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Appendix C

Data Validation Report

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APPENDIX C

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

EAST STREET AREA 2-SOUTH PRE-DESIGN INVESTIGATION

SOIL SAMPLING DATA VALIDATION REPORT

1.0 General

This appendix summarizes the Tier I and Tier II data reviews performed for soil samples collected pre-design investigation activities at a portion of the East Street Area 2-South Pre-Design Investigation, 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 480 polychlorinated biphenyl (PCB) samples, 145 volatile organic compound (VOC) samples, 143 semi-volatile organic compound (SVOC) samples, 170 polychlorinated dibenzo-p-dioxin (PCDD)/polychlorinated dibenzofuran (PCDF) samples, 138 metals samples, and 135 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 November 4, 2002 and resubmitted December 10, 2002);
- *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 C-1. Each sample subjected to evaluation is listed in Table C-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 C-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 C-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	234	8	0	221	17	0	480
VOCs	0	0	0	130	8	7	145
SVOCs	0	0	0	128	8	7	143
PCDDs/PCDFs	24	0	2	127	10	7	170
Metals	0	0	0	123	8	7	138
Cyanide/Sulfide	95	3	5	25	5	2	135
Total	**353**	**11**	**7**	**754**	**56**	**30**	**1211**

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 69% 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

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.

Analysis Qualified Due to Initial Calibration Deviations

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,4-Dioxane	133	J
	Acetone	6	J
	Acetonitrile	53	J
	Acrolein	109	J
	Acrylonitrile	7	J
	Isobutanol	23	J
	Propionitrile	4	J
SVOCs	4-Phenylenediamine	134	J
	Hexachlorophene	4	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 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% and for PCDDs/PCDFs be less than 35%.

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	1,1,2,2-Tetrachloroethane	5	J
	1,2-Dibromo-3-chloropropane	7	J
	1,4-Dioxane	3	J
	2-Chloroethylvinylether	10	J
	2-Hexanone	27	J
	Acetone	7	J
	Acrolein	21	J
	Bromoform	31	J
	Carbon Tetrachloride	1	J
	Chlorobenzene	1	J
	Chloroethane	39	J
	Chloromethane	9	J
	Dichlorodifluoromethane	7	J
	Hexachlorobutadiene	1	J
	Isobutanol	14	J
	Methacrylonitrile	11	J
	Propionitrile	6	J
	Tetrachloroethene	3	J
	trans-1,4-Dichloro-2-butene	13	J
	Vinyl Acetate	21	J
SVOCs	1,2-Diphenylhydrazine	2	J
	2,4-Dinitrophenol	6	J
	2,6-Dinitrotoluene	17	J
	2-Chloronaphthalene	1	J
	2-Nitroaniline	8	J
	3,3'-Dichlorobenzidine	45	J
	4-Nitroaniline	4	J
	4-Nitrophenol	2	J
	Benzidine	66	J
	Benzo(a)pyrene	2	J
	Benzo(b)fluoranthene	2	J
	Benzyl Alcohol	25	J
	bis(2-Chloroisopropyl)ether	25	J
	Butylbenzylphthalate	1	J
	Hexachlorocyclopentadiene	4	J
	Hexachloroethane	8	J
	N-Nitroso-di-n-propylamine	6	J
	N-Nitrosodimethylamine	1	J

Compounds Qualified Due to Continuing Calibration of %D Values

Analysis	Compound	Number of Affected Samples	Qualification
PCDDs/PCDFs	OCDD	1	J
	1,2,3,4,6,7,8-HpCDF	5	J
	1,2,3,4,7,8-HxCDF	5	J
	1,2,3,6,7,8-HxCDF	5	J
	HpCDFs (total)	5	J
	HxCDFs (total)	5	J

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 compound 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
VOCs	Acrolein	22	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% to verify that the analytical instrumentation was properly calibrated. When CRDL standard recoveries exceeded the 80 to 120% 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 exceeded 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	Arsenic	3	J
	Beryllium	10	J
	Cadmium	7	J
	Chromium	1	J
	Lead	12	J
	Mercury	20	J
	Selenium	65	J
	Silver	13	J
	Thallium	76	J
	Zinc	5	J

Inorganic continuing calibration verification (CCV) criteria require that the percent recovery of the CCV standards be between 90% to 110% recovery. Sample data for non-detected analytes with a percent recovery less than 90% 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.

Analytes Qualified Due to CCV Standard Deviations

Analysis	Analytes	Number of Affected Samples	Qualification
Inorganics	Barium	4	J
	Chromium	5	J
	Cobalt	9	J
	Lead	10	J
	Selenium	5	J
	Thallium	5	J
	Tin	1	J
	Zinc	12	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 (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 detected in the method blanks and which resulted in qualification of sample data are presented below.

Compounds Qualified Due to Blank Deviations

Analysis	**Compound**	**Number of Affected Samples**	**Qualification**
Inorganics	Silver	1	U
	Thallium	2	U
	Tin	78	U
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDD	3	U
	1,2,3,6,7,8-HxCDD	1	U
	1,2,3,6,7,8-HxCDF	2	U
	1,2,3,7,8,9-HxCDD	1	U
	1,2,3,7,8-PeCDF	3	U
	2,3,4,6,7,8-HxCDF	2	U
	2,3,4,7,8-PeCDF	4	U
	2,3,7,8-TCDD	1	U
	2,3,7,8-TCDF	1	U
	HpCDDs (total)	1	U
	HpCDFs (total)	2	U
	HxCDDs (total)	2	U
	HxCDFs (total)	2	U
	OCDD	11	U
	PeCDDs (total)	2	U
	PeCDFs (total)	3	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. Both organic analyses require that, at a minimum, the surrogate recoveries must be greater than 10% or non-detected sample results must be qualified as unusable

(R). Sample data for detected and non-detected compounds with surrogate recoveries that exceeded the surrogate recovery criteria and exhibited recoveries greater than 10% were qualified as estimate (J). A summary of the compounds affected by surrogate recovery deviations and the samples qualified due to those deviations are shown below.

Compounds Qualified Due to Surrogate Recovery Deviations

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	Acetone	1	J
	Benzene	1	J
	Chlorobenzene	1	J
	Ethylbenzene	1	J
	Tetrachloroethene	1	J
	Toluene	1	J
	Trichloroethene	1	J
	Xylenes (total)	1	J
SVOCs	2,3,4,6-Tetrachlorophenol	3	R
	2,4,5-Trichlorophenol	3	R
	2,4,6-Trichlorophenol	3	R
	2,4-Dichlorophenol	3	R
	2,4-Dimethylphenol	3	R
	2,4-Dinitrophenol	3	R
	2,6-Dichlorophenol	3	R
	2-Chlorophenol	3	R
	2-Methylphenol	3	R
	2-Nitrophenol	3	R
	3&4-Methylphenol	3	R
	4,6-Dinitro-2-methylphenol	3	R
	4-Chloro-3-Methylphenol	3	R
	4-Nitrophenol	3	R
	Benzyl Alcohol	3	R
	Pentachlorophenol	3	R
	Phenol	2	R
		1	J
	1,2,4,5-Tetrachlorobenzene	1	R
		3	J
	1,2-Dichlorobenzene	1	R
		3	J
	1,3-Dichlorobenzene	1	R
		3	J
	1,4-Dichlorobenzene	1	R
		3	J
	Aniline	1	R
		3	J
	Benzo(b)fluoranthene	1	R
		3	J

Compounds Qualified Due to Surrogate Recovery Deviations

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs (cont'd)	Benzo(g,h,i)perylene	1	R
		3	J
	Benzo(k)fluoranthene	1	R
		3	J
	bis(2-Ethylhexyl)phthalate	1	R
		3	J
	Fluoranthene	1	R
		3	J
	Pyrene	1	R
		3	J
	All other SVOCs	2	R
		2	J
PCBs	Aroclor-1221	1	J
	Aroclor-1232	1	J
	Aroclor-1242	1	J
	Aroclor-1248	1	J
	Aroclor-1254	1	J
	Aroclor-1260	2	J
	Total PCBs	2	J
PCDDs/PCDFs	1,2,3,4,7,8-HxCDD	2	J
	2,3,4,7,8-PeCDF	5	J
	HxCDDs (total)	1	J
	PeCDFs (total)	2	J

Cleanup standard percent recovery criteria require that the percent recovery of the standard be between 25% to 150% recovery. At a minimum, the recovery must be greater than 10% or non-detected sample results must be qualified as unusable (R). Sample data for detected and non-detected compounds with surrogate recoveries that exceeded the recovery criteria and exhibited recoveries greater than 10% were qualified as estimated (J). A summary of the compounds affected by surrogate recovery deviations and the samples qualified due to those deviations are shown below.

Compounds Qualified Due to Cleanup Standard Recovery Deviations

Analysis	Compound	Number of Affected Samples	Qualification
PCDDs/PCDFs	1,2,3,4,7,8,9-HpCDF	5	J
		2	R

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

Analytes/Compounds Qualified Due to Matrix Spike Recovery Deviations

Analysis	Analyte/Compounds	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

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% 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	Analytes/Compounds	Number of Affected Samples	Qualification
Inorganics	Antimony	18	J
	Copper	9	J
	Mercury	10	J
	Selenium	7	J
	Thallium	9	J
	Tin	1	J
	Zinc	15	J
	Cyanide	5	J
	Sulfide	9	J
PCBs	Aroclor-1254	3	J
	Total PCBs	3	J

Internal standard compounds for VOCs and SVOCs analysis are required to have area counts that are not greater than two times (+100%) or less than one-half (-50%) 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 130%. VOCs and SVOCs sample results for the associated compounds were qualified as estimated (J) when the internal standard recovery was less than 50%, but greater than 25%. VOCs and SVOCs sample results for the associated compounds were qualified as rejected (R) when the internal standard recovery was less than 25%. PCDDs/PCDFs sample results for the associated compounds were qualified as estimated (J) when the internal standard recovery was less than 40%, but greater than 10%. Compounds associated with internal standards which exceeded 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	10	J
	1,2,3-Trichloropropane	10	J
	1,2-Dibromo-3-chloropropane	10	J

Compounds Qualified Due to Internal Standard Recovery Deviations

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	trans-1,4-Dichloro-2-butene	10	J
	1,1,1,2-Tetrachloroethane	4	J
	1,1,2-Trichloroethane	4	J
	1,2-Dibromoethane	4	J
	1,4-Dioxane	1	J
	2-Hexanone	4	J
	Bromoform	4	J
	Chlorobenzene	4	J
	Dibromochloromethane	4	J
	Ethyl Methacrylate	4	J
	Ethylbenzene	1	J
	Styrene	4	J
	Tetrachloroethene	4	J
	Toluene	4	J
	trans-1,3-Dichloropropene	4	J
	Xylenes (total)	4	J
	1,1,1-Trichloroethane	1	J
	1,1-Dichloroethane	1	J
	1,1-Dichloroethene	1	J
	1,2-Dichloroethane	1	J
	1,2-Dichloropropane	1	J
	2-Chloroethylvinylether	1	J
	4-Methyl-2-pentanone	1	J
	Acetone	1	J
	Acetonitrile	1	J
	Acrolein	1	J
	Acrylonitrile	1	J
	Benzene	1	J
	Bromodichloromethane	1	J
	Carbon Disulfide	1	J
	Carbon Tetrachloride	1	J
	Chloroethane	1	J
	Chloroform	1	J
	cis-1,3-Dichloropropene	1	J
	Dichlorodifluoromethane	1	J
	Ethylbenzene	1	J
	Methyl Methacrylate	1	J
	Methylene Chloride	1	J
	Propionitrile	1	J
	trans-1,2-Dichloroethene	1	J
	Trichloroethene	1	J
	Trichlorofluoromethane	1	J

Compounds Qualified Due to Internal Standard Recovery Deviations

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	Vinyl Acetate	1	J
	Vinyl Chloride	1	J
SVOCs	3-Methylcholanthrene	1	J
	7,12-Dimethylbenz(a)anthracene	1	J
	Benzo(a)pyrene	1	J
	Benzo(b)fluoranthene	2	J
	Benzo(g,h,i)perylene	2	J
	Benzo(k)fluoranthene	2	J
	Di-n-Octylphthalate	1	J
	Dibenzo(a,h)anthracene	1	J
	Indeno(1,2,3-cd)pyrene	1	J
	Fluoranthene	1	J
PCDDs/PCDFs	1,2,3,4,7,8,9-HpCDF	1	J
	1,2,3,6,7,8-HxCDD	1	J
	1,2,3,6,7,8-HxCDF	1	J
	1,2,3,7,8,9-HxCDF	1	J
	1,2,3,7,8-PeCDD	2	J
	1,2,3,7,8-PeCDF	2	J
	2,3,4,6,7,8-HxCDF	3	J
	2,3,7,8-TCDD	2	J
	2,3,7,8-TCDF	3	J
	HpCDFs (total)	1	J
	HxCDDs (total)	1	J
	HxCDFs (total)	1	J
	OCDD	3	J
	PeCDDs (total)	2	J
	PeCDFs (total)	1	J
	TCDDs (total)	2	J
	TCDFs (total)	2	J

The instrument sensitivity criterion requires that the ion abundance ratios be within specified 15% theoretical ratio. Sample data for that exceeded instrument sensitivity 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 Ion abundance Ratio Deviations

Analysis	Compound	Number of Affected Samples	Qualification
PCDDs/PCDFs	1,2,3,4,7,8,9-HpCDF	1	J
	1,2,3,7,8-PeCDF	1	J
	HpCDFs (total)	1	J
	1,2,3,4,6,7,8-HpCDF	1	J
	HpCDFs (total)	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
SVOCs	Phenol	1	J
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDD	1	J
	1,2,3,4,6,7,8-HpCDF	6	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	3	J
	1,2,3,7,8,9-HxCDF	1	J
	1,2,3,7,8-PeCDF	1	J
	2,3,4,6,7,8-HxCDF	4	J
	2,3,4,7,8-PeCDF	6	J
	2,3,7,8-TCDD	1	J
	2,3,7,8-TCDF	11	J
	HxCDFs (total)	1	J
	OCDD	1	J
	OCDF	2	J
	PeCDFs (total)	2	J
	TCDFs (total)	4	J

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% 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 analytes that did not meet laboratory duplicate RPD criteria and the samples qualified due to those deviations are presented below.

Analytes Qualified Due to Laboratory Duplicate Deviations

Analysis	Analytes	Number of Affected Samples	Qualification
Inorganics	Arsenic	3	J
	Barium	3	J
	Beryllium	3	J
	Cadmium	3	J
	Chromium	3	J
	Cobalt	3	J
	Zinc	3	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% for soil sample values greater than five times the PQL. Sample results for analytes that exceeded these limits were qualified as estimated (J). The compounds that did not meet field duplicate RPD requirements and the number of samples qualified due to those deviations are presented below.

Compounds Qualified Due to Field Duplicate Deviations

Analysis	Analytes/Compounds	Number of Affected Samples	Qualification
Inorganics	Cadmium	4	J
	Chromium	2	J
PCBs	Aroclor-1254	2	J
	Aroclor-1260	4	J
	Total PCBs	6	J
VOCs	1,1-Dichloroethane	2	J
	Benzene	2	J
	Ethylbenzene	2	J
	Methylene Chloride	2	J
	Tetrachloroethene	2	J
SVOCs	1,2,4,5-Tetrachlorobenzene	2	J
	1,3-Dichlorobenzene	2	J
	1,4-Dichlorobenzene	2	J
	2-Methylnaphthalene	2	J
	Acenaphthene	2	J
	Acenaphthylene	2	J
	Aniline	2	J
	Benzo(a)anthracene	6	J
	Benzo(a)pyrene	6	J
	Benzo(b)fluoranthene	6	J
	Benzo(g,h,i)perylene	4	J
	Benzo(k)fluoranthene	6	J
	bis(2-Ethylhexyl)phthalate	4	J
	Chrysene	6	J
	Fluoranthene	6	J
	Fluorene	2	J
	Hexachlorobenzene	2	J
	Indeno(1,2,3-cd)pyrene	2	J
	Pentachlorobenzene	2	J
	Phenanthrene	6	J
	Pyrene	6	J
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDD	4	J
	1,2,3,4,6,7,8-HpCDF	4	J
	1,2,3,4,7,8,9-HpCDF	2	J
	1,2,3,4,7,8-HxCDD	2	J
	1,2,3,4,7,8-HxCDF	4	J
	1,2,3,6,7,8-HxCDD	4	J

Compounds Qualified Due to Field Duplicate Deviations

Analysis	Analytes/Compounds	Number of Affected Samples	Qualification
	1,2,3,7,8,9-HxCDD	4	J
PCDDs/PCDFs	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)	6	J
	HpCDFs (total)	6	J
	HxCDDs (total)	8	J
	HxCDFs (total)	6	J
	OCDD	6	J
	OCDF	6	J
	PeCDDs (total)	10	J
	PeCDFs (total)	6	J
	TCDDs (total)	2	J
	TCDFs (total)	2	J

MS sample analysis recovery criteria for organics require that the RPD between the MS and matrix spike duplicate (MSD) be less than the laboratory generated QC acceptance limits specified on the MS reporting form. The compounds that exceeded RPD limits and the number of samples qualified due to deviations are presented below.

Compounds Qualified Due to Matrix Spike RPD Deviations

Analysis	Compounds	Number of Affected Samples	Qualification
PCBs	Aroclor-1254	2	J
	Total PCBs	2	J
	Toluene	1	J
	Cyanide	11	J
	Pyrene	1	J
Inorganics	Arsenic	7	J
	Barium	15	J
	Chromium	4	J
	Copper	13	J
	Lead	7	J
	Nickel	7	J
	Selenium	3	J
	Sulfide	8	J
	Tin	3	J
	Vanadium	15	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 value tabulated below.

Data Usability

Parameter	Percent Usability	Rejected Data
Inorganics	100	None
Cyanide and Sulfide	100	None
VOCs	100	None
SVOCs	98.6	232 SVOCs sample results were rejected due to surrogate recovery deviations
PCBs	100	None
PCDDs/PCDFs	99.9	2 PCDDs/PCDFs sample results were rejected due to ion abundance ratio deviations

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, 0.38% of the data required qualification for laboratory duplicate RPD deviations, 0.28% of the data required qualification MS/MSD RPD deviations and 0.57% of the data required qualification field duplicate RPD deviations. None of the data required qualification for 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, CRDL samples, and surrogate compound recoveries. For this analytical program, 2.8% of the data required qualification for calibration deviations, 0.60% required qualification for CRDL standard recoveries, 1.3% required qualification for surrogate compound standard recoveries, 0.48% required qualification for internal standard recoveries, and 0.25% 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 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 98.6 to 100% for individual analytical parameters and had an overall usability of 99.8%, which is greater than the minimum required usability of 90% as specified in the FSP/QAPP.

The rejected SVOC sample data for these investigations include sample analyses results for 97 SVOCs from sample location RAA4-H33 (0- to 1-foot), 102 SVOCs from sample location RAA4-K27 (1- to 3-

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

feet), 17 SVOCs from sample location RAA4-Q8 (0- to 1-foot) and 17 SVOCs from sample location RAA4-O7 (0- to 1-foot) due to low surrogate standard recoveries. These samples were re-extracted by the laboratory to demonstrate matrix interference. Re-sampling for these at these sampling locations is not recommended since subsequent reanalysis of these samples has proven matrix interference and the same analytical performance limitations for the analysis would occur again.

The rejected PCDD/PCDF sample data for these investigations include sample analyses results for one PCDF (1,2,3,4,7,8,9-HpCDF) for sample locations RAA4-M29 (1- to 3-feet) and RAA4-Q6 (1- to 3-feet) due to deviant clean up standard.

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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											
2D0P611	RAA4-C27 (0 - 1)	4/22/2002	Soil	Tier I	No						
2D0P611	RAA4-C27 (1 - 6)	4/22/2002	Soil	Tier I	No						
2D0P611	RAA4-C27 (6 - 15)	4/22/2002	Soil	Tier I	No						
2D0P611	RAA4-I21 (0 - 1)	4/22/2002	Soil	Tier I	No						
2D0P611	RAA4-K30 (0 - 1)	4/22/2002	Soil	Tier I	No						
2D0P611	RAA4-M30 (0 - 1)	4/22/2002	Soil	Tier I	No						
2D0P633	RAA4-D29 (6 - 15)	4/23/2002	Soil	Tier I	No						
2D0P633	RAA4-D34 (0 - 1)	4/23/2002	Soil	Tier I	No						
2D0P633	RAA4-D34 (1 - 6)	4/23/2002	Soil	Tier I	No						
2D0P633	RAA4-D34 (6 - 15)	4/23/2002	Soil	Tier I	No						
2D0P633	RAA4-F36 (1 - 6)	4/23/2002	Soil	Tier I	No						
2D0P633	RAA4-H35 (0 - 1)	4/23/2002	Soil	Tier I	No						
2D0P633	RAA4-H35 (1 - 6)	4/23/2002	Soil	Tier I	No						
2D0P633	RAA4-H35 (6 - 15)	4/23/2002	Soil	Tier I	No						
2D0P666	RAA4-42402-1	4/24/2002	Soil	Tier I	No						
2D0P666	RAA4-D25 (0 - 1)	4/24/2002	Soil	Tier I	No						
2D0P666	RAA4-D25 (1 - 6)	4/24/2002	Soil	Tier I	No						
2D0P666	RAA4-D25 (6 - 15)	4/24/2002	Soil	Tier I	No						
2D0P666	RAA4-F23 (1 - 6)	4/24/2002	Soil	Tier I	No						
2D0P666	RAA4-E23 (6 - 15)	4/24/2002	Soil	Tier I	No						
2D0P666	RAA4-F41 (0 - 1)	4/24/2002	Soil	Tier I	No						
2D0P666	RAA4-F41 (1 - 6)	4/24/2002	Soil	Tier I	No						
2D0P666	RAA4-F41 (6 - 15)	4/24/2002	Soil	Tier I	No						
2D0P697	RAA4-DUP-1 (6 - 15)	4/25/2002	Soil	Tier II	No						RAA4-I23
2D0P697	RAA4-I15 (0 - 1)	4/25/2002	Soil	Tier II	No						
2D0P697	RAA4-I23 (0 - 1)	4/25/2002	Soil	Tier II	No						
2D0P697	RAA4-I23 (1 - 6)	4/25/2002	Soil	Tier II	No						
2D0P697	RAA4-I23 (6 - 15)	4/25/2002	Soil	Tier II	No						
2D0P697	RAA4-K23 (1 - 6)	4/25/2002	Soil	Tier II	No						
2D0P697	RAA4-K23 (6 - 15)	4/25/2002	Soil	Tier II	No						
2D0P697	RAA4-M5 (0 - 1)	4/25/2002	Soil	Tier II	Yes	Aroclor-1254	MS/MSD RPD	272.0%	<40%	0.82 J	
						Total PCBs	MS/MSD RPD	272.0%	<40%	3.6 J	
2D0P697	RAA4-M5 (1 - 6)	4/25/2002	Soil	Tier II	No						
2D0P697	RAA4-M5 (6 - 15)	4/25/2002	Soil	Tier II	No						
2D0P697	RAA4-O1 (0 - 1)	4/25/2002	Soil	Tier II	No						
2D0P697	RAA4-O1 (1 - 6)	4/25/2002	Soil	Tier II	No						
2D0P697	RAA4-O1 (6 - 15)	4/25/2002	Soil	Tier II	No						
2E0P035	64G-RB5102-1	5/1/2002	Water	Tier II	No						
2E0P035	64G-SB-1 (0 - 2)	5/1/2002	Soil	Tier II	No						
2E0P035	64G-SB-1 (2 - 4)	5/1/2002	Soil	Tier II	No						
2E0P035	64G-SB-1 (4 - 6)	5/1/2002	Soil	Tier II	No						
2E0P035	64G-SB-2 (0 - 2)	5/1/2002	Soil	Tier II	No						
2E0P035	64G-SB-2 (2 - 4)	5/1/2002	Soil	Tier II	No						
2E0P035	64G-SB-2 (4 - 6)	5/1/2002	Soil	Tier II	Yes	Aroclor-1254	Field Duplicate RPD (Soil)	110.6%	<50%	0.73 J	
						Total PCBs	Field Duplicate RPD (Soil)	110.6%	<50%	0.73 J	
2E0P035	64G-SB-3 (0 - 2)	5/1/2002	Soil	Tier II	No						
2E0P035	64G-SB-3 (2 - 4)	5/1/2002	Soil	Tier II	No						
2E0P035	64G-SB-3 (4 - 6)	5/1/2002	Soil	Tier II	No						
2E0P035	64G-SB-4 (0 - 2)	5/1/2002	Soil	Tier II	Yes	Aroclor-1260	Surrogate Recovery	220.0%, 486.0%	50% to 150%, 27% to 132%	4.5 J	Report original analysis
						Total PCBs	Surrogate Recovery	220.0%, 486.0%	50% to 150%, 27% to 132%	4.5 J	
2E0P035	64G-SB-4 (2 - 4)	5/1/2002	Soil	Tier II	No						
2E0P035	64G-SB-4 (4 - 6)	5/1/2002	Soil	Tier II	No						
2E0P035	64G-SB-5 (0 - 2)	5/1/2002	Soil	Tier II	No						
2E0P035	64G-SB-5 (2 - 4)	5/1/2002	Soil	Tier II	No						
2E0P035	64G-SB-5 (4 - 6)	5/1/2002	Soil	Tier II	No						
2E0P035	64G-SB-DUP-1 (4 - 6)	5/1/2002	Soil	Tier II	Yes	Aroclor-1254	Field Duplicate RPD (Soil)	110.6%	<50%	0.21 J	64G-SB-2
						Total PCBs	Field Duplicate RPD (Soil)	110.6%	<50%	0.21 J	
2E0P153	E2-64T-C1	5/2/2002	Soil	Tier I	No						

TABLE C-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
PCBs (continued)											
2E0P356	RAA4-DUP-2 (1 - 6)	5/13/2002	Soil	Tier I	No						RAA4-E40
2E0P356	RAA4-E40 (0 - 1)	5/13/2002	Soil	Tier I	No						
2E0P356	RAA4-E40 (1 - 6)	5/13/2002	Soil	Tier I	No						
2E0P356	RAA4-E40 (6 - 15)	5/13/2002	Soil	Tier I	No						
2E0P356	RAA4-E41 (1 - 6)	5/13/2002	Soil	Tier I	No						
2E0P356	RAA4-E41 (6 - 15)	5/13/2002	Soil	Tier I	No						
2E0P356	RAA4-F42 (0 - 1)	5/13/2002	Soil	Tier I	No						
2E0P356	RAA4-F42 (1 - 6)	5/13/2002	Soil	Tier I	No						
2E0P356	RAA4-F42 (6 - 15)	5/13/2002	Soil	Tier I	No						
2E0P393	RAA4-E38 (0 - 1)	5/14/2002	Soil	Tier I	No						
2E0P393	RAA4-E39 (1 - 6)	5/14/2002	Soil	Tier I	No						
2E0P393	RAA4-E38 (6 - 15)	5/14/2002	Soil	Tier I	No						
2E0P393	RAA4-E39 (0 - 1)	5/14/2002	Soil	Tier I	No						
2E0P393	RAA4-E39 (1 - 6)	5/14/2002	Soil	Tier I	No						
2E0P393	RAA4-E39 (6 - 15)	5/14/2002	Soil	Tier I	No						
2E0P393	RAA4-F36 (1 - 6)	5/14/2002	Soil	Tier I	No						
2E0P393	RAA4-F36 (6 - 15)	5/14/2002	Soil	Tier I	No						
2E0P393	RAA4-F37 (0 - 1)	5/14/2002	Soil	Tier I	No						
2E0P393	RAA4-G36 (0 - 1)	5/14/2002	Soil	Tier I	No						
2E0P393	RAA4-G36 (1 - 6)	5/14/2002	Soil	Tier I	No						
2E0P393	RAA4-G36 (6 - 15)	5/14/2002	Soil	Tier I	No						
2E0P393	RINSE BLANK-051402	5/14/2002	Water	Tier I	No						
2E0P415	RAA4-A37 (0 - 1)	5/15/2002	Soil	Tier II	No						
2E0P415	RAA4-A37 (1 - 6)	5/15/2002	Soil	Tier II	No						
2E0P415	RAA4-A37 (6 - 15)	5/15/2002	Soil	Tier II	No						
2E0P415	RAA4-B35 (0 - 1)	5/15/2002	Soil	Tier II	No						
2E0P415	RAA4-B35 (1 - 6)	5/15/2002	Soil	Tier II	No						
2E0P415	RAA4-B35 (6 - 15)	5/15/2002	Soil	Tier II	No						
2E0P415	RAA4-D36 (0 - 1)	5/15/2002	Soil	Tier II	No						
2E0P415	RAA4-D36 (1 - 6)	5/15/2002	Soil	Tier II	No						
2E0P415	RAA4-D36 (6 - 15)	5/15/2002	Soil	Tier II	No						
2E0P447	RAA4-A33 (0 - 1)	5/16/2002	Soil	Tier I	No						
2E0P447	RAA4-A33 (1 - 6)	5/16/2002	Soil	Tier I	No						
2E0P447	RAA4-A33 (6 - 15)	5/16/2002	Soil	Tier I	No						
2E0P447	RAA4-A34 (0 - 1)	5/16/2002	Soil	Tier I	No						
2E0P447	RAA4-A34 (1 - 6)	5/16/2002	Soil	Tier I	No						
2E0P447	RAA4-A34 (6 - 15)	5/16/2002	Soil	Tier I	No						
2E0P447	RAA4-A35 (0 - 1)	5/16/2002	Soil	Tier I	No						
2E0P447	RAA4-A35 (1 - 6)	5/16/2002	Soil	Tier I	No						
2E0P447	RAA4-A35 (6 - 10)	5/16/2002	Soil	Tier I	No						
2E0P447	RAA4-B33 (0 - 1)	5/16/2002	Soil	Tier I	No						
2E0P447	RAA4-DUP-3 (0 - 1)	5/16/2002	Soil	Tier I	No						RAA4-33
2E0P447	RINSE BLANK-051602	5/16/2002	Water	Tier I	No						
2E0P493	RAA4-B34 (0 - 1)	5/16/2002	Soil	Tier I	No						
2E0P493	RAA4-B34 (1 - 6)	5/16/2002	Soil	Tier I	No						
2E0P493	RAA4-B34 (6 - 15)	5/16/2002	Soil	Tier I	No						
2E0P493	RAA4-C34 (0 - 1)	5/17/2002	Soil	Tier I	No						
2E0P493	RAA4-C34 (1 - 6)	5/17/2002	Soil	Tier I	No						

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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 (continued)											
2E0P493	RAA4-C34 (6 - 15)	5/17/2002	Soil	Tier I	No						
2E0P493	RAA4-C35 (0 - 1)	5/17/2002	Soil	Tier I	No						
2E0P493	RAA4-C35 (1 - 6)	5/17/2002	Soil	Tier I	No						
2E0P493	RAA4-C35 (6 - 15)	5/17/2002	Soil	Tier I	No						
2E0P493	RAA4-E35 (0 - 1)	5/17/2002	Soil	Tier I	No						
2E0P493	RAA4-E35 (1 - 6)	5/17/2002	Soil	Tier I	No						
2E0P493	RAA4-E35 (6 - 15)	5/17/2002	Soil	Tier I	No						
2E0P540	RAA4-B29 (0 - 1)	5/20/2002	Soil	Tier I	No						
2E0P540	RAA4-H29 (1 - 6)	5/20/2002	Soil	Tier I	No						
2E0P540	RAA4-B29 (6 - 15)	5/20/2002	Soil	Tier I	No						
2E0P540	RAA4-B31 (0 - 1)	5/20/2002	Soil	Tier I	No						
2E0P540	RAA4-B31 (1 - 6)	5/20/2002	Soil	Tier I	No						
2E0P540	RAA4-B31 (6 - 15)	5/20/2002	Soil	Tier I	No						
2E0P540	RAA4-C31 (0 - 1)	5/20/2002	Soil	Tier I	No						
2E0P540	RAA4-C31 (1 - 6)	5/20/2002	Soil	Tier I	No						
2E0P540	RAA4-C31 (6 - 15)	5/20/2002	Soil	Tier I	No						
2E0P540	RAA4-C33 (0 - 1)	5/20/2002	Soil	Tier I	No						
2E0P540	RAA4-C33 (1 - 6)	5/20/2002	Soil	Tier I	No						
2E0P540	RAA4-C33 (6 - 15)	5/20/2002	Soil	Tier I	No						
2E0P554	RAA4-C29 (0 - 1)	5/21/2002	Soil	Tier II	No						
2E0P554	RAA4-C29 (1 - 6)	5/21/2002	Soil	Tier II	No						
2E0P554	RAA4-C29 (6 - 15)	5/21/2002	Soil	Tier II	Yes	Aroclor-1254	MSD %R	39.0%	50% to 130%	0.12 J	
						Total PCBs	MSD %R	39.0%	50% to 130%	0.12 J	
2E0P554	RAA4-D27 (0 - 1)	5/21/2002	Soil	Tier II	No						
2E0P554	RAA4-D27 (1 - 6)	5/21/2002	Soil	Tier II	No						
2E0P554	RAA4-D27 (6 - 15)	5/21/2002	Soil	Tier II	No						
2E0P554	RAA4-D31 (1 - 6)	5/21/2002	Soil	Tier II	No						
2E0P554	RAA4-D31 (6 - 15)	5/21/2002	Soil	Tier II	No						
2E0P554	RAA4-D33 (0 - 1)	5/21/2002	Soil	Tier II	No						
2E0P554	RAA4-D33 (1 - 6)	5/21/2002	Soil	Tier II	No						
2E0P554	RAA4-D33 (6 - 15)	5/21/2002	Soil	Tier II	No						
2E0P554	RAA4-DUP-3 (0 - 1)	5/21/2002	Soil	Tier II	No						RAA4-C29
2E0P554	RAA4-E29 (6 - 15)	5/21/2002	Soil	Tier II	No						
2E0P554	RINSE BLANK-052102	5/21/2002	Water	Tier II	No						
2E0P595	RAA4-DUP-4 (0 - 1)	5/22/2002	Soil	Tier II	No						RAA4-F27
2E0P595	RAA4-DUP-5 (0 - 1)	5/22/2002	Soil	Tier II	No						RAA4-F29
2E0P595	RAA4-F27 (0 - 1)	5/22/2002	Soil	Tier II	No						
2E0P595	RAA4-F27 (1 - 6)	5/22/2002	Soil	Tier II	No						
2E0P595	RAA4-F27 (6 - 15)	5/22/2002	Soil	Tier II	No						
2E0P595	RAA4-F29 (0 - 1)	5/22/2002	Soil	Tier II	No						
2E0P595	RAA4-F29 (1 - 6)	5/22/2002	Soil	Tier II	No						
2E0P595	RAA4-F29 (6 - 15)	5/22/2002	Soil	Tier II	No						
2E0P595	RAA4-F31 (0 - 1)	5/22/2002	Soil	Tier II	No						
2E0P595	RAA4-F31 (1 - 6)	5/22/2002	Soil	Tier II	No						
2E0P595	RAA4-F31 (6 - 15)	5/22/2002	Soil	Tier II	No						
2E0P595	RAA4-G27 (0 - 1)	5/22/2002	Soil	Tier II	No						
2E0P595	RAA4-G27 (1 - 6)	5/22/2002	Soil	Tier II	No						
2E0P595	RAA4-G27 (6 - 15)	5/22/2002	Soil	Tier II	No						
2E0P595	RAA4-H29 (0 - 1)	5/22/2002	Soil	Tier II	No						
2E0P595	RAA4-H29 (1 - 6)	5/22/2002	Soil	Tier II	No						
2E0P595	RAA4-H29 (6 - 15)	5/22/2002	Soil	Tier II	No						
2E0P596	E2-64G-19	5/22/2002	Water	Tier II	No						
2E0P596	E2-64G-23	5/22/2002	Water	Tier II	No						
2E0P596	E2-64G-27	5/22/2002	Water	Tier II	No						
2E0P596	E2-64G-31	5/22/2002	Water	Tier II	No						
2E0P710	RAA4-F33 (0 - 1)	5/28/2002	Soil	Tier II	No						
2E0P710	RAA4-F33 (1 - 6)	5/28/2002	Soil	Tier II	No						
2E0P710	RAA4-F33 (6 - 15)	5/28/2002	Soil	Tier II	No						
2E0P710	RAA4-F34 (0 - 1)	5/28/2002	Soil	Tier II	No						

