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Transmitted Via Overnight Courier

July 30, 2004

Mr. James M. DiLorenzo
U.S. Environmental Protection Agency
EPA — New England
One Congress Street, Suite 1100
Boston, Massachusetts 02114-2023

Re: GE-Pittsfield/Housatonic River Site

Groundwater Management Area 1 (GECD310) Groundwater Quality Interim Report for Spring 2004

Dear Mr. DiLorenzo:

In accordance with GE's approved Baseline Monitoring Program Proposal for Plant Site 1 Groundwater Management Area (September 2000) and Plant Site 1 Groundwater Management Area Groundwater Quality Interim Report for Spring 2003 (July 2003), enclosed is the Plant Site 1 Groundwater Management Area Groundwater Quality Interim Report for Spring 2004. This report summarizes activities performed as part of the Plant Site 1 Groundwater Management Area (GMA 1) interim groundwater quality monitoring program during spring 2004, including the results of the latest groundwater sampling and analysis round at GMA 1.

Please call Andrew Silfer or me if you have any questions regarding this report.

Sincerely, Novoty/Mfa

John F. Novotny, P.E.

Manager - Facilities and Brownfields Programs

Enclosure

VAGE_Pittsfield_CD_GMA_IAReports and Presentations/Spring 2004 GW Report/4744CvrLtr.doc

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Plant Site 1 Groundwater Management Area Groundwater Quality Monitoring Interim Report for Spring 2004

General Electric Company Pittsfield, Massachusetts

July 2004



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1. Introduction

1.1 General

On October 27, 2000, a Consent Decree (CD) executed in 1999 by the General Electric Company (GE), the United States Environmental Protection Agency (EPA), the Massachusetts Department of Environmental Protection (MDEP), and several other government agencies was entered by the United States District Court for the District of Massachusetts. The CD governs (among other things) the performance of response actions to address polychlorinated biphenyls (PCBs) and other hazardous constituents in soil, sediment, and groundwater in several Removal Action Areas (RAAs) located in or near Pittsfield, Massachusetts that collectively comprise the GE-Pittsfield/Housatonic River Site (the Site). For groundwater and non-aqueous-phase liquid (NAPL), the RAAs at and near the GE Pittsfield facility have been divided into five separate Groundwater Management Areas (GMAs), which are illustrated on Figure 1. These GMAs are described, together with the Performance Standards established for the response actions at and related to them, in Section 2.7 of the Statement of Work for Removal Actions Outside the River (SOW) (Appendix E to the CD), with further details presented in Attachment H to the SOW (Groundwater/NAPL Monitoring, Assessment, and Response Programs). This report relates to the Plant Site 1 Groundwater Management Area, also known as and referred to herein as GMA 1.

In September 2000, GE submitted a *Baseline Monitoring Proposal for Plant Site 1 Groundwater Management Area* (GMA 1 Baseline Monitoring Proposal). The GMA 1 Baseline Monitoring Proposal summarized the hydrogeologic information available at that time for GMA 1 and proposed groundwater and NAPL monitoring activities (incorporating as appropriate those activities that were in place at that time) for the baseline monitoring period at this GMA. EPA provided conditional approval of the GMA 1 Baseline Monitoring Proposal by letter of March 20, 2001. Thereafter, certain modifications were made to the GMA 1 baseline monitoring program as a result of EPA approval conditions and/or findings during field reconnaissance of the selected monitoring locations. Those modifications were documented in update letters from GE to EPA dated May 18, August 16, and August 22, 2001.

The baseline monitoring program, which was initiated in fall 2001, consisted of four semi-annual groundwater quality sampling events followed by preparation and submittal of reports summarizing the groundwater monitoring results and, as appropriate, proposal of modifications to the monitoring program. The fourth baseline monitoring report for GMA 1, entitled *Plant Site 1 Groundwater Management Area Baseline Groundwater Quality Interim Report for Spring 2003* (Spring 2003 GMA 1 Groundwater Quality Report), was

submitted to EPA on July 30, 2003. Section 6.1.3 of Attachment H to the SOW provides that if the two-year "baseline" period ends prior to the completion of soil-related response actions at all the RAAs in a GMA, GE may make a proposal to EPA to modify and/or extend the Baseline Monitoring Program based on the results of the initial assessment and the estimated timing of future response actions at the RAAs in the GMA. The approved GMA 1 Baseline Monitoring Proposal also allows GE to propose a modification and/or extension of the baseline monitoring program based on the results of the initial assessment and the estimated timing of future response actions. Therefore, the Spring 2003 GMA 1 Groundwater Quality Report contained a proposal to modify and extend baseline groundwater quality monitoring activities at GMA 1 (under a program referred to as an interim monitoring program) until such time as the soil-related Removal Actions at the GMA 1 RAAs are completed and the specific components of a long-term groundwater quality monitoring program are determined. EPA conditionally approved the Spring 2003 GMA 1 Groundwater Quality Report by letter dated September 23, 2003. Under the approved interim monitoring program, annual water quality sampling (alternating between the spring and fall seasons) at selected GMA 1 wells was scheduled to begin in spring 2004, following a limited sampling event in fall 2003 involving the collection of groundwater samples from six wells that did not yet have four complete rounds of sampling as part of the baseline monitoring program. Additionally, the fall 2003 event included the collection of samples for mercury analysis from 12 wells at which mercury had been detected in the fall 2002 sampling round.

As part of the interim groundwater quality monitoring program, GE is required to submit reports after each groundwater sampling event to summarize the groundwater monitoring results and related activities and, as appropriate, propose modifications to the monitoring program. The results of the fall 2003 limited sampling event were provided in GE's January 2004 *Plant Site 1 Groundwater Management Area Groundwater Quality Interim Report for Fall 2003* (Fall 2003 GMA 1 Groundwater Quality Report). This *Plant Site 1 Groundwater Management Area Groundwater Quality Interim Report for Spring 2004* (Spring 2004 GMA 1 Groundwater Quality Report) presents the results of the initial full round of interim groundwater sampling activities performed at this GMA in April 2004. It should be noted that this report is intended to provide groundwater quality information for GMA 1. The results of GE's groundwater flow monitoring, as well as assessments of the presence and extent of NAPL at GMA 1 (including summaries of GE's NAPL recovery efforts), are presented in separate semi-annual reports submitted under GE's NAPL monitoring program.

1.2 Background Information

As discussed above, the CD and SOW provide for the performance of groundwater-related Removal Actions at a number of GMAs. Some of these GMAs, including GMA 1, incorporate multiple RAAs to reflect the fact that

groundwater may flow between RAAs. GMA 1 incorporates 11 RAAs and occupies an area of approximately 215 acres (Figures 1 and 2). The RAAs within GMA 1 include the following:

- RAA 1 40s Complex
- RAA 2 30s Complex
- RAA 3 20s Complex
- RAA 4 East Street Area 2-South
- RAA 5 East Street Area 2-North
- RAA 6 East Street Area 1-North
- RAA 12 Lyman Street Area
- RAA 13 Newell Street Area II
- RAA 14 Newell Street Area I
- RAA 17 Silver Lake Area
- RAA 18 East Street Area 1-South

The GMA contains a combination of GE-owned and non-GE-owned industrial areas, residential properties, and recreational areas. The Housatonic River flows through the southern portion of this GMA, while Silver Lake is located along the western boundary.

Certain portions of this GMA originally consisted of land associated with oxbows or low-lying areas of the Housatonic River. Re-channelization and straightening of the Housatonic River in the early 1940s by the City of Pittsfield and the United States Army Corps of Engineers (USACE) separated several of these oxbows and low-lying areas from the active course of the river. These oxbows and low-lying areas were subsequently filled with various materials from a variety of sources, resulting in the current surface elevations and topography.

As discussed in Section 1.1 above, the CD and the SOW provide for the performance of groundwater-related Removal Actions at the GMAs, including the implementation of groundwater monitoring, assessment, and recovery programs. In general, these programs consist of a baseline monitoring program conducted over a period of at least two years to establish existing groundwater conditions and a long-term monitoring program performed to assess groundwater conditions over time and to verify the attainment of the Performance Standards for groundwater. The baseline monitoring program was initiated at GMA 1 in the fall of 2001 and the spring 2003 sampling event constituted the fourth baseline sampling event at most of the wells in GMA 1. EPA has approved the implementation of a modified monitoring program (referred to as the "interim monitoring

program") until the completion of the soil-related Removal Actions at the GMA 1 RAAs, at which time a long-term monitoring program will commence.

As set forth in the GMA 1 Baseline Monitoring Proposal and Addendum, the baseline monitoring program at this GMA initially involved a total of 65 monitoring wells. Subsequent modifications to the program resulted in the addition of one well (LSSC-08I) and replacement of five wells with substitute monitoring wells (ESA2S-52 for ES2-17, MW-3R for MW-3, GMA1-13 for 95-9, ESA1S-33 for ES1-8, and ES1-23R for ES1-23). All of these wells were monitored for groundwater elevations on a quarterly basis and sampled on a semi-annual basis for analysis of PCBs and/or certain other constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents -- benzidine, 2-chloroethylvinyl ether, and 1,2-diphenyhydrazine (Appendix IX+3). The specific groundwater quality parameters for each individual well were selected based on the monitoring objectives of the well.

In the Spring 2003 GMA 1 Groundwater Quality Report, GE described its proposed interim groundwater quality monitoring program. Certain specific monitoring tasks were to be performed in fall 2003, and GE submitted its Fall 2003 GMA 1 Groundwater Quality Report providing the results of those tasks. Beginning in spring 2004, as approved by EPA, the interim groundwater quality monitoring program was to consist of annual sampling (alternating between the spring and fall seasons) and analysis for select constituents at 22 GMA 1 wells. Locations selected for interim groundwater quality monitoring were wells downgradient of known NAPL areas/recovery systems where no additional hydraulic controls are in place, and/or those where analytical results from the baseline monitoring rounds did not conclusively indicate whether long-term monitoring would be necessary. In addition, well MW-4 was replaced with a new well (MW-4R) which was to be sampled during the spring and fall of 2004, after which GE will evaluate whether the analytical results are consistent with prior data from well MW-4 and propose either an appropriate sampling schedule for the remainder of the interim monitoring program. In addition, GE was to continue its efforts to complete baseline sampling and analyses at two GMA 1 baseline monitoring wells (GMA1-2 and GMA1-4) where four baseline sampling rounds had yet to be completed.

GE initiated the spring 2004 groundwater sampling event on April 6, 2004 and completed the required sampling at most of the GMA 1 locations. However, GE was unable to sample four of the required monitoring wells at this GMA, and discussed these situations with EPA during a technical meeting on May 21, 2004. GE submitted a letter to EPA on June 15, 2004 containing a summary of the discussions concerning each of the wells that could not be sampled and the EPA-approved modifications to the interim groundwater monitoring program that

will be implemented in the future (discussed in Section 5.2). The GMA 1 interim monitoring program activities performed in spring 2004 are summarized in Table 1.

A separate non-GE-related disposal site, as designated under the MCP, is located on an adjacent property near the northern edge of the Lyman Street Area. This disposal site is the O'Connell Mobil Station site (MDEP Site No. 1-13347) (also referred to as the "East Street Mobil Site") at 730 East Street. GE understands this site is currently being addressed by O'Connell Oil Associates, Inc. to satisfy the requirements of Massachusetts General Laws Chapter 21E and the MCP. Available documentation indicates that soluble-phase contaminants related to gasoline releases from the O'Connell Mobil Station may have migrated onto GMA 1. GE is required to include available monitoring results from response actions performed at this adjacent site in the groundwater monitoring reports for GMA 1, to the extent that information is available to GE. To fulfill this requirement, GE has conducted a file search at MDEP and has reviewed one report that has been submitted regarding this site since submittal of the Fall 2003 GMA 1 Groundwater Quality Report. That March 2004 report, entitled Phase IV Remedy Implementation Plan; 730 East Street; Pittsfield. MA; RTN# 1-13347 (Phase IV RIP), prepared by ECS Marin on behalf of O'Connell Oil Associates, Inc., presents a plan to excavate and replace impacted soils and to implement a quarterly groundwater elevation monitoring and sampling program. No groundwater monitoring results were included in that report, which states that the most recent groundwater level measurements were conducted on February 27, 2003. GE has previously presented the results of those 2003 measurements in the Spring 2003 GMA 1 Groundwater Quality Report.

1.3 Format to Document

The remainder of this report is presented in five sections. Section 2 describes the groundwater quality-related activities performed at GMA 1 in spring 2004. Section 3 presents the analytical results obtained during the spring 2004 sampling event performed between April 6, 2004 and May 3, 2004. Section 4 provides a summary of the applicable groundwater quality Performance Standards identified in the CD and SOW, and provides an assessment of the results of the spring 2004 activities, including a comparison to those Performance Standards. Section 5 proposes certain modifications to the interim groundwater quality monitoring program, which will be continued until such time as the soil-related Removal Actions at the GMA 1 RAAs are completed and the needs for a long-term monitoring program may be fully delineated. Finally, Section 6 presents the schedule for future field and reporting activities related to groundwater quality at GMA 1.

2. Field and Analytical Procedures

2.1 General

The activities conducted as part of the interim groundwater monitoring program, and summarized herein, primarily involved the collection and analysis of groundwater samples at select monitoring wells within GMA 1, as described in Table 1. The construction details of the wells are provided in Table 2 and the spring 2004 field sampling data are presented in Appendix A. This section discusses the field procedures used to collect groundwater samples, as well as the methods used to analyze the groundwater samples. In addition, information regarding the inspections of the condition of wells that were scheduled to be sampled in spring 2004 is also provided in this section. All activities were performed in accordance with GE's approved *Field Sampling Plan/Quality Assurance Project Plan* (FSP/QAPP).

2.2 Well Inspections

In conjunction with the quarterly groundwater elevation monitoring event conducted in January 2004, GE attempted to conduct inspections of all wells to be sampled in spring 2004. These inspections were performed to identify any issues with the wells and to allow time for the repair or replacement of any wells found to be damaged prior to the spring 2004 sampling event. Most of the wells were able to be inspected at that time, although seven wells could not be located or accessed, primarily due to the presence of ice and snow. GE continued its attempt to complete the well inspections in February and March 2004, before initiating the spring 2004 sampling event in April 2004.

2.3 Groundwater Sampling and Analysis

The bulk of the spring 2004 groundwater sampling was performed between April 6 and 12, 2004. However, the original sample analysis for well E2SC-24 was canceled due to extremely low surrogate recoveries, such that the data would have been deemed unusable following data validation. In response, GE re-sampled well E2SC-24 on May 3, 2004.

Groundwater samples were scheduled to be collected from 25 groundwater monitoring wells. A total of 21 monitoring wells were actually sampled. Four wells could not be sampled for the following reasons:

- Well GMA1-2 was found to be dry at the time of sampling (as had been the case during three of the previous four baseline monitoring events).
- Sample turbidity at well ESA1S-33 (which was added to the GMA 1 groundwater quality monitoring program in spring 2003 as a replacement for well ES1-8) did not decrease below the target of 50 nephelometric turbidity units (NTU). In the Fall 2003 GMA 1 Groundwater Quality Report, GE had proposed to remove well ESA1S-33 from the groundwater quality monitoring program and to propose a new sampling location in this area if the well failed to produce low turbidity samples.
- Well 139 was found to be filled with debris and was unable to be sampled. An obstruction was noted in
 this well during the pre-sampling well inspections, but it was thought that the obstruction might consist of
 frozen water within the well.
- Well ES1-14 is located on a non-GE-owned property at 1277 East Street and the property owner has denied access to GE to conduct sampling activities.

GE discussed proposed modifications to the interim groundwater monitoring program to address these situations with EPA during a technical meeting on May 21, 2004 and EPA provided verbal approval of GE's proposed responses. Those approved modifications were documented in a letter to EPA dated June 15, 2004 and are summarized in Section 5.2 herein.

All of the groundwater samples were collected by the low-flow techniques as specified in the FSP/QAPP. Low-flow sampling techniques using either a bladder or peristaltic pump were utilized for the purging and collection of groundwater samples during this sampling event. The sampling methods utilized at each well are specified in Appendix A. Each monitoring well was purged utilizing low-flow techniques until field parameters (including temperature, pH, specific conductivity, oxidation-reduction potential, dissolved oxygen, and turbidity) stabilized prior to sample collection. Field parameters were measured in combination with the sampling activities at the monitoring wells. The stabilized field parameter measurements are presented in Table 3 and the field sampling data are provided in Appendix A. A general summary of the field measurement results during the spring 2004 monitoring event is provided below:

PARAMETER	UNITS	RANGE
Turbidity	Nephelometric turbidity units (NTU)	1.0 - 34.0
рН	pH units	6.45 - 7.54
Specific Conductivity	Millisiemens per centimeter	0.380 - 4.124
Oxidation-Reduction Potential	Millivolts	-387.3 – 267.2
Dissolved Oxygen	Milligrams per liter	0.17 - 11.78
Temperature	Degrees Celsius	7.45 – 11.36

The collected groundwater samples were submitted to SGS Environmental Services, Inc. of Charleston, West Virginia for laboratory analysis. For the groundwater samples that were monitored for compliance with the GW-3 standards, the samples were submitted for analysis of the following constituents using the associated EPA methods:

CONSTITUENT	EPA METHOD
VOCs	8260B
Semi-Volatile Organic Compounds (SVOCs)	8270C
PCBs (Filtered Samples)	8082
Polychlorinated Dibenzo-p-dioxins and Polychlorinated Dibenzofurans (PCDDs/PCDFs)	8290
Metals (Filtered Samples)	6010B, 7000A, and 7470A
Cyanide (Filtered Samples)	9014
Sulfide	9034

For the groundwater samples collected from wells that were monitored solely for compliance with the GW-2 standards, the samples were submitted for analysis of the VOCs listed in GE's FSP/QAPP, as well as five compounds listed as SVOCs in the FSP/QAPP (1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2,4-trichlorobenzene, and naphthalene). The VOCs and five SVOCs were analyzed using EPA Method 8260B in accordance with a letter from GE to EPA dated September 28, 2001.

Following receipt of the analytical data from the laboratory, the preliminary results were reviewed for completeness and compared to the Massachusetts Contingency Plan (MCP) Method 1 GW-2 (where applicable) and GW-3 standards, and to the MCP Upper Concentration Limits (UCLs) for groundwater. The preliminary analytical results were presented in the next monthly report on overall activities at the GE-Pittsfield/Housatonic River Site, along with a discussion identifying sample results received with concentrations above the applicable MCP Method 1 standards and/or UCLs. Finally, the data were validated in accordance with the FSP/QAPP and the validated results were utilized in the preparation of this report. The data validation report is provided in Appendix D. As discussed in the data validation report, 100% of the spring 2004 groundwater quality data are considered to be useable.

