethylethylamine	NA	NA	ND(0.44)
N-Nitrosomorpholine	NA	NA	ND(0.44)
N-Nitrosopiperidine	NA	NA	ND(0.44)
N-Nitrosopyrrolidine	NA	NA	ND(0.44)
o,o,o-Triethylphosphorothioate	NA	NA	ND(0.44)
o-Toluidine	NA	NA	ND(0.44)
p-Dimethylaminoazobenzene	NA	NA	ND(0.44)
Pentachlorobenzene	NA	NA	ND(0.44)
Pentachloroethane	NA	NA	ND(0.44)
Pentachloronitrobenzene	NA	NA	ND(0.44)
Pentachlorophenol	NA	NA	ND(2.3)
Phenacetin	NA	NA	ND(0.44)
Phenanthrene	NA	NA	0.068 J
Phenol	NA	NA	ND(0.44)
Phorate	NA	NA	NA
Pronamide	NA	NA	ND(0.44)
Pyrene	NA	NA	0.13 J
Pyridine	NA	NA	ND(2.3)
Safrole	NA	NA	ND(0.44)
Sulfotep	NA	NA	NA
Thionazin	NA	NA	ND(0.44)
Organochlorine Pesticides			
4,4'-DDD	NA	NA	NA
4,4'-DDE	NA	NA	NA
4,4'-DDT	NA	NA	NA
Aldrin	NA	NA	NA
Alpha-BHC	NA	NA	NA
Alpha-Chlordane	NA	NA	NA
Beta-BHC	NA	NA	NA
Delta-BHC	NA	NA	NA
Dieldrin	NA	NA	NA
Endosulfan I	NA	NA	NA
Endosulfan II	NA	NA	NA
Endosulfan Sulfate	NA	NA	NA
Endrin	NA	NA	NA
Endrin Aldehyde	NA	NA	NA
Endrin Ketone	NA	NA	NA
Famphur	NA	NA	NA
Gamma-BHC (Lindane)	NA	NA	NA
Gamma-Chlordane	NA	NA	NA
Heptachlor	NA	NA	NA
Heptachlor Epoxide	NA	NA	NA
Kepone	NA	NA	NA
Methoxychlor	NA	NA	NA
Technical Chlordane	NA	NA	NA
Toxaphene	NA	NA	NA

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: / Sample ID: / Sample Depth(Feet): / Date Collected:	J9-23-26 / J9-23-26-F-24 / 1-3 / 05/07/01	J9-23-26 / J9-23-26-PK-3 / 0-1 / 05/07/01	J9-23-26 / J9-23-26-SLO-445 / 0-1 / 02/09/01
Herbicides				
2,4,5-T		NA	NA	NA
2,4,5-TP		NA	NA	NA
2,4-D		NA	NA	NA
Dinoseb		NA	NA	NA
Furans				
2,3,7,8-TCDF		NA	NA	0.00013
TCDFs (total)		NA	NA	0.00069
1,2,3,7,8-PeCDF		NA	NA	0.000033
2,3,4,7,8-PeCDF		NA	NA	0.000035
PeCDFs (total)		NA	NA	0.00045
1,2,3,4,7,8-HxCDF		NA	NA	0.000049
1,2,3,6,7,8-HxCDF		NA	NA	0.000021
1,2,3,7,8,9-HxCDF		NA	NA	0.0000042
2,3,4,6,7,8-HxCDF		NA	NA	0.000024
HxCDFs (total)		NA	NA	0.00033
1,2,3,4,6,7,8-HpCDF		NA	NA	0.000053
1,2,3,4,7,8,9-HpCDF		NA	NA	0.0000073
HpCDFs (total)		NA	NA	0.000099
OCDF		NA	NA	0.000037
Dioxins				
2,3,7,8-TCDD		NA	NA	0.00000073 J
TCDDs (total)		NA	NA	0.0000080
1,2,3,7,8-PeCDD		NA	NA	0.0000010 J
PeCDDs (total)		NA	NA	0.0000058
1,2,3,4,7,8-HxCDD		NA	NA	0.00000091 J
1,2,3,6,7,8-HxCDD		NA	NA	0.0000019 J
1,2,3,7,8,9-HxCDD		NA	NA	0.0000018 J
HxCDDs (total)		NA	NA	0.000020
1,2,3,4,6,7,8-HpCDD		NA	NA	0.000014
HpCDDs (total)		NA	NA	0.000030
OCDD		NA	NA	0.000064
Total TEQs (WHO TEFs)		NA	NA	0.000045
Inorganics				
Antimony		NA	NA	ND(0.780)
Arsenic		7.20 J	8.50 J	8.50
Barium		NA	NA	40.4
Beryllium		NA	NA	ND(0.0400)
Cadmium		NA	NA	0.330 B
Chromium		NA	NA	10.6
Cobalt		NA	NA	10.6
Copper		NA	NA	184 J
Cyanide		NA	NA	ND(1.33)
Lead		NA	NA	50.8
Mercury		NA	NA	0.130
Nickel		NA	NA	22.1
Selenium		NA	NA	0.710
Silver		NA	NA	ND(0.100)
Sulfide		NA	NA	ND(26.5)
Thallium		NA	NA	ND(0.290)
Tin		NA	NA	11.6 B
Vanadium		NA	NA	11.7
Zinc		NA	NA	123

TABLE B-2
PRE-DESIGN INVESTIGATION SOIL SAMPLING RESULTS APPENDIX IX + 3 CONSTITUENTS

CONCEPTUAL RD/RA WORK PLAN ADDENDUM FOR NEWELL STREET AREA I
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc., and were submitted to CT&E Environmental Services, Inc. and Columbia Analytical Services, Inc. for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved November 4, 2002 and resubmitted December 10, 2002).
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. NA - Not Analyzed - Laboratory did not report results for this analyte.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
6. NC - Not Calculated. Insufficient data to calculate TEQs.
7. Duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, semivolatiles, dioxin/furans)

- J - Indicates that the associated numerical value is an estimated concentration.
- R - Data was rejected due to a deficiency in the data generation process.
- D - Compound quantitated using a secondary dilution.
- B - Analyte was also detected in the associated method blank.
- E - Analyte exceeded calibration range.
- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- X - Estimated maximum possible concentration.
- Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

- B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
- R - Data was rejected due to a deficiency in the data generation process.
- J - Indicates that the associated numerical value is an estimated concentration.
- E - Serial dilution results not within 10%. Applicable only if analyte concentration is at least 50X the IDL in original sample.
- * - Indicates laboratory duplicate analysis was outside control limits.