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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 (continued)											
2E0P710	RAA4-F34 (1 - 6)	5/28/2002	Soil	Tier II	No						
2E0P710	RAA4-F34 (6 - 15)	5/28/2002	Soil	Tier II	No						
2E0P710	RAA4-F35 (0 - 1)	5/28/2002	Soil	Tier II	No						
2E0P710	RAA4-F35 (1 - 6)	5/28/2002	Soil	Tier II	No						
2E0P710	RAA4-F35 (6 - 15)	5/28/2002	Soil	Tier II	No						
2E0P710	RINSE BLANK-052802-1	5/28/2002	Water	Tier II	No						
2E0P721	RAA4-DUP-6 (6 - 15)	5/29/2002	Soil	Tier I	No						RAA4-M27
2E0P721	RAA4-I31 (0 - 1)	5/29/2002	Soil	Tier I	No						
2E0P721	RAA4-I31 (1 - 6)	5/29/2002	Soil	Tier I	No						
2E0P721	RAA4-I31 (6 - 15)	5/29/2002	Soil	Tier I	No						
2E0P721	RAA4-K29 (0 - 1)	5/29/2002	Soil	Tier I	No						
2E0P721	RAA4-K29 (1 - 3)	5/29/2002	Soil	Tier I	No						
2E0P721	RAA4-K29 (3 - 6)	5/29/2002	Soil	Tier I	No						
2E0P721	RAA4-K29 (6 - 15)	5/29/2002	Soil	Tier I	No						
2E0P721	RAA4-M27 (0 - 1)	5/29/2002	Soil	Tier I	No						
2E0P721	RAA4-M27 (1 - 3)	5/29/2002	Soil	Tier I	No						
2E0P721	RAA4-M27 (3 - 6)	5/29/2002	Soil	Tier I	No						
2E0P721	RAA4-M27 (6 - 15)	5/29/2002	Soil	Tier I	No						
2E0P721	RINSE BLANK-052902-01	5/29/2002	Water	Tier I	No						
2E0P759	RAA4-D21 (0 - 1)	5/30/2002	Soil	Tier II	No						
2E0P759	RAA4-D21 (1 - 6)	5/30/2002	Soil	Tier II	No						
2E0P759	RAA4-D21 (6 - 15)	5/30/2002	Soil	Tier II	No						
2E0P759	RAA4-D23 (0 - 1)	5/30/2002	Soil	Tier II	No						
2E0P759	RAA4-D23 (1 - 6)	5/30/2002	Soil	Tier II	No						
2E0P759	RAA4-D23 (6 - 15)	5/30/2002	Soil	Tier II	No						
2E0P759	RAA4-DUP-8 (6 - 15)	5/30/2002	Soil	Tier II	No						RAA4-E21
2E0P759	RAA4-E19 (0 - 1)	5/30/2002	Soil	Tier II	No						
2E0P759	RAA4-E19 (1 - 6)	5/30/2002	Soil	Tier II	No						
2E0P759	RAA4-E19 (6 - 15)	5/30/2002	Soil	Tier II	No						
2E0P759	RAA4-E21 (0 - 1)	5/30/2002	Soil	Tier II	No						
2E0P759	RAA4-E21 (1 - 5)	5/30/2002	Soil	Tier II	No						
2E0P759	RAA4-E21 (6 - 15)	5/30/2002	Soil	Tier II	No						
2E0P759	RINSE BLANK-053002-1	5/30/2002	Water	Tier II	No						
2F0P007	64-CEP-SS-1 (0 - 1)	5/31/2002	Soil	Tier II	No						
2F0P007	64-CEP-SS-2 (1 - 2)	5/31/2002	Soil	Tier II	No						
2F0P007	64-CEP-SS-3 (2 - 3)	5/31/2002	Soil	Tier II	No						
2F0P007	64-CEP-SS-DUP-1 (1 - 2)	5/31/2002	Soil	Tier II	No						64-CEP-SS-2
2F0P007	RINSE BLANK-1	5/31/2002	Water	Tier II	No						
2F0P036	F2-641-01	6/1/2002	Solid	Tier I	No						
2F0P041	RAA4-DUP-7 (6 - 15)	6/3/2002	Soil	Tier II	No						RAA4-K25
2F0P041	RAA4-I25 (0 - 1)	6/3/2002	Soil	Tier II	No						
2F0P041	RAA4-I25 (1 - 6)	6/3/2002	Soil	Tier II	No						
2F0P041	RAA4-I25 (6 - 15)	6/3/2002	Soil	Tier II	No						
2F0P041	RAA4-I27 (0 - 1)	6/3/2002	Soil	Tier II	No						
2F0P041	RAA4-I27 (1 - 6)	6/3/2002	Soil	Tier II	No						
2F0P041	RAA4-K21 (6 - 15)	6/3/2002	Soil	Tier II	No						
2F0P041	RAA4-K25 (0 - 1)	6/3/2002	Soil	Tier II	No						
2F0P041	RAA4-K25 (1 - 6)	6/3/2002	Soil	Tier II	No						
2F0P041	RAA4-K25 (6 - 15)	6/3/2002	Soil	Tier II	No						
2F0P041	RINSE BLANK-060302-1	6/3/2002	Water	Tier II	No						
2F0P041	RINSE BLANK-060302-2	6/3/2002	Water	Tier II	No						
2F0P071	RAA4-C25 (0 - 1)	6/4/2002	Soil	Tier II	No						
2F0P071	RAA4-C25 (1 - 6)	6/4/2002	Soil	Tier II	No						
2F0P071	RAA4-C25 (6 - 15)	6/4/2002	Soil	Tier II	No						
2F0P071	RAA4-D19 (0 - 1)	6/4/2002	Soil	Tier II	No						
2F0P071	RAA4-D19 (1 - 6)	6/4/2002	Soil	Tier II	No						
2F0P071	RAA4-D19 (6 - 15)	6/4/2002	Soil	Tier II	No						
2F0P071	RAA4-DUP-10 (0 - 1)	6/4/2002	Soil	Tier II	No						RAA4-E27
2F0P071	RAA4-E27 (0 - 1)	6/4/2002	Soil	Tier II	No						

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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 (continued)											
2F0P071	RAA4-E27 (1 - 6)	6/4/2002	Soil	Tier II	No						
2F0P071	RAA4-E27 (6 - 15)	6/4/2002	Soil	Tier II	No						
2F0P071	RAA4-F25 (0 - 1)	6/4/2002	Soil	Tier II	No						
2F0P071	RAA4-H21 (0 - 1)	6/4/2002	Soil	Tier II	No						
2F0P071	RAA4-H21 (1 - 6)	6/4/2002	Soil	Tier II	No						
2F0P071	RAA4-H21 (6 - 15)	6/4/2002	Soil	Tier II	No						
2F0P071	RINSE BLANK-060402-1	6/4/2002	Water	Tier II	No						
2F0P105	RAA4-C23 (0 - 1)	6/5/2002	Soil	Tier II	No						
2F0P105	RAA4-C23 (1 - 6)	6/5/2002	Soil	Tier II	Yes	Aroclor-1260	Field Duplicate RPD (Soil)	58.8%	<50%	0.022 J	
						Total PCBs	Field Duplicate RPD (Soil)	58.8%	<50%	0.033 J	
2F0P105	RAA4-C23 (6 - 15)	6/5/2002	Soil	Tier II	No						
2F0P105	RAA4 DUP 11 (1 - 6)	6/5/2002	Soil	Tier II	Yes	Aroclor-1260	Field Duplicate RPD (Soil)	58.8%	<50%	0.012 J	RAA4-C23
						Total PCBs	Field Duplicate RPD (Soil)	58.8%	<50%	0.012 J	
2F0P171	RAA4-H34 (0 - 1)	6/6/2002	Soil	Tier I	No						
2F0P171	RAA4-H34 (1 - 6)	6/6/2002	Soil	Tier I	No						
2F0P171	RAA4-H34 (6 - 15)	6/6/2002	Soil	Tier I	No						
2F0P171	RAA4-I33 (0 - 1)	6/6/2002	Soil	Tier I	No						
2F0P171	RAA4-I33 (1 - 6)	6/6/2002	Soil	Tier I	No						
2F0P171	RAA4-I33 (6 - 15)	6/6/2002	Soil	Tier I	No						
2F0P171	RAA4-I34 (0 - 1)	6/6/2002	Soil	Tier I	No						
2F0P171	RAA4-I34 (1 - 6)	6/6/2002	Soil	Tier I	No						
2F0P171	RAA4-I34 (6 - 15)	6/6/2002	Soil	Tier I	No						
2F0P171	RAA4-I35 (0 - 1)	6/6/2002	Soil	Tier I	No						
2F0P171	RAA4-I35 (1 - 6)	6/6/2002	Soil	Tier I	No						
2F0P171	RAA4-I35 (6 - 15)	6/6/2002	Soil	Tier I	No						
2F0P171	RAA4-K33 (0 - 1)	6/6/2002	Soil	Tier I	No						
2F0P171	RAA4-K33 (1 - 6)	6/6/2002	Soil	Tier I	No						
2F0P171	RAA4-K33 (6 - 15)	6/6/2002	Soil	Tier I	No						
2F0P196	RAA4-E15 (0 - 1)	6/7/2002	Soil	Tier II	No						
2F0P196	RAA4-E15 (1 - 6)	6/7/2002	Soil	Tier II	No						
2F0P196	RAA4-E15 (6 - 15)	6/7/2002	Soil	Tier II	No						
2F0P196	RAA4-E17 (6 - 15)	6/7/2002	Soil	Tier II	No						
2F0P196	RAA4-G17 (6 - 15)	6/7/2002	Soil	Tier II	No						
2F0P196	RAA4-I19 (0 - 1)	6/7/2002	Soil	Tier II	No						
2F0P196	RAA4-I19 (1 - 6)	6/7/2002	Soil	Tier II	No						
2F0P196	RAA4-I19 (6 - 15)	6/7/2002	Soil	Tier II	No						
2F0P196	RINSE BLANK-060702-1	6/7/2002	Water	Tier II	No						
2F0P222	RAA4-DUP-12 (1 - 6)	6/10/2002	Soil	Tier I	No						RAA4-H24
2F0P222	RAA4-H24 (0 - 1)	6/10/2002	Soil	Tier I	No						
2F0P222	RAA4-H24 (1 - 6)	6/10/2002	Soil	Tier I	No						
2F0P222	RAA4-H24 (6 - 15)	6/10/2002	Soil	Tier I	No						
2F0P222	RAA4-M17 (6 - 15)	6/10/2002	Soil	Tier I	No						
2F0P222	RAA4-M19 (0 - 1)	6/10/2002	Soil	Tier I	No						
2F0P222	RAA4-M19 (1 - 3)	6/10/2002	Soil	Tier I	No						
2F0P222	RAA4-M19 (3 - 6)	6/10/2002	Soil	Tier I	No						
2F0P222	RAA4-M19 (6 - 15)	6/10/2002	Soil	Tier I	No						
2F0P222	RAA4-O17 (0 - 1)	6/10/2002	Soil	Tier I	No						
2F0P222	RAA4-O17 (1 - 3)	6/10/2002	Soil	Tier I	No						
2F0P222	RAA4-O17 (3 - 6)	6/10/2002	Soil	Tier I	No						
2F0P222	RAA4-O17 (6 - 15)	6/10/2002	Soil	Tier I	No						
2F0P222	RINSE BLANK-061002-1	6/10/2002	Water	Tier I	No						
2F0P257	RAA4-DUP-13 (6 - 15)	6/11/2002	Soil	Tier II	No						RAA4-K5
2F0P257	RAA4-G5 (0 - 1)	6/11/2002	Soil	Tier II	No						
2F0P257	RAA4-G5 (1 - 6)	6/11/2002	Soil	Tier II	No						
2F0P257	RAA4-G5 (6 - 15)	6/11/2002	Soil	Tier II	No						
2F0P257	RAA4-H3 (0 - 1)	6/11/2002	Soil	Tier II	No						
2F0P257	RAA4-H3 (1 - 6)	6/11/2002	Soil	Tier II	No						
2F0P257	RAA4-H3 (6 - 15)	6/11/2002	Soil	Tier II	No						
2F0P257	RAA4-K3 (0 - 1)	6/11/2002	Soil	Tier II	No						

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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 (continued)											
2F0P257	RAA4-K3 (1 - 6)	6/11/2002	Soil	Tier II	No						
2F0P257	RAA4-K3 (6 - 15)	6/11/2002	Soil	Tier II	No						
2F0P257	RAA4-K5 (0 - 1)	6/11/2002	Soil	Tier II	No						
2F0P257	RAA4-K5 (1 - 6)	6/11/2002	Soil	Tier II	No						
2F0P257	RAA4-K5 (6 - 15)	6/11/2002	Soil	Tier II	No						
2F0P257	RAA4-M3 (0 - 1)	6/11/2002	Soil	Tier II	No						
2F0P257	RAA4-M3 (1 - 6)	6/11/2002	Soil	Tier II	No						
2F0P257	RAA4-M3 (6 - 15)	6/11/2002	Soil	Tier II	No						
2F0P308	RAA4-DUP-14 (6 - 15)	6/12/2002	Soil	Tier II	No						RAA4-O5
2F0P308	RAA4-O13 (0 - 1)	6/12/2002	Soil	Tier II	No						
2F0P308	RAA4-O13 (1 - 3)	6/12/2002	Soil	Tier II	No						
2F0P308	RAA4-O13 (3 - 6)	6/12/2002	Soil	Tier II	No						
2F0P308	RAA4-O13 (6 - 15)	6/12/2002	Soil	Tier II	No						
2F0P308	RAA4-O3 (0 - 1)	6/12/2002	Soil	Tier II	No						
2F0P308	RAA4-O3 (1 - 3)	6/12/2002	Soil	Tier II	No						
2F0P308	RAA4-O3 (3 - 6)	6/12/2002	Soil	Tier II	No						
2F0P308	RAA4-O3 (6 - 15)	6/12/2002	Soil	Tier II	No						
2F0P308	RAA4-O5 (0 - 1)	6/12/2002	Soil	Tier II	No						
2F0P308	RAA4-O5 (1 - 3)	6/12/2002	Soil	Tier II	No						
2F0P308	RAA4-O5 (3 - 6)	6/12/2002	Soil	Tier II	No						
2F0P308	RAA4-O5 (6 - 15)	6/12/2002	Soil	Tier II	No						
2F0P308	RAA4-O9 (0 - 1)	6/12/2002	Soil	Tier II	No						
2F0P308	RAA4-O9 (1 - 3)	6/12/2002	Soil	Tier II	No						
2F0P308	RAA4-O9 (3 - 6)	6/12/2002	Soil	Tier II	No						
2F0P308	RAA4-O9 (6 - 15)	6/12/2002	Soil	Tier II	No						
2F0P308	RINSE BLANK-061202-1	6/12/2002	Water	Tier II	No						
2F0P355	RAA4-DUP-15 (1 - 6)	6/13/2002	Soil	Tier II	No						RAA4-H7
2F0P355	RAA4-H7 (0 - 1)	6/13/2002	Soil	Tier II	No						
2F0P355	RAA4-H7 (1 - 6)	6/13/2002	Soil	Tier II	No						
2F0P355	RAA4-H7 (6 - 15)	6/13/2002	Soil	Tier II	No						
2F0P355	RAA4-K19 (0 - 1)	6/13/2002	Soil	Tier II	No						
2F0P355	RAA4-K19 (6 - 15)	6/13/2002	Soil	Tier II	Yes	Aroclor-1016	Surrogate Recovery	26.0%, 21.0%	50% to 150%, 27% to 132%	ND(0.041) J	
						Aroclor-1221	Surrogate Recovery	26.0%, 21.0%	50% to 150%, 27% to 132%	ND(0.041) J	
						Aroclor-1232	Surrogate Recovery	26.0%, 21.0%	50% to 150%, 27% to 132%	ND(0.041) J	
						Aroclor-1242	Surrogate Recovery	26.0%, 21.0%	50% to 150%, 27% to 132%	ND(0.041) J	
						Aroclor-1248	Surrogate Recovery	26.0%, 21.0%	50% to 150%, 27% to 132%	ND(0.041) J	
						Aroclor-1254	Surrogate Recovery	26.0%, 21.0%	50% to 150%, 27% to 132%	0.035 J	
						Aroclor-1254	MS %R	10.0%	50% to 130%	0.035 J	
						Aroclor-1254	MSD %R	25.0%	50% to 130%	0.035 J	
						Aroclor-1254	MS/MSD RPD	86.0%	<40%	0.035 J	
						Aroclor-1260	Surrogate Recovery	26.0%, 21.0%	50% to 150%, 27% to 137%	0.024 J	
						Total PCBs	Surrogate Recovery	26.0%, 21.0%	50% to 150%, 27% to 137%	0.059 J	
						Total PCBs	MS %R	10.0%	50% to 130%	0.059 J	
						Total PCBs	MSD %R	25.0%	50% to 130%	0.059 J	
						Total PCBs	MS/MSD RPD	86.0%	<40%	0.059 J	
2F0P355	RAA4-L8 (0 - 1)	6/13/2002	Soil	Tier II	No						
2F0P355	RAA4-L8 (1 - 6)	6/13/2002	Soil	Tier II	No						
2F0P355	RAA4-L8 (6 - 15)	6/13/2002	Soil	Tier II	No						
2F0P355	RAA4-M21 (0 - 1)	6/13/2002	Soil	Tier II	No						
2F0P355	RAA4-M21 (1 - 3)	6/13/2002	Soil	Tier II	No						
2F0P355	RAA4-M21 (3 - 6)	6/13/2002	Soil	Tier II	No						
2F0P355	RAA4-M21 (6 - 15)	6/13/2002	Soil	Tier II	No						
2F0P355	RINSE BLANK-061302-1	6/13/2002	Water	Tier II	No						
2F0P391	RAA4-DUP-16 (6 - 15)	6/14/2002	Soil	Tier II	No						RAA4-M23
2F0P391	RAA4-H17 (0 - 1)	6/14/2002	Soil	Tier II	No						
2F0P391	RAA4-H17 (6 - 15)	6/14/2002	Soil	Tier II	No						
2F0P391	RAA4-M23 (0 - 1)	6/14/2002	Soil	Tier II	No						
2F0P391	RAA4-M23 (1 - 3)	6/14/2002	Soil	Tier II	No						
2F0P391	RAA4-M23 (3 - 6)	6/14/2002	Soil	Tier II	No						

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EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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 (continued)											
2F0P391	RAA4-M23 (6 - 15)	6/14/2002	Soil	Tier II	No						
2F0P391	RAA4-O15 (0 - 1)	6/14/2002	Soil	Tier II	No						
2F0P391	RAA4-O15 (1 - 3)	6/14/2002	Soil	Tier II	No						
2F0P391	RAA4-O15 (3 - 6)	6/14/2002	Soil	Tier II	No						
2F0P391	RAA4-O15 (6 - 15)	6/14/2002	Soil	Tier II	No						
2F0P391	RAA4-O25 (6 - 15)	6/14/2002	Soil	Tier II	No						
2F0P391	RINSE BLANK-061402-1	6/14/2002	Water	Tier II	No						
2F0P416	RAA4-DUP-16 (6 - 15)	6/17/2002	Soil	Tier II	No						RAA4-K27
2F0P416	RAA4-I9 (0 - 1)	6/17/2002	Soil	Tier II	No						
2F0P416	RAA4-I9 (1 - 6)	6/17/2002	Soil	Tier II	No						
2F0P416	RAA4-I9 (6 - 15)	6/17/2002	Soil	Tier II	No						
2F0P416	RAA4-K27 (0 - 1)	6/17/2002	Soil	Tier II	No						
2F0P416	RAA4-K27 (1 - 3)	6/17/2002	Soil	Tier II	No						
2F0P416	RAA4-K27 (3 - 6)	6/17/2002	Soil	Tier II	No						
2F0P416	RAA4-K27 (6 - 15)	6/17/2002	Soil	Tier II	No						
2F0P416	RAA4-K31 (0 - 1)	6/17/2002	Soil	Tier II	No						
2F0P416	RAA4-K31 (1 - 3)	6/17/2002	Soil	Tier II	No						
2F0P416	RAA4-K31 (3 - 6)	6/17/2002	Soil	Tier II	No						
2F0P416	RAA4-K31 (6 - 15)	6/17/2002	Soil	Tier II	No						
2F0P416	RINSE BLANK 061702-1	6/17/2002	Water	Tier II	No						
2F0P440	RAA4-M29 (0 - 1)	6/18/2002	Soil	Tier I	No						
2F0P440	RAA4-M29 (1 - 3)	6/18/2002	Soil	Tier I	No						
2F0P440	RAA4-M29 (3 - 6)	6/18/2002	Soil	Tier I	No						
2F0P440	RAA4-Q6 (0 - 1)	6/18/2002	Soil	Tier I	No						
2F0P440	RAA4-Q6 (1 - 3)	6/18/2002	Soil	Tier I	No						
2F0P440	RAA4-Q6 (3 - 6)	6/18/2002	Soil	Tier I	No						
2F0P440	RAA4-Q8 (6 - 15)	6/18/2002	Soil	Tier I	No						
2F0P514	RAA4-DUP-20 (0 - 1)	6/20/2002	Soil	Tier II	Yes	Aroclor-1260	Field Duplicate RPD (Soil)	72.0%	<50%	3.4 J	RAA4-H33
						Total PCBs	Field Duplicate RPD (Soil)	72.0%	<50%	6.3 J	
2F0P514	RAA4-G33 (0 - 1)	6/20/2002	Soil	Tier II	No						
2F0P514	RAA4-G33 (1 - 6)	6/20/2002	Soil	Tier II	No						
2F0P514	RAA4-G33 (6 - 15)	6/20/2002	Soil	Tier II	No						
2F0P514	RAA4-H31 (0 - 1)	6/20/2002	Soil	Tier II	No						
2F0P514	RAA4-H31 (1 - 6)	6/20/2002	Soil	Tier II	No						
2F0P514	RAA4-H31 (6 - 15)	6/20/2002	Soil	Tier II	No						
2F0P514	RAA4-H33 (0 - 1)	6/20/2002	Soil	Tier II	Yes	Aroclor-1260	Field Duplicate RPD (Soil)	72.0%	<50%	1.6 J	
						Total PCBs	Field Duplicate RPD (Soil)	72.0%	<50%	2.9 J	
2F0P514	RAA4-H33 (1 - 6)	6/20/2002	Soil	Tier II	No						
2F0P514	RAA4-H33 (6 - 15)	6/20/2002	Soil	Tier II	No						
2F0P514	RINSE BLANK-062002-1	6/20/2002	Water	Tier II	No						
2F0P570	RAA4-E33 (0 - 1)	6/24/2002	Soil	Tier I	No						
2F0P570	RAA4-E33 (1 - 6)	6/24/2002	Soil	Tier I	No						
2F0P570	RAA4-E33 (6 - 15)	6/24/2002	Soil	Tier I	No						
2F0P570	RAA4-G31 (0 - 1)	6/24/2002	Soil	Tier I	No						
2F0P570	RAA4-G31 (1 - 6)	6/24/2002	Soil	Tier I	No						
2F0P570	RAA4-G31 (6 - 15)	6/24/2002	Soil	Tier I	No						
2F0P570	RAA4-G34 (0 - 1)	6/24/2002	Soil	Tier I	No						
2F0P570	RAA4-G34 (1 - 6)	6/24/2002	Soil	Tier I	No						
2F0P570	RAA4-G34 (6 - 15)	6/24/2002	Soil	Tier I	No						
2F0P570	RAA4-G35 (0 - 1)	6/24/2002	Soil	Tier I	No						
2F0P570	RAA4-G35 (1 - 6)	6/24/2002	Soil	Tier I	No						
2F0P570	RAA4-G35 (6 - 15)	6/24/2002	Soil	Tier I	No						
2F0P570	RAA4-I3 (0 - 1)	6/24/2002	Soil	Tier I	No						
2F0P570	RAA4-I3 (1 - 6)	6/24/2002	Soil	Tier I	No						
2F0P570	RAA4-I3 (6 - 15)	6/24/2002	Soil	Tier I	No						
2F0P590	RAA4-I11 (1 - 6)	6/25/2002	Soil	Tier I	No						
2F0P590	RAA4-I11 (6 - 15)	6/25/2002	Soil	Tier I	No						
2F0P590	RAA4-I30 (0 - 1)	6/25/2002	Soil	Tier I	No						
2F0P590	RAA4-J28 (0 - 1)	6/25/2002	Soil	Tier I	No						

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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 (continued)											
2F0P590	RAA4-J29 (0 - 1)	6/25/2002	Soil	Tier I	No						
2F0P590	RAA4-J30 (0 - 1)	6/25/2002	Soil	Tier I	No						
2F0P590	RAA4-J31 (0 - 1)	6/25/2002	Soil	Tier I	No						
2F0P590	RAA4-K28 (0 - 1)	6/25/2002	Soil	Tier I	No						
2F0P590	RAA4-L27 (0 - 1)	6/25/2002	Soil	Tier I	No						
2F0P590	RAA4-L28 (0 - 1)	6/25/2002	Soil	Tier I	No						
2F0P590	RAA4-L29 (0 - 1)	6/25/2002	Soil	Tier I	No						
2F0P590	RAA4-L30 (0 - 1)	6/25/2002	Soil	Tier I	No						
2F0P590	RAA4-L31 (0 - 1)	6/25/2002	Soil	Tier I	No						
2F0P590	RAA4-M28 (0 - 1)	6/25/2002	Soil	Tier I	No						
2F0P590	RAA4-M8 (0 - 1)	6/25/2002	Soil	Tier I	No						
2F0P590	RAA4-N8 (0 - 1)	6/25/2002	Soil	Tier I	No						
2F0P590	RAA4-O8 (0 - 1)	6/25/2002	Soil	Tier I	No						
2F0P590	RAA4-P2 (0 - 1)	6/25/2002	Soil	Tier I	No						
2F0P590	RAA4-P8 (0 - 1)	6/25/2002	Soil	Tier I	No						
2F0P590	RINSE BLANK-062502-1	6/25/2002	Water	Tier I	No						
2F0P624	RAA4-DUP-21 (0 - 1)	6/26/2002	Soil	Tier II	No						RAA4-R4
2F0P624	RAA4-M14 (0 - 1)	6/26/2002	Soil	Tier II	No						
2F0P624	RAA4-N16 (0 - 1)	6/26/2002	Soil	Tier II	No						
2F0P624	RAA4-N5 (0 - 1)	6/26/2002	Soil	Tier II	No						
2F0P624	RAA4-O14 (0 - 1)	6/26/2002	Soil	Tier II	No						
2F0P624	RAA4-O16 (0 - 1)	6/26/2002	Soil	Tier II	No						
2F0P624	RAA4-O4 (0 - 1)	6/26/2002	Soil	Tier II	No						
2F0P624	RAA4-P14 (0 - 1)	6/26/2002	Soil	Tier II	No						
2F0P624	RAA4-P6 (0 - 1)	6/26/2002	Soil	Tier II	No						
2F0P624	RAA4-Q4 (0 - 1)	6/26/2002	Soil	Tier II	No						
2F0P624	RAA4-Q8 (0 - 1)	6/26/2002	Soil	Tier II	No						
2F0P624	RAA4-Q9 (0 - 1)	6/26/2002	Soil	Tier II	No						
2F0P624	RAA4-R4 (0 - 1)	6/26/2002	Soil	Tier II	No						
2F0P624	RAA4-R5 (0 - 1)	6/26/2002	Soil	Tier II	No						
2F0P624	RINSE BLANK-062602-1	6/26/2002	Water	Tier II	No						
2F0P662	RAA4-O19 (0 - 1)	6/27/2002	Soil	Tier I	No						
2F0P662	RAA4-O19 (1 - 3)	6/27/2002	Soil	Tier I	No						
2F0P662	RAA4-O19 (3 - 6)	6/27/2002	Soil	Tier I	No						
2F0P662	RAA4-O19 (6 - 15)	6/27/2002	Soil	Tier I	No						
2F0P662	RAA4-Q05 (0 - 1)	6/27/2002	Soil	Tier I	No						
2F0P662	RAA4-Q05 (1 - 3)	6/27/2002	Soil	Tier I	No						
2F0P662	RAA4-Q05 (3 - 6)	6/27/2002	Soil	Tier I	No						
2F0P662	RAA4-Q05 (6 - 15)	6/27/2002	Soil	Tier I	No						
2F0P700	RAA4-G11 (0 - 1)	6/28/2002	Soil	Tier I	No						
2F0P700	RAA4-G11 (1 - 6)	6/28/2002	Soil	Tier I	No						
2F0P700	RAA4-G11 (6 - 15)	6/28/2002	Soil	Tier I	No						
2F0P700	RAA4-M13 (0 - 1)	6/28/2002	Soil	Tier I	No						
2F0P700	RAA4-M13 (1 - 3)	6/28/2002	Soil	Tier I	No						
2F0P700	RAA4-M13 (3 - 6)	6/28/2002	Soil	Tier I	No						
2F0P700	RAA4-M13 (6 - 15)	6/28/2002	Soil	Tier I	No						
2F0P700	RAA4-Q3 (0 - 1)	6/28/2002	Soil	Tier I	No						
2F0P700	RAA4-Q3 (1 - 3)	6/28/2002	Soil	Tier I	No						
2F0P700	RAA4-Q3 (3 - 6)	6/28/2002	Soil	Tier I	No						
2F0P700	RAA4-Q3 (6 - 15)	6/28/2002	Soil	Tier I	No						
2G0P048	RAA4-DUP-22 (1 - 3)	7/2/2002	Soil	Tier I	No						RAA4-M9
2G0P048	RAA4-DUP-23 (1 - 3)	7/2/2002	Soil	Tier I	No						RAA4-O11
2G0P048	RAA4-G7 (0 - 1)	7/2/2002	Soil	Tier I	No						
2G0P048	RAA4-G7 (1 - 6)	7/2/2002	Soil	Tier I	No						
2G0P048	RAA4-G7 (6 - 15)	7/2/2002	Soil	Tier I	No						
2G0P048	RAA4-I13 (6 - 15)	7/2/2002	Soil	Tier I	No						
2G0P048	RAA4-K11 (0 - 1)	7/2/2002	Soil	Tier I	No						
2G0P048	RAA4-K11 (1 - 6)	7/2/2002	Soil	Tier I	No						
2G0P048	RAA4-K11 (6 - 15)	7/2/2002	Soil	Tier I	No						

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EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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 (continued)											
2G0P048	RAA4-M11 (0 - 1)	7/2/2002	Soil	Tier I	No						
2G0P048	RAA4-M11 (1 - 3)	7/2/2002	Soil	Tier I	No						
2G0P048	RAA4-M11 (3 - 6)	7/2/2002	Soil	Tier I	No						
2G0P048	RAA4-M11 (6 - 15)	7/2/2002	Soil	Tier I	No						
2G0P048	RAA4-M9 (0 - 1)	7/2/2002	Soil	Tier I	No						
2G0P048	RAA4-M9 (1 - 3)	7/2/2002	Soil	Tier I	No						
2G0P048	RAA4-M9 (3 - 6)	7/2/2002	Soil	Tier I	No						
2G0P048	RAA4-M9 (6 - 15)	7/2/2002	Soil	Tier I	No						
2G0P048	RAA4-O11 (0 - 1)	7/2/2002	Soil	Tier I	No						
2G0P048	RAA4-O11 (1 - 3)	7/2/2002	Soil	Tier I	No						
2G0P048	RAA4-O11 (3 - 6)	7/2/2002	Soil	Tier I	No						
2G0P048	RAA4-O11 (6 - 15)	7/2/2002	Soil	Tier I	No						
2G0P048	RINSE BLANK-070202-1	7/2/2002	Water	Tier I	No						
2G0P048	RINSE BLANK-070202-2	7/2/2002	Water	Tier I	No						
2G0P049	G2-64T 01	7/1/2002	Solid	Tier I	No						
2G0P138	RAA4-I5 (0 - 1)	7/3/2002	Soil	Tier I	No						
2G0P138	RAA4-I5 (1 - 6)	7/3/2002	Soil	Tier I	No						
2G0P138	RAA4-I5 (6 - 15)	7/3/2002	Soil	Tier I	No						
2G0P138	RAA4-M7 (0 - 1)	7/3/2002	Soil	Tier I	No						
2G0P138	RAA4-M7 (1 - 6)	7/3/2002	Soil	Tier I	No						
2G0P138	RAA4-M7 (6 - 15)	7/3/2002	Soil	Tier I	No						
2G0P138	RAA4-O7 (0 - 1)	7/3/2002	Soil	Tier I	No						
2G0P138	RAA4-O7 (1 - 3)	7/3/2002	Soil	Tier I	No						
2G0P138	RAA4-O7 (3 - 6)	7/3/2002	Soil	Tier I	No						
2G0P138	RAA4-O7 (6 - 15)	7/3/2002	Soil	Tier I	No						
2G0P138	RINSE BLANK-070302-1	7/3/2002	Water	Tier I	No						
2G0P139	RAA4-DUP-24 (1 - 6)	7/8/2002	Soil	Tier I	No						RAA4-F43
2G0P139	RAA4-F43 (0 - 1)	7/8/2002	Soil	Tier I	No						
2G0P139	RAA4-F43 (1 - 6)	7/8/2002	Soil	Tier I	No						
2G0P139	RAA4-F43 (6 - 15)	7/8/2002	Soil	Tier I	No						
2G0P139	RAA4-G14 (0 - 1)	7/8/2002	Soil	Tier I	No						
2G0P139	RAA4-G14 (1 - 6)	7/8/2002	Soil	Tier I	No						
2G0P139	RAA4-G14 (6 - 12)	7/8/2002	Soil	Tier I	No						
2G0P139	RAA4-M15 (0 - 1)	7/8/2002	Soil	Tier I	No						
2G0P139	RAA4-M15 (1 - 3)	7/8/2002	Soil	Tier I	No						
2G0P139	RAA4-M15 (3 - 6)	7/8/2002	Soil	Tier I	No						
2G0P139	RAA4-M15 (6 - 15)	7/8/2002	Soil	Tier I	No						
2G0P139	RAA4-M16 (0 - 1)	7/8/2002	Soil	Tier I	No						
2G0P139	RAA4-P3 (0 - 1)	7/8/2002	Soil	Tier I	No						
2G0P210	G2-64G-05	7/10/2002	Water	Tier II	No						
2G0P210	G2-64G-07	7/10/2002	Water	Tier II	No						
2G0P210	G2-64G-11	7/10/2002	Water	Tier II	No						
2G0P210	G2-64G-15	7/10/2002	Water	Tier II	No						
2J0P577	RAA4-DUP-25 (1 - 6)	10/18/2002	Soil	Tier I	No						RAA4-H27
2J0P577	RAA4-F21 (6 - 15)	10/18/2002	Soil	Tier I	No						
2J0P577	RAA4-F25 (1 - 6)	10/18/2002	Soil	Tier I	No						
2J0P577	RAA4-F25 (6 - 15)	10/18/2002	Soil	Tier I	No						
2J0P577	RAA4-H27 (1 - 6)	10/18/2002	Soil	Tier I	No						
2J0P577	RAA4-H27 (6 - 15)	10/18/2002	Soil	Tier I	No						
2J0P577	RAA4-I27 (6 - 15)	10/18/2002	Soil	Tier I	No						
2J0P577	RB-101802-1 (0 - 0)	10/18/2002	Water	Tier I	No						
Metals											
2D0P611	RAA4-C27 (0 - 1)	4/22/2002	Soil	Tier II	Yes	Mercury	CRDL Standard %R	52.0%	80% to 120%	0.230 J	
						Thallium	CRDL Standard %R	0.796	80% to 120%	ND(1.10) J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2D0P611	RAA4-F39 (0 - 1)	4/22/2002	Soil	Tier II	Yes	Mercury	CRDL Standard %R	52.0%	80% to 120%	0.868 J	
						Thallium	CRDL Standard %R	79.6%	80% to 120%	ND(1.10) J	
2D0P611	RAA4-I21 (0 - 1)	4/22/2002	Soil	Tier II	Yes	Mercury	CRDL Standard %R	52.0%	80% to 120%	0.340 J	
						Thallium	CRDL Standard %R	79.6%	80% to 120%	ND(1.20) J	
2D0P611	RAA4-K30 (0 - 1)	4/22/2002	Soil	Tier II	Yes	Mercury	CRDL Standard %R	52.0%	80% to 120%	0.140 J	
						Thallium	CRDL Standard %R	79.6%	80% to 120%	ND(1.10) J	
2D0P611	RAA4-M30 (0 - 1)	4/22/2002	Soil	Tier II	Yes	Mercury	CRDL Standard %R	52.0%	80% to 120%	0.024 J	
						Thallium	CRDL Standard %R	79.6%	80% to 120%	ND(1.00) J	
2D0P633	RAA4-D29 (0 - 1)	4/23/2002	Soil	Tier II	Yes	Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(14.0)	
2D0P633	RAA4-D34 (0 - 1)	4/23/2002	Soil	Tier II	Yes	Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
2D0P633	RAA4-D34 (6 - 15)	4/23/2002	Soil	Tier II	Yes	Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.20) J	
2D0P633	RAA4-E36 (0 - 1)	4/23/2002	Soil	Tier II	Yes	Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
2D0P633	RAA4-G38 (0 - 1)	4/23/2002	Soil	Tier II	Yes	Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(12.0)	
2D0P633	RAA4-G38 (1 - 6)	4/23/2002	Soil	Tier II	Yes	Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.10) J	
2D0P633	RAA4-H35 (0 - 1)	4/23/2002	Soil	Tier II	Yes	Thallium	CRDL Standard %R	127.1%	80% to 120%	ND(1.10) J	
2D0P666	RAA4-42402-1	4/24/2002	Water	Tier II	Yes	Selenium	CRDL Standard %R	68.0%	80% to 120%	ND(0.00500) J	
						Thallium	CRDL Standard %R	127.0%	80% to 120%	ND(0.0100) J	
						Zinc	CRDL Standard %R	78.6%	80% to 120%	ND(0.0200) J	
2D0P668	RAA4-D25 (0 - 1)	4/24/2002	Soil	Tier II	Yes	Lead	CCV %R	86.4%	90% to 110%	14.0 J	
						Selenium	CRDL Standard %R	68.0%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	127.0%	80% to 120%	ND(1.00) J	
2D0P669	RAA4-E23 (0 - 1)	4/24/2002	Soil	Tier II	Yes	Lead	CCV %R	86.4%	90% to 110%	57.0 J	
						Selenium	CRDL Standard %R	68.0%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	127.0%	80% to 120%	ND(1.00) J	
						Tin	Method Blank	-	-	ND(10.0)	
2D0P666	RAA4-E31 (0 - 1)	4/24/2002	Soil	Tier II	Yes	Lead	CCV %R	86.4%	90% to 110%	74.0 J	
						Selenium	CRDL Standard %R	68.0%	80% to 120%	0.513 J	
						Thallium	CRDL Standard %R	127.0%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
2D0P666	RAA4-E31 (1 - 6)	4/24/2002	Soil	Tier II	Yes	Lead	CCV %R	86.4%	90% to 110%	16.0 J	
						Selenium	CRDL Standard %R	68.0%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	127.0%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(4.00)	
2D0P666	RAA4-F41 (0 - 1)	4/24/2002	Soil	Tier II	Yes	Lead	CCV %R	86.4%	90% to 110%	36.0 J	
						Selenium	CRDL Standard %R	68.0%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	127.0%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
2D0P697	RAA4-DUP-1 (6 - 15)	4/25/2002	Soil	Tier II	Yes	Antimony	MS %R	66.0%	75% to 125%	1.70 J	RAA4-I23
						Arsenic	MS/MSD RPD	98.0%	<20%	7.90 J	
						Barium	MS/MSD RPD	71.0%	<20%	44.0 J	
						Lead	MS/MSD RPD	38.0%	<20%	74.0 J	
						Nickel	MS/MSD RPD	42.0%	<20%	14.0 J	
						Selenium	MS %R	74.0%	75% to 125%	ND(1.00) J	
						Thallium	CRDL Standard %R	71.0%	80% to 120%	ND(1.30) J	
						Tin	Method Blank	-	-	ND(16.0)	
						Vanadium	MS/MSD RPD	38.0%	<20%	8.40 J	
						Zinc	MS %R	1.33	75% to 125%	130 J	