3. Groundwater Analytical Results

3.1 General

A description of the spring 2004 groundwater analytical results is presented in this section. Tables 3 and 4 provide a comparison of the concentrations of all detected constituents with the currently applicable groundwater quality Performance Standards established in the CD and SOW, while Table 5 presents a comparison of the concentrations of detected constituents with the UCLs for groundwater. An assessment of these results relative to those groundwater quality Performance Standards and the UCLs is provided in

Section 4.

3.2 Groundwater Quality Results

The following subsections provide an overview of the spring 2004 analytical results from the GMA 1 groundwater quality monitoring wells for each constituent group that was analyzed.

3.2.1 VOC Results

Groundwater samples collected from six groundwater quality monitoring wells were analyzed for VOCs during the spring 2004 sampling event. The VOC analytical results are summarized in Appendix B. No VOCs were detected in three of the groundwater samples (wells GMA1-6, LSSC-16S, and LS-MW-4R), while three individual VOCs were observed in one or more of the remaining three samples. Specifically, chloroform was detected in the groundwater sample from well GMA1-4, while chlorobenzene and vinyl chloride were each detected in samples from wells N2SC-07S and NS-17. Total VOC concentrations ranged from non-detect (in three samples) to 1.03 parts per million (ppm) at well N2SC-07S.

3.2.2 SVOC Results

A groundwater sample collected from GW-3 monitoring well LS-MW-4R was analyzed for SVOCs during the spring 2004 sampling event. In addition, samples from three wells that are GW-2 wells only were analyzed for five select SVOCs (1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2,4-trichlorobenzene, and naphthalene), as discussed in Section 2.3. The SVOC analytical results are summarized in Appendix B. No

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SVOCs were detected in the GW-3 groundwater sample from well LS-MW-4R or in the three wells that were analyzed for five select SVOCs (wells GMA1-4, GMA1-6, and LSSC-16S).

3.2.3 PCB Results

Filtered groundwater samples from 14 monitoring wells were analyzed for PCBs as part of the spring 2004 sampling event. The PCB analytical results are summarized in Appendix B. One or more PCB Aroclors were detected in eight of these wells. Total PCB concentrations ranged from non-detect (at six wells) to 0.0103 ppm (at well E2SC-23) in the filtered samples.

3.2.4 PCDD/PCDF Results

A groundwater sample from one monitoring well (well LS-MW-4R) was analyzed for PCDDs/PCDFs during the spring 2004 sampling event. The analytical results presented in Appendix B summarize the individual PCDD/PCDF compounds that were detected in the groundwater sample. In addition, total Toxicity Equivalency Quotients (TEQs) were calculated for the PCDD/PCDF compounds using the Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO). In calculating those TEQs, the concentrations of individual PCDD/PCDF compounds that were not detected were represented as one-half of the analytical detection limit for those compounds. The total TEQ concentration of the sample was 2.3 x 10⁻⁸ ppm.

3.2.5 Inorganic Constituent Results

A filtered groundwater sample from monitoring wells LS-MW-4R was analyzed for inorganic constituents during the spring 2004 sampling event. Also, four additional filtered groundwater samples were analyzed for cyanide only. The analytical results for these samples are summarized in Appendix B. Five individual inorganic constituents (arsenic, barium, beryllium, vanadium, and zinc) were observed in the LS-MW-4R sample, while cyanide was detected in the filtered sample from wells ESA2S-52 and HR-G1-MW-3.

4. Assessment of Results

4.1 General

This report constitutes the second interim monitoring report and is the sixth groundwater quality monitoring report submitted since commencement of the GMA 1 baseline groundwater monitoring program. The information presented herein is based on the laboratory results obtained during the spring 2004 groundwater

sampling event, supplemented with historical groundwater analytical data when available.

4.2 Groundwater Quality Performance Standards

The Performance Standards applicable to response actions for groundwater at GMA 1 are set forth in Section 2.7 and Attachment H (Section 4.1) of the SOW. In general, the Performance Standards for groundwater quality are

based on the groundwater classification categories designated in the MCP. The MCP identifies three potential

groundwater categories that may be applicable to a given site. One of these, GW-1 groundwater, applies to

groundwater that is a current or potential source of potable drinking water. None of the groundwater at any of

the GMAs at the Site is classified as GW-1. However, the remaining MCP groundwater categories are

applicable to GMA 1 and are described below:

• GW-2 groundwater is defined as groundwater that is a potential source of vapors to the indoor air of

buildings. Groundwater is classified as GW-2 if it is located within 30 feet of an existing occupied building

and has an average annual depth to groundwater of 15 feet or less. Under the MCP, volatile constituents

present within GW-2 groundwater represent a potential source of organic vapors to the indoor air of the

overlying occupied structures.

• GW-3 groundwater is defined as groundwater that discharges to surface water. By MCP definition, all

groundwater at a site is classified as GW-3 since it is considered to be ultimately discharged to surface

water. It should be noted that some groundwater within GMA 1 does not in fact discharge directly to

surface water because of the operation of numerous groundwater pumping systems. Water extracted from

these systems is transferred to an on-site treatment plant for processing prior to discharge. Nevertheless, in

accordance with the CD and SOW, all groundwater at GMA 1 is considered as GW-3.

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The CD and the SOW allow for the establishment of standards for GW-2 and GW-3 groundwater at the GMAs through use of one of three methods, as generally described in the MCP. The first, known as Method 1, consists of the application of pre-established numerical "Method 1" standards set forth in the MCP for both GW-2 and GW-3 groundwater (310 CMR 40.0974). These "default" standards have been developed to be conservative and will serve as the initial basis for evaluating groundwater at GMA 1. The current MCP Method 1 GW-2 and GW-3 standards for the constituents detected in the spring 2004 sampling event are listed in Tables 3 and 4, respectively. (In the event of any discrepancy between the standards listed in these tables and those published in the MCP, the latter will be controlling.) For constituents for which Method 1 standards do not exist, the MCP provides procedures, known as Method 2, for developing such standards (Method 2 standards) for both GW-2 (310 CMR 40.0983(2)) and GW-3 (310 CMR 40.0983(4)) groundwater. For such constituents that are detected in groundwater during the baseline monitoring program, Attachment H to the SOW states that in the Baseline Monitoring Program Final Report, GE must propose to develop Method 2 standards using the MCP procedures or alternate procedures approved by EPA, or provide a rationale for why such standards need not be developed. For constituents whose concentrations exceed the applicable Method 1 (or Method 2) standards, GE may develop and propose to EPA alternative GW-2 and/or GW-3 standards based on a site-specific risk assessment. This procedure is known as Method 3 in the MCP. Upon EPA approval, these alternative risk-based GW-2 and/or GW-3 standards may be used in lieu of the Method 1 (or Method 2) standards. Of course, whichever method is used to establish such groundwater standards, GW-2 standards will be applied to GW-2 groundwater and GW-3 standards will be applied to GW-3 groundwater.

Based on consideration of the above points, the specific groundwater quality Performance Standards for GMA 1 consist of the following:

- 1. At monitoring wells designated as compliance points to assess GW-2 groundwater (i.e., groundwater located at an average depth of 15 feet or less from the ground surface and within 30 feet of an existing occupied building), groundwater quality shall achieve any of the following:
 - (a) the Method 1 GW-2 groundwater standards set forth in the MCP (or, for constituents for which no such standards exist, Method 2 GW-2 standards once developed, unless GE provides and EPA approves a rationale for not developing such Method 2 standards);

- (b) alternative risk-based GW-2 standards developed by GE and approved by EPA as protective against unacceptable risks due to volatilization and transport of volatile chemicals from groundwater to the indoor air of nearby occupied buildings; or
- (c) a condition, based on a demonstration approved by EPA, in which constituents in the groundwater do not pose an unacceptable risk to occupants of nearby occupied buildings via volatilization and transport to the indoor air of such buildings.
- 2. Groundwater quality shall ultimately achieve the following standards at the perimeter monitoring wells designated as compliance points for GW-3 standards:
 - (a) the Method 1 GW-3 groundwater standards set forth in the MCP (or, for constituents for which no such standards exist, Method 2 GW-3 standards once developed, unless GE provides and EPA approves a rationale for not developing such Method 2 standards); or
 - (b) alternative risk-based GW-3 standards proposed by GE and approved by EPA as protective against unacceptable risks in surface water due to potential migration of constituents in groundwater.

These Performance Standards are to be applied to the results of the individual monitoring wells included in the monitoring program. Several monitoring wells have been designated as the compliance points for attainment of the Performance Standards identified above. These wells were initially identified in the GMA 1 Baseline Monitoring Proposal (although certain modifications were made subsequent to submittal of that proposal as a result of EPA approval conditions, findings during field reconnaissance of the selected wells, or replacement of certain wells during the course of the baseline monitoring program). As described above and in Sections 4.3.1 (for GW-2 wells) and 4.3.2 (for GW-3 wells), only selected wells were sampled in spring 2004.

4.3 Groundwater Quality - Spring 2004

For the purpose of generally assessing current groundwater quality conditions, the analytical results from the spring 2004 groundwater sampling event were compared to the applicable groundwater Performance Standards for GMA 1. These Performance Standards are described in Section 4.2 above, and are currently based (on a well-specific basis) on the MCP Method 1 GW-2 and/or GW-3 standards. The following subsections discuss the spring 2004 groundwater analytical results in relation to these Performance Standards, as well as in relation

to the MCP UCLs for groundwater. In support of those discussions, Tables 3 and 4 provide a comparison of the concentrations of detected constituents with the currently applicable GW-2 and GW-3 standards, respectively, while Table 5 presents a comparison of the concentrations of detected constituents with the groundwater UCLs.

4.3.1 Spring 2004 Groundwater Results Relative to GW-2 Performance Standards

As part of the spring 2004 program, groundwater samples were collected from three wells designated as GW-2 wells that were scheduled to be sampled for the GW-2 VOC list (i.e., specifically wells GMA1-4, GMA1-6, and LSSC-16). Although well ESA1N-52 is also designated as a GW-2/GW-3 monitoring location, this well is only scheduled for sampling and analysis for PCBs under the interim monitoring program. Therefore, the analytical data from well ESA1N-52 is not included in the comparisons to the MCP Method 1 GW-2 standards discussed herein. No samples were obtained from wells ESA1S-33, 139, or GMA1-2, as discussed in Section 2.2.

The spring 2004 groundwater analytical results for all detected constituents subject to MCP Method 1 GW-2 standards and a comparison of those results with the applicable MCP Method 1 GW-2 standards are presented in Table 4. As shown in Table 4, none of the spring 2004 sample concentrations from the GW-2 monitoring wells sampled was above the corresponding GW-2 Performance Standard. In addition, none of the GW-2 wells exhibited total VOC concentrations above 5 ppm (the level specified in the SOW as a notification level for GW-2 wells located within 30 feet of a school or occupied residential structure and as a trigger level for the proposal of interim response actions). These results are consistent with the results from prior sampling events.

4.3.2 Spring 2004 Groundwater Results Relative to GW-3 Performance Standards

Groundwater samples were collected from 19 of the 22 wells designated as GW-3 wells that were scheduled to be sampled during the spring 2004 interim sampling event. No samples were obtained from wells ES1-14, ESA1S-33, or 139, as discussed in Section 2.2. The spring 2004 groundwater analytical results for all constituents detected in the GW-3 monitoring wells and a comparison of those results with the applicable MCP Method 1 GW-3 standards are presented in Table 5. Although that table provides a comparison of the spring 2004 analytical results from all 19 GW-3 monitoring wells that were sampled in spring 2004, only 13 of those wells (i.e., the downgradient GW-3 perimeter wells as identified in Table 1) have been designated as compliance points for the GW-3 standards.

The comparisons set forth in Table 5 show that two constituents, filtered total PCBs and cyanide, were found at levels above their respective MCP Method 1 GW-3 standards in several groundwater samples collected in spring 2004. No other constituents were detected at concentrations above their respective MCP Method 1 GW-3 standards in spring 2004. Graphs showing the historical concentrations of total VOCs, total PCBs, and cyanide at all wells analyzed for these constituents in spring 2004, along with the concentrations of other constituents analyzed in spring 2004 at locations where the MCP Method 1 GW-3 standards were previously exceeded, are included in Appendix C.

The filtered PCB sample results from four GW-3 locations were found to be above the MCP Method 1 GW-3 standard of 0.0003 ppm for PCBs. The samples were collected from wells ES1-5 and ES1-27R, located in the East Street Area 2-North RAA (although one sample from well ES1-5 was slightly above the 0.0003 ppm standard for total PCBs, a duplicate sample result was slightly below the standard); well E2SC-23, located in the East Street Area 2-South RAA; and well LSSC-08S, located in the Lyman Street Area RAA. Three of these locations (ES1-5, E2SC-23, and LSSC-08S) are downgradient perimeter wells. Filtered PCB concentrations in excess of the MCP Method 1 GW-3 standard were previously detected in each of these wells, except for well LSSC-08S (although such concentrations were previously observed in this well in unfiltered PCB samples and in filtered PCB samples in deep well LSSC-08I, which is paired with this well).

Cyanide levels slightly greater than the MCP Method 1 GW-3 standard of 0.01 ppm were observed in the filtered samples from East Street Area 2-South wells ESA2S-52 and HR-G1-MW-3 (0.012 ppm and 0.011 ppm, respectively). Cyanide was previously detected at concentrations in excess of the MCP Method 1 GW-3 standard at well HR-G1-MW-3, which is a downgradient perimeter well (well ESA2S-52 is categorized as a General/Source Area Sentinel well).

The SOW requires that for sampling results which exceed the Method 1 GW-3 standards at downgradient perimeter monitoring wells in which (a) such an exceedance had not previously been detected, or (b) there was a previous exceedance of the Method 1 GW-3 standard and the groundwater concentration is greater than or equal to 100 times the GW-3 standard (if the exceedance was not previously addressed), GE must propose interim response actions (SOW Att. H, p. 24). These interim response actions may include: (1) further assessment activities, such as resampling, increasing the sampling frequency to quarterly, additional well installation, and/or continuing the baseline monitoring program; (2) active response actions; and/or (3) the conduct of a site-specific risk evaluation and proposal of alternative risk-based GW-3 Performance Standards (SOW Att. H, p. 24).

The only exceedances of the Method 1 GW-3 standards which were observed in a downgradient perimeter well for the first time in spring 2004 were filtered PCBs in well LSSC-08S at a concentration of 0.00041 ppm, which is slightly above the 0.0003 ppm standard. As discussed above, PCB concentrations above the Method 1 GW-3 standard were previously observed in unfiltered samples from this well and in filtered samples from deep well LSSC-08I, which is paired with this well. In addition, as illustrated on the historical PCB concentration graph for well LSSC-08S, the spring 2004 PCB result is not significantly increased relative to prior filtered samples from this well. Therefore, it appears that the PCB concentration observed at this well in spring 2004 is part of a typical fluctuation in PCB concentrations in this area and not representative of a new finding or an increasing trend. GE's proposed response to address this GW-3 exceedance is to continue the interim groundwater quality monitoring program at this well to obtain additional data to further evaluate PCB concentrations.

4.3.3 Spring 2004 Comparison to Upper Concentration Limits

In addition to comparing the spring 2004 groundwater analytical results with applicable MCP Method 1 GW-2 and MCP Method 1 GW-3 standards, the analytical results from all 21 wells that were sampled have also been compared with the groundwater UCLs specified in the MCP (310 CMR 40.0996(7)). These comparisons are presented in Table 6 and summarized below. The only constituent found at levels above its corresponding UCL in any of the samples collected in spring 2004 was PCBs in the filtered sample from well E2SC-23, which was above the MCP UCL of 0.005 ppm. The UCL for PCBs was previously exceeded in unfiltered samples this location, but not in any prior filtered samples. GE notified EPA and DEP of this result on April 27, 2004.

4.4 Overall Assessment of Groundwater Analytical Results

Graphs illustrating historical total VOC concentrations and filtered/unfiltered PCB and cyanide concentrations for all wells sampled in spring 2004 that have been previously sampled and analyzed for those constituents are presented in Appendix C. In addition, Appendix C contains graphs of historical concentrations of individual constituents that exceeded the applicable MCP Method 1 GW-3 standards or UCLs at GW-3 monitoring wells during any of the four baseline monitoring program sampling events that were analyzed for those constituents in spring 2004. No exceedances of the MCP Method 1 GW-2 standards have been documented at the GW-2 monitoring wells, and therefore no graphs have been prepared based on GW-2 sampling data.

5. Monitoring Program Modifications

5.1 General

In spring 2004, GE initiated the interim groundwater monitoring program to be conducted until completion of the soil-related Removal Actions at the RAAs that comprise GMA 1. Aside from completing baseline sampling events at certain locations that could not be sampled during every round of the initial two-year baseline monitoring program, the interim monitoring program is designed to obtain additional data from locations where it is not yet clear whether the initial baseline groundwater quality results indicate that the well may require future monitoring in a long-term monitoring program.

This section contains a description of previously-approved modifications to the interim groundwater monitoring program which were developed based on the results of the spring 2004 groundwater sampling event.

5.2 Modifications to Interim Groundwater Quality Monitoring Program

The modifications to the interim program that will be implemented based on the inability to sample certain wells in spring 2004 are described below. These modifications were previously approved by EPA, as documented in GE's June 15, 2004 letter to EPA:

- GE will remove well ESA1S-33 from the interim monitoring program and replace it with well 72R, which is located approximately 50 feet east of well ESA1S-33. Groundwater samples will be sampled as part of the interim groundwater monitoring program and will be analyzed for the VOCs listed in GE's FSP/QAPP, as well as five compounds listed as SVOCs in the FSP/QAPP (1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2,4-trichlorobenzene, and naphthalene), PCBs (filtered samples only) and cyanide (filtered samples only), per the approved sampling requirement for well ESA1S-33. Although scheduled to be sampled annually as part of the interim groundwater monitoring program, this well will be sampled in fall 2004 to provide monitoring data for 2004.
- GE will decommission well 139 and install a new well, to be designated as well 139R, near the location of
 the former well, provided that access can be obtained. Well 139R will be sampled and will be analyzed for
 PCBs (filtered samples only) under the interim monitoring program. Although scheduled to be sampled

annually as part of the interim groundwater monitoring program, this well will be sampled in fall 2004 to provide monitoring data for 2004.