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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)											
2D0P697	RAA4-I15 (0 - 1)	4/25/2002	Soil	Tier II	Yes	Antimony	MS %R	66.0%	75% to 125%	5.60 J	
						Arsenic	MS/MSD RPD	98.0%	<20%	25.0 J	
						Barium	MS/MSD RPD	71.0%	<20%	23.0 J	
						Lead	MS/MSD RPD	38.0%	<20%	50.0 J	
						Nickel	MS/MSD RPD	42.0%	<20%	19.0 J	
						Selenium	MS %R	74.0%	75% to 125%	ND(1.50) J	
						Thallium	CRDL Standard %R	71.0%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
						Vanadium	MS/MSD RPD	38.0%	<20%	9.30 J	
						Zinc	MS %R	133.0%	75% to 125%	130 J	
2D0P697	RAA4-I23 (0 - 1)	4/25/2002	Soil	Tier II	Yes	Antimony	MS %R	66.0%	75% to 125%	1.60 J	
						Arsenic	MS/MSD RPD	98.0%	<20%	8.20 J	
						Barium	MS/MSD RPD	71.0%	<20%	57.0 J	
						Lead	MS/MSD RPD	38.0%	<20%	42.0 J	
						Nickel	MS/MSD RPD	42.0%	<20%	16.0 J	
						Selenium	MS %R	74.0%	75% to 125%	ND(1.00) J	
						Thallium	CRDL Standard %R	71.0%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
						Vanadium	MS/MSD RPD	38.0%	<20%	10.0 J	
						Zinc	MS %R	133.0%	75% to 125%	98.0 J	
2D0P697	RAA4-I23 (6 - 15)	4/25/2002	Soil	Tier II	Yes	Antimony	MS %R	66.0%	75% to 125%	1.50 J	
						Arsenic	MS/MSD RPD	98.0%	<20%	5.80 J	
						Barium	MS/MSD RPD	71.0%	<20%	36.0 J	
						Lead	MS/MSD RPD	38.0%	<20%	360 J	
						Nickel	MS/MSD RPD	42.0%	<20%	27.0 J	
						Selenium	MS %R	74.0%	75% to 125%	ND(1.60) J	
						Thallium	CRDL Standard %R	71.0%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(10.0)	
						Vanadium	MS/MSD RPD	38.0%	<20%	9.70 J	
						Zinc	MS %R	133.0%	75% to 125%	260 J	
2D0P697	RAA4-K23 (0 - 1)	4/25/2002	Soil	Tier II	Yes	Antimony	MS %R	66.0%	75% to 125%	1.20 J	
						Arsenic	MS/MSD RPD	98.0%	<20%	3.50 J	
						Barium	MS/MSD RPD	71.0%	<20%	33.0 J	
						Lead	MS/MSD RPD	38.0%	<20%	370 J	
						Nickel	MS/MSD RPD	42.0%	<20%	23.0 J	
						Selenium	MS %R	74.0%	75% to 125%	ND(1.60) J	
						Thallium	CRDL Standard %R	71.0%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
						Vanadium	MS/MSD RPD	38.0%	<20%	7.40 J	
						Zinc	MS %R	133.0%	75% to 125%	240 J	
2D0P697	RAA4-M5 (0 - 1)	4/25/2002	Soil	Tier II	Yes	Antimony	MS %R	66.0%	75% to 125%	ND(6.00) J	
						Arsenic	MS/MSD RPD	98.0%	<20%	20.0 J	
						Barium	MS/MSD RPD	71.0%	<20%	40.0 J	
						Lead	MS/MSD RPD	38.0%	<20%	40.0 J	
						Nickel	MS/MSD RPD	42.0%	<20%	15.0 J	
						Selenium	MS %R	74.0%	75% to 125%	1.50 J	
						Thallium	CRDL Standard %R	71.0%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(11.0)	
						Vanadium	MS/MSD RPD	38.0%	<20%	34.0 J	
						Zinc	MS %R	1.33	75% to 125%	66.0 J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2D0P697	RAA4-O1 (0 - 1)	4/25/2002	Soil	Tier II	Yes	Antimony	MS %R	66.0%	75% to 125%	1.40 J	
						Arsenic	MS/MSD RPD	95.0%	<20%	5.20 J	
						Barium	MS/MSD RPD	71.0%	<20%	69.0 J	
						Lead	MS/MSD RPD	38.0%	<20%	49.0 J	
						Nickel	MS/MSD RPD	42.0%	<20%	11.0 J	
						Selenium	MS %R	74.0%	75% to 125%	ND(1.07) J	
						Thallium	CRDL Standard %R	71.0%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
						Vanadium	MS/MSD RPD	38.0%	<20%	6.80 J	
						Zinc	MS %R	133.0%	75% to 125%	110 J	
2E0P358	RAA4-E40 (0 - 1)	5/13/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	78.9%	80% to 120%	ND(1.00) J	
						Tin	Method Blank	-	-	ND(4.50)	
2E0P358	RAA4-F42 (1 - 6)	5/13/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	78.9%	80% to 120%	ND(1.00) J	
						Tin	Method Blank	-	-	ND(3.70)	
2E0P393	RAA4-E38 (0 - 1)	5/14/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(3.90)	
2E0P395	RAA4-F37 (0 - 1)	5/14/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(10.0)	
2E0P393	RAA4-G36 (0 - 1)	5/14/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(4.40)	
2E0P415	RAA4-B35 (0 - 1)	5/15/2002	Soil	Tier II	Yes	Thallium	CRDL Standard %R	79.9%	80% to 120%	ND(1.30) J	
2E0P415	RAA4-C36 (0 - 1)	5/15/2002	Soil	Tier II	Yes	Thallium	CRDL Standard %R	79.9%	80% to 120%	ND(1.10) J	
						Zinc	CCAL Blank	-	-	ND(59.0)	
2E0P415	RAA4-C35 (1 - 6)	5/15/2002	Soil	Tier II	Yes	Thallium	CRDL Standard %R	79.9%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(3.30)	
2E0P447	RAA4-A33 (0 - 1)	5/15/2002	Soil	Tier II	Yes	Thallium	CRDL Standard %R	79.9%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(5.20)	
2E0P447	RAA4-A35 (0 - 1)	5/15/2002	Soil	Tier II	Yes	Thallium	CRDL Standard %R	79.9%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(4.50)	
2E0P493	RAA4-B34 (1 - 6)	5/15/2002	Soil	Tier II	Yes	Thallium	CRDL Standard %R	79.9%	80% to 120%	ND(1.30) J	
						Tin	Method Blank	-	-	ND(4.40)	
2E0P493	RAA4-E35 (0 - 1)	5/17/2002	Soil	Tier II	Yes	Thallium	CRDL Standard %R	79.9%	80% to 120%	ND(1.50) J	
2E0P540	RAA4-B29 (0 - 1)	5/20/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	79.9%	80% to 120%	ND(1.06) J	
2E0P540	RAA4-C31 (0 - 1)	5/20/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	79.9%	80% to 120%	ND(1.00) J	
2E0P540	RAA4-C33 (0 - 1)	5/20/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	79.9%	80% to 120%	ND(1.00) J	
2E0P554	RAA4-C29 (1 - 6)	5/21/2002	Soil	Tier II	Yes	Lead	CRDL Standard %R	72.7%	80% to 120%	94.0 J	
						Selenium	CRDL Standard %R	79.9%	80% to 120%	5.40 J	
						Zinc	CRDL Standard %R	79.7%	80% to 120%	54.0 J	
2E0P554	RAA4-D33 (0 - 1)	5/21/2002	Soil	Tier II	Yes	Lead	CRDL Standard %R	72.7%	80% to 120%	190 J	
						Selenium	CRDL Standard %R	79.9%	80% to 120%	0.570 J	
						Zinc	CRDL Standard %R	79.7%	80% to 120%	74.0 J	
2E0P554	RAA4-E29 (0 - 1)	5/21/2002	Soil	Tier II	Yes	Lead	CRDL Standard %R	72.7%	80% to 120%	140 J	
						Selenium	CRDL Standard %R	79.9%	80% to 120%	0.790 J	
						Zinc	CRDL Standard %R	79.7%	80% to 120%	97.0 J	
2E0P554	RINSE BLANK-052102	5/21/2002	Water	Tier II	Yes	Selenium	CRDL Standard %R	79.9%	80% to 120%	ND(0.00500) J	
						Zinc	CRDL Standard %R	79.7%	80% to 120%	ND(0.0200) J	
2E0P595	RAA4-DUP-5 (0 - 1)	5/22/2002	Soil	Tier II	Yes	Chromium	MS/MSD RPD	90.0%	<20%	16.0 J	RAA4-F29
						Copper	MS %R	162.0%	75% to 125%	97.0 J	
						Tin	Method Blank	-	-	ND(13.0)	
2E0P595	RAA4-F29 (0 - 1)	5/22/2002	Soil	Tier II	Yes	Chromium	MS/MSD RPD	90.0%	<20%	15.0 J	
						Copper	MS %R	162.0%	75% to 125%	71.0 J	
						Tin	Method Blank	-	-	ND(10.0)	
2E0P595	RAA4-G27 (0 - 1)	5/22/2002	Soil	Tier II	Yes	Chromium	MS/MSD RPD	90.0%	<20%	94.0 J	
						Copper	MS %R	162.0%	75% to 125%	130 J	
						Tin	Method Blank	-	-	ND(12.0)	
2E0P595	RAA4-H29 (0 - 1)	5/22/2002	Soil	Tier II	Yes	Chromium	MS/MSD RPD	90.0%	<20%	33.0 J	
						Copper	MS %R	162.0%	75% to 125%	190 J	
						Tin	MS %R	158.0%	75% to 125%	20.0 J	
2E0P710	RAA4-F34 (0 - 1)	5/28/2002	Soil	Tier II	Yes	Thallium	CRDL Standard %R	72.1%	80% to 120%	ND(1.30) J	
						Tin	Method Blank	-	-	ND(10.0)	
2E0P710	RAA4-F34 (1 - 6)	5/28/2002	Soil	Tier II	Yes	Thallium	CRDL Standard %R	0.721	80% to 120%	ND(1.10) J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2E0P710	RAA4-F35 (6 - 15)	5/29/2002	Soil	Tier II	Yes	Thallium	CRDL Standard %R	72.1%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(3.60)	
2E0P721	RAA4-M27 (0 - 1)	5/29/2002	Soil	Tier II	Yes	Thallium	CRDL Standard %R	72.1%	80% to 120%	ND(1.10) J	
2E0P759	RAA4-D21 (0 - 1)	5/30/2002	Soil	Tier II	Yes	Lead	CRDL Standard %R	130.7%	80% to 120%	15.0 J	
						Thallium	CRDL Standard %R	130.8%	80% to 120%	ND(1.80) J	
						Tin	Method Blank	-	-	ND(3.60)	
2E0P759	RAA4-D23 (1 - 6)	5/30/2002	Soil	Tier II	Yes	Lead	CRDL Standard %R	130.7%	80% to 120%	52.0 J	
						Thallium	CRDL Standard %R	130.8%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.6)	
2F0P041	RAA4-I25 (0 - 1)	6/3/2002	Soil	Tier II	No						
2F0P041	RAA4-K25 (0 - 1)	6/3/2002	Soil	Tier II	No						
2F0P071	RAA4-DUP-9 (0 - 1)	6/4/2002	Soil	Tier II	Yes	Antimony	MS %R	71.9%	75% to 125%	NC(8.00) J	RAA4-F21
						Arsenic	Laboratory Duplicate RPD (Soil)	36.2%	<35%	4.50 J	
						Barium	Laboratory Duplicate RPD (Soil)	112.8%	<35%	22.6 J	
						Beryllium	Laboratory Duplicate RPD (Soil)	48.6%	<35%	ND(0.500) J	
						Cadmium	Laboratory Duplicate RPD (Soil)	39.6%	<35%	ND(0.500) J	
						Chromium	Laboratory Duplicate RPD (Soil)	100.0%	<35%	5.70 J	
						Cobalt	Laboratory Duplicate RPD (Soil)	52.5%	<35%	7.60 J	
						Mercury	CRDL Standard %R	70.0%	80% to 120%	0.180 J	
						Selenium	CRDL Standard %R	139.6%	80% to 120%	ND(1.00) J	
						Tin	Method Blank	-	-	ND(3.40)	
						Zinc	Laboratory Duplicate RPD (Soil)	113.3%	<35%	41.0 J	
2F0P071	RAA4-F21 (0 - 1)	6/4/2002	Soil	Tier II	Yes	Antimony	MS %R	71.9%	75% to 125%	0.860 J	
						Arsenic	Laboratory Duplicate RPD (Soil)	36.2%	<35%	3.80 J	
						Barium	Laboratory Duplicate RPD (Soil)	112.8%	<35%	36.0 J	
						Beryllium	Laboratory Duplicate RPD (Soil)	48.6%	<35%	ND(0.500) J	
						Cadmium	Laboratory Duplicate RPD (Soil)	39.6%	<35%	ND(0.500) J	
						Chromium	Laboratory Duplicate RPD (Soil)	100.0%	<35%	9.20 J	
						Cobalt	Laboratory Duplicate RPD (Soil)	52.5%	<35%	6.90 J	
						Mercury	CRDL Standard %R	70.0%	80% to 120%	0.0700 J	
						Selenium	CRDL Standard %R	139.6%	80% to 120%	ND(1.00) J	
						Tin	Method Blank	-	-	ND(4.30)	
						Zinc	Laboratory Duplicate RPD (Soil)	113.3%	<35%	46.0 J	
2F0P071	RAA4-H21 (0 - 1)	6/4/2002	Soil	Tier II	Tier II	Antimony	MS %R	71.9%	75% to 125%	1.20 J	
						Arsenic	Laboratory Duplicate RPD (Soil)	36.2%	<35%	5.30 J	
						Barium	Laboratory Duplicate RPD (Soil)	112.8%	<35%	46.0 J	
						Beryllium	Laboratory Duplicate RPD (Soil)	48.6%	<35%	ND(0.500) J	
						Cadmium	Laboratory Duplicate RPD (Soil)	39.6%	<35%	0.610 J	
						Chromium	Laboratory Duplicate RPD (Soil)	100.0%	<35%	12.0 J	
						Cobalt	Laboratory Duplicate RPD (Soil)	52.5%	<35%	9.00 J	
						Mercury	MS %R	40.1%	75% to 125%	1.10 J	
						Selenium	CRDL Standard %R	139.6%	80% to 120%	0.640 J	
						Tin	Method Blank	-	-	ND(4.60)	
						Zinc	Laboratory Duplicate RPD (Soil)	113.3%	<35%	98.0 J	
2F0P071	RINSE BLANK-060402-1	6/4/2002	Water	Tier II	Tier II	Lead	CRDL Standard %R	500.7%	80% to 120%	ND(0.00300) J	
						Mercury	CRDL Standard %R	70.0%	80% to 120%	ND(0.000200) J	
						Selenium	CRDL Standard %R	139.6%	80% to 120%	ND(0.00500) J	
2F0P171	RAA4-H34 (1 - 6)	6/6/2002	Soil	Tier II	Yes	Chromium	CCV %R	111.7%	90% to 110%	9.50 J	
						Lead	CCV %R	122.5%	90% to 110%	20.0 J	
						Selenium	CCV %R	88.6%	90% to 110%	ND(1.00) J	
						Thallium	CCV %R	87.3%	90% to 110%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(3.70)	
						Zinc	CCV %R	85.7%	90% to 110%	48.0 J	
2F0P171	RAA4-I33 (0 - 1)	6/6/2002	Soil	Tier II	Yes	Chromium	CCV %R	111.7%	90% to 110%	9.60 J	
						Lead	CCV %R	122.5%	90% to 110%	43.0 J	
						Selenium	CCV %R	88.6%	90% to 110%	0.600 J	
						Thallium	CCV %R	87.3%	90% to 110%	ND(1.30) J	
						Tin	Method Blank	-	-	ND(4.90)	
						Zinc	CCV %R	0.857	90% to 110%	100 J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2F0P171	RAA4-I33 (6 - 15)	6/6/2002	Soil	Tier II	Yes	Chromium	CCV %R	111.7%	90% to 110%	6.40 J	
						Lead	CCV %R	122.5%	90% to 110%	6.20 J	
						Selenium	CCV %R	88.6%	90% to 110%	ND(1.00) J	
						Thallium	CCV %R	87.3%	90% to 110%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(3.30)	
						Zinc	CCV %R	85.7%	90% to 110%	36.0 J	
2F0P171	RAA4-I34 (0 - 1)	6/6/2002	Soil	Tier II	Yes	Chromium	CCV %R	111.7%	90% to 110%	6.40 J	
						Lead	CCV %R	122.5%	90% to 110%	16.0 J	
						Selenium	CCV %R	88.6%	90% to 110%	ND(1.20) J	
						Thallium	CCV %R	87.3%	90% to 110%	ND(1.60) J	
						Tin	Method Blank	-	-	ND(4.90)	
						Zinc	CCV %R	85.7%	90% to 110%	100 J	
2F0P171	RAA4-K33 (0 - 1)	6/6/2002	Soil	Tier II	Yes	Chromium	CCV %R	111.7%	90% to 110%	8.70 J	
						Lead	CCV %R	122.5%	90% to 110%	12.0 J	
						Selenium	CCV %R	88.6%	90% to 110%	ND(1.00) J	
						Thallium	CCV %R	87.3%	90% to 110%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(4.30)	
						Zinc	CCV %R	85.7%	90% to 110%	51.0 J	
2F0P196	RAA4-E15 (0 - 1)	6/7/2002	Soil	Tier II	Yes	Lead	CRDL Standard %R	122.5%	80% to 120%	4.40 J	
2F0P196	RAA4-E17 (0 - 1)	6/7/2002	Soil	Tier II	Yes	Lead	CRDL Standard %R	122.5%	80% to 120%	11.0 J	
						Tin	Method Blank	-	-	ND(3.40)	
2F0P222	RAA4-M17 (0 - 1)	6/10/2002	Soil	Tier II	Yes	Lead	CRDL Standard %R	121.0%	80% to 120%	33.0 J	
						Tin	Method Blank	-	-	ND(16.0)	
2F0P257	RAA4-G5 (0 - 1)	6/11/2002	Soil	Tier II	Yes	Cobalt	CCV %R	110.1%	90% to 110%	13.0 J	
						Selenium	CRDL Standard %R	71.1%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	132.3%	80% to 120%	ND(1.70) J	
						Tin	Method Blank	-	-	ND(10.0)	
2F0P257	RAA4-H3 (6 - 15)	6/11/2002	Soil	Tier II	Yes	Cobalt	CCV %R	110.1%	90% to 110%	8.60 J	
						Selenium	CRDL Standard %R	71.1%	80% to 120%	ND(1.00) J	
						Thallium	Method Blank	-	-	ND(1.80)	
2F0P257	RAA4-K3 (1 - 6)	6/11/2002	Soil	Tier II	Yes	Arsenic	CRDL Standard %R	69.5%	80% to 120%	1.50 J	
						Cobalt	CCV %R	110.1%	90% to 110%	9.10 J	
						Selenium	CRDL Standard %R	71.1%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	132.3%	80% to 120%	ND(1.60) J	
						Tin	Method Blank	-	-	ND(4.80)	
2F0P257	RAA4-M3 (0 - 1)	6/11/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	71.1%	80% to 120%	ND(1.00) J	
						Thallium	Method Blank	-	-	ND(2.50)	
2F0P308	RAA4-O13 (0 - 1)	6/12/2002	Soil	Tier II	Yes	Lead	CRDL Standard %R	135.2%	80% to 120%	7.10 J	
						Mercury	CRDL Standard %R	385.0%	80% to 120%	ND(0.110) J	
						Selenium	CRDL Standard %R	67.7%	80% to 120%	ND(1.00) J	
						Tin	Method Blank	-	-	ND(3.70)	
2F0P308	RAA4-O3 (1 - 3)	6/12/2002	Soil	Tier II	Yes	Lead	CRDL Standard %R	135.2%	80% to 120%	8.50 J	
						Mercury	CRDL Standard %R	385.0%	80% to 120%	ND(0.120) J	
						Selenium	CRDL Standard %R	67.7%	80% to 120%	ND(1.00) J	
2F0P308	RAA4-O5 (0 - 1)	6/12/2002	Soil	Tier II	Yes	Mercury	CRDL Standard %R	385.0%	80% to 120%	ND(0.110) J	
						Selenium	CRDL Standard %R	67.7%	80% to 120%	ND(1.00) J	
						Tin	Method Blank	-	-	ND(10.0)	
2F0P355	RAA4-DUP-15 (1 - 6)	6/13/2002	Soil	Tier II	Yes	Mercury	MS %R	52.0%	80% to 120%	ND(0.110) J	RAA4-H7
						Selenium	CRDL Standard %R	67.7%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	146.3%	80% to 120%	1.50 J	
						Tin	Method Blank	-	-	ND(10.0)	
2F0P355	RAA4-H7 (1 - 6)	6/13/2002	Soil	Tier II	Yes	Mercury	MS %R	52.0%	80% to 120%	0.280 J	
						Selenium	CRDL Standard %R	67.7%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	146.3%	80% to 120%	1.50 J	
						Tin	Method Blank	-	-	ND(10.0)	
2F0P355	RAA4-K19 (0 - 1)	6/13/2002	Soil	Tier II	Yes	Mercury	MS %R	52.0%	80% to 120%	6.00 J	
						Selenium	CRDL Standard %R	67.7%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	1.463	80% to 120%	2.50 J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2F0P355	RAA4-K19 (6 - 15)	6/13/2002	Soil	Tier II	Yes	Mercury	MS %R	52.0%	80% to 120%	ND(0.120) J	
						Selenium	CRDL Standard %R	67.7%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	146.3%	80% to 120%	1.10 J	
						Tin	Method Blank	-	-	ND(3.80)	
2F0P355	RAA4-L8 (0 - 1)	6/13/2002	Soil	Tier II	Yes	Mercury	MS %R	52.0%	80% to 120%	ND(0.110) J	
						Selenium	CRDL Standard %R	67.7%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	146.3%	80% to 120%	1.20 J	
						Tin	Method Blank	-	-	ND(10.0)	
2F0P355	RAA4-M21 (0 - 1)	6/13/2002	Soil	Tier II	Yes	Mercury	MS %R	52.0%	80% to 120%	0.280 J	
						Selenium	CRDL Standard %R	67.7%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	146.3%	80% to 120%	1.20 J	
						Tin	Method Blank	-	-	ND(15.0)	
2F0P355	RAA4-M21 (5 - 6)	6/13/2002	Soil	Tier II	Yes	Mercury	MS %R	52.0%	80% to 120%	4.40 J	
						Selenium	CRDL Standard %R	67.7%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	146.3%	80% to 120%	1.30 J	
2F0P391	RAA4-H17 (0 - 1)	6/14/2002	Soil	Tier II	Yes	Beryllium	CRDL Standard %R	77.6%	80% to 120%	ND(0.550) J	
						Selenium	CRDL Standard %R	67.7%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	146.3%	80% to 120%	3.50 J	
2F0P391	RAA4-M23 (0 - 1)	6/14/2002	Soil	Tier II	Yes	Beryllium	CRDL Standard %R	77.6%	80% to 120%	ND(0.500) J	
						Selenium	CRDL Standard %R	67.7%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	146.3%	80% to 120%	ND(1.70) J	
2F0P391	RAA4-O25 (0 - 1)	6/14/2002	Soil	Tier II	Yes	Beryllium	CRDL Standard %R	77.6%	80% to 120%	ND(0.500) J	
						Selenium	CRDL Standard %R	67.7%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	146.3%	80% to 120%	1.30 J	
2F0P391	RAA4-O25 (5 - 6)	6/14/2002	Soil	Tier II	Yes	Beryllium	CRDL Standard %R	77.6%	80% to 120%	ND(0.500) J	
						Selenium	CRDL Standard %R	67.7%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	146.3%	80% to 120%	2.40 J	
2F0P391	RINSE BLANK-061402-1	6/14/2002	Water	Tier II	No						
2F0P416	RAA4-DUP-18 (5 - 15)	6/17/2002	Soil	Tier II	Yes	Copper	MS %R	244.0%	75% to 125%	13.0 J	RAA4-K27
						Copper	MS/MSD RPD	44.0%	<20%	13.0 J	
						Mercury	CRDL Standard %R	75.0%	80% to 120%	ND(0.150) J	
						Selenium	CRDL Standard %R	135.8%	80% to 120%	ND(1.10) J	
						Thallium	MS %R	67.0%	75% to 125%	ND(2.20) J	
						Tin	Method Blank	-	-	ND(5.30)	
						Zinc	MS %R	264.0%	75% to 125%	210 J	
2F0P416	RAA4-I9 (0 - 1)	6/17/2002	Soil	Tier II	Yes	Copper	MS %R	244.0%	75% to 125%	93.0 J	
						Copper	MS/MSD RPD	44.0%	<20%	93.0 J	
						Selenium	CRDL Standard %R	135.8%	80% to 120%	ND(1.00) J	
						Thallium	MS %R	67.0%	75% to 125%	ND(1.70) J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	MS %R	264.0%	75% to 125%	370 J	
2F0P416	RAA4-K27 (1 - 3)	6/17/2002	Soil	Tier II	Yes	Copper	MS %R	244.0%	75% to 125%	360 J	
						Copper	MS/MSD RPD	44.0%	<20%	360 J	
						Selenium	CRDL Standard %R	135.8%	80% to 120%	ND(1.00) J	
						Thallium	MS %R	67.0%	75% to 125%	ND(1.70) J	
						Tin	CCV %R	112.1%	90% to 110%	28.0 J	
						Zinc	MS %R	264.0%	75% to 125%	2600 J	
2F0P416	RAA4-K27 (5 - 15)	6/17/2002	Soil	Tier II	Yes	Copper	MS %R	244.0%	75% to 125%	13.0 J	
						Copper	MS/MSD RPD	44.0%	<20%	13.0 J	
						Mercury	CRDL Standard %R	75.0%	80% to 120%	ND(0.150) J	
						Selenium	CRDL Standard %R	135.8%	80% to 120%	ND(1.10) J	
						Thallium	MS %R	67.0%	75% to 125%	ND(2.20) J	
						Tin	Method Blank	-	-	ND(5.10)	
						Zinc	MS %R	2.64	75% to 125%	120 J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2F0P416	RAA4-K31 (3 - 6)	6/17/2002	Soil	Tier II	Yes	Copper	MS %R	244.0%	75% to 125%	16.0 J	
						Copper	MS/MSD RPD	44.0%	<20%	16.0 J	
						Mercury	CRDL Standard %R	75.0%	80% to 120%	ND(0.110) J	
						Selenium	CRDL Standard %R	135.8%	80% to 120%	ND(1.00) J	
						Thallium	MS %R	67.0%	75% to 125%	ND(1.70) J	
						Tin	Method Blank	-	-	ND(3.60)	
						Zinc	MS %R	264.0%	75% to 125%	42.0 J	
2F0P416	RINSE BLANK 061702-1	6/17/2002	Water	Tier II	No						
2F0P440	RAA4-M29 (1 - 3)	6/18/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(5.50)	
2F0P440	RAA4-G6 (1 - 3)	6/18/2002	Soil	Tier II	Yes	Arsenic	CRDL Standard %R	60.6%	80% to 120%	2.40 J	
2F0P514	RAA4-D0P-20 (0 - 1)	6/20/2002	Soil	Tier II	Yes	Cadmium	Field Duplicate RPD (Soil)	55.4%	<50%	0.530 J	RAA4-H30
						Mercury	MS %R	124.0%	80% to 120%	0.610 J	
						Selenium	CRDL Standard %R	135.8%	80% to 120%	1.30 J	
						Thallium	MS %R	73.0%	75% to 125%	ND(1.90) J	
						Tin	Method Blank	-	-	ND(10.0)	
2F0P514	RAA4-G33 (8 - 15)	6/20/2002	Soil	Tier II	Yes	Cadmium	Field Duplicate RPD (Soil)	55.4%	<50%	ND(0.500) J	
						Selenium	CRDL Standard %R	135.8%	80% to 120%	ND(1.00) J	
						Thallium	MS %R	73.0%	75% to 125%	ND(1.70) J	
2F0P514	RAA4-I31 (1 - 6)	6/20/2002	Soil	Tier II	Yes	Cadmium	Field Duplicate RPD (Soil)	55.4%	<50%	ND(0.500) J	
						Selenium	CRDL Standard %R	135.8%	80% to 120%	ND(1.00) J	
						Thallium	MS %R	73.0%	75% to 125%	ND(1.70) J	
2F0P514	RAA4-I33 (0 - 1)	6/20/2002	Soil	Tier II	Yes	Cadmium	Field Duplicate RPD (Soil)	55.4%	<50%	ND(0.500) J	
						Mercury	MS %R	124.0%	80% to 120%	0.460 J	
						Selenium	CRDL Standard %R	135.8%	80% to 120%	1.20 J	
						Thallium	MS %R	73.0%	75% to 125%	ND(1.90) J	
						Tin	Method Blank	-	-	ND(10.0)	
2F0P570	RAA4-C31 (0 - 1)	6/24/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(10.0)	
2F0P570	RAA4-C34 (0 - 1)	6/24/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(10.0)	
2F0P570	RAA4-I3 (0 - 1)	6/24/2002	Soil	Tier II	No						
2F0P590	RAA4-I30 (0 - 1)	6/25/2002	Soil	Tier II	Yes	Beryllium	CRDL Standard %R	174.6%	80% to 120%	ND(0.500) J	
						Cadmium	CRDL Standard %R	179.5%	80% to 120%	0.140 J	
						Mercury	CRDL Standard %R	130.0%	80% to 120%	0.120 J	
						Selenium	CRDL Standard %R	78.4%	80% to 120%	ND(1.00) J	
						Silver	CRDL Standard %R	140.9%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	122.8%	80% to 120%	1.10 J	
						Tin	Method Blank	-	-	ND(10.0)	
2F0P590	RAA4-J28 (0 - 1)	6/25/2002	Soil	Tier II	Yes	Beryllium	CRDL Standard %R	174.6%	80% to 120%	0.140 J	
						Cadmium	CRDL Standard %R	179.5%	80% to 120%	ND(0.500) J	
						Selenium	CRDL Standard %R	78.4%	80% to 120%	ND(1.00) J	
						Silver	CRDL Standard %R	140.9%	80% to 120%	0.570 J	
						Thallium	CRDL Standard %R	122.8%	80% to 120%	1.00 J	
						Tin	Method Blank	-	-	ND(10.0)	
2F0P590	RAA4-J30 (0 - 1)	6/25/2002	Soil	Tier II	Yes	Beryllium	CRDL Standard %R	174.6%	80% to 120%	ND(0.500) J	
						Cadmium	CRDL Standard %R	179.5%	80% to 120%	ND(0.500) J	
						Mercury	CRDL Standard %R	130.0%	80% to 120%	ND(0.110) J	
						Selenium	CRDL Standard %R	78.4%	80% to 120%	ND(1.00) J	
						Silver	CRDL Standard %R	140.9%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	122.8%	80% to 120%	ND(1.70) J	
						Tin	Method Blank	-	-	ND(3.70)	
2F0P590	RAA4-L28 (0 - 1)	6/25/2002	Soil	Tier II	Yes	Beryllium	CRDL Standard %R	174.6%	80% to 120%	ND(0.500) J	
						Cadmium	CRDL Standard %R	179.5%	80% to 120%	ND(0.500) J	
						Mercury	CRDL Standard %R	130.0%	80% to 120%	ND(0.110) J	
						Selenium	CRDL Standard %R	78.4%	80% to 120%	ND(1.00) J	
						Silver	CRDL Standard %R	140.9%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	122.8%	80% to 120%	1.00 J	
						Tin	Method Blank	-	-	ND(3.80)	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2F0P500	RAA4-L31 (0 - 1)	6/25/2002	Soil	Tier II	Yes	Beryllium	CRDL Standard %R	174.6%	80% to 120%	ND(0.500) J	
						Cadmium	CRDL Standard %R	179.5%	80% to 120%	ND(0.500) J	
						Mercury	CRDL Standard %R	130.0%	80% to 120%	ND(0.110) J	
						Selenium	CRDL Standard %R	78.4%	80% to 120%	ND(1.00) J	
						Silver	CRDL Standard %R	140.9%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	122.8%	80% to 120%	ND(1.70) J	
						Tin	Method Blank	-	-	ND(3.4)	
2F0P560	RAA4-M8 (0 - 1)	6/25/2002	Soil	Tier II	Yes	Beryllium	CRDL Standard %R	174.6%	80% to 120%	ND(0.500) J	
						Cadmium	CRDL Standard %R	179.5%	80% to 120%	0.970 J	
						Selenium	CRDL Standard %R	78.4%	80% to 120%	ND(1.00) J	
						Silver	CRDL Standard %R	140.9%	80% to 120%	0.540 J	
						Thallium	CRDL Standard %R	122.8%	80% to 120%	ND(1.70) J	
						Tin	Method Blank	-	-	ND(10.0)	
2F0P580	RINSE BLANK-062502-1	6/25/2002	Water	Tier II	Yes	Cadmium	CRDL Standard %R	179.5%	80% to 120%	0.00400 J	
						Chromium	CRDL Standard %R	137.8%	80% to 120%	0.00530 J	
						Lead	CRDL Standard %R	78.3%	80% to 120%	ND(0.00300) J	
						Mercury	CRDL Standard %R	130.0%	80% to 120%	ND(0.000200) J	
						Selenium	CRDL Standard %R	78.4%	80% to 120%	0.00530 J	
						Silver	CRDL Standard %R	140.9%	80% to 120%	ND(0.00500) J	
						Thallium	CRDL Standard %R	122.8%	80% to 120%	ND(0.0100) J	
2F0P624	RAA4-DUP-21 (0 - 1)	6/26/2002	Soil	Tier II	Yes	Antimony	MS %R	70.0%	75% to 125%	ND(6.00) J	RAA4-R4
						Barium	MS/MSD RPD	61.0%	<20%	110 J	
						Copper	MS/MSD RPD	55.0%	<20%	120 J	
						Selenium	MS/MSD RPD	56.0%	<20%	0.700 J	
						Selenium	CRDL Standard %R	72.9%	80% to 120%	0.700 J	
						Thallium	CRDL Standard %R	121.4%	80% to 120%	2.30 J	
						Tin	MS/MSD RPD	110.0%	<20%	18.0 J	
						Vanadium	MS/MSD RPD	22.0%	<20%	18.0 J	
2F0P624	RAA4-O16 (0 - 1)	6/26/2002	Soil	Tier II	Yes	Antimony	MS %R	70.0%	75% to 125%	ND(6.00) J	
						Barium	MS/MSD RPD	61.0%	<20%	83.0 J	
						Copper	MS/MSD RPD	55.0%	<20%	9100 J	
						Selenium	CRDL Standard %R	72.9%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	121.4%	80% to 120%	2.10 J	
						Tin	MS/MSD RPD	110.0%	<20%	27.0 J	
						Vanadium	MS/MSD RPD	22.0%	<20%	14.0 J	
2F0P624	RAA4-O4 (0 - 1)	6/26/2002	Soil	Tier II	Yes	Antimony	MS %R	70.0%	75% to 125%	ND(6.00) J	
						Barium	MS/MSD RPD	61.0%	<20%	28.0 J	
						Copper	MS/MSD RPD	55.0%	<20%	12.0 J	
						Selenium	CRDL Standard %R	72.9%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	121.4%	80% to 120%	ND(1.50) J	
						Vanadium	MS/MSD RPD	22.0%	<20%	6.20 J	
2F0P624	RAA4-P14 (0 - 1)	6/26/2002	Soil	Tier II	Yes	Antimony	MS %R	70.0%	75% to 125%	ND(6.00) J	
						Barium	MS/MSD RPD	61.0%	<20%	26.0 J	
						Copper	MS/MSD RPD	55.0%	<20%	11.0 J	
						Selenium	CRDL Standard %R	72.9%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	121.4%	80% to 120%	1.00 J	
						Vanadium	MS/MSD RPD	22.0%	<20%	6.50 J	
2F0P624	RAA4-P6 (0 - 1)	6/26/2002	Soil	Tier II	Yes	Antimony	MS %R	70.0%	75% to 125%	ND(6.00) J	
						Barium	MS/MSD RPD	61.0%	<20%	53.0 J	
						Copper	MS/MSD RPD	55.0%	<20%	1100 J	
						Selenium	CRDL Standard %R	72.9%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	121.4%	80% to 120%	1.60 J	
						Tin	Method Blank	-	-	ND(11.0)	
						Vanadium	MS/MSD RPD	0.22	<20%	21.0 J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2F0P624	RAA4-Q8 (0 - 1)	6/26/2002	Soil	Tier II	Yes	Antimony	MS %R	70.0%	75% to 125%	ND(6.00) J	
						Barium	MS/MSD RPD	61.0%	<20%	35.0 J	
						Copper	MS/MSD RPD	55.0%	<20%	24.0 J	
						Selenium	CRDL Standard %R	72.9%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	121.4%	80% to 120%	1.70 J	
						Vanadium	MS/MSD RPD	22.0%	<20%	14.0 J	
2F0P624	RAA4-R4 (0 - 1)	6/26/2002	Soil	Tier II	Yes	Antimony	MS %R	70.0%	75% to 125%	ND(6.00) J	
						Barium	MS/MSD RPD	61.0%	<20%	120 J	
						Copper	MS/MSD RPD	55.0%	<20%	110 J	
						Selenium	MS/MSD RPD	56.0%	<20%	1.20 J	
						Selenium	CRDL Standard %R	72.9%	80% to 120%	1.20 J	
						Thallium	CRDL Standard %R	121.4%	80% to 120%	3.70 J	
						Tin	Method Blank	-	-	16.0 J	
						Vanadium	MS/MSD RPD	22.0%	<20%	18.0 J	
2F0P624	RAA4-R5 (0 - 1)	6/26/2002	Soil	Tier II	Yes	Antimony	MS %R	70.0%	75% to 125%	0.990 J	
						Barium	MS/MSD RPD	61.0%	<20%	120 J	
						Copper	MS/MSD RPD	55.0%	<20%	210 J	
						Selenium	MS/MSD RPD	56.0%	<20%	0.560 J	
						Selenium	CRDL Standard %R	72.9%	80% to 120%	0.560 J	
						Thallium	CRDL Standard %R	121.4%	80% to 120%	3.30 J	
						Tin	MS/MSD RPD	110.0%	<20%	17.0 J	
						Vanadium	MS/MSD RPD	22.0%	<20%	18.0 J	
2F0P682	RAA4-Q19 (1 - 3)	6/27/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	72.9%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	121.4%	80% to 120%	3.00 J	
2F0P682	RAA4-Q05 (3 - 6)	6/27/2002	Soil	Tier II	Yes	Selenium	CRDL Standard %R	72.9%	80% to 120%	ND(1.00) J	
2F0P700	RAA4-G11 (1 - 6)	6/28/2002	Soil	Tier II	Yes	Cobalt	CCV %R	113.4%	90% to 110%	6.40 J	
						Selenium	CRDL Standard %R	67.7%	80% to 120%	ND(1.00) J	
						Silver	CRDL Standard %R	126.1%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	64.2%	80% to 120%	ND(1.60) J	
						Tin	Method Blank	-	-	ND(12.0)	
						Zinc	CCV %R	112.4%	90% to 110%	180 J	
2F0P700	RAA4-M13 (1 - 3)	6/28/2002	Soil	Tier II	Yes	Cobalt	CCV %R	113.4%	90% to 110%	6.30 J	
						Selenium	CRDL Standard %R	67.7%	80% to 120%	ND(1.00) J	
						Silver	CRDL Standard %R	126.1%	80% to 120%	0.860 J	
						Thallium	CRDL Standard %R	64.2%	80% to 120%	ND(1.70) J	
						Zinc	CCV %R	112.4%	90% to 110%	740 J	
2G0P048	RAA4-G7 (8 - 15)	7/2/2002	Soil	Tier II	Yes	Barium	CCV %R	110.2%	90% to 110%	ND(20.0) J	
						Cobalt	CCV %R	113.4%	90% to 110%	5.70 J	
						Silver	CRDL Standard %R	126.1%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	64.2%	80% to 120%	ND(1.80) J	
						Zinc	CCV %R	112.4%	90% to 110%	40.0 J	
2G0P048	RAA4-I13 (0 - 1)	7/2/2002	Soil	Tier II	Yes	Barium	CCV %R	110.2%	90% to 110%	ND(20.0) J	
						Cobalt	CCV %R	113.4%	90% to 110%	24.0 J	
						Silver	CRDL Standard %R	126.1%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	64.2%	80% to 120%	ND(1.60) J	
						Tin	Method Blank	-	-	ND(3.60)	
						Zinc	CCV %R	112.4%	90% to 110%	32.0 J	
2G0P048	RAA4-K11 (1 - 6)	7/2/2002	Soil	Tier II	Yes	Barium	CCV %R	110.2%	90% to 110%	100 J	
						Cobalt	CCV %R	113.4%	90% to 110%	10.0 J	
						Silver	CRDL Standard %R	126.1%	80% to 120%	ND(1.00) J	
						Thallium	CRDL Standard %R	64.2%	80% to 120%	ND(1.60) J	
						Tin	Method Blank	-	-	ND(14.0)	
						Zinc	CCV %R	112.4%	90% to 110%	120 J	
2G0P048	RAA4-M11 (0 - 1)	7/2/2002	Soil	Tier II	Yes	Barium	CCV %R	110.2%	90% to 110%	220 J	
						Cobalt	CCV %R	113.4%	90% to 110%	6.80 J	
						Silver	Method Blank	-	-	ND(1.60)	
						Thallium	CRDL Standard %R	64.2%	80% to 120%	ND(1.70) J	
						Zinc	CCV %R	112.4%	90% to 110%	1300 J	
2G0P048	RINSE BLANK-070202-1	7/2/2002	Water	Tier II	Yes	Arsenic	CRDL Standard %R	72.8%	80% to 120%	ND(0.01001) J	
						Silver	CRDL Standard %R	126.1%	80% to 120%	ND(0.00500) J	
						Zinc	CCV %R	112.4%	90% to 110%	0.00720 J	
2G0P138	RAA4-I5 (6 - 15)	7/3/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(5.50)	
2G0P138	RAA4-M7 (0 - 1)	7/3/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(4.10)	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2G0P138	RAA4-C07 (0 - 1)	7/3/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(10.0)	
2G0P138	RAA4-C7 (1 - 3)	7/3/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(10.0)	
2G0P139	RAA4-F43 (6 - 15)	7/8/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(3.60)	
2G0P139	RAA4-M15 (0 - 1)	7/8/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(10.0)	
2G0P139	RAA4-M15 (3 - 6)	7/8/2002	Soil	Tier II	No						
2G0P139	RAA4-P3 (0 - 1)	7/8/2002	Soil	Tier II	Yes	Tin	Method Blank	-	-	ND(10.0)	
2J0P577	RAA4 DUP-25 (1 - 6)	10/18/2002	Soil	Tier II	Yes	Chromium	Field Duplicate RPD (Soil)	77.5%	<50%	53 J	
						Thallium	CRDL Standard %R	69.6%	80% to 120%	ND(2.1) J	
						Zinc	MS %R	212.0%	75% to 125%	1100 J	
2J0P577	RAA4-H27 (1 - 6)	10/18/2002	Soil	Tier II	Yes	Chromium	Field Duplicate RPD (Soil)	77.5%	<50%	120 J	
						Thallium	CRDL Standard %R	69.6%	80% to 120%	ND(2.0) J	
						Zinc	MS %R	212.0%	75% to 125%	1100 J	
2J0P577	RAA4-O3 (6 - 15)	10/18/2002	Soil	Tier II	Yes	Mercury	CRDL Standard %R	70.0%	80% to 120%	0.060 J	
						Thallium	CRDL Standard %R	77.5%	80% to 120%	ND(2.3) J	
						Tin	Method Blank	-	-	ND(12.0)	
						Zinc	MS %R	212.0%	75% to 125%	200 J	
2J0P577	RB-101802-1 (0 - 0)	10/19/2002	Water	Tier II	No						
VOCs											
2D0P611	RAA4-C27 (0 - 1)	4/22/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.11) J	
						Acrolein	CCAL %D	35.6%	<25%	ND(0.11) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.11) J	
2D0P611	RAA4-F30 (0 - 1)	4/22/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.10) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.10) J	
						Acrolein	CCAL %D	35.6%	<25%	ND(0.10) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.10) J	
2D0P611	RAA4-I21 (0 - 1)	4/22/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.12) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.12) J	
						Acrolein	CCAL %D	35.6%	<25%	ND(0.12) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.12) J	
2D0P611	RAA4-K30 (0 - 1)	4/22/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.11) J	
						Acrolein	CCAL %D	35.6%	<25%	ND(0.11) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.11) J	
2D0P611	RAA4-M30 (0 - 1)	4/22/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.11) J	
						Acrolein	CCAL %D	35.6%	<25%	ND(0.11) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.11) J	
2D0P633	RAA4-D23 (0 - 1)	4/23/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						2-Hexanone	CCAL %D	31.6%	<25%	ND(0.011) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	CCAL %D	38.4%	<25%	ND(0.11) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.11) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.11) J	
						Vinyl Acetate	CCAL %D	35.2%	<25%	ND(0.0054) J	
2D0P633	RAA4-D29 (6 - 15)	4/23/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.30) J	
						2-Hexanone	CCAL %D	31.6%	<25%	ND(0.060) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.60) J	
						Acrolein	CCAL %D	38.4%	<25%	ND(0.60) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.60) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.60) J	
						Vinyl Acetate	CCAL %D	0.352	<25%	ND(0.030) J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2D0P633	RAA4-D34 (0 - 1)	4/23/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						2-Hexanone	CCAL %D	31.6%	<25%	ND(0.011) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	CCAL %D	38.4%	<25%	ND(0.11) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.11) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.11) J	
						Vinyl Acetate	CCAL %D	35.2%	<25%	ND(0.0057) J	
2D0P633	RAA4-D34 (6 - 15)	4/23/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.12) J	
						2-Hexanone	CCAL %D	31.6%	<25%	ND(0.012) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.12) J	
						Acrolein	CCAL %D	38.4%	<25%	ND(0.12) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.12) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.12) J	
						Vinyl Acetate	CCAL %D	35.2%	<25%	ND(0.0061) J	
2D0P633	RAA4-E36 (0 - 1)	4/23/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						2-Hexanone	CCAL %D	31.6%	<25%	ND(0.011) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	CCAL %D	38.4%	<25%	ND(0.11) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.11) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.11) J	
						Vinyl Acetate	CCAL %D	35.2%	<25%	ND(0.0055) J	
2D0P633	RAA4-E38 (0 - 1)	4/23/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						2-Hexanone	CCAL %D	31.6%	<25%	ND(0.011) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	CCAL %D	38.4%	<25%	ND(0.11) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.11) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.11) J	
						Vinyl Acetate	CCAL %D	35.2%	<25%	ND(0.0056) J	
2D0P632	RAA4-G30 (1 - 6)	4/23/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						2-Hexanone	CCAL %D	31.6%	<25%	ND(0.011) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	CCAL %D	38.4%	<25%	ND(0.11) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.11) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.11) J	
						Vinyl Acetate	CCAL %D	35.2%	<25%	ND(0.0057) J	
2D0P633	RAA4-H35 (0 - 1)	4/23/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						2-Hexanone	CCAL %D	31.6%	<25%	ND(0.011) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	CCAL %D	38.4%	<25%	ND(0.11) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.11) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.11) J	
						Vinyl Acetate	CCAL %D	35.2%	<25%	ND(0.0057) J	
2D0P666	RAA4-D25 (0 - 1)	4/24/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.008	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
2D0P666	RAA4-E23 (0 - 1)	4/24/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.008	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
2D0P666	RAA4-E31 (0 - 1)	4/24/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.008	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
2D0P666	RAA4-E31 (1 - 6)	4/24/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.008	>0.05	ND(0.28) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.57) J	
2D0P666	RAA4-F41 (0 - 1)	4/24/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.008	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
2D0P666	RAA4-H27 (0 - 1)	4/24/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.008	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
2D0P697	RAA4-DUP-1 (6 - 15)	4/25/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.13) J	RAA4-I23
						2-Chloroethylvinylether	CCAL %D	31.6%	<25%	ND(0.0064) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.13) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
						Dichlorodifluoromethane	CCAL %D	0.296	<25%	ND(0.0064) J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2D0P697	RAA4-I19 (0 - 1)	4/25/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	31.6%	<25%	ND(0.0057) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Dichlorodifluoromethane	CCAL %D	29.6%	<25%	ND(0.0057) J	
2D0P697	RAA4-I23 (0 - 1)	4/25/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	31.6%	<25%	ND(0.0057) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Dichlorodifluoromethane	CCAL %D	29.6%	<25%	ND(0.0057) J	
2D0P697	RAA4-I73 (8 - 10)	4/25/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.12) J	
						2-Chloroethylvinylether	CCAL %D	31.6%	<25%	ND(0.0063) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Dichlorodifluoromethane	CCAL %D	29.6%	<25%	ND(0.0063) J	
2D0P697	RAA4-K23 (0 - 1)	4/25/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	31.6%	<25%	ND(0.0054) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Chlorobenzene	CCAL %D	31.2%	<25%	ND(0.0054) J	
						Chloroethane	CCAL %D	27.6%	<25%	ND(0.0054) J	
						Dichlorodifluoromethane	CCAL %D	29.6%	<25%	ND(0.0054) J	
						Methacrylonitrile	CCAL %D	26.4%	<25%	ND(0.0054) J	
2D0P697	RAA4-M5 (0 - 1)	4/25/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	31.6%	<25%	ND(0.0057) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Dichlorodifluoromethane	CCAL %D	29.6%	<25%	ND(0.0057) J	
2D0P697	RAA4-O1 (0 - 1)	4/25/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	CCAL %D	31.6%	<25%	ND(0.0055) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Dichlorodifluoromethane	CCAL %D	29.6%	<25%	ND(0.0055) J	
2E0P356	RAA4-E40 (0 - 1)	5/13/2002	Soil	Tier II	Yes	2-Hexanone	CCAL %D	34.8%	<25%	ND(0.012) J	
						Chloroethane	CCAL %D	27.2%	<25%	ND(0.0061) J	
2E0P356	RAA4-F42 (1 - 6)	5/13/2002	Soil	Tier II	Yes	2-Hexanone	CCAL %D	34.8%	<25%	ND(0.012) J	
						Chloroethane	CCAL %D	27.2%	<25%	ND(0.0061) J	
2E0P393	RAA4-E58 (0 - 1)	5/14/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.008	>0.05	ND(0.12) J	
						2-Hexanone	CCAL %D	36.0%	<25%	ND(0.012) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Bromoform	CCAL %D	27.2%	<25%	ND(0.0056) J	
						Chloroethane	CCAL %D	32.0%	<25%	ND(0.0056) J	
2E0P393	RAA4-F57 (0 - 1)	5/14/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.008	>0.05	ND(0.11) J	
						2-Hexanone	CCAL %D	36.0%	<25%	ND(0.011) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Bromoform	CCAL %D	27.2%	<25%	ND(0.0053) J	
						Chloroethane	CCAL %D	32.0%	<25%	ND(0.0053) J	
2E0P393	RAA4-G36 (0 - 1)	5/14/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.008	>0.05	ND(0.11) J	
						2-Hexanone	CCAL %D	36.0%	<25%	ND(0.011) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Bromoform	CCAL %D	27.2%	<25%	ND(0.0056) J	
						Chloroethane	CCAL %D	32.0%	<25%	ND(0.0056) J	
2E0P415	RAA4-B35 (0 - 1)	5/15/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.008	>0.05	ND(0.13) J	
						2-Hexanone	CCAL %D	36.0%	<25%	ND(0.013) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.13) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
						Bromoform	CCAL %D	27.2%	<25%	ND(0.0064) J	
						Chloroethane	CCAL %D	0.32	<25%	ND(0.0064) J	

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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
VOCs (continued)											
2E0P415	RAA4-C36 (0 - 1)	5/15/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.008	>0.05	ND(0.11) J	
						2-Hexanone	CCAL %D	36.0%	<25%	ND(0.011) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Bromoform	CCAL %D	27.2%	<25%	ND(0.0055) J	
						Chloroethane	CCAL %D	32.0%	<25%	ND(0.0055) J	
2E0P415	RAA4-C36 (1 - 6)	5/15/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.008	>0.05	ND(0.11) J	
						2-Hexanone	CCAL %D	36.0%	<25%	ND(0.011) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Bromoform	CCAL %D	27.2%	<25%	ND(0.0054) J	
						Chloroethane	CCAL %D	32.0%	<25%	ND(0.0054) J	
2E0P447	RAA4-A33 (0 - 1)	5/16/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.12) J	
						2-Hexanone	CCAL %D	36.0%	<25%	ND(0.012) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.12) J	
						Bromoform	CCAL %D	27.2%	<25%	ND(0.0061) J	
						Chloroethane	CCAL %D	32.0%	<25%	ND(0.0061) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.12) J	
2E0P447	RAA4-A35 (0 - 1)	5/16/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						2-Hexanone	CCAL %D	36.0%	<25%	ND(0.011) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.11) J	
						Bromoform	CCAL %D	27.2%	<25%	ND(0.0056) J	
						Chloroethane	CCAL %D	32.0%	<25%	ND(0.0056) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.11) J	
2E0P493	RAA4-D34 (1 - 6)	5/16/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.13) J	
						2-Hexanone	CCAL %D	32.0%	<25%	ND(0.013) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.13) J	
						Bromoform	CCAL %D	26.4%	<25%	ND(0.0064) J	
						Chloroethane	CCAL %D	39.2%	<25%	ND(0.0064) J	
						Chloromethane	CCAL %D	27.2%	<25%	ND(0.0064) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.13) J	
2E0P493	RAA4-C35 (6 - 15)	5/17/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.13) J	
						2-Hexanone	CCAL %D	32.0%	<25%	ND(0.013) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.13) J	
						Bromoform	CCAL %D	26.4%	<25%	ND(0.0064) J	
						Chloroethane	CCAL %D	39.2%	<25%	ND(0.0064) J	
						Chloromethane	CCAL %D	27.2%	<25%	ND(0.0064) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.13) J	
2E0P493	RAA4-E35 (0 - 1)	5/17/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.15) J	
						2-Hexanone	CCAL %D	32.0%	<25%	ND(0.015) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.15) J	
						Bromoform	CCAL %D	26.4%	<25%	ND(0.0073) J	
						Chloroethane	CCAL %D	39.2%	<25%	ND(0.0073) J	
						Chloromethane	CCAL %D	27.2%	<25%	ND(0.0073) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.15) J	
2E0P493	RAA4-E35 (6 - 15)	5/17/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.14) J	
						2-Hexanone	CCAL %D	32.0%	<25%	ND(0.014) J	
						Acrolein	ICAL RRF	0.003	>0.05	ND(0.14) J	
						Bromoform	CCAL %D	26.4%	<25%	ND(0.0073) J	
						Chloroethane	CCAL %D	39.2%	<25%	ND(0.0073) J	
						Chloromethane	CCAL %D	27.2%	<25%	ND(0.0073) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.14) J	
2E0P540	RAA4-B29 (0 - 1)	5/20/2002	Soil	Tier II	Yes	2-Hexanone	CCAL %D	32.0%	<25%	ND(0.012) J	
						Bromoform	CCAL %D	26.4%	<25%	ND(0.0060) J	
						Chloroethane	CCAL %D	39.2%	<25%	ND(0.0060) J	
						Chloromethane	CCAL %D	27.2%	<25%	ND(0.0060) J	
2E0P540	RAA4-C31 (0 - 1)	5/20/2002	Soil	Tier II	Yes	2-Hexanone	CCAL %D	32.0%	<25%	ND(0.011) J	
						Bromoform	CCAL %D	26.4%	<25%	ND(0.0057) J	
						Chloroethane	CCAL %D	39.2%	<25%	ND(0.0057) J	
						Chloromethane	CCAL %D	0.272	<25%	ND(0.0057) J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2E0P540	RAA4-C33 (0 - 1)	5/20/2002	Soil	Tier II	Yes	2-Hexanone	CCAL %D	32.0%	<25%	ND(0.011) J	
						Bromoform	CCAL %D	26.4%	<25%	ND(0.0055) J	
						Chloroethane	CCAL %D	39.2%	<25%	ND(0.0055) J	
						Chloromethane	CCAL %D	27.2%	<25%	ND(0.0055) J	
2E0P554	RAA4-C29 (1 - 6)	5/21/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.008	>0.05	ND(0.11) J	
						2-Hexanone	CCAL %D	32.0%	<25%	ND(0.011) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Bromoform	CCAL %D	26.4%	<25%	ND(0.0057) J	
						Chloroethane	CCAL %D	39.2%	<25%	ND(0.0057) J	
						Chloromethane	CCAL %D	27.2%	<25%	ND(0.0057) J	
2E0P554	RAA4-D33 (0 - 1)	5/21/2002	Soil	Tier II	Yes	1,2-Dibromo-3-chloropropane	CCAL %D	25.2%	<25%	ND(0.0057) J	
						1,4-Dioxane	ICAL RRF	0.008	>0.05	ND(0.11) J	
						2-Hexanone	CCAL %D	34.4%	<25%	ND(0.011) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Bromoform	CCAL %D	28.4%	<25%	ND(0.0057) J	
						Chloroethane	CCAL %D	38.0%	<25%	ND(0.0057) J	
						Chloromethane	CCAL %D	30.0%	<25%	ND(0.0057) J	
2E0P554	RAA4-E20 (0 - 1)	5/21/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(14) J	
						Acetone	ICAL RRF	0.049	>0.05	ND(7.2) J	
						Acetonitrile	ICAL RRF	0.048	>0.05	ND(7.2) J	
						Acrolein	ICAL RRF	0.031	>0.05	ND(7.2) J	
						Acrylonitrile	ICAL RRF	0.020	>0.05	ND(0.72) J	
						Propionitrile	ICAL RRF	0.013	>0.05	ND(3.6) J	
2E0P554	RINSE BLANK-052102	5/21/2002	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
						Acetone	ICAL RRF	0.049	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.048	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.031	>0.05	ND(0.10) J	
						Acrylonitrile	ICAL RRF	0.020	>0.05	ND(0.0050) J	
						Propionitrile	ICAL RRF	0.013	>0.05	ND(0.010) J	
2E0P595	RAA4-DUP-5 (0 - 1)	5/22/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.008	>0.05	ND(0.11) J	RAA4-F29
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Chloroethane	CCAL %D	36.0%	<25%	ND(0.0054) J	
						Tetrachloroethene	Field Duplicate RPD (Soil)	62.4%	<50%	0.43 J	
2E0P595	RAA4-F28 (0 - 1)	5/22/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.008	>0.05	ND(0.10) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						Chloroethane	CCAL %D	36.0%	<25%	ND(0.0053) J	
						Tetrachloroethene	Field Duplicate RPD (Soil)	62.4%	<50%	0.82 J	
2E0P595	RAA4-G27 (0 - 1)	5/22/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.008	>0.05	ND(0.11) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Chloroethane	CCAL %D	36.0%	<25%	ND(0.0056) J	
2E0P595	RAA4-H29 (0 - 1)	5/22/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.005	>0.05	ND(0.12) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Chloroethane	CCAL %D	36.0%	<25%	ND(0.0060) J	
2E0P596	E2-64G-17	5/22/2002	Water	Tier II	Yes	Acrolein	ICAL RRF	0.011	>0.05	ND(0.10) J	
2E0P596	E2-64G-21	5/22/2002	Water	Tier II	Yes	Acrolein	ICAL RRF	0.011	>0.05	ND(0.10) J	
2E0P596	E2-64G-25	5/22/2002	Water	Tier II	Yes	Acrolein	ICAL RRF	0.011	>0.05	ND(0.10) J	
2E0P596	E2-64G-29	5/22/2002	Water	Tier II	Yes	Acrolein	ICAL RRF	0.011	>0.05	ND(0.10) J	
2E0P710	RAA4-F34 (0 - 1)	5/28/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.13) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
						Bromoform	CCAL %D	26.0%	<25%	ND(0.0064) J	
						Chloroethane	CCAL %D	32.4%	<25%	ND(0.0064) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.13) J	
						Vinyl Acetate	CCAL %D	0.264	<25%	ND(0.0064) J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2E0P710	RAA4-F34 (1 - 6)	5/28/2002	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	
						Bromoform	CCAL %D	26.0%	<25%	ND(0.0057) J	
						Chloroethane	CCAL %D	32.4%	<25%	ND(0.0057) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.11) J	
						Vinyl Acetate	CCAL %D	26.4%	<25%	ND(0.0057) J	
2E0P710	RAA4-F35 (6 - 15)	5/28/2002	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	
						Bromoform	CCAL %D	26.0%	<25%	ND(0.0058) J	
						Chloroethane	CCAL %D	32.4%	<25%	ND(0.0058) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.12) J	
						Vinyl Acetate	CCAL %D	26.4%	<25%	ND(0.0058) J	
2E0P721	RAA4-K79 (10 - 12)	5/29/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.008	>0.05	ND(0.32) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.63) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.63) J	
						Bromoform	CCAL %D	26.0%	<25%	ND(0.032) J	
						Chloroethane	CCAL %D	32.4%	<25%	ND(0.032) J	
						Vinyl Acetate	CCAL %D	26.4%	<25%	ND(0.032) J	
2E0P721	RAA4-M27 (0 - 1)	5/29/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.008	>0.05	ND(0.11) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Bromoform	CCAL %D	26.0%	<25%	ND(0.0057) J	
						Chloroethane	CCAL %D	32.4%	<25%	ND(0.0057) J	
						Vinyl Acetate	CCAL %D	26.4%	<25%	ND(0.0057) J	
2E0P750	RAA4-D21 (0 - 1)	5/30/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.008	>0.05	ND(0.10) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						Chloroethane	CCAL %D	43.2%	<25%	ND(0.0052) J	
						Methacrylonitrile	CCAL %D	36.4%	<25%	ND(0.0052) J	
2E0P750	RAA4-D23 (13 - 14)	5/30/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.008	>0.05	ND(0.11) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Chloroethane	CCAL %D	43.2%	<25%	ND(0.0054) J	
						Methacrylonitrile	CCAL %D	36.4%	<25%	ND(0.0054) J	
2E0P750	RAA4-D23 (3 - 4)	5/30/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.008	>0.05	ND(0.13) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.13) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
						Chloroethane	CCAL %D	43.2%	<25%	ND(0.0067) J	
						Methacrylonitrile	CCAL %D	36.4%	<25%	ND(0.0067) J	
2F0P041	RAA4-I25 (0 - 1)	6/3/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.008	>0.05	0.12 J	
						Acetonitrile	ICAL RRF	0.044	>0.05	0.12 J	
						Acrolein	ICAL RRF	0.002	>0.05	0.12 J	
						Bromoform	CCAL %D	28.4%	<25%	0.0060 J	
						Chloroethane	CCAL %D	33.6%	<25%	0.0060 J	
						Methacrylonitrile	CCAL %D	34.8%	<25%	0.0060 J	
2F0P041	RAA4-I25 (6 - 15)	6/3/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.008	>0.05	0.30 J	
						Acetonitrile	ICAL RRF	0.044	>0.05	0.60 J	
						Acrolein	ICAL RRF	0.002	>0.05	0.60 J	
						Bromoform	CCAL %D	28.4%	<25%	0.030 J	
						Chloroethane	CCAL %D	33.6%	<25%	0.030 J	
						Methacrylonitrile	CCAL %D	34.8%	<25%	0.030 J	
2F0P041	RAA4-K25 (0 - 1)	6/3/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.008	>0.05	0.10 J	
						Acetonitrile	ICAL RRF	0.044	>0.05	0.10 J	
						Acrolein	ICAL RRF	0.002	>0.05	0.10 J	
						Bromoform	CCAL %D	28.4%	<25%	0.0053 J	
						Chloroethane	CCAL %D	33.6%	<25%	0.0053 J	
						Methacrylonitrile	CCAL %D	0.348	<25%	0.0053 J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2F0P071	RAA4-DUP-9 (0 - 1)	6/4/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.008	>0.05	ND(0.11) J	RAA4-F21
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Bromoform	CCAL %D	28.4%	<25%	ND(0.0053) J	
						Chloroethane	CCAL %D	33.6%	<25%	ND(0.0053) J	
2F0P071	RAA4-E27 (6 - 15)	6/4/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.008	>0.05	ND(0.31) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.62) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.62) J	
						Bromoform	CCAL %D	28.4%	<25%	ND(0.031) J	
						Chloroethane	CCAL %D	33.6%	<25%	ND(0.031) J	
2F0P071	RAA4-F21 (0 - 1)	6/4/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.008	>0.05	ND(0.11) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Bromoform	CCAL %D	28.4%	<25%	ND(0.0053) J	
						Chloroethane	CCAL %D	33.6%	<25%	ND(0.0053) J	
2F0P071	RAA4-H21 (0 - 1)	6/4/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.008	>0.05	ND(0.12) J	
						Acetonitrile	ICAL RRF	0.044	>0.05	ND(0.12) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Bromoform	CCAL %D	28.4%	<25%	ND(0.0059) J	
						Chloroethane	CCAL %D	33.6%	<25%	ND(0.0059) J	
2F0P071	RINSE BLANK-060402-1	6/4/2002	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
						2-Chloroethylvinylether	CCAL %D	33.6%	<25%	ND(0.0050) J	
						Acetone	ICAL RRF	0.049	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.048	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.031	>0.05	ND(0.10) J	
						Acrylonitrile	ICAL RRF	0.020	>0.05	ND(0.0050) J	
						Carbon Tetrachloride	CCAL %D	31.2%	<25%	ND(0.0050) J	
						Propionitrile	ICAL RRF	0.013	>0.05	ND(0.010) J	
2F0P171	RAA4-H34 (1 - 6)	6/6/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.12) J	
2F0P171	RAA4-I33 (0 - 1)	6/6/2002	Soil	Tier II	Yes	1,1,1,2-Tetrachloroethane	Internal Standard Chlorobenzene-d5 %R	45.0%	50% to 200%	ND(0.0064) J	Report reanalysis.
						1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	37.0%	50% to 200%	ND(0.0064) J	
						1,1,2-Trichloroethane	Internal Standard Chlorobenzene-d5 %R	45.0%	50% to 200%	ND(0.0064) J	
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	37.0%	50% to 200%	ND(0.0064) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	37.0%	50% to 200%	ND(0.0064) J	
						1,2-Dibromoethane	Internal Standard Chlorobenzene-d5 %R	45.0%	50% to 200%	ND(0.0064) J	
						1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.13) J	
						2-Hexanone	Internal Standard Chlorobenzene-d5 %R	45.0%	50% to 200%	ND(0.013) J	
						Bromoform	Internal Standard Chlorobenzene-d5 %R	45.0%	50% to 200%	ND(0.0064) J	
						Chlorobenzene	Internal Standard Chlorobenzene-d5 %R	45.0%	50% to 200%	ND(0.0064) J	
						Dibromochloromethane	Internal Standard Chlorobenzene-d5 %R	45.0%	50% to 200%	ND(0.0064) J	
						Ethyl Methacrylate	Internal Standard Chlorobenzene-d5 %R	45.0%	50% to 200%	ND(0.0064) J	
						Methacrylonitrile	CCAL %D	32.0%	<25%	ND(0.0064) J	
						Styrene	Internal Standard Chlorobenzene-d5 %R	45.0%	50% to 200%	ND(0.0064) J	
						Tetrachloroethene	Internal Standard Chlorobenzene-d5 %R	45.0%	50% to 200%	ND(0.0064) J	
						Toluene	Internal Standard Chlorobenzene-d5 %R	45.0%	50% to 200%	ND(0.0064) J	
						trans-1,3-Dichloropropene	Internal Standard Chlorobenzene-d5 %R	45.0%	50% to 200%	ND(0.0064) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	37.0%	50% to 200%	ND(0.0064) J	
						Xylenes (total)	Internal Standard Chlorobenzene-d5 %R	0.45	50% to 200%	ND(0.0064) J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2F0P171	RAA4-I33 (8 - 15)	6/6/2002	Soil	Tier II	Yes	1,1,1,2-Tetrachloroethane	Internal Standard Chlorobenzene-d5 %R	23.0%	50% to 200%	ND(0.0055) J	Report original analysis.
						1,1,1-Trichloroethane	Internal Standard Fluorobenzene %R	29.0%	50% to 200%	ND(0.0055) J	
						1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	32.0%	50% to 200%	ND(0.0055) J	
						1,1,2-Trichloroethane	Internal Standard Chlorobenzene-d5 %R	23.0%	50% to 200%	ND(0.0055) J	
						1,1-Dichloroethane	Internal Standard Fluorobenzene %R	29.0%	50% to 200%	ND(0.0055) J	
						1,1-Dichloroethene	Internal Standard Fluorobenzene %R	29.0%	50% to 200%	ND(0.0055) J	
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	32.0%	50% to 200%	ND(0.0055) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	32.0%	50% to 200%	ND(0.0055) J	
						1,2-Dibromoethane	Internal Standard Chlorobenzene-d5 %R	23.0%	50% to 200%	ND(0.0055) J	
						1,2-Dichloroethane	Internal Standard Fluorobenzene %R	29.0%	50% to 200%	ND(0.0055) J	
						1,2-Dichloropropane	Internal Standard Fluorobenzene %R	29.0%	50% to 200%	ND(0.0055) J	
						1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						2-Chloroethylvinylether	Internal Standard Fluorobenzene %R	29.0%	50% to 200%	ND(0.0055) J	
						2-Hexanone	Internal Standard Chlorobenzene-d5 %R	23.0%	50% to 200%	ND(0.011) J	
						4-Methyl-2-pentanone	Internal Standard Fluorobenzene %R	29.0%	50% to 200%	ND(0.011) J	
						Acetone	Internal Standard Fluorobenzene %R	29.0%	50% to 200%	0.027 J	
						Acetonitrile	Internal Standard Fluorobenzene %R	29.0%	50% to 200%	ND(0.11) J	
						Acrolein	Internal Standard Fluorobenzene %R	29.0%	50% to 200%	ND(0.11) J	
						Acrylonitrile	Internal Standard Fluorobenzene %R	29.0%	50% to 200%	ND(0.0055) J	
						Benzene	Internal Standard Fluorobenzene %R	29.0%	50% to 200%	ND(0.0055) J	
						Bromodichloromethane	Internal Standard Fluorobenzene %R	29.0%	50% to 200%	ND(0.0055) J	
						Bromoform	Internal Standard Chlorobenzene-d5 %R	23.0%	50% to 200%	ND(0.0055) J	
						Carbon Disulfide	Internal Standard Fluorobenzene %R	29.0%	50% to 200%	ND(0.0055) J	
						Carbon Tetrachloride	Internal Standard Fluorobenzene %R	29.0%	50% to 200%	ND(0.0055) J	
						Chlorobenzene	Internal Standard Chlorobenzene-d5 %R	23.0%	50% to 200%	ND(0.0055) J	
						Chloroethane	Internal Standard Fluorobenzene %R	29.0%	50% to 200%	ND(0.0055) J	
						Chloroform	Internal Standard Fluorobenzene %R	29.0%	50% to 200%	ND(0.0055) J	
						cis-1,3-Dichloropropene	Internal Standard Fluorobenzene %R	29.0%	50% to 200%	ND(0.0055) J	
						Dibromochloromethane	Internal Standard Chlorobenzene-d5 %R	23.0%	50% to 200%	ND(0.0055) J	
						Dichlorodifluoromethane	Internal Standard Fluorobenzene %R	29.0%	50% to 200%	ND(0.0055) J	
						Ethyl Methacrylate	Internal Standard Chlorobenzene-d5 %R	23.0%	50% to 200%	ND(0.0055) J	
						Ethylbenzene	Internal Standard Fluorobenzene %R	29.0%	50% to 200%	ND(0.0055) J	
						Methacrylonitrile	CCAL %D	32.0%	<25%	ND(0.0055) J	
						Methyl Methacrylate	Internal Standard Fluorobenzene %R	29.0%	50% to 200%	ND(0.0055) J	
						Methylene Chloride	Internal Standard Fluorobenzene %R	29.0%	50% to 200%	ND(0.0055) J	
						Propionitrile	Internal Standard Fluorobenzene %R	29.0%	50% to 200%	ND(0.011) J	
						Styrene	Internal Standard Chlorobenzene-d5 %R	23.0%	50% to 200%	ND(0.0055) J	
						Tetrachloroethene	Internal Standard Chlorobenzene-d5 %R	23.0%	50% to 200%	ND(0.0055) J	
						Toluene	Internal Standard Chlorobenzene-d5 %R	23.0%	50% to 200%	ND(0.0055) J	
						trans-1,2-Dichloroethene	Internal Standard Fluorobenzene %R	29.0%	50% to 200%	ND(0.0055) J	
						trans-1,3-Dichloropropene	Internal Standard Chlorobenzene-d5 %R	23.0%	50% to 200%	ND(0.0055) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	32.0%	50% to 200%	ND(0.0055) J	
						Trichloroethene	Internal Standard Fluorobenzene %R	29.0%	50% to 200%	ND(0.0055) J	
						Trichlorofluoromethane	Internal Standard Fluorobenzene %R	29.0%	50% to 200%	ND(0.0055) J	
						Vinyl Acetate	Internal Standard Fluorobenzene %R	29.0%	50% to 200%	ND(0.0055) J	
						Vinyl Chloride	Internal Standard Fluorobenzene %R	29.0%	50% to 200%	ND(0.0055) J	
						Xylenes (total)	Internal Standard Chlorobenzene-d5 %R	23.0%	50% to 200%	ND(0.0055) J	
2F0P171	RAA4-I34 (0 - 1)	6/6/2002	Soil	Tier II	Yes	1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	39.0%	50% to 200%	ND(0.0080) J	Report original analysis.
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	39.0%	50% to 200%	ND(0.0080) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	39.0%	50% to 200%	ND(0.0080) J	
						1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.16) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	39.0%	50% to 200%	ND(0.0080) J	
2F0P171	RAA4-K33 (0 - 1)	6/6/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.12) J	
2F0P186	RAA4-E15 (0 - 1)	6/7/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						Acrolein	ICAL R^2	0.949	>0.990	ND(0.11) J	
2F0P186	RAA4-E17 (0 - 1)	6/7/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						Acrolein	ICAL R^2	0.949	>0.990	ND(0.11) J	
2F0P186	RAA4-I19 (13 - 15)	6/7/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.12) J	
						Acrolein	ICAL R^2	0.949	>0.990	ND(0.12) J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2F0P222	RAA4-M17 (0 - 1)	6/10/2002	Soil	Tier II	Yes	1,1,2,2-Tetrachloroethane	CCAL %D	30.6%	<25%	ND(0.0057) J	Report original analysis
						1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	43.0%	50% to 200%	ND(0.0057) J	
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	43.0%	50% to 200%	ND(0.0057) J	
						1,2-Dibromo-3-chloropropane	CCAL %D	33.6%	<25%	ND(0.0057) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	43.0%	50% to 200%	ND(0.0057) J	
						1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						Acrolein	ICAL R^2	0.949	>0.990	ND(0.11) J	
						Propionitrile	CCAL %D	28.8%	<25%	ND(0.011) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	43.0%	50% to 200%	ND(0.0057) J	
2F0P257	RAA4-K5 (0 - 1)	6/11/2002	Soil	Tier II	Yes	1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	47.0%	50% to 200%	ND(0.0057) J	Report original analysis
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	47.0%	50% to 200%	ND(0.0057) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	47.0%	50% to 200%	ND(0.0057) J	
						1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						Acrolein	ICAL R^2	0.949	>0.990	ND(0.11) J	
						Methacrylonitrile	CCAL %D	32.0%	<25%	ND(0.0057) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	47.0%	50% to 200%	ND(0.0057) J	
2F0P257	RAA4-K3 (1 - 6)	6/11/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.12) J	
						Acrolein	ICAL R^2	0.949	>0.990	ND(0.12) J	
2F0P257	RAA4-M3 (0 - 1)	6/11/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.13) J	
						Acrolein	ICAL R^2	0.949	>0.990	ND(0.13) J	
						Methacrylonitrile	CCAL %D	32.0%	<25%	ND(0.0064) J	
2F0P308	RAA4-O13 (0 - 1)	6/12/2002	Soil	Tier II	Yes	1,1,2,2-Tetrachloroethane	CCAL %D	30.0%	<25%	ND(0.0057) J	
						1,2-Dibromo-3-chloropropane	CCAL %D	33.6%	<25%	ND(0.0057) J	
						1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						Propionitrile	CCAL %D	28.8%	<25%	ND(0.011) J	
2F0P308	RAA4-O3 (1 - 3)	6/12/2002	Soil	Tier II	Yes	1,1,2,2-Tetrachloroethane	CCAL %D	30.0%	<25%	ND(0.0062) J	
						1,2-Dibromo-3-chloropropane	CCAL %D	33.6%	<25%	ND(0.0062) J	
						1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.12) J	
						Propionitrile	CCAL %D	28.8%	<25%	ND(0.012) J	
2F0P308	RAA4-O9 (0 - 1)	6/12/2002	Soil	Tier II	Yes	1,1,2,2-Tetrachloroethane	CCAL %D	30.0%	<25%	ND(0.0056) J	
						1,2-Dibromo-3-chloropropane	CCAL %D	33.6%	<25%	ND(0.0056) J	
						1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						Propionitrile	CCAL %D	28.8%	<25%	ND(0.011) J	
2F0P355	RAA4-DUP-15 (1 - 6)	6/13/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	RAA4-H7
						Acetone	CCAL %D	26.8%	<25%	ND(0.022) J	
						Acrolein	ICAL R^2	0.949	>0.990	ND(0.11) J	
						Acrolein	CCAL %D	39.2%	<25%	ND(0.11) J	
						Vinyl Acetate	CCAL %D	30.4%	<25%	ND(0.0055) J	
2F0P355	RAA4-H7 (1 - 6)	6/13/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						Acetone	CCAL %D	26.8%	<25%	ND(0.022) J	
						Acrolein	ICAL R^2	0.949	>0.990	ND(0.11) J	
						Acrolein	CCAL %D	39.2%	<25%	ND(0.11) J	
						Vinyl Acetate	CCAL %D	30.4%	<25%	ND(0.0055) J	
2F0P355	RAA4-K19 (0 - 1)	6/13/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						Acetone	CCAL %D	26.8%	<25%	ND(0.022) J	
						Acrolein	ICAL R^2	0.949	>0.990	ND(0.11) J	
						Acrolein	CCAL %D	39.2%	<25%	ND(0.11) J	
						Vinyl Acetate	CCAL %D	30.4%	<25%	ND(0.0055) J	
2F0P355	RAA4-K19 (0 - 15)	6/13/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.12) J	
						Acetone	CCAL %D	26.8%	<25%	0.060 J	
						Acrolein	ICAL R^2	0.949	>0.990	ND(0.12) J	
						Acrolein	CCAL %D	39.2%	<25%	ND(0.12) J	
						Toluene	MS/MSD RPD	21.0%	<13%	0.0059 J	
						Vinyl Acetate	CCAL %D	30.4%	<25%	ND(0.0061) J	
2F0P355	RAA4-L8 (0 - 1)	6/13/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						1,4-Dioxane	CCAL %D	28.0%	<25%	ND(0.11) J	
						Acrolein	ICAL R^2	0.949	>0.990	ND(0.11) J	
						Isobutanol	CCAL %D	0.344	<25%	ND(0.11) J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2F0P355	RAA4 M21 (0 - 1)	6/13/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.10) J	
						Acetone	CCAL %D	26.8%	<25%	ND(0.021) J	
						Acrolein	ICAL R^2	0.949	>0.990	ND(0.10) J	
						Acrolein	CCAL %D	39.2%	<25%	ND(0.10) J	
						Vinyl Acetate	CCAL %D	30.4%	<25%	ND(0.0053) J	
2F0P355	RAA4-M21 (3 - 6)	6/13/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						Acetone	CCAL %D	26.8%	<25%	0.036 J	
						Acrolein	ICAL R^2	0.949	>0.990	ND(0.11) J	
						Acrolein	CCAL %D	39.2%	<25%	ND(0.11) J	
						Vinyl Acetate	CCAL %D	30.4%	<25%	ND(0.0056) J	
2F0P391	RAA4 H17 (0 - 1)	6/14/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						1,4-Dioxane	CCAL %D	28.0%	<25%	ND(0.11) J	
						Acrolein	ICAL R^2	0.949	>0.990	ND(0.11) J	
						Isobutanol	CCAL %D	34.4%	<25%	ND(0.11) J	
2F0P391	RAA4-M23 (0 - 1)	6/14/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						Acrolein	ICAL R^2	0.949	>0.990	ND(0.11) J	
						Acrolein	CCAL %D	97.4%	<25%	ND(0.11) J	
2F0P391	RAA4-O25 (0 - 1)	6/14/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						Acetone	CCAL %D	26.8%	<25%	ND(0.023) J	
						Acrolein	ICAL R^2	0.949	>0.990	ND(0.11) J	
						Acrolein	CCAL %D	39.2%	<25%	ND(0.11) J	
						Vinyl Acetate	CCAL %D	30.4%	<25%	ND(0.0057) J	
2F0P391	RAA4-O25 (3 - 6)	6/14/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.29) J	
						1,4-Dioxane	CCAL %D	28.0%	<25%	ND(0.29) J	
						Acrolein	ICAL R^2	0.949	>0.990	ND(0.58) J	
						Isobutanol	CCAL %D	34.4%	<25%	ND(0.58) J	
2F0P391	RINSE BLANK-061402-1	6/14/2002	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
						2-Chloroethylvinylether	CCAL %D	34.8%	<25%	ND(0.0050) J	
						Acetone	ICAL RRF	0.049	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.049	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.032	>0.05	ND(0.10) J	
						Acrylonitrile	ICAL RRF	0.021	>0.05	ND(0.0050) J	
						Bromoform	CCAL %D	34.0%	<25%	ND(0.0050) J	
						Tetrachloroethene	CCAL %D	28.0%	<25%	ND(0.0029) J	
2F0P416	RAA4 DUP-18 (6 - 15)	6/17/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.37) J	RAA4-K27
						Acrolein	ICAL R^2	0.949	>0.990	ND(0.74) J	
						Benzene	Field Duplicate RPD (Soil)	61.7%	<50%	0.074 J	
						Ethylbenzene	Field Duplicate RPD (Soil)	55.1%	<50%	0.75 J	
						Isobutanol	CCAL %D	34.4%	<25%	ND(0.74) J	
2F0P416	RAA4-I9 (6 - 15)	6/17/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						Acrolein	ICAL R^2	0.949	>0.990	ND(0.11) J	
						Isobutanol	CCAL %D	0.344	<25%	ND(0.11) J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2F0P416	RAA4-K07 (1 - 3)	6/17/2002	Soil	Tier II	Yes	1,1,1,2-Tetrachloroethane	Internal Standard Chlorobenzene-d5 %R	42.5%	50% to 200%	ND(0.0058) J	Report original analysis.
						1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	33.0%	50% to 200%	ND(0.0058) J	
						1,1,2-Trichloroethane	Internal Standard Chlorobenzene-d5 %R	42.5%	50% to 200%	ND(0.0058) J	
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	33.0%	50% to 200%	ND(0.0058) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	33.0%	50% to 200%	ND(0.0058) J	
						1,2-Dibromoethane	Internal Standard Chlorobenzene-d5 %R	42.5%	50% to 200%	ND(0.0058) J	
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.12) J	
						2-Hexanone	Internal Standard Chlorobenzene-d5 %R	42.5%	50% to 200%	ND(0.012) J	
						Acetone	Surrogate Recovery	123.0%	50% to 200%	0.038 J	
						Benzene	Surrogate Recovery	123.0%	50% to 200%	0.011 J	
						Bromoform	Internal Standard Chlorobenzene-d5 %R	42.5%	50% to 200%	ND(0.0058) J	
						Chlorobenzene	Internal Standard Chlorobenzene-d5 %R	42.5%	50% to 200%	22 J	
						Chlorobenzene	Surrogate Recovery	123.0%	70% to 121%	22 J	
						Dibromochloromethane	Internal Standard Chlorobenzene-d5 %R	42.5%	50% to 200%	ND(0.0058) J	
						Ethyl Methacrylate	Internal Standard Chlorobenzene-d5 %R	42.5%	50% to 200%	ND(0.0058) J	
						Ethylbenzene	Internal Standard Chlorobenzene-d5 %R	42.5%	50% to 200%	0.0095 J	
						Ethylbenzene	Surrogate Recovery	123.0%	70% to 121%	0.0095 J	
						Isobutanol	CCAL %D	34.4%	<25%	ND(0.12) J	
						Styrene	Internal Standard Chlorobenzene-d5 %R	42.5%	50% to 200%	ND(0.0058) J	
						Tetrachloroethene	Internal Standard Chlorobenzene-d5 %R	42.5%	50% to 200%	0.081 J	
						Tetrachloroethene	Surrogate Recovery	123.0%	70% to 121%	0.081 J	
						Toluene	Internal Standard Chlorobenzene-d5 %R	42.5%	50% to 200%	0.010 J	
						Toluene	Surrogate Recovery	123.0%	70% to 121%	0.010 J	
						trans-1,3-Dichloropropene	Internal Standard Chlorobenzene-d5 %R	42.5%	50% to 200%	ND(0.0058) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	33.0%	50% to 200%	ND(0.0058) J	
						Trichloroethene	Surrogate Recovery	123.0%	70% to 121%	0.010 J	
						Xylenes (total)	Internal Standard Chlorobenzene-d5 %R	42.5%	50% to 200%	0.040 J	
						Xylenes (total)	Surrogate Recovery	123.0%	70% to 121%	0.040 J	
2F0P416	RAA4-K27 (6 - 15)	6/17/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.37) J	
						Acrolein	ICAL R^2	0.949	>0.990	ND(0.74) J	
						Benzene	Field Duplicate RPD (Soil)	61.7%	<50%	0.14 J	
						Ethylbenzene	Field Duplicate RPD (Soil)	55.1%	<50%	0.44 J	
						Isobutanol	CCAL %D	34.4%	<25%	ND(0.74) J	
2F0P416	RAA4-K31 (3 - 6)	6/17/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						Acrolein	ICAL R^2	0.949	>0.990	ND(0.11) J	
						Isobutanol	CCAL %D	34.4%	<25%	ND(0.11) J	
2F0P416	RINSE BLANK-061702-1	6/17/2002	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
						2-Chloroethylvinylether	CCAL %D	34.8%	<25%	ND(0.0050) J	
						Acetone	ICAL RRF	0.049	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.049	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.032	>0.05	ND(0.10) J	
						Acrylonitrile	ICAL RRF	0.021	>0.05	ND(0.0050) J	
						Bromoform	CCAL %D	34.0%	<25%	ND(0.0050) J	
						Tetrachloroethene	CCAL %D	28.0%	<25%	ND(0.0020) J	
2F0P440	RAA4-M20 (1 - 3)	6/18/2002	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	
						trans-1,4-Dichloro-2-butene	CCAL %D	30.0%	<25%	ND(0.0051) J	
2F0P440	RAA4-Q6 (1 - 3)	6/18/2002	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	
						trans-1,4-Dichloro-2-butene	CCAL %D	30.0%	<25%	ND(0.0054) J	
2F0P514	RAA4-DUP-20 (6 - 1)	6/20/2002	Soil	Tier II	Yes	1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	45.0%	50% to 200%	ND(0.0064) J	RAA4-H33 Report original analysis
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	45.0%	50% to 200%	ND(0.0064) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	45.0%	50% to 200%	ND(0.0064) J	
						1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.13) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	45.0%	50% to 200%	ND(0.0064) J	
2F0P514	RAA4-G33 (6 - 15)	6/20/2002	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	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2F0P514	RAA4-H31 (1 - 0)	6/20/2002	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	
2F0P514	RAA4-H33 (0 - 1)	6/20/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.13) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
2F0P570	RAA4-G31 (0 - 1)	6/24/2002	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	
2F0P570	RAA4-G34 (0 - 1)	6/24/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.13) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
2F0P570	RAA4-I3 (0 - 1)	6/24/2002	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	
2F0P590	RAA4-I30 (0 - 1)	6/25/2002	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	
						Isobutanol	CCAL %D	26.0%	<25%	ND(0.12) J	
2F0P590	RAA4-J28 (0 - 1)	6/25/2002	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	
						Isobutanol	CCAL %D	26.0%	<25%	ND(0.11) J	
2F0P590	RAA4-J30 (0 - 1)	6/25/2002	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	
						Isobutanol	CCAL %D	26.0%	<25%	ND(0.11) J	
2F0P590	RAA4-L28 (0 - 1)	6/25/2002	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	
						Isobutanol	CCAL %D	26.0%	<25%	ND(0.11) J	
2F0P590	RAA4-L31 (0 - 1)	6/25/2002	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	
						Isobutanol	CCAL %D	26.0%	<25%	ND(0.11) J	
2F0P590	RAA4-M8 (0 - 1)	6/25/2002	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	
						Isobutanol	CCAL %D	26.0%	<25%	ND(0.11) J	
2F0P590	RINSE BLANK 062502-1	6/25/2002	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
						Acetone	ICAL RRF	0.049	>0.05	ND(0.016) J	
						Acetonitrile	ICAL RRF	0.049	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.032	>0.05	ND(0.10) J	
						Acrylonitrile	ICAL RRF	0.021	>0.05	ND(0.0050) J	
2F0P624	RAA4-DUP-21 (0 - 1)	6/26/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.12) J	RAA4-R4
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
2F0P624	RAA4-O16 (0 - 1)	6/26/2002	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	
2F0P624	RAA4-O4 (0 - 1)	6/26/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
2F0P624	RAA4-P14 (0 - 1)	6/26/2002	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	
2F0P624	RAA4-P6 (0 - 1)	6/26/2002	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	
2F0P624	RAA4-Q8 (0 - 1)	6/26/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
2F0P624	RAA4-R4 (0 - 1)	6/26/2002	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	
2F0P624	RAA4-R5 (0 - 1)	6/26/2002	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	
2F0P692	RAA4-O19 (1 - 3)	6/27/2002	Soil	Tier II	Yes	1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	40.0%	50% to 200%	ND(0.0058) J	Report reanalysis.
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	40.0%	50% to 200%	ND(0.0056) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	40.0%	50% to 200%	ND(0.0056) J	
						1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	0.4	50% to 200%	ND(0.0058) J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2F0P662	RAA4-Q05 (3 - 6)	6/27/2002	Soil	Tier II	Yes	1,1,1,2-Tetrachloroethane	Internal Standard Chlorobenzene-d5 %R	47.0%	50% to 200%	ND(0.0055) J	
						1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	38.0%	50% to 200%	ND(0.0055) J	
						1,1,2-Trichloroethane	Internal Standard Chlorobenzene-d5 %R	47.0%	50% to 200%	ND(0.0055) J	
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	38.0%	50% to 200%	ND(0.0055) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	38.0%	50% to 200%	ND(0.0055) J	
						1,2-Dibromoethane	Internal Standard Chlorobenzene-d5 %R	47.0%	50% to 200%	ND(0.0055) J	
						1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						1,4-Dioxane	Internal Standard Chlorobenzene-d5 %R	47.0%	50% to 200%	ND(0.11) J	
						2-Hexanone	Internal Standard Chlorobenzene-d5 %R	47.0%	50% to 200%	ND(0.011) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						Bromoform	Internal Standard Chlorobenzene-d5 %R	47.0%	50% to 200%	ND(0.0055) J	
						Chlorobenzene	Internal Standard Chlorobenzene-d5 %R	47.0%	50% to 200%	ND(0.0055) J	
						Dibromochloromethane	Internal Standard Chlorobenzene-d5 %R	47.0%	50% to 200%	ND(0.0055) J	
						Ethyl Methacrylate	Internal Standard Chlorobenzene-d5 %R	47.0%	50% to 200%	ND(0.0055) J	
						Styrene	Internal Standard Chlorobenzene-d5 %R	47.0%	50% to 200%	ND(0.0055) J	
						Tetrachloroethene	Internal Standard Chlorobenzene-d5 %R	47.0%	50% to 200%	ND(0.0055) J	
						Toluene	Internal Standard Chlorobenzene-d5 %R	47.0%	50% to 200%	ND(0.0055) J	
						trans-1,3-Dichloropropene	Internal Standard Chlorobenzene-d5 %R	47.0%	50% to 200%	ND(0.0055) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	38.0%	50% to 200%	ND(0.0055) J	
						Xylenes (total)	Internal Standard Chlorobenzene-d5 %R	47.0%	50% to 200%	ND(0.0055) J	
2F0P700	RAA4-G11 (1 - 6)	6/28/2002	Soil	Tier II	Yes	1,2-Dibromo-3-chloropropane	CCAL %D	25.2%	<25%	ND(0.0052) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						Propionitrile	CCAL %D	28.4%	<25%	ND(0.010) J	
2F0P700	RAA4-M13 (1 - 3)	6/28/2002	Soil	Tier II	Yes	1,2-Dibromo-3-chloropropane	CCAL %D	25.2%	<25%	ND(0.0058) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.12) J	
						Propionitrile	CCAL %D	28.4%	<25%	ND(0.012) J	
2G0P048	RAA4-G7 (6 - 15)	7/2/2002	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	
						trans-1,4-Dichloro-2-butene	CCAL %D	30.0%	<25%	ND(0.0059) J	
2G0P048	RAA4-I13 (0 - 1)	7/2/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	30.0%	<25%	ND(0.0052) J	
2G0P048	RAA4-K11 (1 - 6)	7/2/2002	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	
						trans-1,4-Dichloro-2-butene	CCAL %D	30.0%	<25%	ND(0.0055) J	
2G0P048	RAA4-M11 (0 - 1)	7/2/2002	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	
						trans-1,4-Dichloro-2-butene	CCAL %D	30.0%	<25%	ND(0.0056) J	
2G0P048	RINSE BLANK 070202-1	7/2/2002	Water	Tier II	Yes	Acrolein	ICAL RRF	0.036	>0.05	ND(0.10) J	
						Isobutanol	ICAL RRF	0.014	>0.05	ND(0.10) J	
						Propionitrile	ICAL RRF	0.016	>0.05	ND(0.010) J	
2G0P138	RAA4-I8 (6 - 15)	7/3/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.14) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	31.2%	<25%	ND(0.0069) J	
2G0P136	RAA4-M7 (0 - 1)	7/3/2002	Soil	Tier II	Yes	1,1,2,2-Tetrachloroethane	Internal Standard 1,2-Dichlorobenzene-d4 %R	46.3%	50% to 200%	ND(0.0054) J	Report original analysis
						1,2,3-Trichloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	46.3%	50% to 200%	ND(0.0054) J	
						1,2-Dibromo-3-chloropropane	Internal Standard 1,2-Dichlorobenzene-d4 %R	46.3%	50% to 200%	ND(0.0054) J	
						1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	31.2%	<25%	ND(0.0054) J	
						trans-1,4-Dichloro-2-butene	Internal Standard 1,2-Dichlorobenzene-d4 %R	46.3%	50% to 200%	ND(0.0054) J	
2G0P138	RAA4-O7 (0 - 1)	7/3/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	31.2%	<25%	ND(0.0053) J	
2G0P138	RAA4-O7 (1 - 3)	7/3/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	0.312	<25%	ND(0.0052) J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2G0P130	RAA4-F43 (6 - 15)	7/8/2002	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	
						trans-1,4-Dichloro-2-butene	CCAL %D	31.2%	<25%	ND(0.0056) J	
2G0P130	RAA4-M15 (0 - 1)	7/8/2002	Soil	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.10) J	
						trans-1,4-Dichloro-2-butene	CCAL %D	31.2%	<25%	ND(0.0050) J	
2G0P130	RAA4-M15 (3 - 6)	7/8/2002	Soil	Tier II	Yes	1,1,2,2-Tetrachloroethane	CCAL %D	34.8%	<25%	ND(0.0055) J	
						1,4-Dioxane	ICAL RRF	0.009	>0.05	ND(0.11) J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.11) J	
2G0P139	RAA4-P3 (0 - 1)	7/8/2002	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	
						trans-1,4-Dichloro-2-butene	CCAL %D	31.2%	<25%	ND(0.0055) J	
2G0P210	G2-64G-01	7/10/2002	Water	Tier II	Yes	2-Chloroethylvinylether	ICAL %RSD	31.6%	<30%	ND(0.0050) J	
						Acrolein	ICAL RRF	0.028	>0.05	ND(0.10) J	
						Acrylonitrile	CCAL %D	28.0%	<25%	ND(0.0050) J	
						Bromomethane	CCAL %D	31.4%	<25%	ND(0.0050) J	
2G0P210	G2-64G-05	7/10/2002	Water	Tier II	Yes	2-Chloroethylvinylether	ICAL %RSD	31.6%	<30%	ND(0.0050) J	
						Acrolein	ICAL RRF	0.028	>0.05	ND(0.10) J	
						Bromomethane	CCAL %D	31.4%	<25%	ND(0.0050) J	
2G0P210	G2-64G-09	7/10/2002	Water	Tier II	Yes	2-Chloroethylvinylether	ICAL %RSD	31.6%	<30%	ND(0.0050) J	
						Acrolein	ICAL RRF	0.028	>0.05	ND(0.10) J	
						Acrylonitrile	CCAL %D	28.0%	<25%	ND(0.0050) J	
						Bromomethane	CCAL %D	31.4%	<25%	ND(0.0050) J	
2G0P210	G2-64G-13	7/10/2002	Water	Tier II	Yes	2-Chloroethylvinylether	ICAL %RSD	31.6%	<30%	ND(0.0050) J	
						Acrolein	ICAL RRF	0.028	>0.05	ND(0.10) J	
						Acrylonitrile	CCAL %D	28.0%	<25%	ND(0.0050) J	
						Bromomethane	CCAL %D	31.4%	<25%	ND(0.0050) J	
2H0P609	H2-64G-01	8/27/2002	Water	Tier II	Yes	Acrolein	ICAL RRF	0.022	>0.05	ND(0.10) J	
2H0P609	H2-64G-05	8/27/2002	Water	Tier II	Yes	Acrolein	ICAL RRF	0.022	>0.05	ND(0.10) J	
2H0P609	H2-64G-09	8/27/2002	Water	Tier II	Yes	Acrolein	ICAL RRF	0.022	>0.05	ND(0.10) J	
2H0P609	H2-64G-13	8/27/2002	Water	Tier II	Yes	Acrolein	ICAL RRF	0.022	>0.05	ND(0.10) J	
2J0P577	RAA4-D0P-25 (1 - 6)	10/18/2002	Soil	Tier II	Yes	1,1-Dichloroethane	Field Duplicate RPD (Soil)	66.7%	<50%	0.018 J	RAA4-N27
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.14) J	
						Methylene Chloride	Field Duplicate RPD (Soil)	98.1%	<50%	0.041 J	
						Vinyl Acetate	CCAL %D	30.8%	<25%	ND(0.0069) J	
2J0P577	RAA4-N27 (1 - 6)	10/18/2002	Soil	Tier II	Yes	1,1-Dichloroethane	Field Duplicate RPD (Soil)	66.7%	<50%	0.036 J	
						Acrolein	ICAL RRF	0.002	>0.05	ND(0.13) J	
						Methylene Chloride	Field Duplicate RPD (Soil)	98.1%	<50%	0.12 J	
2J0P577	RAA4-O3 (6 - 15)	10/18/2002	Soil	Tier II	Yes	Acrolein	ICAL RRF	0.002	>0.05	ND(0.15) J	
2J0P577	RB-101802-1 (0 - 0)	10/18/2002	Water	Tier II	Yes	Acetonitrile	ICAL RRF	0.048	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.005	>0.05	ND(0.10) J	
						Acrylonitrile	ICAL RRF	0.024	>0.05	ND(0.0050) J	
						Hexachlorobutadiene	CCAL %D	25.6%	<25%	ND(0.0010) J	
						Tetrachloroethene	CCAL %D	29.2%	<25%	ND(0.0020) J	
SVOCs											
2D0P611	RAA4-C27 (3 - 1)	4/22/2002	Soil	Tier II	Yes	2,6-Dinitrotoluene	CCAL %D	27.7%	<25%	ND(0.46) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.77) J	
						Benzidine	CCAL %D	32.3%	<25%	ND(3.92) J	
2D0P611	RAA4-F39 (0 - 1)	4/22/2002	Soil	Tier II	Yes	2,6-Dinitrotoluene	CCAL %D	27.7%	<25%	ND(0.35) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.71) J	
						Benzidine	CCAL %D	32.3%	<25%	ND(0.71) J	
2D0P611	RAA4-I21 (0 - 1)	4/22/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.62) J	
2D0P611	RAA4-K30 (0 - 1)	4/22/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.74) J	
2D0P611	RAA4-M30 (0 - 1)	4/22/2002	Soil	Tier II	Yes	2,6-Dinitrotoluene	CCAL %D	27.7%	<25%	ND(0.36) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.73) J	
						Benzidine	CCAL %D	32.3%	<25%	ND(0.73) J	
2D0P633	RAA4-D29 (0 - 1)	4/23/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.73) J	
2D0P633	RAA4-D34 (0 - 1)	4/23/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.76) J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2D0P633	RAA4-D34 (6 - 15)	4/23/2002	Soil	Tier II	Yes	2,6-Dinitrotoluene	CCAL %D	27.7%	<25%	ND(0.41) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.82) J	
						Benzidine	CCAL %D	32.3%	<25%	ND(0.82) J	
2D0P633	RAA4-E36 (0 - 1)	4/23/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.74) J	
2D0P633	RAA4-G36 (0 - 1)	4/23/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.75) J	
2D0P633	RAA4-G35 (1 - 6)	4/23/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	1.031	>0.05	ND(0.76) J	
2D0P633	RAA4-H35 (0 - 1)	4/23/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	2.031	>0.05	ND(0.76) J	
2D0P666	RAA4-42402-1	4/24/2002	Water	Tier II	Yes	2,6-Dinitrotoluene	CCAL %D	35.4%	<25%	ND(0.010) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.010) J	
						Benzidine	CCAL %D	49.8%	<25%	ND(0.020) J	
2D0P666	RAA4-D25 (0 - 1)	4/24/2002	Soil	Tier II	Yes	2,6-Dinitrotoluene	CCAL %D	41.6%	<25%	ND(0.53) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.71) J	
2D0P666	RAA4-E23 (0 - 1)	4/24/2002	Soil	Tier II	Yes	2,6-Dinitrotoluene	CCAL %D	41.6%	<25%	ND(0.35) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.71) J	
2D0P666	RAA4-E31 (0 - 1)	4/24/2002	Soil	Tier II	Yes	2,6-Dinitrotoluene	CCAL %D	41.6%	<25%	ND(0.37) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.75) J	
2D0P666	RAA4-E31 (1 - 6)	4/24/2002	Soil	Tier II	Yes	2,6-Dinitrotoluene	CCAL %D	41.6%	<25%	ND(0.38) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.78) J	
2D0P666	RAA4-F41 (0 - 1)	4/24/2002	Soil	Tier II	Yes	2,6-Dinitrotoluene	CCAL %D	41.6%	<25%	ND(0.36) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.72) J	
2D0P697	RAA4-DUP-1 (0 - 15)	4/25/2002	Soil	Tier II	Yes	2,6-Dinitrotoluene	CCAL %D	32.7%	<25%	ND(7.3) J	RAA4-I23
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(7.3) J	
2D0P697	RAA4-I15 (0 - 1)	4/25/2002	Soil	Tier II	Yes	2,6-Dinitrotoluene	CCAL %D	32.7%	<25%	ND(0.57) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.76) J	
						Phenol	Exceeds CAL Range	-	-	12 EJ	
2D0P697	RAA4-I23 (0 - 1)	4/25/2002	Soil	Tier II	Yes	2,6-Dinitrotoluene	CCAL %D	32.7%	<25%	ND(0.49) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.76) J	
2D0P697	RAA4-I23 (6 - 15)	4/25/2002	Soil	Tier II	Yes	2,6-Dinitrotoluene	CCAL %D	32.7%	<25%	ND(4.2) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(4.2) J	
2D0P697	RAA4-K23 (0 - 1)	4/25/2002	Soil	Tier II	Yes	2,6-Dinitrotoluene	CCAL %D	32.7%	<25%	ND(0.58) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.72) J	
2D0P697	RAA4-M5 (0 - 1)	4/25/2002	Soil	Tier II	Yes	2,6-Dinitrotoluene	CCAL %D	32.7%	<25%	ND(0.50) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.77) J	
2D0P697	RAA4-O1 (0 - 1)	4/25/2002	Soil	Tier II	Yes	2,6-Dinitrotoluene	CCAL %D	32.7%	<25%	ND(0.37) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.74) J	
2E0P356	RAA4-E40 (0 - 1)	5/13/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	36.6%	<25%	ND(0.82) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.82) J	
						Benzidine	CCAL %D	31.1%	<25%	ND(0.82) J	
2E0P356	RAA4-F42 (1 - 6)	5/13/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	36.6%	<25%	ND(0.82) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.82) J	
						Benzidine	CCAL %D	31.1%	<25%	ND(0.82) J	
2E0P393	RAA4-E38 (0 - 1)	5/14/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	37.5%	<25%	ND(0.77) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.77) J	
						Benzidine	CCAL %D	31.2%	<25%	ND(0.77) J	
						Benzyl Alcohol	CCAL %D	26.4%	<25%	ND(0.77) J	
2E0P393	RAA4-F37 (0 - 1)	5/14/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	37.5%	<25%	ND(0.71) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.71) J	
						Benzidine	CCAL %D	31.2%	<25%	ND(0.71) J	
						Benzyl Alcohol	CCAL %D	0.264	<25%	ND(0.71) J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2E0P393	RAA4-G36 (0 - 1)	5/14/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	37.5%	<25%	ND(0.74) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.74) J	
						Benzidine	CCAL %D	31.2%	<25%	ND(0.74) J	
						Benzyl Alcohol	CCAL %D	26.4%	<25%	ND(0.74) J	
2E0P415	RAA4-B35 (0 - 1)	5/15/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	36.6%	<25%	ND(0.86) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.86) J	
						Benzidine	CCAL %D	31.1%	<25%	ND(0.86) J	
2E0P415	RAA4-C36 (0 - 1)	5/15/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	36.6%	<25%	ND(0.74) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.74) J	
						Benzidine	CCAL %D	31.1%	<25%	ND(0.74) J	
2E0P415	RAA4-C36 (1 - 6)	5/15/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	36.6%	<25%	ND(0.72) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.72) J	
						Benzidine	CCAL %D	31.1%	<25%	ND(0.72) J	
2E0P447	RAA4-A33 (0 - 1)	5/16/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	36.6%	<25%	ND(0.82) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.82) J	
						Benzidine	CCAL %D	31.1%	<25%	ND(0.82) J	
2E0P447	RAA4-A35 (0 - 1)	5/16/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	36.6%	<25%	ND(0.75) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.75) J	
						Benzidine	CCAL %D	31.1%	<25%	ND(0.75) J	
2E0P493	RAA4-B34 (1 - 6)	5/16/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	37.5%	<25%	ND(0.86) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.86) J	
						Benzidine	CCAL %D	31.2%	<25%	ND(0.86) J	
						Benzyl Alcohol	CCAL %D	26.4%	<25%	ND(0.86) J	
2E0P493	RAA4-C35 (5 - 15)	5/17/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	37.5%	<25%	ND(0.85) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.85) J	
						Benzidine	CCAL %D	31.2%	<25%	ND(0.85) J	
						Benzyl Alcohol	CCAL %D	26.4%	<25%	ND(0.85) J	
2E0P493	RAA4-E35 (0 - 1)	5/17/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	37.5%	<25%	ND(0.98) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.98) J	
						Benzidine	CCAL %D	31.2%	<25%	ND(0.98) J	
						Benzyl Alcohol	CCAL %D	26.4%	<25%	ND(0.98) J	
2E0P493	RAA4-E35 (6 - 15)	5/17/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	37.5%	<25%	ND(0.97) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.97) J	
						Benzidine	CCAL %D	31.2%	<25%	ND(0.97) J	
						Benzyl Alcohol	CCAL %D	26.4%	<25%	ND(0.97) J	
2E0P540	RAA4-B29 (0 - 1)	5/20/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.80) J	
						Benzyl Alcohol	CCAL %D	26.5%	<25%	ND(0.80) J	
						Hexachloroethane	CCAL %D	38.3%	<25%	ND(0.40) J	
						Benzo(a)pyrene	Dilution	53.2%	<20%	5.8 J	Original result 2.9
						Benzo(b)fluoranthene	Dilution	53.2%	<20%	3.6 J	Original result 1.8
						Benzo(g,h,i)perylene	Dilution	53.2%	<20%	5.2 J	Original result 2.2
						Benzo(k)fluoranthene	Dilution	53.2%	<20%	4.6 J	Original result 2.5
						Indeno(1,2,3-cd)pyrene	Dilution	53.2%	<20%	4.9 J	Original result 1.9
2E0P540	RAA4-C31 (0 - 1)	5/20/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.76) J	
						Benzyl Alcohol	CCAL %D	26.5%	<25%	ND(0.76) J	
						Hexachloroethane	CCAL %D	38.3%	<25%	ND(0.38) J	
2E0P540	RAA4-C33 (0 - 1)	5/20/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.73) J	
						Benzyl Alcohol	CCAL %D	26.5%	<25%	ND(1.4) J	
						Hexachloroethane	CCAL %D	38.3%	<25%	ND(0.73) J	
2E0P554	RAA4-C29 (1 - 6)	5/21/2002	Soil	Tier II	Yes	2-Nitroaniline	CCAL %D	26.9%	<25%	ND(1.9) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.77) J	
						Hexachloroethane	CCAL %D	30.4%	<25%	ND(0.38) J	
						Dibenzo(a,h)anthracene	Dilution	69.0%	<20%	7.6 J	Original result 3.7
2E0P554	RAA4-D33 (0 - 1)	5/21/2002	Soil	Tier II	Yes	2-Nitroaniline	CCAL %D	26.9%	<25%	ND(1.9) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.76) J	
						Hexachloroethane	CCAL %D	30.4%	<25%	ND(0.38) J	
2E0P554	RAA4-E29 (0 - 1)	5/21/2002	Soil	Tier II	Yes	2-Nitroaniline	CCAL %D	26.9%	<25%	ND(1.9) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.77) J	
						Hexachloroethane	CCAL %D	0.304	<25%	ND(0.38) J	