• GE will install a new monitoring well to the south of East Street to replace well ES1-14 for interim monitoring purposes, provided that access can be obtained. This new well, to be designated as well GMA1-18, will be sampled and analyzed for PCBs (filtered samples only) under the interim monitoring program. Although scheduled to be sampled annually as part of the interim groundwater monitoring program, this well will be sampled in fall 2004 to provide monitoring data for 2004.

GE does not propose any additional modifications to the interim program at this time. A summary of the anticipated fall 2004 interim sampling program, including the modifications discussed in GE's June 15, 2004 letter, is provided in Table 7.

6. Schedule of Future Activities

6.1 General

This section addresses the schedule for future groundwater quality monitoring activities and reporting for

GMA 1. This schedule assumes that the modifications to the interim groundwater quality monitoring program

discussed in Section 5 will be implemented. Specifically, this section provides a schedule for the upcoming fall

2004 interim monitoring event and associated reporting activities.

6.2 **Field Activities Schedule**

GE will continue its routine groundwater elevation and NAPL monitoring activities according to the schedule

approved by EPA under GE's NAPL monitoring program. All future groundwater elevation monitoring and

reporting will be conducted under the NAPL monitoring program.

GE initiated plans to decommission well 139 and install/develop the two replacement monitoring wells (wells

139R and GMA1-18) in July 2004. These activities will be completed in August 2004 in order to allow the

wells to equilibrate prior to sampling in the fall.

GE anticipates that the fall 2004 interim sampling event will take place in October 2004. The three replacement

monitoring wells (wells 72R, 139R, and GMA1-18) will be sampled for the analytes listed in Table 7 in order to

obtain data for 2004, since the original wells (wells ESA1S-33, 139, and ES1-14) included in the interim

monitoring program could not be sampled during the spring 2004 sampling event. In addition, the two wells

that still do not have four complete baseline monitoring data sets (wells GMA1-2 and GMA1-4) will be sampled

for the GW-2 analytical parameter list that was previously approved for baseline monitoring and replacement

well MW-4R will be sampled for the GW-3 analytical parameter list (excluding pesticides/herbicides and

unfiltered samples for PCBs and inorganics).

The next full interim groundwater quality sampling round is scheduled for October 2005. Approximately two to

three months prior to that sampling event, GE will conduct an inspection of all wells to be sampled to ascertain

whether any of the wells were damaged since the prior sampling event. If any of the wells is found to be

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unusable, GE will repair the well, install a replacement well, or propose an alternate course of action to EPA, as appropriate.

Prior to performance of these activities, GE will provide EPA with 7 days advance notice to allow the assignment of field oversight personnel.

6.3 Reporting Schedule

GE will continue to provide the results of preliminary groundwater analytical data in its monthly reports on overall activities at the GE-Pittsfield/Housatonic River Site.

GE will submit the Fall 2004 Interim Groundwater Quality Report for GMA 1 by January 31, 2005, in accordance with the reporting schedule approved by EPA. That report will present the final, validated fall 2004 interim sampling results and a brief discussion of the results, including any proposals to further modify the interim monitoring program, if necessary. In the event that the groundwater monitoring program at the adjacent East Street Mobil Site (discussed in Section 1.2) is initiated in 2004, GE will also include a summary of available groundwater monitoring results and analytical data collected at this adjacent site, to the extent that information is available to GE.

Subsequent annual Interim Groundwater Quality Reports for GMA 1 will be submitted by January 31 where sampling activities were performed in the prior fall, or by July 31 where sampling activities were performed in the prior spring.

Tables



TABLE 1 SPRING 2004 GROUNDWATER QUALITY MONITORING PROGRAM

PLANT SITE 1 GROUNDWATER MANAGEMENT AREA GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2004 GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well Number	Monitoring Well Usage	Sampling Schedule	Spring 2004 Analyses ⁽⁴⁾	Comments						
RAA 1 - 40s COMPI	LEX									
No interim groundwater quality monitoring scheduled to be performed in this RAA.										
RAA 2 - 30s COMPI	LEX									
GMA1-2	GW-2 Sentinel	Semi-Annual (2)	None	Well was dry and unable to be sampled (scheduled to be sampled for VOCs and 5 SVOCs).						
RF-02	GW-3 Perimeter (Downgradient)	Annual (1)	PCB							
RF-16	GW-3 Perimeter (Downgradient)	Annual ⁽¹⁾	Cyanide							
RAA 3 - 20s COMPI	LEX									
No interim gro	oundwater quality monitoring schedu	uled to be performe	d in this RAA.							
RAA 4 - EAST STRI	EET AREA 2-SOUTH									
GMA1-13	GW-3 General/Source Area Sentinel	Annual (1)	PCB							
E2SC-23	GW-3 Perimeter (Downgradient)	Annual ⁽¹⁾	PCB							
E2SC-24	GW-3 Perimeter (Downgradient)	Annual ⁽¹⁾	PCB	Initial sample analysis was canceled due to extremely low surrogate recoveries. The well was re-sampled on May 3, 2004 and analyzed.						
ES2-02A	GW-3 Perimeter (Downgradient)	Annual ⁽¹⁾	Cyanide							
ESA2S-52	GW-3 General/Source Area Sentinel	Annual ⁽¹⁾	Cyanide							
HR-G1-MW-3	GW-3 Perimeter (Downgradient)	Annual ⁽¹⁾	Cyanide							
HR-G3-MW-1	GW-3 Perimeter (Downgradient)	Annual ⁽¹⁾	РСВ							

TABLE 1 SPRING 2004 GROUNDWATER QUALITY MONITORING PROGRAM

PLANT SITE 1 GROUNDWATER MANAGEMENT AREA GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2004 GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well Number	Monitoring Well Usage	Sampling Schedule	Spring 2004 Analyses ⁽⁴⁾	Comments
RAA 5 - EAST STRE	EET AREA 2-NORTH			
ES1-05	GW-3 Perimeter (Downgradient)	Annual	PCB	
ES1-27R	GW-3 General/ Source Area Sentinel	Annual (1)	PCB	
GMA1-4	GW-2 Sentinel	Semi-Annual (2)	VOC(+5 SVOC)	
RAA 6 - EAST STRE	EET AREA 1-NORTH			
ES1-14	GW-2 Sentinel/ GW-3 General/Source Area Sentinel	Annual (1)	None	Well (scheduled to be sampled for PCBs) was not sampled as access was not granted by the property owner. Well GMA1-18 will be installed and utilized for future monitoring events.
ESA1N-52	GW-2 Sentinel/ GW-3 General/Source Area Sentinel	Annual ⁽¹⁾	PCB	
RAA 12 - LYMAN S	TREET AREA			
LS-29	GW-3 General/Source Area Sentinel	Annual (1)	PCB	
LSSC-08S	GW-3 Perimeter (Downgradient)	Annual ⁽¹⁾	PCB	
LSSC-16S	GW-2 Sentinel	Annual (1)	VOC (+5 SVOC)	
LSSC-18	GW-3 Perimeter (Downgradient)	Annual ⁽¹⁾	PCB	
MW-4R	GW-3 Perimeter (Downgradient)	Semi-Annual ⁽³⁾	APP. IX, excl. pest/herb (minimum of 2 rounds)	
RAA 13 - NEWELL S	STREET AREA II			
N2SC-07S	GW-3 Perimeter (Downgradient)	Annual (1)	VOC/PCB	
NS-17	GW-3 Perimeter (Downgradient)	Annual (1)	VOC	

TABLE 1 SPRING 2004 GROUNDWATER QUALITY MONITORING PROGRAM

PLANT SITE 1 GROUNDWATER MANAGEMENT AREA GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2004 GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well Number	Monitoring Well Usage	Sampling Schedule	Spring 2004 Analyses ⁽⁴⁾	Comments					
RAA 14 - NEWELL S	RAA 14 - NEWELL STREET AREA I								
No interim gro	oundwater quality monitoring schedu	led to be performe	d in this RAA.						
RAA 18 - EAST STF	REET AREA 1 SOUTH								
139	GW-2 Sentinel/ GW-3 Perimeter (Downgradient)	Annual (1)	None	Well was found to be damaged and unable to be sampled (scheduled to be sampled for PCBs). Well 139R will be installed and utilized for future monitoring events.					
ESA1S-33	GW-2 Sentinel/ GW-3 General/Source Area Sentinel	Annual ⁽¹⁾	None	Turbidity of groundwater unable to be reduced to a level suitable for sampling (scheduled to be sampled for VOCs(+5 SVOCs), PCB, and Cyanide). Well 72R will be utilized for future monitoring events.					
GMA1-6	GW-2 Sentinel/ GW-3 General/Source Area Sentinel	Annual ⁽¹⁾	VOC(+5 SVOC)/ PCB						

NOTES:

- 1. The wells scheduled for annual groundwater quality sampling will be sampled for the listed parameters during the interim period between the completion of the baseline monitoring program and the initiation of a long-term monitoring program. The sampling schedule will alternate between the spring and fall seasons each year, beginning with spring 2004.
- 2. Well included due to less than four rounds of baseline data (i.e., GMA1-2 and GMA1-4) will be sampled on a semi-annual basis and may be proposed to be removed from the interim groundwater quality monitoring program after the fourth data set is collected or if, despite additional attempts, the data cannot be obtained.
- 3. Samples will be collected from well MW-4R on a semi-annual basis during 2004, at a minimum, after which GE will propose to retain or modify the sampling schedule and/or analyses to be performed.
- 4. All analyses for PCB, metals, and cyanide conducted under the annual interim monitoring program were performed on filtered samples only.

TABLE 2 MONITORING WELL CONSTRUCTION

PLANT SITE 1 GROUNDWATER MANAGEMENT AREA GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2004 GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

				Ground	Measuring	Depth to	_	Top of	Base of
			Well	Surface	Point	Top of	Screen	Screen	Screen
Well Number		ordinates	Diameter	Elevation	Elevation	Screen	Length	Elevation	Elevation
	Northing	Easting	(inches)	(feet AMSL)	(feet AMSL)	(feet BGS)	(feet)	(feet AMSL)	(feet AMSL)
RAA 2 - 30s Comp	plex								
GMA1-2	533981.9	131570.5	2	1,007.0	1,006.75	6.2	10.0	1,000.8	990.8
RF-02	533507.3	131111.2	4	983.4	982.43	3.0	15.0	980.4	965.4
RF-16	534255.3	130931.5	4	988.2	987.91	7.0	15.0	981.2	966.2
RAA 4 - East Stre	et Area 2-South								
E2SC-23	533344.4	133132.7	2	990.1	992.07	9.0	10.0	981.1	971.1
E2SC-24	533535.5	133544.4	2	986.0	987.90	9.0	10.0	977.0	967.0
ES2-02A	533023.6	132497.9	2	980.2	979.63	3.0	15.0	977.2	962.2
ESA2S-52	533231.0	132441.0	2	985.5	985.18	4.2	20.0	981.3	961.3
GMA1-13	533785.7	133705.2	2	989.5	991.41	15.0	10.0	974.5	964.5
HR-G1-MW-3	533046.0	132710.1	2	978.3	980.21	7.0	10.0	971.3	961.3
HR-G3-MW-1	532900.3	132455.1	2	980.3	982.45	4.1	10.0	976.2	966.2
RAA 5 - East Stre	et Area 2-North								
ES1-05	534740.6	135064.1	2	1,023.4	1,023.33	35.0	10.0	988.4	978.4
ES1-27R	534603.1	134604.2	2	1,023.4	1,023.19	9.3	10.0	1,014.1	1,004.1
GMA1-4	534702.1	132178.3	2	1,011.8	1,011.52	10.3	10.0	1,001.5	991.5
RAA 6 - East Stre	et Area 1-North								
ES1-14	534305.6	134930.7	1	998.8	998.74	10.0	10.0	988.8	978.8
ESA1-52	534253.8	134565.9	2	999.7	999.26	2.0	20.0	997.7	977.7
RAA 12 - Lyman S	Street Area								
LS-29	532807.6	131047.4	2	988.4	988.25	24.6	10.0	963.8	953.8
LSSC-08S	532408.9	130817.2	2	983.6	983.11	5.0	10.0	978.6	968.6
LSSC-16S	532500.5	130690.3	2	981.5	981.37	5.0	10.0	976.5	966.5
LSSC-18	532664.7	131107.5	2	987.6	987.32	9.0	10.0	978.6	968.6
MW-4R	532351.6	130525.4	2	981.2	980.82	5.5	10.0	975.7	965.7

TABLE 2 MONITORING WELL CONSTRUCTION

PLANT SITE 1 GROUNDWATER MANAGEMENT AREA GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2004 GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well Number	Survey Co	oordinates	Well Diameter	Ground Surface Elevation	Measuring Point Elevation	Depth to Top of Screen	Screen Length	Top of Screen Elevation	Base of Screen Elevation
	Northing	Easting	(inches)	(feet AMSL)	(feet AMSL)	(feet BGS)	(feet)	(feet AMSL)	(feet AMSL)
RAA 13 - Newell S	Street Area II								
N2SC-07S	532707.0	131599.5	2	983.2	982.93	8.9	10.0	974.3	964.3
NS-17	532656.2	131503.3	2	982.0	984.64	6.0	10.0	976.0	966.0
RAA 18 - East Str	eet Area 1-Sout	h							
139	533863.2	134993.8	1.5	987.1	987.13	5.0	10.0	982.1	972.1
ESA1S-33	534197.3	134185.0	2	999.5	999.50	3.0	20.0	996.5	976.5
GMA1-6	534084.3	134455.5	2	1,000.7	1,000.44	5.0	10.0	995.7	985.7

NOTES:

- 1. The listed wells were scheduled to be utilized during spring 2004 for baseline groundwater quality sampling.
- 2. feet AMSL: Feet above mean sea level
- 3. feet BGS: Feet below ground surface

TABLE 3 FIELD PARAMETER MEASUREMENTS - SPRING 2004

PLANT SITE 1 GROUNDWATER MANAGEMENT AREA GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2004 GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

WELL NUMBER	TURBIDITY (NTU)	TEMPERATURE (DEGREES CELSIUS)	pH (STANDARD UNITS)	SPECIFIC CONDUCTIVITY (mS/cm)	OXIDATION- REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/L)
RAA 2 - 30s COMF	PLEX					
RF-02	34.0	8.25	6.82	1.384	7.7	0.55
RF-16	4.0	7.45	7.07	0.389	-219.5	11.78
RAA 4 - EAST STR	REET AREA 2-SOU	TH				
E2SC-23	3.0	6.84	7.19	0.551	245.6	8.02
E2SC-24	1.0	8.40	6.59	0.936	33.9	0.34
ES2-02A	6.0	7.76	6.45	0.465	-387.3	0.40
ESA2S-52	2.0	10.94	7.06	4.124	-381.2	0.33
GMA1-13	21.0	8.52	6.66	0.702	267.2	3.46
HR-G1-MW-3	4.0	9.56	6.88	1.121	-356.3	0.77
HR-G3-MW-1	3.0	9.63	6.76	1.675	-300.1	1.79
RAA 5 - EAST STR	REET AREA 2-NOR	TH				
ES1-05	10.0	11.36	6.80	1.235	-54.6	1.11
ES1-27R	5.0	7.68	7.54	0.380	-208.1	9.05
GMA1-4	2.0	8.67	7.33	1.321	-238.2	9.26
RAA 6 - EAST STR	REET AREA 1-NOR	TH				
ESA1-52	12.0	8.44	7.41	0.646	-18.0	0.31

TABLE 3 FIELD PARAMETER MEASUREMENTS - SPRING 2004

PLANT SITE 1 GROUNDWATER MANAGEMENT AREA GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2004 GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

WELL NUMBER	TURBIDITY (NTU)	TEMPERATURE (DEGREES CELSIUS)	pH (STANDARD UNITS)	SPECIFIC CONDUCTIVITY (mS/cm)	OXIDATION- REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/L)
RAA 12 - LYMAN S	STREET AREA					
LS-29	20.0	10.42	7.40	0.587	164.6	4.67
LSSC-08S	2.0	9.00	6.51	1.294	-262.1	4.36
LSSC-16S	7.0	11.26	6.74	1.565	-304.1	2.94
LSSC-18	2.0	8.98	7.33	1.164	117.5	5.77
MW-4R	4.0	10.98	6.50	1.113	-354.7	0.31
RAA 13 - NEWELL	STREET AREA II					
N2SC-07S	1.0	9.39	6.83	1.034	-61.6	0.61
NS-17	4.0	9.67	6.69	0.763	-364.4	0.40
RAA 18 - EAST ST	REET AREA 1-SO	UTH				
GMA1-6	4.0	11.29	6.77	1.524	-74.4	0.17

Notes:

- 1. Measurements collected during spring 2004 groundwater sampling event performed between April 6 and 12, 2004.
- 2. Well parameters were generally monitored continuously during purging by low-flow techniques. Final parameter readings are presented.
- 3. NTU Nephelometric Turbidity Units
- 4. mS/cm Millisiemens per centimeter
- 5. mV Millivolts
- 6. mg/L Milligrams per liter (ppm)
- 7. NM = Parameter was not measured due to insufficient water available.

TABLE 4 MCP METHOD 1 GW-2 STANDARDS COMPARISON BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2004

GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in parts per million, ppm)

	Site ID:		East St. Area 1 - South	East St. Area 2 - North	Lyman Street Area				
D	-	Method 1 GW-2		GMA1-4	LSSC-16S				
Parameter	Date Collected:	Standards	04/09/04	04/06/04	04/09/04				
Volatile Org	anics								
Chloroform		0.4	ND(0.0050)	0.0057	ND(0.0050) [ND(0.0050)]				
Total VOCs		Not Listed	ND(0.20)	0.0057	ND(0.20) [ND(0.20)]				
Semivolatile Organics									
None Detect	:ed		NA	NA	NA				

Notes:

- 1. Samples were collected by Blasland Bouck & Lee, Inc., and were submitted to SGS Environmental Services, Inc. for
- Samples were collected by Blasland Bouck & Lee, In
 analysis of PCBs and Appendix IX+3 constituents.
 - Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric
- 3. Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved May 25, 2004 and resubmitted June 15, 2004).
- 4. Only volatile and semivolatile analysis is presented for the MCP Method 1 GW-2 Standards Comparison.
- 5. NA Not Analyzed.
- 6. ND Analyte was not detected. The number in parentheses is the associated detection limit.
- 7. Field duplicate sample results are presented in brackets.
- 8. Only volatile and semivolatile constituents detected in at least one sample are summarized.
 - Indicates that all constituents for the parameter group were not detected.