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EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2E0P554	RINSE BLANK-052102	5/21/2002	Water	Tier II	Yes	2-Nitroaniline	CCAL %D	28.9%	<25%	ND(0.050) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.010) J	
						Hexachloroethane	CCAL %D	30.4%	<25%	ND(0.010) J	
2E0P595	RAA4-DUP-5 (0 - 1)	5/22/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.78) J	RAA4-F29
						Aniline	Field Duplicate RPD (Soil)	92.1%	<50%	6.5 J	
						bis(2-Ethylhexyl)phthalate	Field Duplicate RPD (Soil)	119.3%	<50%	3.5 J	
2E0P595	RAA4-F29 (0 - 1)	5/22/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.71) J	
						Aniline	Field Duplicate RPD (Soil)	92.1%	<50%	1.2 J	
						bis(2-Ethylhexyl)phthalate	Field Duplicate RPD (Soil)	119.3%	<50%	0.49 J	
2E0P595	RAA4-G27 (0 - 1)	5/22/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.75) J	
2E0P595	RAA4-H29 (0 - 1)	5/22/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.80) J	
2E0P710	RAA4-F34 (0 - 1)	5/28/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	26.2%	<25%	ND(0.94) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.95) J	
						Benzidine	CCAL %D	33.9%	<25%	ND(0.94) J	
						Hexachlorocyclopentadiene	CCAL %D	25.6%	<25%	ND(0.47) J	
2E0P710	RAA4-F34 (1 - 6)	5/28/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	28.2%	<25%	ND(0.76) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.76) J	
						Benzidine	CCAL %D	33.9%	<25%	ND(0.76) J	
						Hexachlorocyclopentadiene	CCAL %D	25.6%	<25%	ND(0.38) J	
2E0P710	RAA4-F35 (0 - 15)	5/28/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	28.2%	<25%	ND(0.78) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.78) J	
						Benzidine	CCAL %D	33.9%	<25%	ND(0.78) J	
						Hexachlorocyclopentadiene	CCAL %D	25.6%	<25%	ND(0.39) J	
2E0P721	RAA4-K25 (10 - 12)	5/29/2002	Soil	Tier II	Yes	2-Nitroaniline	CCAL %D	35.4%	<25%	ND(25) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(5.0) J	
2E0P721	RAA4-M27 (0 - 1)	5/29/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	28.2%	<25%	ND(0.76) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.78) J	
						Benzidine	CCAL %D	33.9%	<25%	ND(0.76) J	
						Hexachlorocyclopentadiene	CCAL %D	25.6%	<25%	ND(0.38) J	
2E0P759	RAA4-J21 (0 - 1)	5/30/2002	Soil	Tier II	Yes	2-Nitroaniline	CCAL %D	35.4%	<25%	ND(1.8) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.70) J	
2E0P759	RAA4-J23 (1 - 6)	5/30/2002	Soil	Tier II	Yes	2-Nitroaniline	CCAL %D	35.4%	<25%	ND(1.9) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.74) J	
2E0P759	RAA4-J23 (13 - 15)	5/30/2002	Soil	Tier II	Yes	2-Nitroaniline	CCAL %D	35.4%	<25%	ND(1.9) J	Report original analysis
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.75) J	
2F0P041	RAA4-I25 (0 - 1)	6/3/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	0.96 J	
						Benzyl Alcohol	CCAL %D	37.0%	<25%	1.9 J	
2F0P041	RAA4-K25 (0 - 1)	6/3/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	0.81 J	
						Benzyl Alcohol	CCAL %D	0.37	<25%	1.6 J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2F0P071	RAA4-CUP-9 (0 - 1)	6/4/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.72) J	RAA4-F21
						Benzo(a)anthracene	Field Duplicate RPD (Soil)	122.6%	<50%	0.24 J	
						Benzo(a)pyrene	Field Duplicate RPD (Soil)	111.5%	<50%	0.25 J	
						Benzo(b)fluoranthene	Field Duplicate RPD (Soil)	117.6%	<50%	0.21 J	
						Benzo(g,h,i)perylene	Field Duplicate RPD (Soil)	114.0%	<50%	0.20 J	
						Benzo(k)fluoranthene	Field Duplicate RPD (Soil)	122.4%	<50%	0.19 J	
						Benzyl Alcohol	CCAL %D	37.0%	<25%	ND(0.72) J	
						Chrysene	Field Duplicate RPD (Soil)	121.4%	<50%	0.22 J	
						Fluoranthene	Field Duplicate RPD (Soil)	120.6%	<50%	0.52 J	
						Pyrene	Field Duplicate RPD (Soil)	124.6%	<50%	0.44 J	
2F0P071	RAA4-E27 (6 - 15)	6/4/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(1.4) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	43.0%	<25%	ND(2.9) J	
						Benzidine	CCAL %D	36.0%	<25%	ND(1.4) J	
2F0P071	RAA4-F21 (0 - 1)	6/4/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	27.9%	<25%	ND(0.71) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.71) J	
						Benzo(a)anthracene	Field Duplicate RPD (Soil)	122.6%	<50%	1.0 J	
						Benzo(a)pyrene	Field Duplicate RPD (Soil)	111.5%	<50%	0.88 J	
						Benzo(b)fluoranthene	Field Duplicate RPD (Soil)	117.6%	<50%	0.81 J	
						Benzo(g,h,i)perylene	Field Duplicate RPD (Soil)	114.0%	<50%	0.73 J	
						Benzo(k)fluoranthene	Field Duplicate RPD (Soil)	122.4%	<50%	0.79 J	
						Chrysene	Field Duplicate RPD (Soil)	121.4%	<50%	0.90 J	
						Fluoranthene	Field Duplicate RPD (Soil)	120.6%	<50%	2.1 J	
						Pyrene	Field Duplicate RPD (Soil)	124.6%	<50%	1.9 J	
2F0P071	RAA4-F21 (0 - 1)	6/4/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.79) J	
						Benzyl Alcohol	CCAL %D	37.0%	<25%	ND(0.95) J	
						Pyrene	MS/MSD RPD	56.0%	<36%	0.49 J	
2F0P071	RINSE BLANK-060402-1	6/4/2002	Water	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.510) J	
						Benzyl Alcohol	CCAL %D	30.1%	<25%	ND(0.020) J	
2F0P171	RAA4-H34 (1 - 3)	6/6/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	27.9%	<25%	ND(0.65) J	
2F0P171	RAA4-I33 (0 - 1)	6/6/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	27.9%	<25%	ND(1.2) J	
2F0P171	RAA4-I33 (6 - 15)	6/6/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	27.9%	<25%	ND(0.68) J	
2F0P171	RAA4-I34 (0 - 1)	6/6/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	27.9%	<25%	ND(5.5) J	
2F0P171	RAA4-K33 (1 - 3)	6/6/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	27.9%	<25%	ND(0.86) J	
2F0P196	RAA4-E15 (0 - 1)	6/7/2002	Soil	Tier II	Yes	4-Nitroaniline	CCAL %D	30.1%	<25%	ND(1.8) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.71) J	
						Benzidine	CCAL %D	40.2%	<25%	ND(0.71) J	
2F0P196	RAA4-E17 (0 - 1)	6/7/2002	Soil	Tier II	Yes	4-Nitroaniline	CCAL %D	30.1%	<25%	ND(1.8) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.73) J	
						Benzidine	CCAL %D	40.2%	<25%	ND(0.73) J	
2F0P196	RAA4-I19 (6 - 15)	6/7/2002	Soil	Tier II	Yes	4-Nitroaniline	CCAL %D	30.1%	<25%	ND(1.9) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.74) J	
						Benzidine	CCAL %D	40.2%	<25%	ND(0.74) J	
2F0P222	RAA4-M17 (0 - 1)	6/10/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.76) J	
						N-Nitrosodimethylamine	CCAL %D	27.2%	<25%	ND(0.48) J	
2F0P257	RAA4-G5 (6 - 15)	6/11/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.76) J	
						Benzidine	CCAL %D	36.0%	<25%	ND(1.2) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	43.0%	<25%	ND(2.61) J	
2F0P257	RAA4-K3 (1 - 6)	6/11/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.79) J	
						Benzidine	CCAL %D	36.0%	<25%	ND(0.79) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	43.0%	<25%	ND(0.46) J	
2F0P257	RAA4-M3 (0 - 1)	6/11/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.85) J	
						Benzidine	CCAL %D	36.0%	<25%	ND(0.55) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	43.0%	<25%	ND(0.42) J	
2F0P308	RAA4-O13 (0 - 1)	6/12/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.75) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	90.2%	<25%	ND(0.38) J	
2F0P308	RAA4-O3 (1 - 3)	6/12/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.83) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	90.2%	<30%	ND(0.41) J	
2F0P308	RAA4-O9 (0 - 1)	6/12/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.75) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	0.902	<25%	ND(0.37) J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2F0P355	RAA4-DUP-15 (1 - 6)	6/13/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.73) J	RAA4-H7
						Benzo(a)anthracene	Field Duplicate RPD (Soil)	139.0%	<50%	0.35 J	
						Benzo(a)pyrene	Field Duplicate RPD (Soil)	145.2%	<50%	0.46 J	
						Benzo(b)fluoranthene	Field Duplicate RPD (Soil)	133.3%	<50%	0.50 J	
						Benzo(g,h,i)perylene	Field Duplicate RPD (Soil)	170.6%	<50%	0.27 J	
						Benzo(k)fluoranthene	Field Duplicate RPD (Soil)	138.2%	<50%	0.42 J	
						Chrysene	Field Duplicate RPD (Soil)	133.3%	<50%	0.40 J	
						Fluoranthene	Field Duplicate RPD (Soil)	127.9%	<50%	0.55 J	
						Indeno(1,2,3-cd)pyrene	Field Duplicate RPD (Soil)	166.8%	<50%	0.19 J	
						Phenanthrene	Field Duplicate RPD (Soil)	117.4%	<50%	0.19 J	
						Pyrene	Field Duplicate RPD (Soil)	134.2%	<50%	0.63 J	
2F0P355	RAA4-H7 (1 - 6)	6/13/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.74) J	
						Benzo(a)anthracene	Field Duplicate RPD (Soil)	139.0%	<50%	2.9 J	
						Benzo(a)pyrene	Field Duplicate RPD (Soil)	145.2%	<50%	2.8 J	
						Benzo(b)fluoranthene	Field Duplicate RPD (Soil)	133.3%	<50%	2.5 J	
						Benzo(g,h,i)perylene	Field Duplicate RPD (Soil)	170.6%	<50%	3.4 J	
						Benzo(k)fluoranthene	Field Duplicate RPD (Soil)	138.2%	<50%	2.3 J	
						Chrysene	Field Duplicate RPD (Soil)	133.3%	<50%	2.0 J	
						Fluoranthene	Field Duplicate RPD (Soil)	127.9%	<50%	2.5 J	
						Indeno(1,2,3-cd)pyrene	Field Duplicate RPD (Soil)	166.8%	<50%	2.1 J	
						Phenanthrene	Field Duplicate RPD (Soil)	117.4%	<50%	0.73 J	
						Pyrene	Field Duplicate RPD (Soil)	134.2%	<50%	3.2 J	
2F0P355	RAA4-K19 (0 - 1)	6/13/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.75) J	
2F0P355	RAA4-K19 (6 - 15)	6/13/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.82) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	90.2%	<25%	ND(0.41) J	
2F0P355	RAA4-L8 (0 - 1)	6/13/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.76) J	
2F0P355	RAA4-M21 (0 - 1)	6/13/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.71) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	90.2%	<25%	ND(0.35) J	
2F0P355	RAA4-M21 (3 - 6)	6/13/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.74) J	
						Benzidine	CCAL %D	44.9%	<25%	ND(0.74) J	
2F0P391	RAA4-H17 (0 - 1)	6/14/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.73) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	32.6%	<25%	ND(0.36) J	
2F0P391	RAA4-M23 (0 - 1)	6/14/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.70) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	32.6%	<25%	ND(0.38) J	
2F0P391	RAA4-O25 (0 - 1)	6/14/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.77) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	32.6%	<25%	ND(0.38) J	
2F0P391	RAA4-O25 (3 - 6)	6/14/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.79) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	32.6%	<25%	ND(0.43) J	
2F0P391	RINSE BLANK-061402-1	6/14/2002	Water	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.010) J	
2F0P416	RAA4-DUP 18 (6 - 15)	6/17/2002	Soil	Tier II	Yes	1,3-Dichlorobenzene	Field Duplicate RPD (Soil)	106.4%	<50%	0.11 J	RAA4-K27
						1,4-Dichlorobenzene	Field Duplicate RPD (Soil)	154.3%	<50%	0.12 J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.99) J	
						Benzidine	CCAL %D	44.9%	<25%	ND(0.99) J	
2F0P416	RAA4-I9 (0 - 1)	6/17/2002	Soil	Tier II	Yes	4-Nitroaniline	CCAL %D	34.0%	<25%	ND(7.4) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(7.4) J	
						Benzidine	CCAL %D	28.2%	<25%	ND(15) J	
						Benzyl Alcohol	CCAL %D	0.405	<25%	ND(15) J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2F09416	RAA4-K27 (1 - 3)	6/17/2002	Soil	Tier II	Yes	1,2,4,5-Tetrachlorobenzene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						1,2,4-Trichlorobenzene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	0.12 J	
						1,2-Dichlorobenzene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	0.10 J	
						1,2-Diphenylhydrazine	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						1,3,5-Trinitrobenzene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						1,3-Dichlorobenzene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	0.14 J	
						1,3-Dinitrobenzene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						1,4-Dichlorobenzene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	0.36 J	
						1,4-Naphthoquinone	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						1-Naphthylamine	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						2,3,4,6-Tetrachlorophenol	Surrogate Recovery Acid	8.4%	19% to 122%	R	
						2,4,5-Trichlorophenol	Surrogate Recovery Acid	8.4%	19% to 122%	R	
						2,4,6-Trichlorophenol	Surrogate Recovery Acid	8.4%	19% to 122%	R	
						2,4-Dichlorophenol	Surrogate Recovery Acid	8.4%	19% to 122%	R	
						2,4-Dimethylphenol	Surrogate Recovery Acid	8.4%	19% to 122%	R	
						2,4-Dinitrophenol	Surrogate Recovery Acid	8.4%	19% to 122%	R	
						2,4-Dinitrotoluene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						2,6-Dichlorophenol	Surrogate Recovery Acid	8.4%	19% to 122%	R	
						2,6-Dinitrotoluene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						2-Acetylaminofluorene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						2-Chloronaphthalene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						2-Chlorophenol	Surrogate Recovery Acid	8.4%	19% to 122%	R	
						2-Methylnaphthalene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						2-Methylphenol	Surrogate Recovery Acid	8.4%	19% to 122%	R	
						2-Naphthylamine	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						2-Nitroaniline	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						2-Nitrophenol	Surrogate Recovery Acid	8.4%	19% to 122%	R	
						2-Picoline	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						3&4-Methylphenol	Surrogate Recovery Acid	0.084	19% to 122%	R	