TABLE 5 MCP METHOD 1 GW-3 STANDARDS COMPARISON BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2004

GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in parts per million, ppm)

	Site ID:		30	s Complex	East St. Area 1 - North	East St. Area 1 - South
	Sample ID:	Method 1 GW-3	RF-02	RF-16	ESA1N-52	GMA1-6
Parameter	Date Collected:	Standards	04/06/04	04/07/04	04/09/04	04/09/04
Volatile Organi	cs					
Chlorobenzene		0.5	NA	NA	NA	ND(0.0050)
Vinyl Chloride		40	NA	NA	NA	ND(0.0020)
PCBs-Filtered						
Aroclor-1254		Not Listed	0.000021 J	NA	ND(0.000065)	ND(0.000065)
Aroclor-1260		Not Listed	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)
Total PCBs		0.0003	0.000021 J	NA	ND(0.000065)	ND(0.000065)
Semivolatile O	rganics					
None Detected			NA	NA	NA	NA
Furans						
2,3,7,8-TCDF		Not Listed	NA	NA	NA	NA
TCDFs (total)		Not Listed	NA	NA	NA	NA
1,2,3,7,8-PeCDI	F	Not Listed	NA	NA	NA	NA
2,3,4,7,8-PeCDI	F	Not Listed	NA	NA	NA	NA
PeCDFs (total)		Not Listed	NA	NA	NA	NA
1,2,3,4,7,8-HxC	DF	Not Listed	NA	NA	NA	NA
1,2,3,6,7,8-HxC	DF	Not Listed	NA	NA	NA	NA
1,2,3,7,8,9-HxC	DF	Not Listed	NA	NA	NA	NA
2,3,4,6,7,8-HxC	DF	Not Listed	NA	NA	NA	NA
HxCDFs (total)		Not Listed	NA	NA	NA	NA
1,2,3,4,6,7,8-Hp	CDF	Not Listed	NA	NA	NA	NA
1,2,3,4,7,8,9-Hp	CDF	Not Listed	NA	NA	NA	NA
HpCDFs (total)		Not Listed	NA	NA	NA	NA
OCDF		Not Listed	NA	NA	NA	NA
None Detected		Not Listed	NA	NA	NA	NA
Dioxins						
2,3,7,8-TCDD		Not Listed	NA	NA	NA	NA
TCDDs (total)		Not Listed	NA	NA	NA	NA
1,2,3,7,8-PeCDI	D	Not Listed	NA	NA	NA	NA
PeCDDs (total)		Not Listed	NA	NA	NA	NA
1,2,3,4,7,8-HxC	DD	Not Listed	NA	NA	NA	NA
1,2,3,6,7,8-HxC	DD	Not Listed	NA	NA	NA	NA
1,2,3,7,8,9-HxC	DD	Not Listed	NA	NA	NA	NA
HxCDDs (total)		Not Listed	NA	NA	NA	NA
1,2,3,4,6,7,8-Hp	CDD	Not Listed	NA	NA	NA	NA
HpCDDs (total)		Not Listed	NA	NA	NA	NA
OCDD		Not Listed	NA	NA	NA	NA
Total TEQs (WF	,	0.0000001	NA	NA	NA	NA
Inorganics-Unf	iltered					
None Detected			NA	NA	NA	NA
Inorganics-Filt	ered					
Arsenic		0.4	NA	NA	NA	NA
Barium		30	NA	NA	NA	NA
Beryllium		0.05	NA	NA	NA	NA
Cyanide		0.01	NA	ND(0.0100) [ND(0.0100)]	NA	NA
Vanadium		2	NA	NA	NA	NA
Zinc		0.9	NA	NA	NA	NA

TABLE 5 MCP METHOD 1 GW-3 STANDARDS COMPARISON BASELINE GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2004

GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in parts per million, ppm)

Site ID:		East St. Area 2 - North		East St. Area 2 - South
Sample ID:		ES1-05	ES1-27R	E2SC-23
Parameter Date Collected:	Standards	04/06/04	04/06/04	04/07/04
Volatile Organics				
Chlorobenzene	0.5	NA	NA	NA
Vinyl Chloride	40	NA	NA	NA
PCBs-Filtered				
Aroclor-1254	Not Listed	0.00034 [0.00028]	0.0019	0.0056
Aroclor-1260	Not Listed	ND(0.000065) [ND(0.000065)]	0.00036	0.0047
Total PCBs	0.0003	0.00034 [0.00028]	0.00226	0.0103
Semivolatile Organics				
None Detected		NA	NA	NA
Furans				
2,3,7,8-TCDF	Not Listed	NA	NA	NA
TCDFs (total)	Not Listed	NA	NA	NA
1,2,3,7,8-PeCDF	Not Listed	NA	NA	NA
2,3,4,7,8-PeCDF	Not Listed	NA	NA	NA
PeCDFs (total)	Not Listed	NA	NA	NA
1,2,3,4,7,8-HxCDF	Not Listed	NA	NA	NA
1,2,3,6,7,8-HxCDF	Not Listed	NA	NA	NA
1,2,3,7,8,9-HxCDF	Not Listed	NA	NA	NA
2,3,4,6,7,8-HxCDF	Not Listed	NA	NA	NA
HxCDFs (total)	Not Listed	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Listed	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Listed	NA	NA	NA
HpCDFs (total)	Not Listed	NA	NA	NA
OCDF	Not Listed	NA	NA	NA
None Detected	Not Listed	NA	NA	NA
Dioxins	<u> </u>			•
2,3,7,8-TCDD	Not Listed	NA	NA	l NA
TCDDs (total)	Not Listed	NA	NA	NA NA
1,2,3,7,8-PeCDD	Not Listed	NA	NA	NA
PeCDDs (total)	Not Listed	NA	NA	NA
1,2,3,4,7,8-HxCDD	Not Listed	NA	NA	NA
1,2,3,6,7,8-HxCDD	Not Listed	NA	NA	NA
1,2,3,7,8,9-HxCDD	Not Listed	NA	NA	NA
HxCDDs (total)	Not Listed	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Listed	NA	NA	NA
HpCDDs (total)	Not Listed	NA	NA	NA
OCDD	Not Listed	NA	NA	NA
Total TEQs (WHO TEFs)	0.0000001	NA	NA	NA
Inorganics-Unfiltered				
None Detected		NA	NA	NA
Inorganics-Filtered	1	<u></u>		•
Arsenic	0.4	NA	NA	NA
Barium	30	NA NA	NA NA	NA NA
Beryllium	0.05	NA NA	NA NA	NA NA
Cyanide	0.01	NA	NA	NA NA
Vanadium	2	NA NA	NA	NA NA
Zinc	0.9	NA NA	NA	NA NA

	Site ID:			East St. Are	ea 2 - South	
Parameter	Sample ID: Date Collected:	Method 1 GW-3 Standards	E2SC-24 05/03/04	ES2-02A 04/07/04	ESA2S-52 04/07/04	GMA1-13 04/07/04
Volatile Organics						
Chlorobenzene		0.5	NA	NA	NA	NA
Vinvl Chloride		40	NA	NA	NA	NA
PCBs-Filtered		-		l .		
Aroclor-1254		Not Listed	ND(0.000065)	NA	NA	ND(0.000065)
Aroclor-1260		Not Listed	ND(0.000065)	NA	NA	ND(0.000065)
Total PCBs		0.0003	ND(0.000065)	NA NA	NA NA	ND(0.000065)
Semivolatile Orga	nics		((= = = = =)
None Detected			NA	NA	NA	NA
Furans						
2.3.7.8-TCDF		Not Listed	NA	NA	NA	NA
TCDFs (total)		Not Listed	NA NA	NA NA	NA NA	NA NA
1,2,3,7,8-PeCDF		Not Listed	NA NA	NA NA	NA NA	NA NA
2,3,4,7,8-PeCDF		Not Listed	NA NA	NA NA	NA NA	NA NA
PeCDFs (total)		Not Listed	NA NA	NA NA	NA NA	NA NA
1,2,3,4,7,8-HxCDF		Not Listed	NA	NA NA	NA NA	NA NA
1,2,3,6,7,8-HxCDF		Not Listed	NA NA	NA NA	NA NA	NA NA
1,2,3,7,8,9-HxCDF		Not Listed	NA	NA NA	NA	NA
2,3,4,6,7,8-HxCDF		Not Listed	NA	NA	NA	NA
HxCDFs (total)		Not Listed	NA	NA	NA	NA
1,2,3,4,6,7,8-HpC[)F	Not Listed	NA	NA	NA	NA
1,2,3,4,7,8,9-HpC[Not Listed	NA	NA	NA	NA
HpCDFs (total)		Not Listed	NA	NA	NA	NA
OCDF		Not Listed	NA	NA	NA	NA
None Detected		Not Listed	NA	NA	NA	NA
Dioxins	L.	L.		Į.	ı	
2.3.7.8-TCDD	=	Not Listed	NA	NA	NA	NA
TCDDs (total)		Not Listed	NA	NA	NA	NA
1,2,3,7,8-PeCDD		Not Listed	NA	NA	NA	NA
PeCDDs (total)		Not Listed	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD)	Not Listed	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD)	Not Listed	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD)	Not Listed	NA	NA	NA	NA
HxCDDs (total)		Not Listed	NA	NA	NA	NA
1,2,3,4,6,7,8-HpC[DD	Not Listed	NA	NA	NA	NA
HpCDDs (total)		Not Listed	NA	NA	NA	NA
OCDD		Not Listed	NA	NA	NA	NA
Total TEQs (WHO	TEFs)	0.000001	NA	NA	NA	NA
Inorganics-Unfilte	ered					
None Detected			NA	NA	NA	NA
Inorganics-Filtere	d	•				
Arsenic		0.4	NA	NA	NA	NA
Barium		30	NA	NA	NA	NA
Beryllium		0.05	NA	NA	NA	NA
Cyanide		0.01	NA	ND(0.0100)	0.0120	NA
Vanadium		2	NA	NA	NA	NA
Zinc		0.9	NA	NA	NA	NA

	Site ID:		East St. Are	a 2 - South	Lymar	Street Area
Parameter	Sample ID: Date Collected:	Method 1 GW-3 Standards	HR-G1-MW-3 04/08/04	HR-G3-MW-1 04/08/04	LS-29 04/08/04	LS-MW-4R 04/09/04
Volatile Organics						
Chlorobenzene		0.5	NA	NA	NA	ND(0.0050)
Vinyl Chloride		40	NA NA	NA NA	NA NA	ND(0.0020)
PCBs-Filtered		10	101	10.0	101	112(0.0020)
Aroclor-1254		Not Listed	NA	0.00016	0.000045 J	ND(0.000065)
Aroclor-1260		Not Listed	NA	0.000066	ND(0.000065)	ND(0.000065)
Total PCBs		0.0003	NA NA	0.000226	0.000045 J	ND(0.000065)
Semivolatile Organ	ics	0.0000		0.000220	0.0000.00	(0.00000)
None Detected			NA	NA	NA	
Furans			101	100	10.4	
2,3,7,8-TCDF		Not Listed	NA	NA	NA	ND(0.0000000024)
TCDFs (total)		Not Listed	NA NA	NA NA	NA NA	ND(0.0000000024)
1,2,3,7,8-PeCDF		Not Listed	NA NA	NA NA	NA NA	ND(0.000000011)
2,3,4,7,8-PeCDF		Not Listed Not Listed	NA NA	NA NA	NA NA	ND(0.000000011) ND(0.0000000072)
PeCDFs (total)		Not Listed	NA NA	NA NA	NA NA	ND(0.000000012)
1,2,3,4,7,8-HxCDF		Not Listed Not Listed	NA NA	NA NA	NA NA	ND(0.000000018)
1,2,3,4,7,6-HXCDF		Not Listed Not Listed	NA NA	NA NA	NA NA	ND(0.0000000082)
1,2,3,7,8,9-HxCDF		Not Listed	NA NA	NA NA	NA NA	ND(0.000000003)
2,3,4,6,7,8-HxCDF		Not Listed	NA NA	NA NA	NA NA	ND(0.0000000072)
HxCDFs (total)		Not Listed	NA NA	NA NA	NA NA	ND(0.000000039)
1,2,3,4,6,7,8-HpCDF	-	Not Listed Not Listed	NA NA	NA NA	NA NA	ND(0.000000024)
1,2,3,4,0,7,8-HpCDF		Not Listed	NA NA	NA NA	NA NA	ND(0.0000000070)
HpCDFs (total)		Not Listed	NA NA	NA NA	NA NA	ND(0.000000033)
OCDF		Not Listed	NA NA	NA NA	NA NA	ND(0.000000013)
None Detected		Not Listed	NA NA	NA NA	NA NA	ND(0.000000092)
Dioxins		NOI LISIEU	INA	INA	INA	
2,3,7,8-TCDD	ı	Not Listed	NA	NA NA	NA	ND(0.0000000032)
TCDDs (total)		Not Listed	NA NA	NA NA	NA NA	ND(0.000000032)
1,2,3,7,8-PeCDD		Not Listed	NA NA	NA NA	NA NA	ND(0.000000032)
PeCDDs (total)		Not Listed	NA NA	NA NA	NA NA	ND(0.00000011)
1,2,3,4,7,8-HxCDD		Not Listed	NA NA	NA NA	NA NA	0.0000000011)
1,2,3,6,7,8-HxCDD		Not Listed	NA NA	NA NA	NA NA	ND(0.000000077)
1,2,3,7,8,9-HxCDD		Not Listed	NA NA	NA NA	NA NA	ND(0.0000000077)
HxCDDs (total)		Not Listed	NA NA	NA NA	NA NA	ND(0.0000000000)
1,2,3,4,6,7,8-HpCDE)	Not Listed	NA NA	NA NA	NA NA	ND(0.000000010)
HpCDDs (total)		Not Listed	NA NA	NA NA	NA NA	ND(0.0000000005)
OCDD (total)		Not Listed	NA NA	NA NA	NA NA	ND(0.0000000003)
Total TEQs (WHO T	FFs)	0.0000001	NA NA	NA NA	NA NA	0.000000013)
Inorganics-Unfilter		3.000001	14/3	10/3	14/1	0.00000012
None Detected	- I		NA	NA	NA	
Inorganics-Filtered			INA	INA	INA	
Arsenic	T	0.4	NA	NA	NA	0.00490 B
Barium		30	NA NA	NA NA	NA NA	0.00490 B 0.0480 B
Beryllium		0.05	NA NA	NA NA	NA NA	0.0480 B 0.000650 B
Cyanide		0.05	0.0110	NA NA	NA NA	ND(0.0100)
Vanadium		2	0.0110 NA	NA NA	NA NA	0.00190 B
Zinc		0.9	NA NA	NA NA	NA NA	0.00190 B 0.160
ZII IC		0.9	INA	INA	INA	0.100

	Site ID:		Lyman St	reet Area	Newell St.	Area II
Parameter	Sample ID: Date Collected:	Method 1 GW-3 Standards	LSSC-08S 04/08/04	LSSC-18 04/08/04	N2SC-07S 04/12/04	NS-17 04/12/04
Volatile Organics						
Chlorobenzene		0.5	NA	NA	0.14	0.075 J
Vinyl Chloride		40	NA NA	NA NA	0.89	0.68
PCBs-Filtered		10	10.	10.0	0.00	0.00
Aroclor-1254		Not Listed	0.00041	ND(0.00050)	0.000041 J	NA
Aroclor-1260		Not Listed	ND(0.000065)	ND(0.00050)	ND(0.000065)	NA NA
Total PCBs		0.0003	0.00041	ND(0.00050)	0.000041 J	NA NA
Semivolatile Organic	:s			(0.0000)		
None Detected	1		NA	NA	NA	NA
Furans			10.1	100	10.0	10.0
2,3,7,8-TCDF		Not Listed	NA	NA	NA	NA
TCDFs (total)		Not Listed	NA NA	NA NA	NA NA	NA NA
1,2,3,7,8-PeCDF		Not Listed	NA NA	NA NA	NA NA	NA NA
2,3,4,7,8-PeCDF		Not Listed Not Listed	NA NA	NA NA	NA NA	NA NA
PeCDFs (total)		Not Listed	NA NA	NA NA	NA NA	NA NA
1,2,3,4,7,8-HxCDF		Not Listed	NA NA	NA NA	NA NA	NA NA
1,2,3,6,7,8-HxCDF		Not Listed	NA NA	NA NA	NA NA	NA NA
1,2,3,7,8,9-HxCDF		Not Listed	NA NA	NA NA	NA NA	NA NA
2,3,4,6,7,8-HxCDF		Not Listed	NA NA	NA NA	NA NA	NA NA
HxCDFs (total)		Not Listed	NA NA	NA NA	NA NA	NA NA
1,2,3,4,6,7,8-HpCDF		Not Listed	NA NA	NA NA	NA NA	NA NA
1,2,3,4,7,8,9-HpCDF		Not Listed	NA NA	NA NA	NA NA	NA NA
HpCDFs (total)		Not Listed	NA NA	NA NA	NA NA	NA NA
OCDF		Not Listed	NA NA	NA NA	NA NA	NA NA
None Detected		Not Listed	NA NA	NA NA	NA NA	NA NA
Dioxins	l					
2,3,7,8-TCDD	l	Not Listed	NA	NA	NA	NA
TCDDs (total)		Not Listed	NA NA	NA NA	NA NA	NA NA
1,2,3,7,8-PeCDD		Not Listed	NA NA	NA NA	NA NA	NA
PeCDDs (total)		Not Listed	NA NA	NA NA	NA NA	NA NA
1,2,3,4,7,8-HxCDD		Not Listed	NA NA	NA NA	NA NA	NA NA
1,2,3,6,7,8-HxCDD		Not Listed	NA	NA NA	NA NA	NA
1,2,3,7,8,9-HxCDD		Not Listed	NA NA	NA NA	NA NA	NA NA
HxCDDs (total)		Not Listed	NA NA	NA NA	NA NA	NA NA
1,2,3,4,6,7,8-HpCDD		Not Listed	NA	NA	NA	NA
HpCDDs (total)		Not Listed	NA	NA	NA	NA
OCDD		Not Listed	NA	NA	NA	NA
Total TEQs (WHO TE	Fs)	0.0000001	NA	NA	NA	NA
Inorganics-Unfiltered		<u> </u>			<u> </u>	
None Detected			NA	NA	NA	NA
Inorganics-Filtered						
Arsenic		0.4	NA	NA	NA	NA
Barium		30	NA NA	NA NA	NA NA	NA NA
Beryllium		0.05	NA NA	NA NA	NA NA	NA NA
Cyanide		0.01	NA NA	NA NA	NA NA	NA NA
Vanadium		2	NA NA	NA NA	NA NA	NA
Zinc		0.9	NA	NA NA	NA NA	NA NA

GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in parts per million, ppm)

Notes:

- 1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs and Appendix IX+3 constituents.
- 2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved May 25, 2004 and resubmitted June 15, 2004).
- 3. NA Not Analyzed.
- 4. ND Analyte was not detected. The number in parentheses is the associated detection limit.
- 5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. In Environmental Health Perspectives 106(2), December 1998.
- 6. Field duplicate sample results are presented in brackets.
- 7 With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized.
- 8. Shading indicates that value exceeds GW-3 Standards.
- 9. -- Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles, dioxin/furans)

J - Indicates that the associated numerical value is an estimated concentration.

Inorganics

B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).

	Site ID:		3	30s Complex	East St. Area 1 - North	East St. Area 1 - South
	Sample ID:	UCL-GW	RF-02	RF-16	ESA1N-52	GMA1-6
Parameter	Date Collected:	Standards	04/06/04	04/07/04	04/09/04	04/09/04
Volatile Organics	·		•		•	•
Chlorobenzene		10	NA	NA	NA	ND(0.0050)
Chloroform		100	NA NA	NA	NA	ND(0.0050)
Vinyl Chloride		100	NA	NA NA	NA	ND(0.0020)
PCBs-Filtered			I	<u>I</u>	<u>I</u>	(**************************************
Aroclor-1254		Not Listed	0.000021 J	NA	ND(0.000065)	ND(0.000065)
Aroclor-1260		Not Listed	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)
Total PCBs		0.005	0.000021 J	NA	ND(0.000065)	ND(0.000065)
Semivolatile Organi	ics		II.		,	,
None Detected			NA	NA	NA	NA
Furans			II.			
2,3,7,8-TCDF		Not Listed	NA	NA	NA	NA
TCDFs (total)		Not Listed	NA	NA	NA	NA
1,2,3,7,8-PeCDF		Not Listed	NA	NA NA	NA	NA
2,3,4,7,8-PeCDF		Not Listed	NA	NA	NA	NA NA
PeCDFs (total)		Not Listed	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF		Not Listed	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF		Not Listed	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF		Not Listed	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF		Not Listed	NA	NA	NA	NA
HxCDFs (total)		Not Listed	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF		Not Listed	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF		Not Listed	NA	NA	NA	NA
HpCDFs (total)		Not Listed	NA	NA	NA	NA
OCDF		Not Listed	NA	NA	NA	NA
None Detected		Not Listed	NA	NA	NA	NA
Dioxins						
2,3,7,8-TCDD		Not Listed	NA	NA	NA	NA
TCDDs (total)		Not Listed	NA	NA	NA	NA
1,2,3,7,8-PeCDD		Not Listed	NA	NA	NA	NA
PeCDDs (total)		Not Listed	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD		Not Listed	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD		Not Listed	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD		Not Listed	NA	NA	NA	NA
HxCDDs (total)		Not Listed	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD)	Not Listed	NA	NA	NA	NA
HpCDDs (total)		Not Listed	NA	NA	NA	NA
OCDD		Not Listed	NA	NA	NA	NA
Total TEQs (WHO TI	,	0.000001	NA	NA	NA	NA
Inorganics-Unfiltere	ed					
None Detected			NA	NA	NA	NA
Inorganics-Filtered						
Arsenic		4	NA	NA	NA	NA
Barium		100	NA	NA	NA	NA
Beryllium		0.5	NA	NA	NA	NA
Cyanide		2	NA	ND(0.0100) [ND(0.0100)]	NA	NA
Vanadium		20	NA	NA	NA	NA
Zinc		20	NA	NA	NA	NA

	Site ID:		East St. A	rea 2 - North		East St. Area 2 - South	
	Sample ID:	UCL-GW	ES1-05	ES1-27R	GMA1-4	E2SC-23	
Parameter	Date Collected:	Standards	04/06/04	04/06/04	04/06/04	04/07/04	
Volatile Organics	•				•	•	
Chlorobenzene		10	NA	NA	ND(0.0050)	NA	
Chloroform		100	NA NA	NA	0.0057	NA NA	
Vinyl Chloride		100	NA NA	NA	ND(0.0020)	NA NA	
PCBs-Filtered	<u> </u>				(*******)		
Aroclor-1254		Not Listed	0.00034 [0.00028]	0.0019	NA	0.0056	
Aroclor-1260		Not Listed	ND(0.000065) [ND(0.000065)]	0.00036	NA NA	0.0047	
Total PCBs		0.005	0.00034 [0.00028]	0.00226	NA NA	0.0103	
Semivolatile Organ	nice	0.000	0.00004 [0.00020]	0.00220	14/1	0.0100	
None Detected	11103		NA	NA	NA	NA	
Furans			INA	INA	INA	INA	
		NI-41 !-4- d	NIA.	NIA	NIA	T NA	
2,3,7,8-TCDF		Not Listed	NA NA	NA	NA NA	NA NA	
TCDFs (total)		Not Listed	NA NA	NA NA	NA NA	NA NA	
1,2,3,7,8-PeCDF		Not Listed	NA NA	NA NA	NA NA	NA NA	
2,3,4,7,8-PeCDF		Not Listed	NA NA	NA NA	NA NA	NA NA	
PeCDFs (total)		Not Listed	NA NA	NA NA	NA NA	NA NA	
1,2,3,4,7,8-HxCDF		Not Listed	NA NA	NA NA		NA NA	
1,2,3,6,7,8-HxCDF		Not Listed	NA NA	NA NA	NA NA	NA NA	
1,2,3,7,8,9-HxCDF		Not Listed	NA NA	NA NA	NA NA	NA NA	
2,3,4,6,7,8-HxCDF		Not Listed	NA NA	NA NA	NA NA	NA NA	
HxCDFs (total)	_	Not Listed	NA NA	NA NA	NA	NA NA	
1,2,3,4,6,7,8-HpCD		Not Listed	NA NA	NA	NA	NA NA	
1,2,3,4,7,8,9-HpCD	F	Not Listed	NA NA	NA NA	NA NA	NA NA	
HpCDFs (total)		Not Listed	NA NA	NA NA	NA	NA NA	
OCDF		Not Listed	NA NA	NA NA	NA	NA NA	
None Detected		Not Listed	NA	NA	NA	NA	
Dioxins							
2,3,7,8-TCDD		Not Listed	NA	NA	NA	NA	
TCDDs (total)		Not Listed	NA	NA	NA	NA	
1,2,3,7,8-PeCDD		Not Listed	NA	NA	NA	NA	
PeCDDs (total)		Not Listed	NA	NA	NA	NA	
1,2,3,4,7,8-HxCDD		Not Listed	NA	NA	NA	NA	
1,2,3,6,7,8-HxCDD		Not Listed	NA	NA	NA	NA	
1,2,3,7,8,9-HxCDD		Not Listed	NA	NA	NA	NA	
HxCDDs (total)		Not Listed	NA	NA	NA	NA	
1,2,3,4,6,7,8-HpCD	ט	Not Listed	NA NA	NA NA	NA NA	NA NA	
HpCDDs (total)		Not Listed	NA NA	NA NA	NA	NA NA	
OCDD	\	Not Listed	NA NA	NA	NA	NA	
Total TEQs (WHO		0.000001	NA	NA	NA	NA	
Inorganics-Unfilte	rea						
None Detected			NA	NA	NA	NA	
Inorganics-Filtered	d						
Arsenic		4	NA	NA	NA	NA	
Barium		100	NA	NA	NA	NA	
Beryllium	illium 0.5 NA			NA	NA	NA	
Cyanide		2	NA	NA	NA	NA	
Vanadium		20	NA	NA	NA	NA	
Zinc		20	NA	NA	NA	NA	

	Site ID:			E	ast St. Area 2 - S	outh	
	Sample ID:	UCL-GW	E2SC-24	ES2-02A	ESA2S-52	GMA1-13	HR-G1-MW-3
Parameter	Date Collected:	Standards	05/03/04	04/07/04	04/07/04	04/07/04	04/08/04
Volatile Organics	•		•	•	•	•	•
Chlorobenzene		10	NA	NA	NA	NA	NA
Chloroform		100	NA	NA	NA	NA	NA
Vinyl Chloride		100	NA	NA	NA	NA	NA
PCBs-Filtered	l .		1			1	
Aroclor-1254		Not Listed	ND(0.000065)	NA	NA	ND(0.000065)	NA
Aroclor-1260		Not Listed	ND(0.000065)	NA NA	NA.	ND(0.000065)	NA NA
Total PCBs		0.005	ND(0.000065)	NA NA	NA	ND(0.000065)	NA
Semivolatile Organi	ics	0.000	112 (0.00000)			112(0.00000)	
None Detected			NA	NA	NA	NA	NA
Furans			1471	101	14/1	1471	14/1
2,3,7,8-TCDF		Not Listed	NA	NA	NA	NA	NA
TCDFs (total)		Not Listed	NA NA	NA NA	NA NA	NA NA	NA NA
1,2,3,7,8-PeCDF		Not Listed	NA NA	NA NA	NA NA	NA NA	NA NA
2,3,4,7,8-PeCDF		Not Listed	NA NA	NA NA	NA NA	NA NA	NA NA
PeCDFs (total)		Not Listed	NA NA	NA NA	NA NA	NA NA	NA NA
1,2,3,4,7,8-HxCDF		Not Listed	NA NA	NA NA	NA NA	NA NA	NA NA
1,2,3,6,7,8-HxCDF		Not Listed	NA NA	NA NA	NA NA	NA NA	NA NA
1,2,3,7,8,9-HxCDF		Not Listed	NA NA	NA NA	NA NA	NA NA	NA NA
2,3,4,6,7,8-HxCDF		Not Listed	NA NA	NA NA	NA NA	NA NA	NA NA
HxCDFs (total)		Not Listed	NA NA	NA NA	NA NA	NA NA	NA NA
1,2,3,4,6,7,8-HpCDF		Not Listed	NA NA	NA NA	NA NA	NA NA	NA NA
1,2,3,4,7,8,9-HpCDF		Not Listed	NA NA	NA NA	NA.	NA NA	NA NA
HpCDFs (total)		Not Listed	NA NA	NA NA	NA NA	NA NA	NA NA
OCDF		Not Listed	NA NA	NA NA	NA NA	NA NA	NA NA
None Detected		Not Listed	NA NA	NA NA	NA.	NA NA	NA NA
Dioxins	I.	1101 Liotod	100	101	10.0	101	10.1
2,3,7,8-TCDD		Not Listed	NA	NA	NA	NA	NA
TCDDs (total)		Not Listed	NA NA	NA NA	NA NA	NA NA	NA NA
1,2,3,7,8-PeCDD		Not Listed	NA NA	NA NA	NA NA	NA NA	NA NA
PeCDDs (total)		Not Listed	NA NA	NA NA	NA.	NA NA	NA NA
1,2,3,4,7,8-HxCDD		Not Listed	NA NA	NA NA	NA.	NA NA	NA NA
1,2,3,6,7,8-HxCDD		Not Listed	NA NA	NA NA	NA NA	NA NA	NA NA
1,2,3,7,8,9-HxCDD		Not Listed	NA NA	NA NA	NA.	NA NA	NA NA
HxCDDs (total)		Not Listed	NA NA	NA NA	NA	NA NA	NA NA
1,2,3,4,6,7,8-HpCDD)	Not Listed	NA NA	NA NA	NA.	NA NA	NA NA
HpCDDs (total)		Not Listed	NA NA	NA NA	NA NA	NA NA	NA NA
OCDD		Not Listed	NA NA	NA NA	NA	NA NA	NA NA
Total TEQs (WHO TE	EFs)	0.000001	NA	NA	NA	NA	NA
Inorganics-Unfiltere			<u> </u>	<u> </u>		· · · · ·	
None Detected			NA	NA	NA	NA	NA
Inorganics-Filtered				1			1
Arsenic	I	4	NA	NA	NA	NA	NA
Barium		100	NA NA	NA NA	NA NA	NA NA	NA NA
Beryllium		0.5	NA NA	NA NA	NA NA	NA NA	NA NA
Cyanide		2	NA NA	ND(0.0100)	0.0120	NA NA	0.0110
Vanadium		20	NA NA	NA	NA	NA NA	NA
Zinc		20	NA NA	NA NA	NA.	NA NA	NA NA
			1471	1 17 1	14/1	14/1	. 17/1

	Site ID:		East St. Area 2 - South		Lyman Street Area	
	Sample ID:	UCL-GW	HR-G3-MW-1	LS-29	LS-MW-4R	LSSC-08S
Parameter	Date Collected:	Standards	04/08/04	04/08/04	04/09/04	04/08/04
Volatile Organic	cs					
Chlorobenzene		10	NA	NA	ND(0.0050)	NA
Chloroform		100	NA	NA	ND(0.0050)	NA
Vinyl Chloride		100	NA	NA	ND(0.0020)	NA
PCBs-Filtered	Į.				, i	
Aroclor-1254		Not Listed	0.00016	0.000045 J	ND(0.000065)	0.00041
Aroclor-1260		Not Listed	0.000066	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs		0.005	0.000226	0.000045 J	ND(0.000065)	0.00041
Semivolatile Or	ganics		•		· · · · · · · · · · · · · · · · · · ·	
None Detected			NA	NA		NA
Furans	Į.					
2,3,7,8-TCDF		Not Listed	NA I	NA	ND(0.0000000024)	NA
TCDFs (total)		Not Listed	NA NA	NA	ND(0.000000010)	NA
1,2,3,7,8-PeCDF	=	Not Listed	NA NA	NA	ND(0.000000011)	NA
2,3,4,7,8-PeCDF		Not Listed	NA NA	NA	ND(0.000000072)	NA
PeCDFs (total)		Not Listed	NA	NA	ND(0.000000018)	NA
1,2,3,4,7,8-HxC[OF	Not Listed	NA	NA	ND(0.0000000082)	NA
1,2,3,6,7,8-HxC[OF	Not Listed	NA	NA	ND(0.0000000085)	NA
1,2,3,7,8,9-HxC[DF	Not Listed	NA	NA	ND(0.0000000072)	NA
2,3,4,6,7,8-HxC[OF .	Not Listed	NA	NA	ND(0.000000059)	NA
HxCDFs (total)		Not Listed	NA	NA	ND(0.00000024)	NA
1,2,3,4,6,7,8-Hp	CDF	Not Listed	NA	NA	ND(0.0000000070)	NA
1,2,3,4,7,8,9-Hp	CDF Not Listed		NA	NA	ND(0.000000056)	NA
HpCDFs (total)		Not Listed	NA	NA	ND(0.00000013)	NA
OCDF		Not Listed	NA	NA	ND(0.0000000092)	NA
None Detected		Not Listed	NA	NA		NA
Dioxins						
2,3,7,8-TCDD		Not Listed	NA	NA	ND(0.000000032)	NA
TCDDs (total)		Not Listed	NA	NA	ND(0.000000032)	NA
1,2,3,7,8-PeCDD)	Not Listed	NA	NA	ND(0.00000011)	NA
PeCDDs (total)		Not Listed	NA	NA	ND(0.00000011)	NA
1,2,3,4,7,8-HxC[OD	Not Listed	NA	NA	0.0000000078 J	NA
1,2,3,6,7,8-HxC[Not Listed	NA	NA	ND(0.0000000077)	NA
1,2,3,7,8,9-HxC[OD	Not Listed	NA	NA	ND(0.000000086)	NA
HxCDDs (total)		Not Listed	NA	NA	ND(0.00000016)	NA
1,2,3,4,6,7,8-Hp	CDD	Not Listed	NA	NA	ND(0.0000000065)	NA
HpCDDs (total)		Not Listed	NA	NA	ND(0.000000065)	NA
OCDD		Not Listed	NA	NA	ND(0.00000015)	NA
Total TEQs (WH		0.000001	NA	NA	0.00000012	NA
Inorganics-Unfi	iltered					
None Detected			NA	NA		NA
Inorganics-Filte	ered					
Arsenic		4	NA	NA	0.00490 B	NA
Barium		100	NA	NA	0.0480 B	NA
Beryllium		0.5	NA	NA	0.000650 B	NA
Cyanide		2	NA	NA	ND(0.0100)	NA
Vanadium		20	NA	NA	0.00190 B	NA
Zinc		20	NA	NA	0.160	NA

	Site ID:		Lyman Street A	rea	Newell St.	Area II
	Sample ID:	UCL-GW	LSSC-16S	LSSC-18	N2SC-07S	NS-17
Parameter	Date Collected:	Standards	04/09/04	04/08/04	04/12/04	04/12/04
Volatile Organic	cs					
Chlorobenzene		10	ND(0.0050) [ND(0.0050)]	NA	0.14	0.075 J
Chloroform		100	ND(0.0050) [ND(0.0050)]	NA	ND(0.050)	ND(0.10)
Vinyl Chloride		100	ND(0.0020) [ND(0.0020)]	NA	0.89	0.68
PCBs-Filtered						
Aroclor-1254		Not Listed	NA	ND(0.00050)	0.000041 J	NA
Aroclor-1260		Not Listed	NA	ND(0.00050)	ND(0.000065)	NA
Total PCBs		0.005	NA	ND(0.00050)	0.000041 J	NA
Semivolatile Or	ganics					
None Detected	-		NA	NA	NA	NA
Furans		Į.		·	<u>L</u>	
2,3,7,8-TCDF		Not Listed	NA	NA	NA	NA
TCDFs (total)		Not Listed	NA	NA	NA	NA
1,2,3,7,8-PeCDF	:	Not Listed	NA NA	NA	NA NA	NA
2,3,4,7,8-PeCDF		Not Listed	NA	NA	NA	NA
PeCDFs (total)		Not Listed	NA	NA	NA	NA
1,2,3,4,7,8-HxCE	OF .	Not Listed	NA	NA	NA	NA
1,2,3,6,7,8-HxCE	OF .	Not Listed	NA	NA	NA	NA
1,2,3,7,8,9-HxCE	OF	Not Listed	NA	NA	NA	NA
2,3,4,6,7,8-HxCE	OF .	Not Listed	NA	NA	NA	NA
HxCDFs (total)		Not Listed	NA	NA	NA	NA
1,2,3,4,6,7,8-Hpt	CDF	Not Listed	NA	NA	NA	NA
1,2,3,4,7,8,9-Hp(CDF	Not Listed	NA	NA	NA	NA
HpCDFs (total)		Not Listed	NA	NA	NA	NA
OCDF		Not Listed	NA	NA	NA	NA
None Detected		Not Listed	NA	NA	NA	NA
Dioxins	•	•				
2,3,7,8-TCDD		Not Listed	NA	NA	NA	NA
TCDDs (total)		Not Listed	NA	NA	NA	NA
1,2,3,7,8-PeCDE)	Not Listed	NA	NA	NA	NA
PeCDDs (total)		Not Listed	NA	NA	NA	NA
1,2,3,4,7,8-HxCE	OD	Not Listed	NA	NA	NA	NA
1,2,3,6,7,8-HxCE	OD	Not Listed	NA	NA	NA	NA
1,2,3,7,8,9-HxC[OD	Not Listed	NA	NA	NA	NA
HxCDDs (total)		Not Listed	NA	NA	NA	NA
1,2,3,4,6,7,8-Hp0	CDD	Not Listed	NA	NA	NA	NA
HpCDDs (total)		Not Listed	NA	NA	NA	NA
OCDD		Not Listed	NA	NA	NA	NA
Total TEQs (WH		0.000001	NA	NA	NA	NA
Inorganics-Unfi	Itered					
None Detected			NA	NA	NA	NA
Inorganics-Filte	ered	•		•		
Arsenic		4	NA	NA	NA	NA
Barium		100	NA	NA	NA	NA
Beryllium		0.5	NA	NA	NA	NA
Cyanide		2	NA	NA	NA	NA
Vanadium		20	NA	NA	NA	NA
Zinc		20	NA	NA	NA	NA

GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in parts per million, ppm)

Notes:

- 1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs and Appendix IX+3 constituents.
- 2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved May 25, 2004 and resubmitted June 15, 2004).
- 3. NA Not Analyzed.
- 4. ND Analyte was not detected. The number in parentheses is the associated detection limit.
- 5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. In Environmental Health Perspectives 106(2), December 1998.
- 6 With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized.
- 7. Field duplicate sample results are presented in brackets.
- 8. Shading indicates that value exceeds UCL Standards.
- 9. Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles, dioxin/furans)

J - Indicates that the associated numerical value is an estimated concentration.