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EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2F0P410	RAA4-R27 (1 - 3)	6/17/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						3,3'-Dimethylbenzidine	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						3-Methylcholanthrene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						3-Nitroaniline	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						4,6-Dinitro-2-methylphenol	Surrogate Recovery Acid	8.4%	19% to 122%	R	
						4-Aminobiphenyl	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						4-Bromophenyl-phenylether	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						4-Chloro-3-Methylphenol	Surrogate Recovery Acid	8.4%	19% to 122%	R	
						4-Chloroaniline	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						4-Chlorobenzilate	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						4-Nitroaniline	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						4-Nitrophenol	Surrogate Recovery Acid	8.4%	19% to 122%	R	
						4-Nitroquinoline-1-oxide	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						4-Phenylenediamine	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						5-Nitro-o-toluidine	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						7,12-Dimethylbenz(a)anthracene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						a,a'-Dimethylphenethylamine	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Acenaphthene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Acenaphthylene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Acetophenone	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Aniline	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	0.64 J	
						Anthracene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Aramite	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Benzidine	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Benzo(a)anthracene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Benzo(a)pyrene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Benzo(b)fluoranthene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	0.088 J	
						Benzo(g,h,i)perylene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	0.096 J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2F0P418	RAA4-K27 (1 - 3)	6/17/2002	Soil	Tier II	Yes	Benzo(k)fluoranthene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	0.077 J	
						Benzyl Alcohol	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						bis(2-Chloroethoxy)methane	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						bis(2-Chloroethyl)ether	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						bis(2-Chloroisopropyl)ether	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						bis(2-Ethylhexyl)phthalate	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	9.35 J	
						Butylbenzylphthalate	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Chrysene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Di-n-Butylphthalate	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Di-n-Octylphthalate	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Diallate	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Dibenzo(a,h)anthracene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Dibenzofuran	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Diethylphthalate	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Dimethylphthalate	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Diphenylamine	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Ethyl Methanesulfonate	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Fluoranthene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	0.094 J	
						Fluorene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Hexachlorobenzene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Hexachlorobutadiene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Hexachlorocyclopentadiene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Hexachloroethane	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Hexachlorophene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Hexachloropropene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Indeno(1,2,3-cd)pyrene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Isodrin	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Isophorone	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Isosafrole	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2F0P415	RAA4-K27 (1 - 3)	6/17/2002	Soil	Tier II	Yes	Methapyrilene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Methyl Methanesulfonate	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						N-Nitroso-di-n-butylamine	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						N-Nitroso-di-n-propylamine	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						N-Nitrosodiethylamine	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						N-Nitrosodimethylamine	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						N-Nitrosodiphenylamine	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						N-Nitrosomethylethylamine	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						N-Nitrosomorpholine	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						N-Nitrosopiperidine	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						N-Nitrosopyrrolidine	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Naphthalene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Nitrobenzene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						o,o,o-Triethylphosphorothioate	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						o-Toluidine	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						p-Dimethylaminoazobenzene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Pentachlorobenzene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Pentachloroethane	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Pentachloronitrobenzene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Pentachlorophenol	Surrogate Recovery Acid	8.4%	19% to 122%	R	
						Phenacetin	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Phenanthrene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Phenol	Surrogate Recovery Acid	8.4%	19% to 122%	0.70 J	
						Pronamide	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Pyrene	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	0.21 J	
						Pyridine	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Safrole	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	
						Thionazin	Surrogate Recovery Base-neutral	12.1%,4.3%,4.1%	23% to 120%, 30% to 115%, 18% to 137%	R	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2F0P416	RAA4-K27 (1 - 3)	6/17/2002	Soil	Tier II	Yes	Benzo(b)fluoranthene	Internal Standard Perylene-d12 %R	208.2%	50% to 200%	0.088 J	
						Benzo(g,h,i)perylene	Internal Standard Perylene-d12 %R	208.2%	50% to 200%	0.088 J	
						Benzo(k)fluoranthene	Internal Standard Perylene-d12 %R	208.2%	50% to 200%	0.077 J	
						Fluoranthene	Internal Standard Phenanthrene-d10 %R	238.9%	50% to 200%	0.094 J	
2F0P416	RAA4-K27 (9 - 15)	6/17/2002	Soil	Tier II	Yes	1,3-Dichlorobenzene	Field Duplicate RPD (Soil)	106.4%	<50%	0.36 J	
						1,4-Dichlorobenzene	Field Duplicate RPD (Soil)	154.3%	<50%	0.93 J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.99) J	
						Benzidine	CCAL %D	44.9%	<25%	ND(0.99) J	
2F0P416	RAA4-K31 (3 - 6)	6/17/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.76) J	
						Benzidine	CCAL %D	44.9%	<25%	ND(0.76) J	
2F0P416	RINSE BLANK-061702-1	6/17/2002	Water	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.010) J	
2F0P440	RAA4-M29 (1 - 3)	6/18/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.82) J	
						Benzo(a)pyrene	CCAL %D	27.3%	<25%	ND(0.40) J	
						Benzo(b)fluoranthene	CCAL %D	39.0%	<25%	ND(0.40) J	
2F0P440	RAA4-O6 (1 - 3)	6/18/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.72) J	
						Benzo(a)pyrene	CCAL %D	27.3%	<25%	ND(0.36) J	
						Benzo(b)fluoranthene	CCAL %D	39.0%	<25%	ND(0.36) J	
2F0P514	RAA4-DUP-20 (0 - 1)	6/25/2002	Soil	Tier II	Yes	1,2,4,5-Tetrachlorobenzene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	RAA4-H33 Report original a
						1,2,4-Trichlorobenzene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						1,2-Dichlorobenzene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						1,2-Diphenylhydrazine	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						1,3,5-Trinitrobenzene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						1,3-Dichlorobenzene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						1,3-Dinitrobenzene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.86) J	
						1,4-Dichlorobenzene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						1,4-Naphthoquinone	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.86) J	
						1-Naphthylamine	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.86) J	
						2,4-Dinitrotoluene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						2,6-Dinitrotoluene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						2-Acetylaminofluorene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.86) J	
						2-Chloronaphthalene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						2-Methylnaphthalene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						2-Naphthylamine	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.86) J	
						2-Nitroaniline	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(2.2) J	
						2-Picoline	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						3,3'-Dichlorobenzidine	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.69) J	
						3,3'-Dimethylbenzidine	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						3-Methylcholanthrene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0%	30% to 115%, 23% to 120%, 18% to 137%	ND(0.86) J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2F0P514	RAA4-DUP-20 (0 - 1)	6/20/2002	Soil	Tier II	Yes	3-Nitroaniline	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(2.2) J	
						4-Aminobiphenyl	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.86) J	
						4-Bromophenyl-phenylether	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						4-Chloroaniline	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						4-Chlorobenzilate	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.86) J	
						4-Nitroaniline	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(2.2) J	
						4-Nitroquinoline-1-oxide	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.86) J	
						4-Phenylenediamine	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.86) J	
						5-Nitro-o-toluidine	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.86) J	
						7,12-Dimethylbenz(a)anthracene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.86) J	
						a,a'-Dimethylphenethylamine	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.86) J	
						Acenaphthene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Acenaphthylene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Acetophenone	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Aniline	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	0.20 J	
						Anthracene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Aramite	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.86) J	
						Benzidine	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.86) J	
						Benzo(a)anthracene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Benzo(a)pyrene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Benzo(b)fluoranthene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Benzo(g,h,i)perylene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Benzo(k)fluoranthene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						bis(2-Chloroethoxy)methane	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						bis(2-Chloroethyl)ether	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						bis(2-Chloroisopropyl)ether	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						bis(2-Ethylhexyl)phthalate	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.42) J	
						Butylbenzylphthalate	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2F0PS14	RAA4 DUP-26 (0 - 1)	9/20/2002	Soil	Tier II	Yes	Chrysene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Dallate	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Dibenzo(a,h)anthracene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Dibenzofuran	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.86) J	
						Diethylphthalate	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Dimethylphthalate	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Di-n-Butylphthalate	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Di-n-Octylphthalate	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Diphenylamine	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Ethyl Methanesulfonate	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Fluoranthene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Fluorene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Hexachlorobenzene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Hexachlorobutadiene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Hexachlorocyclopentadiene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Hexachloroethane	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Hexachlorophene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.86) J	
						Hexachloropropene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Indeno(1,2,3-cd)pyrene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Isodrin	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Isophorone	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Isosafrole	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.86) J	
						Methapyrilene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.86) J	
						Methyl Methanesulfonate	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Naphthalene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.86) J	
						Nitrobenzene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						N-Nitrosodiethylamine	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						N-Nitrosodimethylamine	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						N-Nitroso-di-n-butylamine	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2F0P514	RAA4-DUP-20 (9 - 11)	6/20/2002	Soil	Tier II	Yes	N-Nitroso-di-n-propylamine	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.66) J	
						N-Nitrosodiphenylamine	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						N-Nitrosomethylethylamine	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						N-Nitrosomorpholine	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.86) J	
						N-Nitrosopiperidine	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						N-Nitrosopyrrolidine	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						o,o,o-Triethylphosphorothioate	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						o-Toluidine	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						p-Dimethylaminoazobenzene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.86) J	
						Pentachlorobenzene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Pentachloroethane	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Pentachloronitrobenzene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.86) J	
						Phenacetin	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.66) J	
						Phenanthrene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	0.19 J	
						Pronamide	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Pyrene	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	0.12 J	
						Pyridine	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Safrole	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
						Thionazin	Surrogate Recovery Base-neutral	26.0%,15.0%,17.0 %	30% to 115%, 23% to 120%, 18% to 137%	ND(0.43) J	
2F0P514	RAA4-S3J (6 - 15)	6/20/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.78) J	
						Benzidine	CCAL %D	51.6%	<25%	ND(0.78) J	
2F0P514	RAA4-H31 (1 - 3)	6/20/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.74) J	
						Benzidine	CCAL %D	0.816	<25%	ND(0.74) J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
y	RAA4-183 (0 - 1)	8/20/2002	Soil	Tier II	Yes	1,2,4,5-Tetrachlorobenzene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	Report reanalysis
						1,2,4-Trichlorobenzene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						1,2-Dichlorobenzene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						1,2-Diphenylhydrazine	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						1,3,5-Trinitrobenzene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						1,3-Dichlorobenzene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						1,3-Dinitrobenzene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						1,4-Dichlorobenzene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						1,4-Naphthoquinone	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						1-Naphthylamine	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						2,4-Dinitrotoluene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						2,6-Dinitrotoluene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						2-Acetylaminofluorene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						2-Chloronaphthalene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						2-Methylnaphthalene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						2-Naphthylamine	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						2-Nitroaniline	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						2-Picoline	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						3,3'-Dichlorobenzidine	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						3,3'-Dimethylbenzidine	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						3-Methylcholanthrene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						3-Nitroaniline	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						4-Aminobiphenyl	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						4-Bromophenyl-phenylether	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						4-Chloroaniline	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						4-Chlorobenzilate	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						4-Nitroaniline	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						4-Nitroquinoline-1-oxide	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2FGP514	RAA4-H33 (0 - 1)	8/20/2002	Soil	Tier II	Yes	4-Phenylenediamine	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						5-Nitro-o-toluidine	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						7,12-Dimethylbenz(a)anthracer	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						a,a'-Dimethylphenethylamine	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Acenaphthene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Acenaphthylene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Acetophenone	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Aniline	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Anthracene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Aramite	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Benzidine	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Benzo(a)anthracene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Benzo(a)pyrene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Benzo(b)fluoranthene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Benzo(g,h,i)perylene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Benzo(k)fluoranthene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Benzyl Alcohol	CCAL %D	40.5%	<25%	ND(0.86) J	
						bis(2-Chloroethoxy)methane	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						bis(2-Chloroethyl)ether	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						bis(2-Chloroisopropyl)ether	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						bis(2-Ethylhexyl)phthalate	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Butylbenzylphthalate	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Chrysene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Dialiate	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Dibenzo(a,h)anthracene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Dibenzofuran	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Diethylphthalate	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Dimethylphthalate	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Di-n-Butylphthalate	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Di-n-Octylphthalate	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2F0P514	RAA4-H33 (0 - 1)	6/27/2002	Soil	Tier II	Yes	Diphenylamine	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Ethyl Methanesulfonate	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Fluoranthene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Fluorene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Hexachlorobenzene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Hexachlorobutadiene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Hexachlorocyclopentadiene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Hexachloroethane	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Hexachlorophene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Hexachloropropene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Indeno(1,2,3-cd)pyrene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Isodrin	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Isophorone	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Isosafrole	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Methapyrilene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Methyl Methanesulfonate	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Naphthalene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Nitrobenzene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						N-Nitrosodiethylamine	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						N-Nitrosodimethylamine	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						N-Nitroso-di-n-butylamine	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						N-Nitroso-di-n-propylamine	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						N-Nitrosodiphenylamine	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						N-Nitrosomethylethylamine	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						N-Nitrosomorpholine	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						N-Nitrosopiperidine	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						N-Nitrosopyrrolidine	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						o,o,o-Triethylphosphorothioate	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						o-Toluidine	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2F0P514	RAA4-I153 (0 - 1)	6/20/2002	Soil	Tier II	Yes	p-Dimethylaminoazobenzene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Pentachlorobenzene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Pentachloroethane	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Pentachloronitrobenzene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Phenacetin	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Phenanthrene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Pronamide	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Pyrene	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Pyridine	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Safrole	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
						Thionazin	Surrogate Recovery Base-neutral	9.2%,13.0%,1.6%	30% to 115%, 23% to 120%, 18% to 137%	R	
2F0P570	RAA4-G31 (0 - 1)	6/24/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.82) J	
						Benzidine	CCAL %D	81.6%	<25%	ND(0.82) J	
2F0P570	RAA4-G34 (0 - 1)	6/24/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.87) J	
						Benzidine	CCAL %D	81.6%	<25%	ND(0.87) J	
2F0P570	RAA4-I3 (0 - 1)	6/24/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.81) J	
						Benzidine	CCAL %D	81.6%	<25%	ND(0.81) J	
2F0P580	RAA4-I30 (0 - 1)	6/25/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL %D	30.5%	<25%	ND(2.0) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.79) J	
						Benzyl Alcohol	CCAL %D	25.3%	<25%	ND(0.79) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	31.7%	<25%	ND(0.39) J	
						N-Nitroso-di-n-propylamine	CCAL %D	33.3%	<25%	ND(0.39) J	
2F0P580	RAA4-J28 (0 - 1)	6/25/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL %D	30.5%	<25%	ND(1.8) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.72) J	
						Benzyl Alcohol	CCAL %D	25.3%	<25%	ND(0.72) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	31.7%	<25%	ND(0.36) J	
						N-Nitroso-di-n-propylamine	CCAL %D	33.3%	<25%	ND(0.36) J	
2F0P580	RAA4-J30 (0 - 1)	6/25/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL %D	30.5%	<25%	ND(1.9) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.76) J	
						Benzyl Alcohol	CCAL %D	25.3%	<25%	ND(0.76) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	31.7%	<25%	ND(0.37) J	
						N-Nitroso-di-n-propylamine	CCAL %D	33.3%	<25%	ND(0.37) J	
2F0P580	RAA4-L28 (0 - 1)	6/25/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL %D	30.5%	<25%	ND(1.8) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.73) J	
						Benzyl Alcohol	CCAL %D	25.3%	<25%	ND(0.73) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	31.7%	<25%	ND(0.36) J	
						N-Nitroso-di-n-propylamine	CCAL %D	33.3%	<25%	ND(0.36) J	
2F0P590	RAA4-L31 (0 - 1)	6/25/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL %D	30.5%	<25%	ND(1.9) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.75) J	
						Benzyl Alcohol	CCAL %D	25.3%	<25%	ND(0.75) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	31.7%	<25%	ND(0.37) J	
						N-Nitroso-di-n-propylamine	CCAL %D	33.3%	<25%	ND(0.37) J	
2F0P590	RAA4-M8 (0 - 1)	6/25/2002	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL %D	30.5%	<25%	ND(1.9) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.78) J	
						Benzyl Alcohol	CCAL %D	25.3%	<25%	ND(0.76) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	31.7%	<25%	ND(0.38) J	
						N-Nitroso-di-n-propylamine	CCAL %D	33.3%	<25%	ND(0.38) J	
2F0P590	RINSE BLANK-062502-1	6/25/2002	Water	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.010) J	
						Benzidine	CCAL %D	0.426	<25%	ND(0.020) J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2F0P624	RAA4-DUP-21 (0 - 1)	8/20/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	39.7%	<25%	ND(0.80) J	RAA4-R4
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.81) J	
						Acenaphthene	Field Duplicate RPD (Soil)	166.1%	<50%	0.96 J	
						Benzidine	CCAL %D	39.8%	<25%	ND(0.89) J	
						Benzo(a)anthracene	Field Duplicate RPD (Soil)	105.3%	<50%	0.67 J	
						Benzo(a)pyrene	Field Duplicate RPD (Soil)	121.3%	<50%	2.0 J	
						Benzo(b)fluoranthene	Field Duplicate RPD (Soil)	125.8%	<50%	1.8 J	
						Benzo(k)fluoranthene	Field Duplicate RPD (Soil)	135.2%	<50%	1.5 J	
						Chrysene	Field Duplicate RPD (Soil)	100.8%	<50%	0.97 J	
						Fluoranthene	Field Duplicate RPD (Soil)	135.5%	<50%	2.6 J	
						Phenanthrene	Field Duplicate RPD (Soil)	73.7%	<50%	3.3 J	
						Pyrene	Field Duplicate RPD (Soil)	107.7%	<50%	2.6 J	
2F0P624	RAA4-O10 (0 - 1)	8/26/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	39.7%	<25%	ND(1.9) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.75) J	
						Benzidine	CCAL %D	39.8%	<25%	ND(1.0) J	
2F0P624	RAA4-O4 (0 - 1)	8/26/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	39.7%	<25%	ND(0.75) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.69) J	
						Benzidine	CCAL %D	39.8%	<25%	ND(0.76) J	
2F0P624	RAA4-P14 (0 - 1)	8/26/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	39.7%	<25%	ND(0.75) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.75) J	
						Benzidine	CCAL %D	39.8%	<25%	ND(0.75) J	
2F0P624	RAA4-P6 (0 - 1)	8/26/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	39.7%	<25%	ND(0.74) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.74) J	
						Benzidine	CCAL %D	39.8%	<25%	ND(0.74) J	
2F0P624	RAA4-Q8 (0 - 1)	8/26/2002	Soil	Tier II	Yes	2,3,4,6-Tetrachlorophenol	Surrogate Recovery Acid	0.0%, 0.0%	19% to 122%, 25% to 121%	R	Report original analysis
						2,4,5-Trichlorophenol	Surrogate Recovery Acid	0.0%, 0.0%	19% to 122%, 25% to 121%	R	
						2,4,6-Trichlorophenol	Surrogate Recovery Acid	0.0%, 0.0%	19% to 122%, 25% to 121%	R	
						2,4-Dichlorophenol	Surrogate Recovery Acid	0.0%, 0.0%	19% to 122%, 25% to 121%	R	
						2,4-Dimethylphenol	Surrogate Recovery Acid	0.0%, 0.0%	19% to 122%, 25% to 121%	R	
						2,4-Dinitrophenol	Surrogate Recovery Acid	0.0%, 0.0%	19% to 122%, 25% to 121%	R	
						2,6-Dichlorophenol	Surrogate Recovery Acid	0.0%, 0.0%	19% to 122%, 25% to 121%	R	
						2-Chlorophenol	Surrogate Recovery Acid	0.0%, 0.0%	19% to 122%, 25% to 121%	R	
						2-Methylphenol	Surrogate Recovery Acid	0.0%, 0.0%	19% to 122%, 25% to 121%	R	
						2-Nitrophenol	Surrogate Recovery Acid	0.0%, 0.0%	19% to 122%, 25% to 121%	R	
						3,3'-Dichlorobenzidine	CCAL %D	39.7%	<25%	ND(0.70) J	
						3&4-Methylphenol	Surrogate Recovery Acid	0.0%, 0.0%	19% to 122%, 25% to 121%	R	
						4,6-Dinitro-2-methylphenol	Surrogate Recovery Acid	0.0%, 0.0%	19% to 122%, 25% to 121%	R	
						4-Chloro-3-Methylphenol	Surrogate Recovery Acid	0.0%, 0.0%	19% to 122%, 25% to 121%	R	
						4-Nitrophenol	Surrogate Recovery Acid	0.0%, 0.0%	19% to 122%, 25% to 121%	R	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.70) J	
						Benzidine	CCAL %D	39.8%	<25%	ND(0.70) J	
						Benzyl Alcohol	Surrogate Recovery Acid	0.0%, 0.0%	19% to 122%, 25% to 121%	R	
						Pentachlorophenol	Surrogate Recovery Acid	0.0%, 0.0%	19% to 122%, 25% to 121%	R	
						Phenol	Surrogate Recovery Acid	0.0%, 0.0%	19% to 122%, 25% to 121%	R	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2F0P624	RAA4-R4 (0 - 1)	6/26/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	39.7%	<25%	ND(0.80) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.80) J	
						Acenaphthene	Field Duplicate RPD (Soil)	166.1%	<50%	0.083 J	
						Benzidine	CCAL %D	39.8%	<25%	ND(0.80) J	
						Benzo(a)anthracene	Field Duplicate RPD (Soil)	105.3%	<50%	0.27 J	
						Benzo(a)pyrene	Field Duplicate RPD (Soil)	121.3%	<50%	0.49 J	
						Benzo(b)fluoranthene	Field Duplicate RPD (Soil)	125.8%	<50%	0.41 J	
						Benzo(k)fluoranthene	Field Duplicate RPD (Soil)	135.2%	<50%	0.29 J	
						Chrysene	Field Duplicate RPD (Soil)	100.6%	<50%	0.32 J	
						Fluoranthene	Field Duplicate RPD (Soil)	135.5%	<50%	0.50 J	
						Phenanthrene	Field Duplicate RPD (Soil)	73.7%	<50%	0.50 J	
						Pyrene	Field Duplicate RPD (Soil)	107.7%	<50%	0.84 J	
2F0P624	RAA4-R5 (0 - 1)	6/26/2002	Soil	Tier II	Yes	1,2,4,5-Tetrachlorobenzene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						1,2,4-Trichlorobenzene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	0.35 J	
						1,2-Dichlorobenzene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						1,2-Diphenylhydrazine	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						1,3,5-Trinitrobenzene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						1,3-Dichlorobenzene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						1,3-Dinitrobenzene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.78) J	
						1,4-Dichlorobenzene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						1,4-Naphthoquinone	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.78) J	
						1-Naphthylamine	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.78) J	
						2,4-Dinitrotoluene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						2,6-Dinitrotoluene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						2-Acetylaminofluorene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.78) J	
						2-Chloronaphthalene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						2-Methylnaphthalene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						2-Naphthylamine	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.78) J	
						2-Nitroaniline	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(2.0) J	
						2-Picoline	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						3,3'-Dichlorobenzidine	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.78) J	
						3,3'-Dimethylbenzidine	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						3-Methylcholanthrene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.78) J	
						3-Nitroaniline	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(2.0) J	
						4-Aminobiphenyl	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.78) J	
						4-Bromophenyl-phenylether	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						4-Chloroaniline	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2F0P524	RAA4-R5 (0 - 1)	6/26/2002	Soil	Tier II	Yes	4-Chlorobenzilate	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.78) J	
						4-Nitroaniline	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.78) J	
						4-Phenylenediamine	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.78) J	
						5-Nitro-o-toluidine	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.78) J	
						7,12-Dimethylbenz(a)anthracene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.78) J	
						a,a'-Dimethylphenethylamine	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.78) J	
						Acenaphthene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	0.69 J	
						Acenaphthylene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						Acetophenone	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						Aniline	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	4.1 J	
						Anthracene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	0.69 J	
						Aramite	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.78) J	
						Benzidine	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.78) J	
						Benzo(a)anthracene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	2.4 J	
						Benzo(a)pyrene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	4.7 J	
						Benzo(b)fluoranthene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	4.4 J	
						Benzo(g,h,i)perylene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	3.6 J	
						Benzo(k)fluoranthene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	3.8 J	
						bis(2-Chloroethoxy)methane	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						bis(2-Chloroethyl)ether	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						bis(2-Chloroisopropyl)ether	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						bis(2-Ethylhexyl)phthalate	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						Butylbenzylphthalate	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						Chrysene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	2.4 J	
						Diallate	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						Dibenzo(a,h)anthracene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						Dibenzofuran	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.78) J	
						Diethylphthalate	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	1.3 J	
						Dimethylphthalate	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	0.26 J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
ZF0P624	RAA4-R5 (0 - 1)	6/26/2002	Soil	Tier II	Yes	Di-n-Butylphthalate	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						Di-n-Octylphthalate	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						Diphenylamine	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						Ethyl Methanesulfonate	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						Fluoranthene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	5.1 J	
						Fluorene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	0.44 J	
						Hexachlorobenzene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						Hexachlorobutadiene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						Hexachlorocyclopentadiene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						Hexachloroethane	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						Hexachlorophene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.78) J	
						Hexachloropropene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						Indeno(1,2,3-cd)pyrene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	3.2 J	
						Isodrin	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						Isophorone	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						Isosafrole	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.78) J	
						Methapyrilene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.78) J	
						Methyl Methanesulfonate	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						Naphthalene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	0.30 J	
						Nitrobenzene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						N-Nitrosodiethylamine	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.78) J	
						N-Nitrosodimethylamine	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						N-Nitroso-di-n-butylamine	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						N-Nitroso-di-n-propylamine	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						N-Nitrosodiphenylamine	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						N-Nitrosomethylethylamine	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.78) J	
						N-Nitrosomorpholine	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						N-Nitrosopiperidine	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						N-Nitrosopyrrolidine	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.78) J	
						o,o,o-Triethylphosphorothioate	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						o-Toluidine	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2F0P624	RAA4-R5 (0 - 1)	6/26/2002	Soil	Tier II	Yes	p-Dimethylaminoazobenzene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.78) J	
						Pentachlorobenzene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						Pentachloroethane	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						Pentachloronitrobenzene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.78) J	
						Phenacetin	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.78) J	
						Phenanthrene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	3.6 J	
						Pronamide	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						Pyrene	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	3.6 J	
						Pyridine	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						Safrole	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
						Thionazin	Surrogate Recovery Base-neutral	25.1%,17.9%	30% to 115%, 18% to 137%	ND(0.39) J	
2F0P662	RAA4-O19 (1 - 3)	6/27/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	39.2%	<25%	ND(17) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(8.7) J	
						Benzidine	CCAL %D	32.8%	<25%	ND(17) J	
2F0P662	RAA4-Q05 (3 - 6)	6/27/2002	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	25.3%	<25%	ND(0.37) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.74) J	
						Benzyl Alcohol	CCAL %D	29.2%	<25%	ND(0.74) J	
2F0P700	RAA4-G11 (1 - 6)	6/28/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	39.2%	<25%	ND(2.1) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(1.0) J	
						Benzidine	CCAL %D	32.8%	<25%	ND(2.1) J	
2F0P700	RAA4-M13 (1 - 3)	6/28/2002	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	25.3%	<25%	ND(0.39) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.78) J	
						Benzyl Alcohol	CCAL %D	29.2%	<25%	ND(0.78) J	
2G0P048	RAA4-G7 (6 - 15)	7/7/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	39.2%	<25%	ND(0.86) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.79) J	
						Benzidine	CCAL %D	32.8%	<25%	ND(0.86) J	
2G0P048	RAA4-I13 (0 - 1)	7/7/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	39.2%	<25%	ND(0.76) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.70) J	
						Benzidine	CCAL %D	0.328	<25%	ND(0.76) J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2G0P048	RAA4-K11 (1 - 6)	7/2/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	39.2%	<25%	ND(0.81) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.74) J	
						Benzidine	CCAL %D	32.8%	<25%	ND(0.81) J	
2G0P048	RAA4-M11 (0 - 1)	7/2/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	39.2%	<25%	ND(0.82) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.75) J	
						Benzidine	CCAL %D	32.8%	<25%	ND(0.82) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	29.0%	<25%	ND(0.41) J	
2G0P048	RINSE BLANK-070202-1	7/2/2002	Water	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	39.2%	<25%	ND(0.020) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.010) J	
						Benzidine	CCAL %D	32.8%	<25%	ND(0.020) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	29.0%	<25%	ND(0.010) J	
2G0P138	RAA4-I5 (6 - 15)	7/3/2002	Soil	Tier II	Yes	2-Chloronaphthalene	CCAL %D	38.0%	<25%	ND(0.46) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.93) J	
						Benzidine	CCAL %D	27.4%	<25%	ND(0.93) J	
						Hexachloroethane	CCAL %D	25.8%	<25%	ND(0.46) J	
2G0P138	RAA4-M7 (0 - 1)	7/3/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	35.1%	<25%	ND(0.72) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.72) J	
						Benzidine	CCAL %D	35.2%	<25%	ND(0.72) J	
2G0P138	RAA4-O7 (0 - 1)	7/3/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	35.1%	<25%	ND(0.71) J	Report original analysis.
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.71) J	
						Benzidine	CCAL %D	35.2%	<25%	ND(0.71) J	
						2,3,4,6-Tetrachlorophenol	Surrogate Recovery Acid	0.0%	19% to 122%	R	
						2,4,5-Trichlorophenol	Surrogate Recovery Acid	0.0%	19% to 122%	R	
						2,4,6-Trichlorophenol	Surrogate Recovery Acid	0.0%	19% to 122%	R	
						2,4-Dichlorophenol	Surrogate Recovery Acid	0.0%	19% to 122%	R	
						2,4-Dimethylphenol	Surrogate Recovery Acid	0.0%	19% to 122%	R	
						2,4-Dinitrophenol	Surrogate Recovery Acid	0.0%	19% to 122%	R	
						2,6-Dichlorophenol	Surrogate Recovery Acid	0.0%	19% to 122%	R	
						2-Chlorophenol	Surrogate Recovery Acid	0.0%	19% to 122%	R	
						2-Methylphenol	Surrogate Recovery Acid	0.0%	19% to 122%	R	
						2-Nitrophenol	Surrogate Recovery Acid	0.0%	19% to 122%	R	
						3&4-Methylphenol	Surrogate Recovery Acid	0.0%	19% to 122%	R	
						4,6-Dinitro-2-methylphenol	Surrogate Recovery Acid	0.0%	19% to 122%	R	
						4-Chloro-3-Methylphenol	Surrogate Recovery Acid	0.0%	19% to 122%	R	
						4-Nitrophenol	Surrogate Recovery Acid	0.0%	19% to 122%	R	
						Benzyl Alcohol	Surrogate Recovery Acid	0.0%	19% to 122%	R	
						Pentachlorophenol	Surrogate Recovery Acid	0.0%	19% to 122%	R	
						Phenol	Surrogate Recovery Acid	0.0%	19% to 122%	R	
2G0P138	RAA4-O7 (1 - 3)	7/3/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	35.1%	<25%	ND(0.70) J	Report original analysis.
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.70) J	
						Benzidine	CCAL %D	35.2%	<25%	ND(0.70) J	
						Benzo(a)pyrene	Internal Standard Perylene-d12 %R	236.7%	50% to 200%	ND(0.70) J	
						Benzo(b)fluoranthene	Internal Standard Perylene-d12 %R	236.7%	50% to 200%	ND(0.70) J	
						Benzo(g,h,i)perylene	Internal Standard Perylene-d12 %R	236.7%	50% to 200%	ND(0.35) J	
						Benzo(k)fluoranthene	Internal Standard Perylene-d12 %R	236.7%	50% to 200%	ND(0.35) J	
						Di-n-Octylphthalate	Internal Standard Perylene-d12 %R	236.7%	50% to 200%	ND(0.35) J	
						Dibenzo(a,h)anthracene	Internal Standard Perylene-d12 %R	236.7%	50% to 200%	ND(0.35) J	
						7,12-Dimethylbenz(a)anthracen	Internal Standard Perylene-d12 %R	236.7%	50% to 200%	ND(0.35) J	
						Indeno(1,2,3-cd)pyrene	Internal Standard Perylene-d12 %R	236.7%	50% to 200%	ND(0.35) J	
						3-Methylcholanthrene	Internal Standard Perylene-d12 %R	236.7%	50% to 200%	ND(0.35) J	
2G0P139	RAA4-F43 (6 - 15)	7/8/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	35.1%	<25%	ND(0.74) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.74) J	
						Benzidine	CCAL %D	35.2%	<25%	ND(0.74) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	29.0%	<25%	ND(0.37) J	
2G0P139	RAA4-M15 (0 - 1)	7/8/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	35.1%	<25%	ND(0.93) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.75) J	
						Benzidine	CCAL %D	35.2%	<25%	ND(0.93) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	0.29	<25%	ND(0.46) J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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)											
2G0P139	RAA4-M15 (3 - 6)	7/8/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	38.1%	<25%	ND(0.74) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.74) J	
						Benzidine	CCAL %D	35.2%	<25%	ND(0.74) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	29.0%	<25%	ND(0.37) J	
2G0P139	RAA4-P3 (0 - 1)	7/8/2002	Soil	Tier II	Yes	3,3'-Dichlorobenzidine	CCAL %D	35.1%	<25%	ND(0.74) J	
						4-Phenylenediamine	ICAL RRF	0.031	>0.05	ND(0.74) J	
						Benzidine	CCAL %D	35.2%	<25%	ND(0.74) J	
						bis(2-Chloroisopropyl)ether	CCAL %D	29.0%	<25%	ND(0.37) J	
2J0P577	RAA4-DUP-25 (1 - 6)	10/18/2002	Soil	Tier II	Yes	1,2,4,5-Tetrachlorobenzene	Field Duplicate RPD (Soil)	52.8%	<50%	1.7 J	RAA4-H27
						2-Methylnaphthalene	Field Duplicate RPD (Soil)	71.9%	<50%	0.67 J	
						4-Nitrophenol	CCAL %D	32.6%	<25%	ND(2.4) J	
						4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.93) J	
						Acenaphthylene	Field Duplicate RPD (Soil)	83.6%	<50%	0.95 J	
						Benzidine	CCAL %D	65.4%	<25%	ND(0.93) J	
						bis(2-Ethylhexyl)phthalate	Field Duplicate RPD (Soil)	183.6%	<50%	7.6 J	
						Fluorene	Field Duplicate RPD (Soil)	62.5%	<50%	2.1 J	
						Hexachlorobenzene	Field Duplicate RPD (Soil)	83.9%	<50%	0.44 J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.93) J	
						Pentachlorobenzene	Field Duplicate RPD (Soil)	72.6%	<50%	0.2 J	
						Phenanthrene	Field Duplicate RPD (Soil)	51.9%	<50%	17 J	
2J0P577	RAA4-H27 (1 - 6)	10/18/2002	Soil	Tier II	Yes	1,2,4,5-Tetrachlorobenzene	Field Duplicate RPD (Soil)	52.8%	<50%	0.99 J	
						2-Methylnaphthalene	Field Duplicate RPD (Soil)	71.9%	<50%	0.41 J	
						4-Nitrophenol	CCAL %D	32.6%	<25%	ND(2.3) J	
						4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.90) J	
						Acenaphthylene	Field Duplicate RPD (Soil)	83.6%	<50%	0.39 J	
						Benzidine	CCAL %D	65.4%	<25%	ND(0.90) J	
						bis(2-Ethylhexyl)phthalate	Field Duplicate RPD (Soil)	183.6%	<50%	0.30 J	
						Fluorene	Field Duplicate RPD (Soil)	62.5%	<50%	1.1 J	
						Hexachlorobenzene	Field Duplicate RPD (Soil)	83.9%	<50%	0.18 J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.90) J	
						Pentachlorobenzene	Field Duplicate RPD (Soil)	72.6%	<50%	4.3 J	
						Phenanthrene	Field Duplicate RPD (Soil)	51.9%	<50%	10 J	
2J0P577	RAA4-O3 (0 - 15)	10/19/2002	Soil	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(1.0) J	
						Butylbenzylphthalate	CCAL %D	26.4%	<25%	ND(0.51) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(1.0) J	
2J0P577	RB-101802-1 (0 - 0)	10/18/2002	Water	Tier II	Yes	4-Phenylenediamine	ICAL RRF	0.022	>0.05	ND(0.010) J	
						Benzidine	CCAL %D	56.1%	<25%	ND(0.020) J	
						Hexachlorophene	ICAL RRF	0.029	>0.05	ND(0.020) J	
PCDDs/PCDFs											
2D0P611	RAA4-C27 (0 - 1)	4/22/2002	Soil	Tier II	No						
2D0P611	RAA4-F38 (0 - 1)	4/22/2002	Soil	Tier II	No						
2D0P611	RAA4-I21 (0 - 1)	4/22/2002	Soil	Tier II	Yes	1,2,3,7,8-PeCDF	Internal Standard %R	37.4%	40% to 130%	0.000022 J	
2D0P611	RAA4-K30 (0 - 1)	4/22/2002	Soil	Tier II	No						
2D0P611	RAA4-M30 (0 - 1)	4/22/2002	Soil	Tier II	No						
2D0P611	RAA4-42202-1	4/22/2002	Water	Tier II	No						
2D0P633	RAA4-D29 (0 - 1)	4/23/2002	Soil	Tier II	No						
2D0P633	RAA4-D34 (0 - 1)	4/23/2002	Soil	Tier II	Yes	2,3,7,8-TCDF	Internal Standard %R	35.0%	40% to 130%	0.000022 J	
						2,3,4,7,8-PeCDF	Surrogate Recovery	33.5%	40% to 130%	0.000012 J	
						2,3,4,6,7,8-HxCDF	Internal Standard %R	23.7%	40% to 130%	0.000028 YJ	
2D0P633	RAA4-D34 (6 - 15)	4/23/2002	Soil	Tier II	No						
2D0P633	RAA4-E36 (0 - 1)	4/23/2002	Soil	Tier II	Yes	OCDD	Internal Standard %R	19.2%	40% to 130%	0.00062 J	
2D0P633	RAA4-G38 (0 - 1)	4/23/2002	Soil	Tier II	No						
2D0P633	RAA4-G38 (1 - 6)	4/23/2002	Soil	Tier II	Yes	2,3,4,7,8-PeCDF	Surrogate Recovery	32.3%	40% to 130%	0.000013 J	
						OCDD	Internal Standard %R	18.8%	40% to 130%	0.00035 J	
2D0P633	RAA4-H35 (0 - 1)	4/23/2002	Soil	Tier II	No						
2D0P811	RAA4-42302-1	4/23/2002	Water	Tier II	No						
2D0P666	RAA4-D25 (0 - 1)	4/24/2002	Soil	Tier II	Yes	1,2,3,7,8-PeCDF	Method Blank	-	-	ND(0.0000006)	
2D0P666	RAA4-E23 (0 - 1)	4/24/2002	Soil	Tier II	Yes	2,3,7,8-TCDD	Method Blank	-	-	ND(0.0000047)	
2D0P666	RAA4-F31 (0 - 1)	4/24/2002	Soil	Tier II	No						
2D0P666	RAA4-E31 (1 - 6)	4/24/2002	Soil	Tier II	No						