Inorganics

B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).

TABLE 7 FALL 2004 INTERIM GROUNDWATER QUALITY MONITORING ACTIVITIES

Well Number	Monitoring Well Usage	Sampling Schedule	Analyses ⁽⁴⁾	Basis for Inclusion in Interim Monitoring Program							
RAA 2 - 30s COMPLEX											
GMA1-2	GW-2 Sentinel	Semi-Annual (2)	VOC (+5 SVOC)	Three additional sample sets are required due to lack of water during prior baseline sampling events.							
RAA 5 - EAST STRE	RAA 5 - EAST STREET AREA 2-NORTH										
GMA1-4	GW-2 Sentinel	Semi-Annual (2)	VOC(+5 SVOC)	One additional sample set is required due to lack of water during prior baseline sampling events.							
RAA 12 - LYMAN ST	REET AREA										
MW-4R	GW-3 Perimeter (Downgradient)	Semi-Annual ⁽³⁾	APP. IX, excl. pest/herb (minimum of 2 rounds)	Location added to interim monitoring program per September 23, 2003 EPA conditional approval letter. Sampling schedule may be proposed to be modified from semi-annual to annual after 2004 data is evaluated.							
RAA 18 - EAST STR	EET AREA 1 SOUTH										
139R	GW-2 Sentinel/ GW-3 Perimeter (Downgradient)	Annual ⁽¹⁾	PCB	Replacement for well 139 (which was unable to be sampled in spring 2004) will be sampled in fall 2004 to provide monitoring data for 2004.							
72R	GW-2 Sentinel/ GW-3 General/Source Area Sentinel	Annual ⁽¹⁾	VOC(+5 SVOC)/ PCB/Cyanide	Replacement for well ESA1S-33 (which was unable to be sampled in spring 2004) will be sampled in fall 2004 to provide monitoring data for 2004.							

TABLE 7 FALL 2004 INTERIM GROUNDWATER QUALITY MONITORING ACTIVITIES

PLANT SITE 1 GROUNDWATER MANAGEMENT AREA GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2004 GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well Number	Monitoring Well Usage	Sampling Schedule	Analyses ⁽⁴⁾	Basis for Inclusion in Interim Monitoring Program
GMA1-18	GW-2 Sentinel/ GW-3 General/Source Area Sentinel	Annual ⁽¹⁾	PCB	Replacement for well ES1-14 (which was unable to be sampled in spring 2004) will be sampled in fall 2004 to provide monitoring data for 2004.

NOTES:

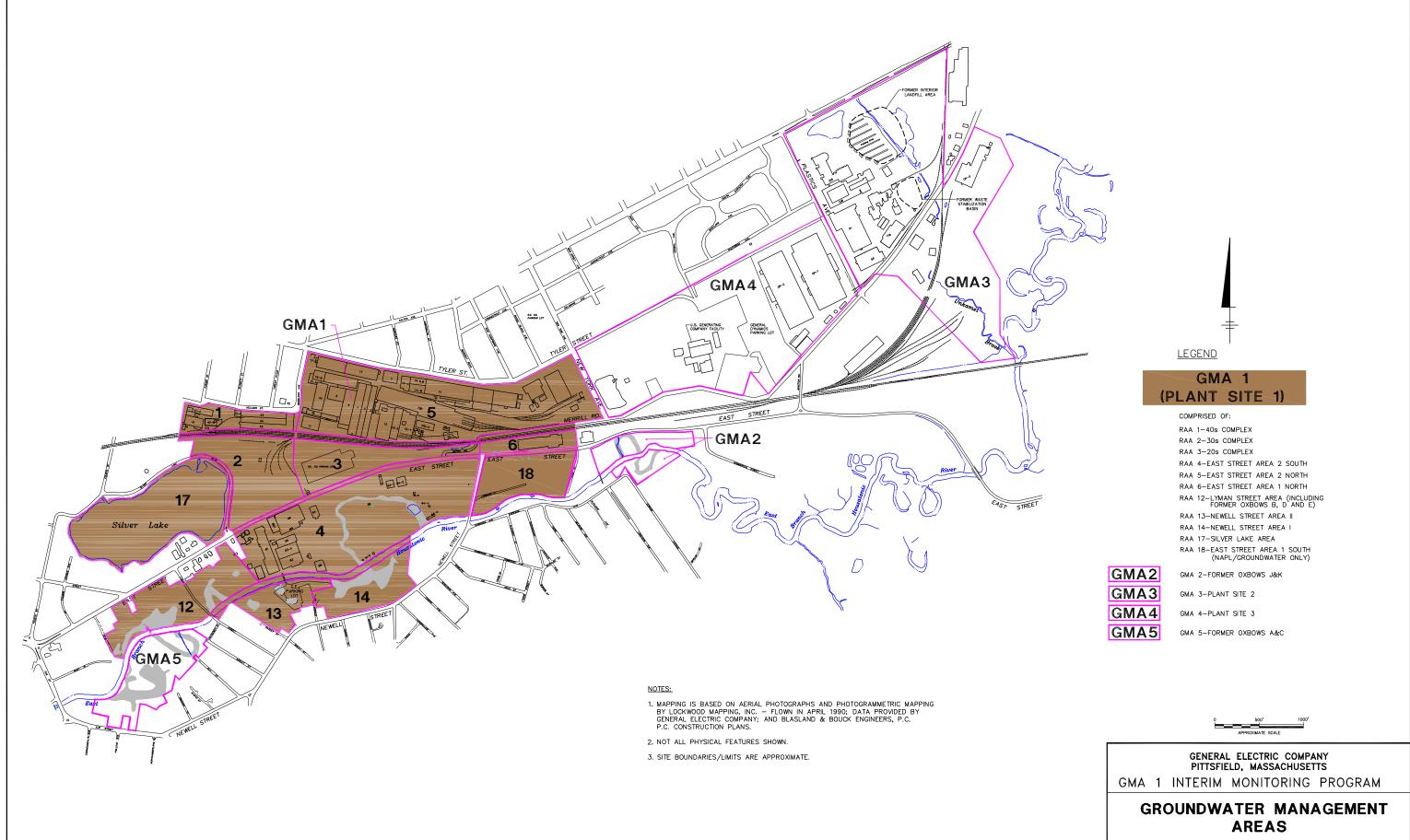
- 1. The sampling schedule for wells proposed for annual groundwater quality sampling will alternate between the spring and fall seasons each year, beginning with spring 2004, during the interim period between the completion of the baseline monitoring program and the initiation of a long-term monitoring program. Wells 72R, 139R, and GMA1-18 will be sampled in fall 2004, as the wells that they replace in the interim monitoring program were not able to be sampled in spring 2004, as scheduled.
- 2. Wells that are included due to less than four rounds of baseline data (i.e., GMA1-2 and GMA1-4) will be sampled on a semi-annual basis and may be proposed to be removed from the interim groundwater quality monitoring program after the fourth data set is collected or if, despite additional attempts, the data cannot be obtained.
- 3. Samples will be collected from well MW-4R on a semi-annual basis during 2004, at a minimum, after which GE will propose to retain or modify the sampling schedule and/or analyses to be performed.

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4. All analyses for PCB, metals, and cyanide conducted under the annual interim monitoring program will be performed on filtered samples only.

Figures

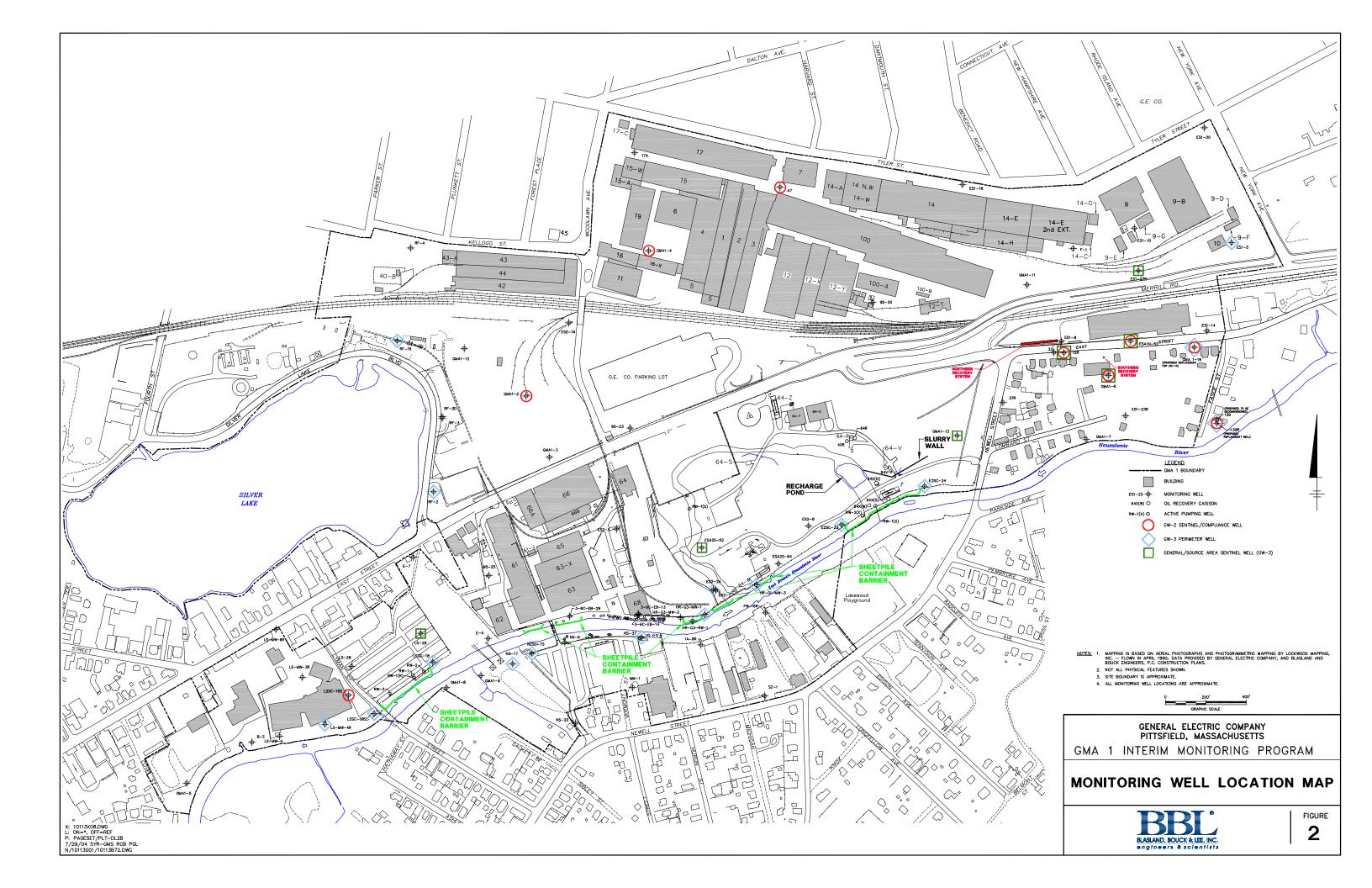




L: ON=*, OFF=REF P: PAGSET/PLT-DL2B 7/29/04 SYR-54-GMS DMW PGL N/10113001/10113B71.DWG RRT °

BBL BLASIAND, BOUCK & LEE, INC.

FIGURE



Appendices



Appendix A

Field Sampling Data



Well ID			Samplin	g Method			Comments
well ib	Fall 2001	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Comments
RAA 2 - 30s COM	PLEX						
GMA1-2	NS	NS	NS	PP	NS		Spring 2004: Well dry - no sample collected. Fall 2003: Well dry - no sample collected. Spring 2003: Well purged dry. Sample collected after recharge. Insufficient water to collect field parameter data (except for turbidity). Fall 2002: Well dry - no sample collected. Spring 2002: Well dry - no sample collected. Fall 2001: Well dry - no sample collected.
RF-02	SP	PP	PP	ВР	NS	PP	Fall 2003: No sample collected - additional sampling under interim monitoring program to resume in spring 2004.
RF-16	PP	ВР	PP	ВР	NS		Fall 2003: No sample collected - additional sampling under interim monitoring program to resume in spring 2004.
RAA 4 - EAST ST	REET AREA 2	2-SOUTH					
95-09/GMA1-13	BA	PP/BA	NS	PP	BP		Spring 2003: Well 95-9 replaced by well GMA1-13 Fall 2002: Well damaged - no sample collected. Fall 2001: Field parameters not collected.
E2SC-23	SP/PP/BA	PP/BA	PP	BP	NS	ВР	Fall 2003: No sample collected - additional sampling under interim monitoring program to resume in spring 2004. Fall 2002: Well dried during purging. Several visits required to collect sample volume. Fall 2001: Submersible pump malfunction, change to peristaltic pump. Well purged dry, samples collected after recharge - multiple visits required (bailer used for VOC collection).
E2SC-24	SP	PP/BA	PP	ВР	NS	BP	Spring 2004: Initial sample analysis canceled due to extremely low surrogate recoveries. A second sample was collected and analyzed. Fall 2003: No sample collected - additional sampling under interim monitoring program to resume in spring 2004. Fall 2001: Slightly turbid (<50 NTU)
ES2-02A	SP	BP	PP	BP	NS	BP	Fall 2003: No sample collected - additional sampling under interim monitoring program to resume in spring 2004. Fall 2001: Unable to get turbidity below 50 NTU.
ESA2S-52	PP	PP/BA	PP	PP	NS	PP	Fall 2003: No sample collected - additional sampling under interim monitoring program to resume in spring 2004. Fall 2002: Well officially added to monitoring program in place of well ES2-17. Fall 2001: Dissolved oxygen meter malfunction. Fall 2001 - Spring 2002: Well sampled as supplemental monitoring point.

Well ID			Samplin	g Method			Comments
Well ID	Fall 2001	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Comments
HR-G1-MW-3	SP	PP	PP	BP	BP	BP	Fall 2003: River elevation very high, water near base of well. Spring 2002: Dissolved oxygen meter malfunction. Fall 2001: Unable to get turbidity below 50 NTU.
HR-G3-MW-1	SP	PP	PP	BP	BP	BP	Fall 2001: Pump malfunction during sample collection, was briefly shut down.
RAA 5 - EAST ST	REET AREA 2	-NORTH				· L	
ES1-05	BA	BP	SP	BP	BP	BP	Spring 2003: Portion of well casing broken. Fall 2002: Well almost dry - unable to get turbidity below 50 NTU. Spring 2002: Well casing broken at top. Fall 2001: Field parameters not collected.
ES1-27R	SP	BP	PP	BP	NS	BP	Fall 2003: No sample collected - additional sampling under interim monitoring program to resume in spring 2004. Fall 2002: Dissolved oxygen meter malfunction.
GMA1-4	NS	NS	NS	PP	PP	PP	Spring 2003: Well cover missing. Fall 2002: Well dry - no sample collected. Spring 2002: Well dry - no sample collected. Fall 2001: Well dry - no sample collected.
RAA 6 - EAST ST	REET AREA 1	-NORTH					
ES1-08	PP	PP	PP	NS	NS	NS	Spring 2003: Well removed from baseline program (replaced by well ESA1S-33). Fall 2002: LNAPL present (removed prior to sampling). Well dried several times during sampling. Spring 2002: LNAPL present (removed prior to sampling). Fall 2001: LNAPL present (removed prior to sampling). Well dried several times during sampling.
ES1-14	PP	PP	PP	PP	NS	NS	Spring 2004: No sample collected due to property access issue - well to be replaced by well GMA1-18 for future interim monitoring events. Fall 2003: No sample collected - additional sampling under interim monitoring program scheduled to resume in spring 2004. Fall 2002: Dissolved oxygen meter malfunction. Well dried several times during sampling, unable to measure water levels during purging Spring 2002: Slightly turbid (<50 NTU), unable to measure water levels during purging. Fall 2001: Well purged dry. Sample collected after recharge.

Well ID			Samplin	g Method			Comments
Well ID	Fall 2001	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Comments
ESA1N-52	PP	PP	PP	PP	NS	PP	Fall 2003: No sample collected - additional sampling under interim monitoring program to resume in spring 2004. Spring 2003: Sheen observed, Fall 2002: Slight sheen observed, Spring 2002: LNAPL present (removed prior to sampling). Fall 2001: LNAPL present (removed prior to sampling).
RAA 12 - LYMAN	STREET ARE	4					
LS-29	SP	BP	NS	PP	PP	PP	Spring 2003: Pump type changed from bladder pump to peristaltic pump. Fall 2002: Well not sampled; Casing broken.
LSSC-08S	PP	BP	PP	BP	NS	BP	Fall 2003: No sample collected - additional sampling under interim monitoring program to resume in spring 2004. Fall 2001: Turbidity meter malfunction. Samples visually clear.
LSSC-16S	SP	PP/BA	PP	BP	NS	BP	Fall 2003: No sample collected - additional sampling under interim monitoring program to resume in spring 2004. Spring 2003: Tubidity relatively high (40 NTU); did not reduce at very low pumping rate. Trace sheen observed during initial purge, not present at time of sampling.
LSSC-18	SP/PP	PP/BA	PP	BP	NS	ВР	Fall 2003: No sample collected - additional sampling under interim monitoring program to resume in spring 2004. Fall 2001: Turbidity meter malfunction. Samples visually clear. Submersible pump malfunction during sample collection, change to peristaltic pump for PCDD/PCDF collection.
MW-4/MW-4R	PP	PP	PP	PP	NS	PP	Fall 2003: No sample collected - additional sampling under interim monitoring program to resume at replacement well MW-4R in spring 2004. Spring 2003: Well cap missing - replaced. Fall 2002: Turbidity meter malfunction. Samples visually clear.
RAA 13 - NEWELL	_ STREET ARI						
N2SC-07S	SP	BP	PP	BP	BP	BP	Spring 2002: Dissolved oxygen meter malfunction. Fall 2001: Dissolved oxygen meter malfunction.
NS-17	SP	PP/BA	PP	PP	PP	PP	

PLANT SITE 1 GROUNDWATER MANAGEMENT AREA GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2004 GENERAL ELECTRIC COMPANY-PITTSFIELD, MASSACHUSETTS

Well ID			Samplin	g Method			Comments
Well ID	Fall 2001	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Comments
RAA 18 - EAST ST	TREET AREA	1 SOUTH					
ESA1S-33	NS	NS	NS	PP	NS		Spring 2004: No sample collected - well to be replaced by well 72R for future interim monitoring events. Fall 2003: No sample collected - additional sampling under interim monitoring program scheduled to resume in spring 2004. Spring 2003: Well added to monitoring program in place of well ES1-8. Turbidity >50 NTU, not reducing at minimum pumping rate. Will use bladder pump for future sampling events.
ESA1S-139	PP	PP	BP/BA	PP	NS	NS	Spring 2004: No sample collected - well to be replaced by well 139R for future interim monitoring events. Fall 2003: No sample collected - additional sampling under interim monitoring program scheduled to resume in spring 2004. Fall 2002: Well dried during purging with bladder pump. Several visits required to collect sample volume with bailer. Fall 2001: Well purged dry. Sample collected after recharge.
GMA1-6	PP	PP	PP	PP	NS		Fall 2003: No sample collected - additional sampling under interim monitoring program to resume in spring 2004.

NOTES:

BP - Bladder Pump

PP - Peristaltic Pump

SP - Submersible Pump

BA - Bailer

PP/BA - Peristaltic Pump with Bailer used for VOC sample collection

NS - Not Sampled

Well Head WELL INFORMA Reference F Height of Re Screen I Wate Length of V Volume of Intake Depth of	ground (ppm) dspace (ppm) ATION Point Marked* leference Point Well Diameter Interval Cepth er Table Depth Well Depth Water Column Water in Well	0.0 7 (V) N 12 -7.05 13 -18 14.48	Meas. From	Sa	mpling Person Da Weath	ite 4/4/	FMF SULAN KUMA		
Well Head WELL INFORMA Reference F Height of Re Screen I Wate Length of V Volume of Intake Depth of	ATION Point Marked* leference Point Well Diameter Interval Oepth er Table Depth Well Depth Well Column	0.0 7 (V) N 12 -7.05 13 -18 14.48		_		-117	sury lever		
Reference F Height of Re Screen I Wates Length of V Volume of I	ATION Point Marked* leference Point Well Diameter Interval Oepth er Table Depth Well Depth Water Column	7 (V) N 12 - 7.05 13 - 7.05 13 - 7.05 14.48			Weath	er mostly	sursy lever		
Reference F Height of Re Screen I Water Length of V Volume of I intake Depth of	Point Marked? leference Point Weil Diameter Interval Oepth er Table Depth Weil Depth Water Column	3-18					7/	~409-	-
Height of Re Screen I Water Length of V Volume of I Intake Depth of	teference Point Well Diameter Interval Depth er Table Depth Well Depth Water Column	3-18					Sample Tin	ne 1625	_
Screen I Water Length of V Volume of I Intake Depth of	Well Diameter Interval Cepth er Table Depth Well Depth Water Calumn	3-18	Mess. From				Sample	D RF-0	2
Screen I Water Length of V Volume of I Intake Depth of	Well Diameter Interval Cepth er Table Depth Well Depth Water Calumn	3-18		365			Duplicate	0 -	
Length of V Volume of V Intake Depth of	er Table Depth Well Depth Water Column	4.48					MS/MS	30 —	
Length of V Volume of V Intake Depth of	er Table Depth Well Depth Water Column	4.48	Meas, From	BES			Split Sample I	0 —	-
Valume of Intake Depth of	Water Column	.0	Meas. From		Lide				
Valume of Intake Depth of		18.43	Meas. From			Require	Analytical	Parameters:	Callectr
intake Depth of	Water in Well	13.95	_			()	VCCs	(Std. list)	(
		01.	ENDIVE			()	VOCs	(Exp.list)	
	of pump/tubing	11.410	Meas. From	TIC	===	()	SV	/OCs	
						()	PCBs	(Total)	E .
ference Point lo	Identification:					IKI	PCBs (E	Dissolved)	4
: Top of Inner	r (PVC) casing	1				()	Metals/In	org. (Total)	()
	er (protective)	Service and the service of the servi				1 1		g. (Dissolved)	1. 1
de/BGS: Grou						1 1		s/PCDFs	4
						()		VHerb	1 1
levelop? Y	(N)					0.00	Natural A	Attenuation	(
						4 1	Other (Specify)	. 1
utes of Pumpir me of water re	np Stop Time ing	5.07 1633 86 M 2.3 Cg			Evacuation M Penstaltic Pur Pump Type: Samples colle	mp (A)	Submersible Pump		per/Specify (
Pump nutes of Pumpin ume of water re well go dry?	np Stop Time ing emoved Y	1633 80 M 2364		NE 2	Penstaltic Pur Pump Type: Samples colle	mp (A) S GEOPLE ecled by same in	Submersible Pump	() Oth	specify)
Pump nutes of Pumpin ume of water re well go dry?	np Stop Time ing emoved Y (0) ater Quality Me	1633 80 M 2364)/avs		Penstaltic Pur Pump Type: Samples colle	omp (A) Secretary of the second by same in t	No submersible Pump No submer	() Oth	specify)
Pump nutes of Pumpin ume of water re well go dry?	np Stop Time ing emoved Y	16 33 86 yr 2.3 64,	Senai Numbers	YSE ST	Penstaltic Pur Pump Type: Samples colle	mp (A) S GEOPLE ecled by same in	no at nethod as evacuation	() Cth m? (Y) N(s	Bi DIZ ME
Pumpinutes of Pumpinume of water rewell go dry? Wal	np Stop Time ing emoved Y N ater Quality Me	Electron Total	Senai Numbers	Temp.	Penstaltic Pur Pump Type: Samples colle	GEOPUR GE	No Figure 1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (() Oth	Brecity) ORP
Pumpinutes of Pumpinume of water rewell go dry? Wal	np Stop Time ing emoved Y N ater Quality Me Pump Rate (Umin.)	Eler Type(s)/ Total Gallons	Senai Numbers. Water Level (ff TIC)	Temp. (Celcius)	Penstaltic Pur Pump Type: Samples colle	Sp. Cond. (mSlcm)	Turbidity [10% or 1 NTU]*	() Cth (n)? (Y) N(s (x) 7 (A) (x) 7 (A) (x) 00 (mg/l)	ORP (mV)
Pumpinutes of Pumpinume of water rewell go dry? Wall	np Stop Time ing emoved Y N ater Quality Me Pump Rate (Umin.)	Electronic State S	Senai Numbers. Water Level (ft TIC)	Temp. (Celcius)	Penstaltic Pur Pump Type: Samples colle	Sp. Cond. (mSlcm)	Turbidity (NTU)	() Cth (n)? (Y) N(s (x) 7 (A) (x) 7 (A) (x) 00 (mg/l)	ORP (mV)
Pumping states of Pumping stat	Pump Rate (Umin.)	Elegan 2.3 cap effer Type(s)/ Total Gallons Removed	Senal Numbers. Water Level (ft TIC) 9.50	Temp. (Celcius)	Penstaltic Pur Pump Type: Samples colle	Sp. Cond. (mSlcm)	Turbidity (NTU) [10% or 1 NTU]*	() Cth (n)? (Y) N(s (x) 7 (A) (x) 7 (A) (x) 00 (mg/l)	ORP (mV)
Pumpingutes of Pumpingutes of Water rewell go dry? Water Time	pp Stop Time ing emoved Y ater Quality Me Pump Rate (Limin.) 0./00 D./00	Eler Type(s)/ Total Gallons Removed 0 0.1	Senal Numbers. Water Level (ft TIC) 9.50 9.50	Temp. (Celcius)	Penstaltic Pur Pump Type: Samples colle	Sp. Cond. (mSlcm)	Turbidity (NTU) (10% or 1 NTU) 69	() Cth (n)? (Y) N(s (x) 7 (A) (x) 7 (A) (x) 00 (mg/l)	ORP (mV)
Pumpinutes of Pumpinume of water rewell go dry? Wall Time 578 0 573 0 573 0	pp Stop Time ing emoved Y (1) alter Quality Me Pump Rate (Umin.) 0./00 0./00 0./00	Eler Type(s)/ Total Gallons Removed 0.1 0.3 0.4	Senal Numbers Water Level (ft TIC) 9.50 9.50 4.50	Temp. (Celcius)	Penstaltic Pur Pump Type: Samples colle	Sp. Cond. (mSlcm)	Turbidity (NTU) [10% or 1 NTU]* (69	() Cth (n)? (Y) N(s (x) 7 (A) (x) 7 (A) (x) 00 (mg/l)	ORP (mV)
Pumpir utes of Pumpir ume of water re well go dry? Wall Time 178 0 173 0 173 0 173 0 173 0 173 0	Pump Rate (Limin.) 0./00 0./00 0./00	Eter Type(s)/ Total Gallons Removed O.1. O.3 O.4 O.5	Water Level (ft TIC) 4.50 4.50 4.50	Temp. (Celcius)	Penstaltic Pur Pump Type: Samples colle	Sp. Cond. (mSlcm)	Turbidity (NTU) (10% or 1 NTU) (69 67 65	() Cth (n)? (Y) N(s (x) 7 (A) (x) 7 (A) (x) 00 (mg/l)	ORP (mV)
Pumpir justes of Pumpir	Pump Rate (Limin.) 0./00 0./00 0./00 0./00	Llo 33 Sto ym 2.3 sq. Potal Gallons Removed O.1. O.3 O.4 O.5 A.7	Water Level (ft TIC) 4.50	Temp. (Celcius)	Penstaltic Pur Pump Type: Samples colle	Sp. Cond. (mSlcm)	Turbidity (NTU) [10% or 1 NTU]* (97 65 63 59	() Cth (n)? (Y) N(s (x) 7 (A) (x) 7 (A) (x) 00 (mg/l)	ORP (mV)
Pumpir utes of Pumpir ime of water re well go dry? Wall Time 578 0 578 0 578 0 578 0 578 0 578 0	Pump Rate (Umin.) 0./00 0./00 0./00 0./00	LG 33 860 VM 2.3 64 Potal Gallons Removed 0.1 0.3 0.4 0.5 6.7 0.8	Water Level (ft TIC) 4.50 4.5	Temp. (Celcius) [3%]*	Penstaltic Pur Pump Type: Samples colle \$\int_{0} \left(0 \) \text{Co3CG} pH [0 1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) (10% or 1 NTU) (69 67 65 63	() Cth (n)? (Y) N(s (mg/l) 10% ;	ORP (mV)
Pumpir utes of Pumpir ime of water re well go dry? Wall Time 578 0 578 0 578 0 578 0 578 0 578 0	Pump Rate (Umin.) 0./00 0./00 0./00 0./00 0./00 0./00 0./00	Llo 33 Sto ym 2.3 sq. Potal Gallons Removed O.1. O.3 O.4 O.5 A.7	Water Level (ft TIC) 4.50 4.5	Temp. (Celcius) (3%)*	Penstaltic Pur Pump Type: Samples colle Deliver College Pump Type: Samples college Pump Type: Samp Type: Samples college Pump Type: Sample	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU] 69 67 65 63 59 73	00 (mg/l) 110%;[*	ORP (mV) (10 mV)*
Pumpinutes of Pumpinume of water rewell go dry? Wall Time \$708 0 573 0 578 0 578 0 578 0 578 0 578 0	Pump Rate (Umin.) 0./00 0./00 0./00 0./00 0./00 0./00 0./00 0./00 0./00	Total Gallons Removed 0.1 0.3 0.4 0.5 0.9 1.1	Water	(Celcius) (3°5)*	Penstaltic Pur Pump Type: Samples colle pH [0 1 units]* 7.09 6.93	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]* 69 67 63 59 173	00 (mg/l) 10%	ORP (mV) (10 mV)*
Pumpinutes of Pumpinume of water rewell go dry? Wall Time 508 0 573 0 523 0 538 0 538 0 538 0 538 0	Pump Rate (Umin.) 0./00 0./00 0./00 0./00 0./00 0./00 0./00	LG 33 860 VM 2.3 64 Potal Gallons Removed 0.1 0.3 0.4 0.5 6.7 0.8	Water Level (ft TIC) 4.50 4.5	Temp. (Celcius) (3%)*	Penstaltic Pur Pump Type: Samples colle Deliver College Pump Type: Samples college Pump Type: Samp Type: Samples college Pump Type: Sample	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU] 69 67 65 63 59 73	00 (mg/l) 110%;[*	ORP (mV) (10 mV)*

Well N	. RF-0	2			Site/GMA Nam	e GMAI	130's com	re/EX_	
Key N	lo			Sar	mpling Personne	1 SUE	,		
PID 8	ackground (ppm)	0.0			Dat				
	Headspace (ppm)			_	Weathe		survey wiso	NOF	
WELL INFO	RMATION	_					Sample Tim	e_/625	9
Refere	nce Point Marked?	(P) N					Sample II		
	of Reference Point		Meas, From				Duplicate II		
11000000	Weil Dlameter			A 75-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1			MS/MS	D	
Sc	reen Interval Depth		Meas, From				Split Sample II)	
	Water Table Depth		Meas. From						
	Weil Depth		Meas, From	-	PAGE	Required	Analytical	Parameters:	Collect
Lengt	h of Water Column		50.	SFE	- 7	()	VOCs	(Std. list)	(
Volum	e of Water in Well				PAGE	()	VOCs	(Exp.iist)	(
Intake De	pth of pump/tubing		Meas. From		1.166	1 1	SV	0Cs	
						1)	PCBs	(Total)	(
Reference P	cint Identification:				-	()	PCBs (D	lissolved)	(
TIC: Top of	Inner (PVC) casing					()	Metals/Inc	org. (Total)	()
TOC. Top of	outer (protective)	casing				Th	Metals/Inorg	(Dissolved)	6
Grade/BGS:	Ground Surface					3 1	PCDDs	VPCDF's	()
						1 1	Pesu	Herb	4 1
Redevelop?	YN					1 3	Natural A	Itenuation	()
						(1	Other (S	Specify)	S 1 1
EVACUATIO	N INFORMATION								1000
	Pump Start Time		233						
	Pump Stop Time		30		Evacuation Me	thod: Bailer	() Bladder P	rump ()	
Minutes of P	umping				Penstattic Pum	p() Se	ibmersible Pump () Cth	er/Specify (
Volume of wa	ter removed		-		Pump Type:	Walking Society		2010	
	Water Quality Me	ter Type(s) / S	Senai Numbers						
	Pump	Total	Water	Temp.	рН	Sp. Cond.	Turbidity	00	ORP
Time	Rate	Gallons	Level	(Celcius)	Manual Transport	(mS/cm)	(NTU)	(mg/l)	(mV)
	(L/min.)	Removed	(ft TIC)	[3%].	[0 1 units]*	(3%)*	[10% or 1 NTU]*	[10%]*	[10 mV]*
1603	6.100	1.10	4.50	8.22	6.83	1.334	40	0.64	34.7
1613	6-100	1.7	4.50	8.25	6.78	1.383	39	0.60	29.7
1618	0-100	1.8	4.50	8.21	6.76	1.383	36	0.56	15.2
1623	G-/0b	2.0	4.50	8.25	6.82	1. 384	34	0.22	7.7
The stabilizati	on criteria for each	field naramet	er (three consec	utive readings	collected at 3- to 5	Saminute interva	(s) is listed in each	column headi	na.
	ion criteria for each			cutive readings of	collected at 3- to 5	5-minute interva	ls) is listed in each	column headi	ng.
AMPLE DEST	TNATION	-0-2M							
Laboratory:								11	
							11,	//	
	COURTE			X .	Field Sampling C	Coordinator:	Strol 1.	he	
							· //		