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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/PCDFss (continued)											
2D0P666	RAA4-E31 (6 - 15)	4/24/2002	Soil	Tier II	Yes	1,2,3,4,7,8,9-HpCDF	Theoretical Abundance Ratio	-	-	ND(0.000013) J	
						1,2,3,7,8-PeCDF	Theoretical Abundance Ratio	-	-	0.0000073 J	
						2,3,4,6,7,8-HxCDF	Internal Standard %R	28.4%	40% to 130%	ND(0.0000089) J	
						2,3,4,7,8-PeCDF	Surrogate Recovery	34.7%	40% to 130%	ND(0.0000085) XJ	
						HpCDFs (total)	Theoretical Abundance Ratio	-	-	0.000072 J	
						HxCDFs (total)	Internal Standard %R	28.4%	40% to 130%	0.000351 J	
						OCDD	CCAL %D	35.6%	<30%	ND(0.000087) XJ	
						PeCDFs (total)	Surrogate Recovery	34.7%	40% to 130%	0.000089 QJ	
2D0P666	RAA4-F41 (0 - 1)	4/24/2002	Soil	Tier II	No						
2D0P606	RAA4-42402-01	4/24/2002	Water	Tier II	Yes	1,2,3,4,7,8,9-HpCDF	Internal Standard %R	39.1%	40% to 130%	ND(0.00000000010) J	
						1,2,3,4,7,8-HxCDD	Surrogate Recovery	33.1%	40% to 130%	ND(0.00000000080) J	
						1,2,3,6,7,8-HxCDD	Internal Standard %R	35.9%	40% to 130%	ND(0.00000000080) J	
						1,2,3,6,7,8-HxCDF	Internal Standard %R	32.6%	40% to 130%	ND(0.00000000050) J	
						1,2,3,7,8,9-HxCDF	Internal Standard %R	32.5%	40% to 130%	ND(0.00000000060) J	
						1,2,3,7,8-PeCDD	Internal Standard %R	31.5%	40% to 130%	ND(0.00000000070) J	
						1,2,3,7,8-PeCDF	Internal Standard %R	25.4%	40% to 130%	ND(0.00000000012) XJ	
						2,3,4,6,7,8-HxCDF	Internal Standard %R	35.6%	40% to 130%	ND(0.00000000050) J	
						2,3,4,7,8-PeCDF	Surrogate Recovery	30.9%	40% to 130%	ND(0.00000000060) J	
						2,3,7,8-TCDD	Internal Standard %R	22.6%	40% to 130%	ND(0.00000000070) J	
						2,3,7,8-TCDF	Internal Standard %R	23.2%	40% to 130%	ND(0.00000000050) J	
						HpCDFs (total)	Internal Standard %R	39.1%	40% to 130%	ND(0.00000000012) XJ	
						HxCDDs (total)	Internal Standard %R	33.1%	40% to 130%	ND(0.00000000080) J	
						PeCDDs (total)	Internal Standard %R	25.4%	40% to 130%	ND(0.00000000070) J	
						PeCDFs (total)	Internal Standard %R	31.5%	40% to 130%	ND(0.00000000012) XJ	
						TCDDs (total)	Internal Standard %R	23.2%	40% to 130%	ND(0.00000000070) J	
						TCDFs (total)	Internal Standard %R	22.6%	40% to 130%	ND(0.00000000050) J	
2D0P607	RAA4-DUP-1 (6 - 15)	4/25/2002	Soil	Tier II	Yes	PeCDFs (total)	Incorrect Lab Flag	0.00082 X	-	0.00087	RAA4-I23
						TCDFs (total)	Incorrect Lab Flag	0.00094 XE	-	0.00094 E	
						HxCDFs (total)	Incorrect Lab Flag	0.0012 X	-	0.0012	
						TCDFs (total)	Exceeds CAL Range	-	-	0.00094 EJ	
						HxCDDs (total)	Field Duplicate RPD (Soil)	60.0%	<50%	0.000039 J	
						PeCDDs (total)	Field Duplicate RPD (Soil)	136.6%	<50%	ND(0.000034) XJ	
2D0P697	RAA4-I15 (0 - 1)	4/25/2002	Soil	Tier II	Yes	TCDFs (total)	Incorrect Lab Flag	0.00031 X	-	0.00031	
						PeCDFs (total)	Incorrect Lab Flag	0.00041 X	-	0.00041	
2D0P697	RAA4 I23 (0 - 1)	4/25/2002	Soil	Tier II	Yes	PeCDFs (total)	Incorrect Lab Flag	0.0049 X	-	0.0049EJ	
						PeCDFs (total)	Exceeds CAL Range	-	-	0.0049EJ	
2D0P697	RAA4-I23 (6 - 15)	4/25/2002	Soil	Tier II	Yes	TCDFs (total)	Incorrect Lab Flag	0.00080 XE	-	0.00080 E	
						PeCDFs (total)	Incorrect Lab Flag	0.00084 X	-	0.00084	
						TCDFs (total)	Exceeds CAL Range	-	-	0.00080 EJ	
						HxCDDs (total)	Field Duplicate RPD (Soil)	60.0%	<50%	0.000021 J	
						PeCDDs (total)	Field Duplicate RPD (Soil)	136.6%	<50%	0.0000084	
2D0P697	RAA4-K23 (0 - 1)	4/25/2002	Soil	Tier II	Yes	TCDFs (total)	Incorrect Lab Flag	0.0012 XE	-	0.0012 E	
						PeCDFs (total)	Incorrect Lab Flag	0.0022 X	-	0.0022	
						TCDFs (total)	Exceeds CAL Range	-	-	0.0012 EJ	
2D0P697	RAA4-K23 (1 - 6)	4/25/2002	Soil	Tier II	Yes	HxCDFs (total)	Incorrect Lab Flag	0.0084 X	-	0.012	
						TCDFs (total)	Incorrect Lab Flag	0.012 X	-	0.012	
						PeCDFs (total)	Incorrect Lab Flag	0.013 X	-	0.013	
						2,3,7,8-TCDD	Exceeds CAL Range	-	-	0.00017 J	
2D0P697	RAA4-M5 (0 - 1)	4/25/2002	Soil	Tier II	Yes	2,3,7,8-TCDD	Incorrect Lab Flag	0.00000045 X	-	0.00000045	
						TCDFs (total)	Incorrect Lab Flag	0.00036 X	-	0.00036	
						PeCDFs (total)	Incorrect Lab Flag	0.00061 J	-	0.00061	
						2,3,7,8-TCDD	Internal Standard %R	37.9%	40% to 130%	0.00000045 J	
						TCDFs (total)	Internal Standard %R	35.7%	40% to 130%	0.00036 J	
						PeCDFs (total)	Surrogate Recovery	37.9%	40% to 130%	0.00061 J	
						1,2,3,4,7,8-HxCDD	Surrogate Recovery	38.6%	40% to 130%	ND(0.00000020) J	
						1,2,3,7,8-PeCDD	Internal Standard %R	38.9%	40% to 130%	ND(0.00000010) J	
						2,3,4,7,8-PeCDF	Surrogate Recovery	37.9%	40% to 130%	0.000014 J	
						2,3,7,8-TCDF	Internal Standard %R	35.7%	40% to 130%	0.000019 YJ	
						HxCDDs (total)	Surrogate Recovery	38.6%	40% to 130%	0.0000021 J	
						PeCDDs (total)	Internal Standard %R	38.9%	40% to 130%	ND(0.0000030) XJ	
						TCDDs (total)	Internal Standard %R	0.379	40% to 130%	0.0000041 J	

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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/PCDFss (continued)											
2D0P697	RAA4-O1 (0 - 1)	4/25/2002	Soil	Tier II	Yes	TCDFs (total)	Incorrect Lab Flag	0.0022 SXE	-	0.0022 SE	
						PeCDFs (total)	Incorrect Lab Flag	0.0056 SXE	-	0.0056 SE	
						HxCDFs (total)	Incorrect Lab Flag	0.0085 SXE	-	0.0085 SE	
						TCDFs (total)	Exceeds CAL Range	-	-	0.0022 SEJ	
						PeCDFs (total)	Exceeds CAL Range	-	-	0.0056 SEJ	
						HxCDFs (total)	Exceeds CAL Range	-	-	0.0085 SEJ	
2D0P697	Rinse Blank	4/25/2002	Water	Tier II	No						
2E0P356	RAA4-E40 (0 - 1)	5/13/2002	Soil	Tier II	No						
2E0P356	RAA4-F42 (1 - 6)	5/13/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.00000048)	
						HpCDDs (total)	Method Blank	-	-	ND(0.00000091)	
						HpCDFs (total)	Method Blank	-	-	ND(0.00000019)	
						OCDD	Method Blank	-	-	ND(0.0000045)	
2E0P393	RAA4-E38 (0 - 1)	5/14/2002	Soil	Tier II	No						
2E0P393	RAA4-F37 (0 - 1)	5/14/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	CCAL %D Internal Standard	34.6%	<30%	0.00026 J	
						1,2,3,4,7,8-HxCDF	CCAL %D Internal Standard	34.0%	<30%	0.00013 J	
						1,2,3,6,7,8-HxCDF	CCAL %D Internal Standard	31.6%	<30%	0.000084 J	
						HpCDFs (total)	CCAL %D Internal Standard	34.6%	<30%	0.00076 J	
						HxCDFs (total)	CCAL %D Internal Standard	34.0%	<30%	0.0028 J	
2E0P393	RAA4-G36 (0 - 1)	5/14/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	CCAL %D Internal Standard	34.6%	<30%	0.0000033 J	
						1,2,3,4,7,8-HxCDF	CCAL %D Internal Standard	34.0%	<30%	0.0000016 J	
						1,2,3,6,7,8-HxCDF	CCAL %D Internal Standard	31.6%	<30%	0.0000013 J	
						HpCDFs (total)	CCAL %D Internal Standard	34.6%	<30%	0.0000050 J	
						HxCDFs (total)	CCAL %D Internal Standard	34.0%	<30%	0.000021 J	
2E0P415	RAA4-B35 (0 - 1)	5/15/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	CCAL %D Internal Standard	34.6%	<30%	0.000051 J	
						1,2,3,4,7,8-HxCDF	CCAL %D Internal Standard	34.0%	<30%	0.0000073 J	
						1,2,3,6,7,8-HxCDF	CCAL %D Internal Standard	31.6%	<30%	0.0000042 J	
						HpCDFs (total)	CCAL %D Internal Standard	34.6%	<30%	0.000092 J	
						HxCDFs (total)	CCAL %D Internal Standard	34.6%	<30%	0.00012 QJ	
2E0P415	RAA4-C36 (0 - 1)	5/15/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	CCAL %D Internal Standard	34.6%	<30%	0.000051 J	
						1,2,3,4,7,8-HxCDF	CCAL %D Internal Standard	34.0%	<30%	0.000032 J	
						1,2,3,6,7,8-HxCDF	CCAL %D Internal Standard	31.6%	<30%	0.000012 J	
						HpCDFs (total)	CCAL %D Internal Standard	34.6%	<30%	0.00013 J	
						HxCDFs (total)	CCAL %D Internal Standard	34.0%	<30%	0.00037 J	
2E0P415	RAA4-C36 (1 - 6)	5/15/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	CCAL %D Internal Standard	34.6%	<30%	0.0000013 J	
						1,2,3,4,7,8-HxCDF	CCAL %D Internal Standard	34.0%	<30%	0.00000034 J	
						1,2,3,6,7,8-HxCDF	CCAL %D Internal Standard	31.6%	<30%	ND(0.000000026) XJ	
						HpCDFs (total)	CCAL %D Internal Standard	34.6%	<30%	0.0000013 J	
						HxCDFs (total)	CCAL %D Internal Standard	34.0%	<30%	0.0000034 J	
2E0P415	RAA4-C36 (6 - 15)	5/15/2002	Soil	Tier II	No						
2E0P447	RAA4-A33 (0 - 1)	5/16/2002	Soil	Tier I	No						
2E0P447	RAA4-A34 (1 - 6)	5/16/2002	Soil	Tier I	No						
2E0P447	RAA4-A35 (0 - 1)	5/16/2002	Soil	Tier I	No						
2E0P493	RAA4-B34 (1 - 6)	5/16/2002	Soil	Tier I	No						
2E0P493	RAA4-D35 (6 - 15)	5/17/2002	Soil	Tier I	No						
2E0P493	RAA4-E35 (0 - 1)	5/17/2002	Soil	Tier I	No						
2E0P540	RAA4-B29 (0 - 1)	5/20/2002	Soil	Tier II	No						
2E0P540	RAA4-C31 (0 - 1)	5/20/2002	Soil	Tier II	No						
2E0P540	RAA4-C33 (0 - 1)	5/20/2002	Soil	Tier II	No						
2E0P554	RAA4-C29 (1 - 6)	5/21/2002	Soil	Tier I	No						
2E0P554	RAA4-D31 (0 - 1)	5/21/2002	Soil	Tier I	No						
2E0P554	RAA4-D33 (0 - 1)	5/21/2002	Soil	Tier I	No						
2E0P554	RAA4-E29 (0 - 1)	5/21/2002	Soil	Tier I	No						
2E0P554	RAA4-E29 (1 - 6)	5/21/2002	Soil	Tier I	No						
2E0P554	RINSE BLANK-052102	5/21/2002	Water	Tier I	No						
2E0P595	RAA4-DUP-5 (0 - 1)	5/22/2002	Soil	Tier II	Yes	OCDF	Field Duplicate RPD (Soil)	84.6%	<50%	0.0015 J	RAA4-F25
						PeCDDs (total)	Field Duplicate RPD (Soil)	59.5%	<50%	0.000024 QJ	
2E0P595	RAA4-F29 (0 - 1)	5/22/2002	Soil	Tier II	Yes	OCDF	Field Duplicate RPD (Soil)	84.6%	<50%	0.0037 J	
						PeCDDs (total)	Field Duplicate RPD (Soil)	59.5%	<50%	0.0000013 J	
2E0P595	RAA4-G27 (0 - 1)	5/22/2002	Soil	Tier II	No						
2E0P595	RAA4-I28 (0 - 1)	5/22/2002	Soil	Tier II	No						
2E0P710	RAA4-F33 (1 - 6)	5/28/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000046)	
2E0P710	RAA4-F34 (0 - 1)	5/28/2002	Soil	Tier II	No						
2E0P710	RAA4-F34 (1 - 6)	5/28/2002	Soil	Tier II	No						

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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/PCDFss (continued)											
2E0P710	RAA4-F35 (6 - 15)	5/28/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000000)	
2E0P721	RAA4-M27 (0 - 1)	5/29/2002	Soil	Tier II	No						
2E0P759	RAA4-D21 (0 - 1)	5/30/2002	Soil	Tier I	No						
2E0P759	RAA4-D23 (1 - 6)	5/30/2002	Soil	Tier I	No						
2F0P041	RAA4-I25 (0 - 1)	6/3/2002	Soil	Tier II	No						
2F0P041	RAA4-K21 (1 - 6)	6/3/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Exceeds CAL Range	-	-	0.019 EJ	
						1,2,3,4,7,8-HxCDF	Exceeds CAL Range	-	-	0.014 EJ	
						2,3,4,6,7,8-HxCDF	Exceeds CAL Range	-	-	0.011 EJ	
						2,3,4,7,8-PeCDF	Exceeds CAL Range	-	-	0.0095 EJ	
						2,3,7,8-TCDF	Exceeds CAL Range	-	-	0.010 YEJ	
						OCDF	Exceeds CAL Range	-	-	0.027 EJ	
2F0P041	RAA4-K35 (6 - 15)	6/3/2002	Soil	Tier II	No						
2F0P071	RAA4-DUP-9 (0 - 1)	6/4/2002	Soil	Tier II	No						RAA4-F21
2F0P071	RAA4-F21 (0 - 1)	6/4/2002	Soil	Tier II	No						
2F0P071	RAA4-F21 (6 - 15)	6/4/2002	Soil	Tier II	No						
2F0P071	RAA4-F23 (1 - 6)	6/4/2002	Soil	Tier II	No						
2F0P071	RAA4-H21 (0 - 1)	6/4/2002	Soil	Tier II	No						
2F0P071	RINSE BLANK-060402-1	6/4/2002	Water	Tier II	No						
2F0P171	RAA4-H34 (1 - 6)	6/6/2002	Soil	Tier II	No						
2F0P171	RAA4-I33 (0 - 1)	6/6/2002	Soil	Tier II	No						
2F0P171	RAA4-I33 (6 - 15)	6/6/2002	Soil	Tier II	Yes	2,3,4,7,8-PeCDF	Method Blank	-	-	ND(0.000000080)	
						HxCDFs (total)	Method Blank	-	-	ND(0.00000021)	
						OCDD	Method Blank	-	-	ND(0.0000026)	
						PeCDFs (total)	Method Blank	-	-	ND(0.000000080)	
2F0P171	RAA4-I34 (0 - 1)	6/6/2002	Soil	Tier II	No						
2F0P171	RAA4-I35 (1 - 6)	6/6/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000037)	
2F0P171	RAA4-K33 (0 - 1)	6/6/2002	Soil	Tier II	No						
2F0P196	RAA4-E15 (0 - 1)	6/7/2002	Soil	Tier II	Yes	OCDD	Internal Standard %R	38.3%	40% to 130%	0.000030 J	
2F0P196	RAA4-E17 (0 - 1)	6/7/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.00000024)	
						PeCDFs (total)	Method Blank	-	-	ND(0.00000034)	
2F0P196	RAA4-E17 (1 - 6)	6/7/2002	Soil	Tier II	No						
2F0P196	RAA4-G17 (0 - 1)	6/7/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Exceeds CAL Range	-	-	0.0013 EJ	
2F0P222	RAA4-M17 (0 - 1)	6/10/2002	Soil	Tier I	No						
2F0P257	RAA4-C5 (0 - 1)	6/11/2002	Soil	Tier II	No						
2F0P257	RAA4-H3 (6 - 15)	6/11/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.00000012)	
						1,2,3,6,7,8-HxCDD	Method Blank	-	-	ND(0.00000018)	
						1,2,3,6,7,8-HxCDF	Method Blank	-	-	ND(0.00000029)	
						1,2,3,7,8-PeCDF	Method Blank	-	-	ND(0.00000020)	
						2,3,4,6,7,8-HxCDF	Method Blank	-	-	ND(0.00000037)	
						2,3,4,7,8-PeCDF	Method Blank	-	-	ND(0.00000030)	
						2,3,7,8-TCDF	Method Blank	-	-	ND(0.00000021)	
						HxCDDs (total)	Method Blank	-	-	ND(0.00000053)	
						PeCDDs (total)	Method Blank	-	-	ND(0.00000057)	
2F0P257	RAA4-K3 (1 - 6)	6/11/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.00000078)	
						1,2,3,6,7,8-HxCDF	Method Blank	-	-	ND(0.00000030)	
						1,2,3,7,8,9-HxCDD	Method Blank	-	-	ND(0.00000011)	
						1,2,3,7,8-PeCDF	Method Blank	-	-	ND(0.00000032)	
						2,3,4,6,7,8-HxCDF	Method Blank	-	-	ND(0.00000034)	
						2,3,4,7,8-PeCDF	Method Blank	-	-	ND(0.00000041)	
						HxCDDs (total)	Method Blank	-	-	ND(0.00000052)	
						PeCDDs (total)	Method Blank	-	-	ND(0.00000042)	
2F0P257	RAA4-M3 (0 - 1)	6/11/2002	Soil	Tier II	No						
2F0P308	RAA4-O13 (0 - 1)	6/12/2002	Soil	Tier I	No						
2F0P308	RAA4-O13 (3 - 6)	6/12/2002	Soil	Tier I	No						
2F0P308	RAA4-O3 (1 - 3)	6/12/2002	Soil	Tier I	No						
2F0P308	RAA4-O9 (0 - 1)	6/12/2002	Soil	Tier I	No						
2F0P308	RAA4 O9 (3 - 6)	6/12/2002	Soil	Tier I	No						
2F0P355	RAA4-DUP-15 (1 - 6)	6/13/2002	Soil	Tier II	Yes	HpCDDs (total)	Field Duplicate RPD (Soil)	106.4%	<50%	0.0000011 J	RAA4-H7
						HpCDFs (total)	Field Duplicate RPD (Soil)	89.5%	<50%	0.0000011 J	
						HxCDDs (total)	Field Duplicate RPD (Soil)	75.9%	<50%	0.00000054 J	
						HxCDFs (total)	Field Duplicate RPD (Soil)	113.4%	<50%	0.0000021 J	
						OCDD	Field Duplicate RPD (Soil)	0.654205607	<50%	0.000036 J	

TABLE C-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
PCDDs/PCDFss (continued)											
2F0P355	RAA4-H7 (1 - 6)	6/13/2002	Soil	Tier II	Yes	HpCDDs (total)	Field Duplicate RPD (Soil)	106.4%	<50%	0.0000036 J	
						HpCDFs (total)	Field Duplicate RPD (Soil)	89.5%	<50%	0.00000042 J	
						HxCDDs (total)	Field Duplicate RPD (Soil)	75.9%	<50%	0.0000012 J	
						HxCDFs (total)	Field Duplicate RPD (Soil)	113.4%	<50%	0.00000058 J	
						OCDD	Field Duplicate RPD (Soil)	65.4%	<50%	0.000071 J	
2F0P355	RAA4-K19 (0 - 1)	6/13/2002	Soil	Tier II	No						
2F0P355	RAA4-K19 (6 - 15)	6/13/2002	Soil	Tier II	No						
2F0P355	RAA4-L8 (0 - 1)	6/13/2002	Soil	Tier II	No						
2F0P355	RAA4-M21 (0 - 1)	6/13/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Exceeds CAL Range	-	-	0.0016 EJ	
						1,2,3,4,7,8-HxCDF	Exceeds CAL Range	-	-	0.0016 EJ	
						1,2,3,6,7,8-HxCDF	Exceeds CAL Range	-	-	0.00099 EJ	
						2,3,4,7,8-PeCDF	Exceeds CAL Range	-	-	0.0011 EJ	
						2,3,7,8-TCDF	Exceeds CAL Range	-	-	0.00053 YEJ	
2F0P355	RAA4-M21 (3 - 6)	6/13/2002	Soil	Tier II	Yes	1,2,3,4,7,8-HxCDF	Exceeds CAL Range	-	-	0.0059 EJ	
						2,3,7,8-TCDF	Exceeds CAL Range	-	-	0.0023 YEJ	
2F0P391	RAA4-DUP-17 (6 - 15)	6/14/2002	Soil	Tier II	Yes	PeCDFs (total)	Field Duplicate RPD (Soil)	54.5%	<50%	0.0012 QJ	RAA4-O15
2F0P391	RAA4-H17 (0 - 1)	6/14/2002	Soil	Tier II	No						
2F0P391	RAA4-H17 (1 - 6)	6/14/2002	Soil	Tier II	No						
2F0P391	RAA4-M23 (0 - 1)	6/14/2002	Soil	Tier II	No						
2F0P391	RAA4-O15 (6 - 15)	6/14/2002	Soil	Tier II	Yes	PeCDFs (total)	Field Duplicate RPD (Soil)	54.5%	<50%	0.0021 QJ	
2F0P391	RAA4-O25 (0 - 1)	6/14/2002	Soil	Tier II	Yes	2,3,7,8-TCDF	Exceeds CAL Range	-	-	0.0024 YEJ	
2F0P391	RAA4-O25 (3 - 6)	6/14/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Theoretical Ion Abundance Ratios	0.84	0.43 to 0.59	0.040 J	
						HpCDFs (total)	Theoretical Ion Abundance Ratios	0.84	0.43 to 0.59	0.069 J	
2F0P391	RINSE BLANK 061402-1	6/14/2002	Water	Tier II	No						
2F0P416	RAA4-DUP-18 (6 - 15)	6/17/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Field Duplicate RPD (Soil)	68.3%	<50%	0.000054 J	RAA4-K27
						1,2,3,4,6,7,8-HpCDF	Field Duplicate RPD (Soil)	53.8%	<50%	0.00019 J	
						1,2,3,4,7,8-HxCDF	Field Duplicate RPD (Soil)	54.5%	<50%	0.00020 J	
						1,2,3,6,7,8-HxCDD	Field Duplicate RPD (Soil)	66.7%	<50%	0.0000021 J	
						1,2,3,7,8,9-HxCDD	Field Duplicate RPD (Soil)	58.6%	<50%	0.00000082 J	
						1,2,3,7,8,9-HxCDF	Field Duplicate RPD (Soil)	57.1%	<50%	0.000020 J	
						2,3,7,8-TCDF	Field Duplicate RPD (Soil)	55.4%	<50%	0.000030 YJ	
						HpCDDs (total)	Field Duplicate RPD (Soil)	73.7%	<50%	0.00012 J	
						HpCDFs (total)	Field Duplicate RPD (Soil)	52.4%	<50%	0.00076 J	
						HxCDDs (total)	Field Duplicate RPD (Soil)	70.6%	<50%	0.000033 J	
						HxCDFs (total)	Field Duplicate RPD (Soil)	55.3%	<50%	0.00055 J	
						OCDD	Field Duplicate RPD (Soil)	74.5%	<50%	0.00064 J	
						OCDF	Field Duplicate RPD (Soil)	51.4%	<50%	0.0013 J	
						PeCDFs (total)	Field Duplicate RPD (Soil)	55.3%	<50%	0.00034 J	
2F0P416	RAA4-I9 (0 - 1)	6/17/2002	Soil	Tier II	No						
2F0P416	RAA4-K27 (1 - 3)	6/17/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Exceeds CAL Range	-	-	0.0013 EJ	
						OCDD	Exceeds CAL Range	-	-	0.016 EJ	
						OCDF	Exceeds CAL Range	-	-	0.0051 EJ	
2F0P416	RAA4-K27 (6 - 15)	6/17/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Field Duplicate RPD (Soil)	68.3%	<50%	0.00011 J	
						1,2,3,4,6,7,8-HpCDF	Field Duplicate RPD (Soil)	53.8%	<50%	0.00033 J	
						1,2,3,4,7,8-HxCDF	Field Duplicate RPD (Soil)	54.5%	<50%	0.00035 J	
						1,2,3,6,7,8-HxCDD	Field Duplicate RPD (Soil)	66.7%	<50%	0.0000042 J	
						1,2,3,7,8,9-HxCDD	Field Duplicate RPD (Soil)	58.6%	<50%	0.00000015 J	
						1,2,3,7,8,9-HxCDF	Field Duplicate RPD (Soil)	57.1%	<50%	0.000036 J	
						2,3,7,8-TCDF	Field Duplicate RPD (Soil)	55.4%	<50%	0.000053 YJ	
						HpCDDs (total)	Field Duplicate RPD (Soil)	73.7%	<50%	0.00026 J	
						HpCDFs (total)	Field Duplicate RPD (Soil)	52.4%	<50%	0.0013 J	
						HxCDDs (total)	Field Duplicate RPD (Soil)	70.6%	<50%	0.000069 J	
						HxCDFs (total)	Field Duplicate RPD (Soil)	55.3%	<50%	0.00097 J	
						OCDD	Field Duplicate RPD (Soil)	74.5%	<50%	0.0014 J	
						OCDF	Field Duplicate RPD (Soil)	51.4%	<50%	0.0022 J	
						PeCDFs (total)	Field Duplicate RPD (Soil)	55.3%	<50%	0.00060 J	
2F0P416	RAA4-K31 (3 - 6)	6/17/2002	Soil	Tier II	No						

TABLE C-1
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ANALYTICAL DATA VALIDATION SUMMARY
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/PCDFss (continued)											
2F0P416	RAA4-P16 (3 - 6)	6/17/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Exceeds CAL Range	-	-	0.0014 EJ	
						1,2,3,4,7,8,9-HpCDF	Exceeds CAL Range	-	-	0.0012 EJ	
						1,2,3,4,7,8-HxCDF	Exceeds CAL Range	-	-	0.0038 EJ	
						1,2,3,6,7,8-HxCDF	Exceeds CAL Range	-	-	0.0011 EJ	
						1,2,3,7,8,9-HxCDF	Exceeds CAL Range	-	-	0.0020 EJ	
						2,3,4,6,7,8-HxCDF	Exceeds CAL Range	-	-	0.0012 EJ	
						2,3,4,7,8-PeCDF	Exceeds CAL Range	-	-	0.0021 EJ	
						2,3,7,8-TCDF	Exceeds CAL Range	-	-	0.00070 YEJ	
2F0P416	RINSE BLANK-061702-1	6/17/2002	Water	Tier II	No						
2F0P440	RAA4-DUP-19 (1 - 6)	6/18/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Exceeds CAL Range	-	-	0.0016 EJ	RAA4-K15
						1,2,3,4,7,8,9-HpCDF	Cleanup Standard %R	0.0%		0.00041 J	
						1,2,3,4,7,8,9-HpCDF	Field Duplicate RPD (Soil)	52.3%	<50%	0.00041 J	
						1,2,3,4,7,8-HxCDF	Exceeds CAL Range	-	-	0.0018 EJ	
						2,3,4,6,7,8-HxCDF	Exceeds CAL Range	-	-	0.0017 EJ	
						2,3,4,7,8-PeCDF	Exceeds CAL Range	-	-	0.0016 EJ	
						2,3,7,8-TCDF	Exceeds CAL Range	-	-	0.00080 YEJ	
						PeCDDs (total)	Field Duplicate RPD (Soil)	56.9%	<50%	0.00014 QJ	
2F0P440	RAA4-F19 (0 - 1)	6/18/2002	Soil	Tier II	Yes	1,2,3,4,7,8,9-HpCDF	Cleanup Standard %R	0.0%		0.0000059 J	
2F0P440	RAA4-F19 (1 - 6)	6/18/2002	Soil	Tier II	Yes	1,2,3,4,7,8,9-HpCDF	Cleanup Standard %R	0.0%		0.0000052 J	
2F0P440	RAA4-G21 (1 - 6)	6/18/2002	Soil	Tier II	Yes	1,2,3,4,7,8,9-HpCDF	Cleanup Standard %R	0.0%		0.00011 J	
2F0P440	RAA4-K15 (1 - 6)	6/18/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDF	Exceeds CAL Range	-	-	0.0023 EJ	
						1,2,3,4,7,8,9-HpCDF	Cleanup Standard %R	0.0%		0.00070 J	
						1,2,3,4,7,8,9-HpCDF	Field Duplicate RPD (Soil)	52.3%	<50%	0.00070 J	
						1,2,3,4,7,8-HxCDF	Exceeds CAL Range	-	-	0.0027 EJ	
						1,2,3,6,7,8-HxCDF	Exceeds CAL Range	-	-	0.0014 EJ	
						2,3,4,6,7,8-HxCDF	Exceeds CAL Range	-	-	0.0023 EJ	
						2,3,4,7,8-PeCDF	Exceeds CAL Range	-	-	0.0020 EJ	
						2,3,7,8-TCDF	Exceeds CAL Range	-	-	0.0010 YEJ	
						PeCDDs (total)	Field Duplicate RPD (Soil)	56.9%	<50%	0.000078 QJ	
2F0P440	RAA4-M26 (1 - 3)	6/18/2002	Soil	Tier II	Yes	1,2,3,4,7,8,9-HpCDF	Cleanup Standard %R	0.0%		R	
2F0P440	RAA4-N15 (1 - 3)	6/18/2002	Soil	Tier II	No						
2F0P440	RAA4-Q6 (1 - 3)	6/18/2002	Soil	Tier II	Yes	1,2,3,4,7,8,9-HpCDF	Cleanup Standard %R	0.0%		R	
2F0P514	RAA4-DUP-20 (0 - 1)	6/20/2002	Soil	Tier II	No						RAA4-H33
2F0P514	RAA4-G33 (6 - 15)	6/20/2002	Soil	Tier II	No						
2F0P514	RAA4-H31 (1 - 6)	6/20/2002	Soil	Tier II	No						
2F0P514	RAA4-H33 (0 - 1)	6/20/2002	Soil	Tier II	Yes	2,3,7,8-TCDF	Exceeds CAL Range	-	-	0.00050 YEJ	
2F0P570	RAA4-G31 (0 - 1)	6/24/2002	Soil	Tier I	No						
2F0P570	RAA4-G34 (0 - 1)	6/24/2002	Soil	Tier I	No						
2F0P570	RAA4-I3 (0 - 1)	6/24/2002	Soil	Tier I	No						
2F0P570	RINSE BLANK-062402-1	6/24/2002	Water	Tier I	No						
2F0P590	RAA4-I30 (0 - 1)	6/25/2002	Soil	Tier II	Yes	1,2,3,4,7,8-HxCDF	Exceeds CAL Range	-	-	0.0054 EJ	
						1,2,3,7,8-PeCDF	Exceeds CAL Range	-	-	0.010 EJ	
						2,3,4,7,8-PeCDF	Exceeds CAL Range	-	-	0.0073 EJ	
						2,3,7,8-TCDF	Exceeds CAL Range	-	-	0.014 YEJ	
2F0P590	RAA4-J28 (0 - 1)	6/25/2002	Soil	Tier II	No						
2F0P590	RAA4-J30 (0 - 1)	6/25/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000077)	
2F0P590	RAA4-L28 (0 - 1)	6/25/2002	Soil	Tier II	No						
2F0P590	RAA4-L31 (0 - 1)	6/25/2002	Soil	Tier II	No						
2F0P590	RAA4-M8 (0 - 1)	6/25/2002	Soil	Tier II	No						
2F0P590	RINSE BLANK-062502-1	6/25/2002	Water	Tier II	No						

TABLE C-1
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ANALYTICAL DATA VALIDATION SUMMARY
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/PCDFss (continued)											
2F0P624	RAA4-DUP-21 (0 - 1)	6/25/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Field Duplicate RPD (Soil)	56.8%	<50%	0.00011 J	RAA4-R4
						1,2,3,4,6,7,8-HpCDF	Field Duplicate RPD (Soil)	53.6%	<50%	0.00071 J	
						1,2,3,4,7,8-HxCDD	Field Duplicate RPD (Soil)	78.1%	<50%	0.000921 J	
						1,2,3,4,7,8-HxCDF	Field Duplicate RPD (Soil)	60.9%	<50%	0.00075 J	
						1,2,3,6,7,8-HxCDD	Field Duplicate RPD (Soil)	78.8%	<50%	0.000923 J	
						1,2,3,7,8,9-HxCDD	Field Duplicate RPD (Soil)	82.5%	<50%	0.000919 J	
						1,2,3,7,8-PeCDF	Field Duplicate RPD (Soil)	66.7%	<50%	0.00026 J	
						2,3,4,6,7,8-HxCDF	Field Duplicate RPD (Soil)	54.0%	<50%	0.00046 J	
						2,3,4,7,8-PeCDF	Field Duplicate RPD (Soil)	78.5%	<50%	0.00055 J	
						2,3,7,8-TCDF	Field Duplicate RPD (Soil)	69.0%	<50%	0.00039 YJ	
						HpCDDs (total)	Field Duplicate RPD (Soil)	55.6%	<50%	0.00023 J	
						HpCDFs (total)	Field Duplicate RPD (Soil)	53.2%	<50%	0.0015 J	
						HxCDDs (total)	Field Duplicate RPD (Soil)	85.7%	<50%	0.00040 J	
						HxCDFs (total)	Field Duplicate RPD (Soil)	56.2%	<50%	0.0057 IJ	
						OCDD	Field Duplicate RPD (Soil)	50.7%	<50%	0.00042 J	
						OCDF	Field Duplicate RPD (Soil)	68.3%	<50%	0.00055 J	
						PeCDDs (total)	Field Duplicate RPD (Soil)	96.9%	<50%	0.00019 QJ	
						PeCDFs (total)	Field Duplicate RPD (Soil)	58.8%	<50%	0.0044 QIJ	
						TCDDs (total)	Field Duplicate RPD (Soil)	77.4%	<50%	0.00019 J	
						TCDFs (total)	Field Duplicate RPD (Soil)	71.0%	<50%	0.0042 J	
2F0P624	RAA4-O16 (0 - 1)	6/26/2002	Soil	Tier II	No						
2F0P624	RAA4-O4 (0 - 1)	6/26/2002	Soil	Tier II	No						
2F0P624	RAA4-P14 (0 - 1)	6/26/2002	Soil	Tier II	No						
2F0P624	RAA4-P6 (0 - 1)	6/26/2002	Soil	Tier II	No						
2F0P624	RAA4-Q8 (0 - 1)	6/26/2002	Soil	Tier II	No						
2F0P624	RAA4-R4 (0 - 1)	6/26/2002	Soil	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Field Duplicate RPD (Soil)	56.8%	<50%	0.000650 J	
						1,2,3,4,6,7,8-HpCDF	Field Duplicate RPD (Soil)	53.6%	<50%	0.00041 J	
						1,2,3,4,7,8-HxCDD	Field Duplicate RPD (Soil)	78.1%	<50%	0.0000952 J	
						1,2,3,4,7,8-HxCDF	Field Duplicate RPD (Soil)	60.9%	<50%	0.00040 J	
						1,2,3,6,7,8-HxCDD	Field Duplicate RPD (Soil)	78.8%	<50%	0.000910 J	
						1,2,3,7,8,9-HxCDD	Field Duplicate RPD (Soil)	82.5%	<50%	0.0000979 J	
						1,2,3,7,8-PeCDF	Field Duplicate RPD (Soil)	66.7%	<50%	0.00013 IJ	
						2,3,4,6,7,8-HxCDF	Field Duplicate RPD (Soil)	54.0%	<50%	0.00023 J	
						2,3,4,7,8-PeCDF	Field Duplicate RPD (Soil)	78.5%	<50%	0.00024 J	
						2,3,7,8-TCDF	Field Duplicate RPD (Soil)	69.0%	<50%	0.00019 YJ	
						HpCDDs (total)	Field Duplicate RPD (Soil)	55.6%	<50%	0.00013 J	
						HpCDFs (total)	Field Duplicate RPD (Soil)	53.2%	<50%	0.00087 J	
						HxCDDs (total)	Field Duplicate RPD (Soil)	85.7%	<50%	0.00016 J	
						HxCDFs (total)	Field Duplicate RPD (Soil)	56.2%	<50%	0.0032 IJ	
						OCDD	Field Duplicate RPD (Soil)	50.7%	<50%	0.00025 J	
						OCDF	Field Duplicate RPD (Soil)	68.3%	<50%	0.00027 J	
						PeCDDs (total)	Field Duplicate RPD (Soil)	96.9%	<50%	0.000166 QJ	
						PeCDFs (total)	Field Duplicate RPD (Soil)	58.8%	<50%	0.0024 QJ	
						TCDDs (total)	Field Duplicate RPD (Soil)	77.4%	<50%	0.000084 J	
						TCDFs (total)	Field Duplicate RPD (Soil)	71.0%	<50%	0.0020 J	
2F0P624	RAA4-R5 (0 - 1)	6/26/2002	Soil	Tier II	No						
2F0P662	RAA4-O19 (3 - 6)	6/27/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.5016)	
2F0P662	RAA4-Q05 (3 - 6)	6/27/2002	Soil	Tier II	No						
2F0P700	RAA4-G11 (1 - 6)	6/28/2002	Soil	Tier I	No						
2F0P700	RAA4-M13 (1 - 3)	6/25/2002	Soil	Tier I	No						
2G0P048	RAA4-G7 (6 - 15)	7/2/2002	Soil	Tier II	No						
2G0P048	RAA4-I13 (0 - 1)	7/2/2002	Soil	Tier II	No						
2G0P048	RAA4-I13 (6 - 15)	7/2/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000058)	
2G0P048	RAA4-K11 (1 - 6)	7/2/2002	Soil	Tier II	Yes	OCDD	Method Blank	-	-	ND(0.0000049)	
2G0P048	RAA4-M11 (0 - 1)	7/2/2002	Soil	Tier II	No						
2G0P048	RINSE BLANK-070202-1	7/2/2002	Water	Tier II	No						
2G0P138	RAA4-I5 (6 - 15)	7/3/2002	Soil	Tier II	No						
2G0P138	RAA4-M7 (0 - 1)	7/3/2002	Soil	Tier II	No						
2G0P138	RAA4-O7 (0 - 1)	7/3/2002	Soil	Tier II	No						
2G0P138	RAA4-O7 (1 - 3)	7/3/2002	Soil	Tier II	No						

TABLE C-1
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ANALYTICAL DATA VALIDATION SUMMARY
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/PCDFss (continued)											
2G0P139	RAA4-F43 (6 - 15)	7/8/2002	Soil	Tier II	Yes	2,3,4,7,8-PeCDF	Method Blank	-	-	ND(0.000000048)	
						HpCDFs (total)	Method Blank	-	-	ND(0.000000079)	
						HxCDFs (total)	Method Blank	-	-	ND(0.00000011)	
						OCDD	Method Blank	-	-	ND(0.0000024)	
						PeCDFs (total)	Method Blank	-	-	ND(0.000000048)	
2G0P139	RAA4-G14 (1 - 6)	7/8/2002	Soil	Tier II	No						
2G0P139	RAA4-M15 (0 - 1)	7/8/2002	Soil	Tier II	No						
2G0P139	RAA4-M15 (3 - 6)	7/8/2002	Soil	Tier II	No						
2G0P139	RAA4-P3 (0 - 1)	7/8/2002	Soil	Tier II	No						
2J0P577	RAA4-DUP-25 (1 - 6)	10/18/2002	Soil	Tier II	Yes	2,3,7,8-TCDF	Exceeds CAL Range	-	-	0.0076 YEU	RAA4-H27
						PeCDDs (total)	Field Duplicate RPD (Soil)	73.7%	<50%	0.0026 J	
2J0P577	RAA4-H27 (1 - 6)	10/18/2002	Soil	Tier II	Yes	2,3,7,8-TCDF	Exceeds CAL Range	-	-	0.0094 YEQU	
						PeCDDs (total)	Field Duplicate RPD (Soil)	73.7%	<50%	0.0012 J	
2J0P577	RAA4-I33 (6 - 15)	10/18/2002	Soil	Tier II	No						
2J0P577	RB-101802-1 (0 - 0)	10/18/2002	Soil	Tier II	No						
Sulfide and Cyanide											
2D0P611	RAA4-C27 (0 - 1)	4/22/2002	Soil	Tier I	No						
2D0P611	RAA4-F39 (0 - 1)	4/22/2002	Soil	Tier I	No						
2D0P611	RAA4-I21 (0 - 1)	4/22/2002	Soil	Tier I	No						
2D0P611	RAA4-K30 (0 - 1)	4/22/2002	Soil	Tier I	No						
2D0P611	RAA4-M30 (0 - 1)	4/22/2002	Soil	Tier I	No						
2D0P633	RAA4-D29 (0 - 1)	4/23/2002	Soil	Tier I	No						
2D0P633	RAA4-D34 (0 - 1)	4/23/2002	Soil	Tier I	No						
2D0P633	RAA4-D34 (6 - 15)	4/23/2002	Soil	Tier I	No						

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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
Sulfide and Cyanide (continued)											
2D0P633	RAA4-E36 (0 - 1)	4/23/2002	Soil	Tier I	No						
2D0P633	RAA4-G38 (0 - 1)	4/23/2002	Soil	Tier I	No						
2D0P633	RAA4-G38 (1 - 6)	4/23/2002	Soil	Tier I	No						
2D0P633	RAA4-H35 (0 - 1)	4/23/2002	Soil	Tier I	No						
2D0P666	RAA4-D25 (0 - 1)	4/24/2002	Soil	Tier I	No						
2D0P666	RAA4-E23 (0 - 1)	4/24/2002	Soil	Tier I	No						
2D0P666	RAA4-E31 (0 - 1)	4/24/2002	Soil	Tier I	No						
2D0P666	RAA4-F31 (1 - 6)	4/24/2002	Soil	Tier I	No						
2D0P666	RAA4-F41 (0 - 1)	4/24/2002	Soil	Tier I	No						
2D0P697	RAA4-DUP-1 (6 - 15)	4/25/2002	Soil	Tier II	Yes	Cyanide	MS/MSD RPD	26.0%	<20%	0.580 J	RAA4-I23
2D0P697	RAA4-I15 (0 - 1)	4/25/2002	Soil	Tier II	No						
2D0P697	RAA4-I23 (0 - 1)	4/25/2002	Soil	Tier II	Yes	Cyanide	MS/MSD RPD	26.0%	<20%	0.130 J	
2D0P697	RAA4-I23 (6 - 15)	4/25/2002	Soil	Tier II	Yes	Cyanide	MS/MSD RPD	26.0%	<20%	0.390 J	
2D0P697	RAA4-K23 (0 - 1)	4/25/2002	Soil	Tier II	Yes	Cyanide	MS/MSD RPD	26.0%	<20%	0.150 J	
2D0P697	RAA4-M5 (0 - 1)	4/25/2002	Soil	Tier II	Yes	Cyanide	MS/MSD RPD	26.0%	<20%	0.260 J	
2D0P697	RAA4-O1 (0 - 1)	4/25/2002	Soil	Tier II	No						
2E0P356	RAA4-E40 (0 - 1)	5/13/2002	Soil	Tier II	No						
2E0P356	RAA4-F42 (1 - 6)	5/13/2002	Soil	Tier II	No						
2E0P363	RAA4-E38 (0 - 1)	5/14/2002	Soil	Tier I	No						
2E0P393	RAA4-F37 (0 - 1)	5/14/2002	Soil	Tier I	No						
2E0P393	RAA4-G36 (0 - 1)	5/14/2002	Soil	Tier I	No						
2E0P415	RAA4-B35 (0 - 1)	5/15/2002	Soil	Tier I	No						
2E0P415	RAA4-C36 (0 - 1)	5/15/2002	Soil	Tier I	No						
2E0P415	RAA4-C36 (1 - 6)	5/15/2002	Soil	Tier I	No						
2E0P447	RAA4-A33 (0 - 1)	5/16/2002	Soil	Tier I	No						
2E0P447	RAA4-A35 (0 - 1)	5/16/2002	Soil	Tier I	No						
2E0P483	RAA4-B34 (1 - 6)	5/16/2002	Soil	Tier I	No						
2E0P483	RAA4-E35 (0 - 1)	5/17/2002	Soil	Tier I	No						
2E0P540	RAA4-B29 (0 - 1)	5/20/2002	Soil	Tier I	No						
2E0P540	RAA4-C31 (0 - 1)	5/20/2002	Soil	Tier I	No						
2E0P540	RAA4-C33 (0 - 1)	5/20/2002	Soil	Tier I	No						
2E0P554	RAA4-C29 (1 - 6)	5/21/2002	Soil	Tier I	No						
2E0P554	RAA4-D33 (0 - 1)	5/21/2002	Soil	Tier I	No						
2E0P554	RAA4-E29 (0 - 1)	5/21/2002	Soil	Tier I	No						
2E0P554	RINSE BLANK-052102	5/21/2002	Water	Tier I	No						
2E0P595	RAA4-DUP-5 (0 - 1)	5/22/2002	Soil	Tier II	Yes	Sulfide	MS %R	74.0%	75% to 125%	17.0 J	RAA4-F20
2E0P595	RAA4-F20 (0 - 1)	5/22/2002	Soil	Tier II	Yes	Sulfide	MS %R	74.0%	75% to 125%	17.0 J	
2E0P595	RAA4-G27 (0 - 1)	5/22/2002	Soil	Tier II	Yes	Sulfide	MS %R	74.0%	75% to 125%	47.0 J	
2E0P595	RAA4-H29 (0 - 1)	5/22/2002	Soil	Tier II	Yes	Sulfide	MS %R	74.0%	75% to 125%	19.0 J	
2E0P710	RAA4-F34 (0 - 1)	5/28/2002	Soil	Tier I	No						
2E0P710	RAA4-F34 (1 - 6)	5/28/2002	Soil	Tier I	No						
2E0P710	RAA4-F35 (6 - 15)	5/28/2002	Soil	Tier I	No						
2E0P721	RAA4-M27 (0 - 1)	5/29/2002	Soil	Tier II	No						
2E0P759	RAA4-D21 (0 - 1)	5/30/2002	Soil	Tier I	No						
2E0P759	RAA4-D23 (1 - 6)	5/30/2002	Soil	Tier I	No						
2F0P041	RAA4-L25 (0 - 1)	6/3/2002	Soil	Tier I	No						
2F0P041	RAA4-K25 (0 - 1)	6/3/2002	Soil	Tier I	No						
2F0P071	RAA4-DUP-9 (0 - 1)	6/4/2002	Soil	Tier I	No						RAA4-F21
2F0P071	RAA4-F21 (0 - 1)	6/4/2002	Soil	Tier I	No						
2F0P071	RAA4-H21 (0 - 1)	6/4/2002	Soil	Tier I	No						
2F0P071	RINSE BLANK-060402-1	6/4/2002	Water	Tier I	No						
2F0P171	RAA4-H34 (1 - 6)	6/6/2002	Soil	Tier I	No						
2F0P171	RAA4-I33 (0 - 1)	6/6/2002	Soil	Tier I	No						
2F0P171	RAA4-I33 (6 - 15)	6/6/2002	Soil	Tier I	No						
2F0P171	RAA4-I34 (0 - 1)	6/6/2002	Soil	Tier I	No						
2F0P171	RAA4-K33 (0 - 1)	6/6/2002	Soil	Tier I	No						
2F0P196	RAA4-E15 (0 - 1)	6/7/2002	Soil	Tier I	No						
2F0P196	RAA4-E17 (0 - 1)	6/7/2002	Soil	Tier I	No						
2F0P222	RAA4-M17 (0 - 1)	6/10/2002	Soil	Tier I	No						

TABLE C-1
EAST STREET AREA 2 SOUTH PRE-DESIGN INVESTIGATION SAMPLES

ANALYTICAL DATA VALIDATION SUMMARY
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
Sulfide and Cyanide (continued)											
2F0P257	RAA4-G5 (0 - 1)	6/11/2002	Soil	Tier I	No						
2F0P257	RAA4-H3 (6 - 15)	6/11/2002	Soil	Tier I	No						
2F0P257	RAA4-K3 (1 - 6)	6/11/2002	Soil	Tier I	No						
2F0P257	RAA4-M3 (0 - 1)	6/11/2002	Soil	Tier I	No						
2F0P306	RAA4-O13 (0 - 1)	6/12/2002	Soil	Tier I	No						
2F0P308	RAA4-O3 (1 - 3)	6/12/2002	Soil	Tier I	No						
2F0P308	RAA4-O5 (0 - 1)	6/12/2002	Soil	Tier I	No						
2F0P355	RAA4-DUP-15 (1 - 6)	6/13/2002	Soil	Tier I	No						RAA4-H7
2F0P355	RAA4-H7 (1 - 6)	6/13/2002	Soil	Tier I	No						
2F0P355	RAA4-K19 (0 - 1)	6/13/2002	Soil	Tier I	No						
2F0P355	RAA4-K19 (6 - 15)	6/13/2002	Soil	Tier I	No						
2F0P355	RAA4-L8 (0 - 1)	6/13/2002	Soil	Tier I	No						
2F0P355	RAA4-M21 (0 - 1)	6/13/2002	Soil	Tier I	No						
2F0P355	RAA4-M21 (3 - 6)	6/13/2002	Soil	Tier I	No						
2F0P391	RAA4-H17 (0 - 1)	6/14/2002	Soil	Tier I	No						
2F0P391	RAA4-M23 (0 - 1)	6/14/2002	Soil	Tier I	No						
2F0P391	RAA4-O25 (0 - 1)	6/14/2002	Soil	Tier I	No						
2F0P391	RAA4-O25 (3 - 6)	6/14/2002	Soil	Tier I	No						
2F0P391	RINSE BLANK-061402-1	6/14/2002	Water	Tier I	No						
2F0P416	RAA4-DUP-18 (6 - 15)	6/17/2002	Soil	Tier II	Yes	Cyanide	MS %R	67%	75% to 125%	ND(0.150) J	RAA4-K27
						Cyanide	MS/MSD RPD	22%	<20%	ND(0.150) J	
						Sulfide	MS %R	61%	75% to 125%	40.0 J	
2F0P416	RAA4-I9 (0 - 1)	6/17/2002	Soil	Tier II	Yes	Cyanide	MS %R	67%	75% to 125%	0.280 J	
						Cyanide	MS/MSD RPD	22%	<20%	0.280 J	
						Sulfide	MS %R	61%	75% to 125%	46.0 J	
2F0P416	RAA4-K27 (1 - 3)	6/17/2002	Soil	Tier II	Yes	Cyanide	MS %R	67%	75% to 125%	0.160 J	
						Cyanide	MS/MSD RPD	22%	<20%	0.160 J	
						Sulfide	MS %R	61%	75% to 125%	170 J	
2F0P416	RAA4-K27 (6 - 15)	6/17/2002	Soil	Tier II	Yes	Cyanide	MS %R	67%	75% to 125%	ND(0.150) J	
						Cyanide	MS/MSD RPD	22%	<20%	ND(0.150) J	
						Sulfide	MS %R	61%	75% to 125%	68.0 J	
2F0P416	RAA4-K31 (3 - 6)	6/17/2002	Soil	Tier II	Yes	Cyanide	MS %R	67%	75% to 125%	ND(0.110) J	
						Cyanide	MS/MSD RPD	22%	<20%	ND(0.110) J	
						Sulfide	MS %R	61%	75% to 125%	38.0 J	
2F0P416	RINSE BLANK 061702-1	6/17/2002	Water	Tier II	No						
2F0P440	RAA4-M29 (1 - 3)	6/18/2002	Soil	Tier I	No						
2F0P440	RAA4-O6 (1 - 3)	6/18/2002	Soil	Tier I	No						
2F0P514	RAA4-DUP-20 (0 - 1)	6/20/2002	Soil	Tier I	No						RAA4-I33
2F0P514	RAA4-G33 (6 - 15)	6/20/2002	Soil	Tier I	No						
2F0P514	RAA4-I31 (1 - 6)	6/20/2002	Soil	Tier I	No						
2F0P514	RAA4-I33 (0 - 1)	6/20/2002	Soil	Tier I	No						
2F0P570	RAA4-G31 (0 - 1)	6/24/2002	Soil	Tier I	No						
2F0P570	RAA4-G34 (0 - 1)	6/24/2002	Soil	Tier I	No						
2F0P570	RAA4-I3 (0 - 1)	6/24/2002	Soil	Tier I	No						
2F0P590	RAA4-I30 (0 - 1)	6/25/2002	Soil	Tier I	No						
2F0P590	RAA4-J26 (0 - 1)	6/25/2002	Soil	Tier I	No						
2F0P590	RAA4-J30 (0 - 1)	6/25/2002	Soil	Tier I	No						
2F0P590	RAA4-L28 (0 - 1)	6/25/2002	Soil	Tier I	No						
2F0P590	RAA4-L31 (0 - 1)	6/25/2002	Soil	Tier I	No						
2F0P590	RAA4-M8 (0 - 1)	6/25/2002	Soil	Tier I	No						
2F0P590	RINSE BLANK-062502-1	6/25/2002	Water	Tier I	No						
2F0P624	RAA4-DUP-21 (0 - 1)	6/26/2002	Soil	Tier II	Yes	Sulfide	MS/MSD RPD	50.0%	<20%	41.0 J	RAA4-R4
2F0P624	RAA4-O16 (0 - 1)	6/26/2002	Soil	Tier II	Yes	Sulfide	MS/MSD RPD	50.0%	<20%	25.0 J	
2F0P624	RAA4-O4 (0 - 1)	6/26/2002	Soil	Tier II	Yes	Sulfide	MS/MSD RPD	50.0%	<20%	20.0 J	
2F0P624	RAA4-P14 (0 - 1)	6/26/2002	Soil	Tier II	Yes	Sulfide	MS/MSD RPD	50.0%	<20%	13.0 J	
2F0P624	RAA4-P6 (0 - 1)	6/26/2002	Soil	Tier II	Yes	Sulfide	MS/MSD RPD	50.0%	<20%	110 J	
2F0P624	RAA4-Q8 (0 - 1)	6/26/2002	Soil	Tier II	Yes	Sulfide	MS/MSD RPD	50.0%	<20%	18.0 J	
2F0P624	RAA4-R4 (0 - 1)	6/26/2002	Soil	Tier II	Yes	Sulfide	MS/MSD RPD	50.0%	<20%	61.0 J	
2F0P624	RAA4-R5 (0 - 1)	6/26/2002	Soil	Tier II	Yes	Sulfide	MS/MSD RPD	0.5	<20%	56.0 J	

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ANALYTICAL DATA VALIDATION SUMMARY
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
Sulfide and Cyanide (continued)											
2F0P662	RAA4-O19 (1 - 3)	6/27/2002	Soil	Tier I	No						
2F0P662	RAA4-O05 (3 - 6)	6/27/2002	Soil	Tier I	No						
2F0P700	RAA4-G11 (1 - 6)	6/28/2002	Soil	Tier I	No						
2F0P700	RAA4-M13 (1 - 3)	6/28/2002	Soil	Tier I	No						
2G0P048	RAA4-G7 (6 - 15)	7/2/2002	Soil	Tier I	No						
2G0P048	RAA4-I13 (0 - 1)	7/2/2002	Soil	Tier I	No						
2G0P048	RAA4-K11 (1 - 6)	7/2/2002	Soil	Tier I	No						
2G0P048	RAA4-M11 (0 - 1)	7/2/2002	Soil	Tier I	No						
2G0P048	RINSE BLANK-070202-1	7/2/2002	Water	Tier I	No						
2G0P138	RAA4-I5 (6 - 15)	7/3/2002	Soil	Tier I	No						
2G0P138	RAA4-M7 (0 - 1)	7/3/2002	Soil	Tier I	No						
2G0P138	RAA4-O7 (0 - 1)	7/3/2002	Soil	Tier I	No						
2G0P138	RAA4-O7 (1 - 3)	7/3/2002	Soil	Tier I	No						
2G0P139	RAA4-F13 (6 - 15)	7/8/2002	Soil	Tier I	No						
2G0P139	RAA4-M15 (0 - 1)	7/8/2002	Soil	Tier I	No						
2G0P139	RAA4-M15 (3 - 6)	7/8/2002	Soil	Tier I	No						
2G0P139	RAA4-P3 (0 - 1)	7/8/2002	Soil	Tier I	No						
2J0P577	RAA4 DUP-25 (1 - 6)	10/18/2002	Soil	Tier II	Yes	Cyanide	MS/MSD RPD	36.0%	<20%	0.19 J	RAA4-H27
2J0P577	RAA4-H27 (1 - 6)	10/18/2002	Soil	Tier II	No						
2J0P577	RAA4-O3 (6 - 15)	10/18/2002	Soil	Tier II	No						
2J0P577	RB-101802-1 (0 - 0)	10/18/2002	Water	Tier II	No						