Weil No	. Rf				Site/GMA Nan	ne GM			
Key No		-		San	npling Personn	1	KLA		
		m) O			Da				
	ackground (pp					11			
Weil h	leadspace (pp	m)		_	Weath	er 40°	CLOUDY		
WELL INFO	PMATION						Sample Tim	ne 10:4	10
	nce Point Marke	d? (Y) N					Sample I	0-	
			Meas. From	12,6			Ouplicate i		
rieight o	of Reference Po	- 1	Meas, From	-BGS	_		MS/MS	-	<i>b</i>
	Well Diame			0//					
	een Interval Dep		1	BGS	_		Split Sample II		
V	Vater Table Dep		Meas. From	TIC	_	2077			8 <u>2</u> (17/10)
	Well Dep	The state of the s	Meas. From	TIC		Required		Parameters:	Collected
Length	of Water Colum		= A			()		(Std. list)	()
Volum	e of Water in W		gal			f 1		(Exp.list)	()
Intake Dep	oth of pump/tubi	ng 15'	Meas. From	TIC		()	sv	OCs	()
						()	PCBs	(Total)	()
Reference Po	oint Identification	10				()	PC8s (D	Dissolved)	()
TIC: Top of Ir	nner (PVC) casi	ng				()	Metals/Inc	org. (Totai)	()
TOC: Top of	outer (protective	e) casing				()	Metals/Inorg	(Dissolved)	()
Grade/BGS:	Ground Surface					1 1	PCDDs	VPCDFs	1 2
	_					()	Pest	/Herb	1 1
Redevelop?	(N) Y					1 1	Natural A	ttenuation	7 7
						1.	Other (Specify)	1301
EVACUATION	NEORMATIO	N o					CYANIDE		ED V
	Pump Slart Time	4.65					12101170	110101	,
	Pump Stop Time	10.61	_		Evacuation M	ethod: Bailer	() Bladder 6	ump (X)	
	and and their		-		Penstaltic Pur		ubmersible Pump	The second second	er/Specify ()
Moudon of Du	maria a	1.0			renstant run	HULL 1 SI	June Side Fullo	3 1000	en-operay ()
Minutes of Pu	1800 B. T. B. W. W. B.	60	p			2018/83 JUL 1972	기 시간 [10] [10] [10] [10] [10] [10] [10] [10]		
Volume of wall	erremoved	1.55g	al		Pump Type:	MARSCHA	LK SYCTEM	10	
	erremoved	1.55g	al		Pump Type:	MARSCHA	기 시간 [10] [10] [10] [10] [10] [10] [10] [10]	10	specify)
Volume of wall	er removed	1.55g	al	Harn	Pump Type: Samples colle	MARSC HA	LK SY (TEM) ethod as evacuatio	n? Y Ng	specify)
Volume of wall	er removed	1.55g	al Senal Numbers	HACH T	Pump Type: Samples colle	MARSCHA	LK SYCTEM	n? Y Ng	specify)
Volume of wall	er removed ? Y N Water Quality	1.55g		YS1 554	Pump Type: Samples colle TURBIDIN 030	MARSCHA icted by same mi NETI-R 1461	LK SYCTEM ethod as evacuatio 021 000 0 2	11 NS	
Volume of wall Old well go dry	Water Quality	1.55g	Water	YS1 554 Temp.	Pump Type: Samples colle	MARSCHA	UL SYCTEM ethod as evacuatio 021 000 0 2 Turbidity	07 V N(s	ORP
Volume of wall	Water Quality	Meler Type(s)/S Total Gallons	Water	YSI 554 Temp. (Celcius)	Pump Type: Samples colle TURBIDIN p 03C	MARSCHA icted by same m NETI-72 1 4 4 1 Sp. Cond. (mS/cm)	C21 000 C 2 Turbidity (NTU)	00 (mg/l)	ORP (mV)
Volume of wall Did well go dry Time	Water Quality Pump Rate (L'min.)	Meler Type(s)/S Total Gallons Removed	Water Level (ft TIC)	YS1 554 Temp. (Celcius) (3%)*	Pump Type: Samples colle TURBIDIN 030	MARSCHA	C21 000 C 2 Turbidity (NTU) [10% or 1 NTU]	00 (mg/l)	ORP (mV) [10 mV]*
Volume of wall Did well go dry	Water Quality Pump Rate (L/min.)	Meler Type(s)/S Total Gallons Removed 0.1322	Water Level (ft TIC)	YSI 554 Temp. (Celcius) (3%)*	Pump Type: Samples colle TURBI DIN p 03C pH [0.1 units]*	MARSCHA icted by same m NETI-72 1 4 4 1 Sp. Cond. (mS/cm) [3%]*	C21 000 C 2 Turbidity (NTU) (10% or 1 NTU)	00 (mg/l)	ORP (mV) [10 mV]*
Volume of wall Did well go dry	Water Quality Pump Rate (Umin.)	Meler Type(s)/S Total Gallons Removed 0.1322 0.3437	Water Level (ft TIC) 9, 555 8, 55	751 554 Temp. (Celcius) (3%)*	Pump Type: Samples colle TURBIDIN p C3C pH [0 1 units]*	MARSCHA inted by same mo NETI-TZ 1 4/6 1 Sp. Cond. (mS/cm) (3%)*	C21 000 C 2 Turbidity (NTU) (10% or 1 NTU)	00 (mg/l) [10%]	ORP (mV) [10 mV]*
Volume of wall Did well go dry	Water Quality Pump Rate (L/min.)	Meler Type(s)/S Total Gallons Removed 0.1322 0.3437 0.5290	Water Level (ft TIC)	YSI 554 Temp. (Celcius) (3%)*	Pump Type: Samples colle TURBI DIN p C3C pH [0 1 units]*	MARSCHA icted by same m NETI-72 1 4 4 1 Sp. Cond. (mS/cm) [3%]*	C21 000 C 2 Turbidity (NTU) (10% or 1 NTU)	00 (mg/l)	ORP (mV) [10 mV]*
Volume of wall Did well go dry	Water Quality Pump Rate (Umin.)	1.55q. Meler Type(s)/S Total Gallons Removed 0.1322 0.3437 0.5290 0.6943	Water Level (ft TIC) 9.55 8.55 8.55	751 554 Temp. (Celcius) (3%)*	Pump Type: Samples colle TURBIDIN p C3C pH [0 1 units]*	MARSCHA inted by same mo NETI-TZ 1 4/6 1 Sp. Cond. (mS/cm) (3%)*	C21 000 C 2 Turbidity (NTU) (10% or 1 NTU)	00 (mg/l) [10%]	ORP (mV) [10 mV]*
Time 10:00 10:17	Water Quality Pump Rate (L/min.) 100 bnL 125 mL	Meler Type(s)/S Total Gallons Removed 0.1322 0.3437 0.5290	Water Level (n'TIC) 9,55 8,55 8,55 8,55	YSI 554 Temp. (Celcius) (3%)*	Pump Type: Samples colle TURBIDIN p C3C pH [0 1 units]* - U.94 U.93	MARSCHA inted by same mon NETI-TZ 1 4/61 Sp. Cond. (mS/cm) [3%]* 0 , 3/9 5 0 , 3/9 2 0 , 3/9 1	C21 000 C 2 Turbidity (NTU) (10% or 1 NTU)	00 (mg/l) [10%]*	ORP (mV) [10 mV]* -246,4 -227.0 -325.7
Time 10:00 10:17 10:12	Pump Rate (Umin.) 100 bnL 125 mL 125 mL 125 mL	1.55q. Meler Type(s)/S Total Gallons Removed 0.1322 0.3437 0.5290 0.4943	Water Level (n'TIC) 9,55 8,55 8,55 8,55	751 554 Temp. (Celcius) (3*6/* 7.55 7.53 7.51	Pump Type: Samples colle TURBIDIN PURBIDIN PURBID PURBIDIN PURBIDIN PURBIDIN PURBIDIN PURBIDIN PURBIDIN PURBIDI	MARSCHA inted by same mon NETI=TZ 1 4/61 Sp. Cond. (mS/cm) [3%]* 0 , 39/5 0 , 39/2 0 , 39/2 0 , 39/0	C21 000 C 2 Turbidity (NTU) (10% or 1 NTU)	00 (mg/l) (10%) (12.117 12.02	ORP (mV) [10 mV]* -246,4 -227.0 -225.7
Time 10:00 10:17 10:12 10:17 10:27	Pump Rate (Lmin.) 100 bnL 125 mL 125 mL 125 mL	1.55g, Meter Type(s)/S Total Gallons Removed 0.1322 0.3437 0.5290 0.4943 1.8596 1.025	Water Level (fi Tic) 9.555 8.55 8.55 8.55 8.55	751 554 Temp. (Celcius) (3*6 * 7.55 7.53 7.51 7.54	Pump Type: Samples colle TURBIDIN 03C pH 10 1 units)*	MARSCHA icted by same mon NETI=TZ 1 4/61 Sp. Cond. (mS/cm) [3%]* 0.395 0.392 0.391 0.390 0.390	C21 000 0 2 Turbidity (NTU) (10% or 1 NTU) 9 9 7	00 (mg/l) [10%] 24.2 [12.40 12.17 12.02 11.91	ORP (mV) [10 mV]* -246,4 -221.0 -225.7 -223.1
Time 10:00 10:17 10:12 10:27 10:27 10:32	Pump Rate (L/min.) 100 bnL 125 mL 125 mL 125 mL 125 mL	1.55q. Meler Type(s)/S Total Gallons Removed 0.1322 0.3437 0.5290 0.4943 0.8596 1.025	Water Level (ft TIC) 9.555 8.55 8.55 8.55 8.55 8.55	751 554 Temp. (Celcius) (3*6 * 7.55 7.53 7.51 7.54 7.45	Pump Type: Samples colle TURBI DIM P 03C pH 01 units *	MARSCHA icted by same mon NETI=R2 1441 Sp. Cond. (mS/cm) [3%]* 0.395 0.392 0.391 0.390 0.390 0.390	C21 000 C 2 Turbidity (NTU) (10% or 1 NTU)	00 (mg/l) [10%] 24.2 12.40 12.17 12.02 11.91	ORP (mV) [10 mV] -246,4 -221.0 -225.7 -223.1 -221.7
Time 10:00 10:17 10:12 10:17 10:27	Pump Rate (Lmin.) 100 bnL 125 mL 125 mL 125 mL	1.55g, Meter Type(s)/S Total Gallons Removed 0.1322 0.3437 0.5290 0.4943 1.8596 1.025	Water Level (fi Tic) 9.555 8.55 8.55 8.55 8.55	751 554 Temp. (Celcius) (3*6 * 7.55 7.53 7.51 7.54	Pump Type: Samples colle TURBIDIN 03C pH 10 1 units)*	MARSCHA icted by same mon NETI=TZ 1 4/61 Sp. Cond. (mS/cm) [3%]* 0.395 0.392 0.391 0.390 0.390	C21 000 0 2 Turbidity (NTU) (10% or 1 NTU) 9 9 7	00 (mg/l) [10%] 24.2 [12.40 12.17 12.02 11.91	ORP (mV) [10 mV]* -246,4 -221.0 -225.7 -223.1
Time 10:00 10:17 10:12 10:27 10:27 10:32	Pump Rate (L/min.) 100 bnL 125 mL 125 mL 125 mL 125 mL	1.55q. Meler Type(s)/S Total Gallons Removed 0.1322 0.3437 0.5290 0.4943 0.8596 1.025	Water Level (ft TIC) 9.555 8.55 8.55 8.55 8.55 8.55	751 554 Temp. (Celcius) (3*6 * 7.55 7.53 7.51 7.54 7.45	Pump Type: Samples colle TURBI DIM P 03C pH 01 units *	MARSCHA icted by same mon NETI=R2 1441 Sp. Cond. (mS/cm) [3%]* 0.395 0.392 0.391 0.390 0.390 0.390	C21 000 0 2 Turbidity (NTU) (10% or 1 NTU) 9 9 7	00 (mg/l) [10%] 24.2 12.40 12.17 12.02 11.91	ORP (mV) [10 mV] -246,4 -221.0 -225.7 -223.1 -221.7
Time 10:00 10:17 10:12 10:27 10:27 10:32	Pump Rate (L/min.) 100 bnL 125 mL 125 mL 125 mL 125 mL	1.55q. Meler Type(s)/S Total Gallons Removed 0.1322 0.3437 0.5290 0.4943 0.8596 1.025	Water Level (ft TIC) 9.555 8.55 8.55 8.55 8.55 8.55	751 554 Temp. (Celcius) (3*6 * 7.55 7.53 7.51 7.54 7.45	Pump Type: Samples colle TURBI DIM P 03C pH 01 units *	MARSCHA icted by same mon NETI=R2 1441 Sp. Cond. (mS/cm) [3%]* 0.395 0.392 0.391 0.390 0.390 0.390	C21 000 0 2 Turbidity (NTU) (10% or 1 NTU) 9 9 7	00 (mg/l) [10%] 24.2 12.40 12.17 12.02 11.91	ORP (mV) [10 mV] -246,4 -221.0 -225.7 -223.1 -221.7
Time 10:00 10:17 10:12 10:27 10:27 10:32	Pump Rate (L/min.) 100 bnL 125 mL 125 mL 125 mL 125 mL	1.55q. Meler Type(s)/S Total Gallons Removed 0.1322 0.3437 0.5290 0.4943 0.8596 1.025	Water Level (ft TIC) 9.555 8.55 8.55 8.55 8.55 8.55	751 554 Temp. (Celcius) (3*6 * 7.55 7.53 7.51 7.54 7.45	Pump Type: Samples colle TURBI DIM P 03C pH 01 units *	MARSCHA icted by same mon NETI=R2 1441 Sp. Cond. (mS/cm) [3%]* 0.395 0.392 0.391 0.390 0.390 0.390	C21 000 0 2 Turbidity (NTU) (10% or 1 NTU) 9 9 7	00 (mg/l) [10%] 24.2 12.40 12.17 12.02 11.91	ORP (mV) [10 mV] -246,4 -221.0 -225.7 -223.1 -221.7
Time 10:00 10:01 10:12 10:17 10:12 10:27 10:35	Water Quality Pump Rate (Umin.) 100 thL 125 mL 125 mL 125 mL 125 mL 125 mL	1.55a. Meler Type(s)/S Total Gallons Removed 0.1322 0.3437 0.5290 0.4943 1.2594 1.025 1.157 1.269	Water Level (n TC) 9, 55 8, 55 8, 55 8, 55 8, 55 6, 55	751 554 Temp. (Celcius) (3*6/* 7.55 7.53 7.51 7.54 7.45 7.45	Pump Type: Samples colle TURBI DIN p 03C pH [01 units]*	MARSCHA icted by same mon METI=72 I 461 Sp. Cond. (mS/cm) [3%]* - 0.392 0.392 0.391 0.390 0.390 0.389 0.389	CL SYCTEM ethod as evacuation 021 000 0 2 Turbidity (NTU) (10% or 1 NTU)* 9 9 7 6 7	00 (mg/l) [10%] 24.2 12.40 12.17 12.02 11.91 11.76	ORP (mV) [10 mV]* -246,4 -227.0 -225.7 -223.1 -221.7 -220.9 -219.5
Time 10:00 10:01 10:12 10:17 10:12 10:27 10:35	Pump Rate (Umin.) 100 bpL 125 mL 125 mL 125 mL 125 mL 125 mL	1.55a. Meler Type(s)/S Total Gallons Removed 0.1322 0.3437 0.5290 0.4943 1.2594 1.025 1.157 1.269	Water Level (ft TIC) 9, 555 8, 55 8, 55 8, 55 6, 55 6, 55	751 554 Temp. (Celcius) (3%)** 7.55 7.51 7.54 7.45 7.45	Pump Type: Samples colle TURBI DIM P 03C pH [0 1 units]* U.94 U.93 T.00 T.03 T.05 T.05	MARSCHA cted by same mo NETI=72 1 461 Sp. Cond. (mS/cm) [3%]* 0,395 0,392 0,391 0,390 0,397 0,397 0,397 0,397	CL SYCTEM ethod as evacuatio 021 000 0 2 Turbidity (NTU) (10% or 1 NTU) 9 9 7 5 7	00 (mg/l) [10%] 24.2 12.40 12.17 12.02 11.91 11.91	ORP (mV) [10 mV] -246,4 -237.0 -235.7 -23.1 -220.9 -219.5
Time 10:00 10:61 10:12 10:17 10:12 10:27 10:35 The stabilization	Pump Rate (L/min.) 100 InL 125 InL	1.55a, Meler Type(s)/S Total Gallons Removed 0.1322 0.3437 0.5290 0.4943 1.059 1.157 1.269	Water Level (ft TIC) 9, 555 8, 55 8, 55 9, 55 6, 55 6, 55 6, 55 6, 55 6, 55	7.55 7.55 7.53 7.54 7.45 7.45 7.45	Pump Type: Samples colle TURBI DIM PURBI CIT IO 1 units)* U.94 U.93 T.00 T.03 T.05 T.01	MARSCHA cted by same mo NETI=72 1 461 Sp. Cond. (mS/cm) [3%]* 0,395 0,392 0,391 0,390 0,397 0,397 0,397 0,397	CL SYCTEM ethod as evacuation 021 000 0 2 Turbidity (NTU) (10% or 1 NTU)* 9 9 7 6 7	00 (mg/l) [10%] 24.2 12.40 12.17 12.02 11.91 11.91	ORP (mV) [10 mV] -246,4 -227.0 -225.7 -220.9 -219.5
Time 10:00 10:61 10:12 10:17 10:12 10:27 10:35 The stabilization	Pump Rate (L/min.) 100 InL 125 InL	1.55a, Meler Type(s)/S Total Gallons Removed 0.1322 0.3437 0.5290 0.4943 1.059 1.157 1.269	Water Level (ft TIC) 9, 555 8, 55 8, 55 9, 55 6, 55 6, 55 6, 55 6, 55 6, 55	7.55 7.55 7.53 7.54 7.45 7.45 7.45	Pump Type: Samples colle TURBI DIM PURBI CIT IO 1 units)* U.94 U.93 T.00 T.03 T.05 T.01	MARSCHA cted by same mo NETI=72 1 461 Sp. Cond. (mS/cm) [3%]* 0,395 0,392 0,391 0,390 0,397 0,397 0,397 0,397	CL SYCTEM ethod as evacuatio 021 000 0 2 Turbidity (NTU) (10% or 1 NTU) 9 9 7 5 7	00 (mg/l) [10%] 24.2 12.40 12.17 12.02 11.91 11.91	ORP (mV) [10 mV] -246,4 -227.0 -225.7 -220.9 -219.5
Time 10:00 10:61 10:12 10:17 10:12 10:27 10:35 The stabilization	Pump Rate (Umin.) 100 thL 125 mL	1.55g. Meler Type(s)/S Total Gallons Removed 0.1322 0.3437 0.5290 0.4943 0.5596 1.025 1.157 1.269	Water Level (ft TIC) 9, 555 8, 55 8, 55 9, 55 6, 55 6, 55 6, 55 6, 55 6, 55	7.55 7.55 7.53 7.54 7.45 7.45 7.45	Pump Type: Samples colle TURBI DIM PURBI CIT IO 1 units)* U.94 U.93 T.00 T.03 T.05 T.01	MARSCHA cted by same mo NETI=72 1 461 Sp. Cond. (mS/cm) [3%]* 0,395 0,392 0,391 0,390 0,397 0,397 0,397 0,397	CL SYCTEM ethod as evacuatio 021 000 0 2 Turbidity (NTU) (10% or 1 NTU) 9 9 7 5 7	00 (mg/l) [10%] 24.2 12.40 12.17 12.02 11.91 11.91	ORP (mV) [10 mV] -246,4 -227.0 -225.7 -220.9 -219.5
Time Time	Pump Rate (Umin.) 100 thL 125 mL	1.55g. Meler Type(s)/S Total Gallons Removed 0.1322 0.3437 0.5290 0.4943 0.5596 1.025 1.157 1.269	Water Level (ft TIC) 9.55 8.55 8.55 8.55 8.55 6.55 6.55 er (three consecutions	751 550 Temp. (Celcius) (3*6 * 7.55 7.53 7.51 7.54 7.45 7.45 7.45 7.45	Pump Type: Samples colle TURBI DIM PURBI CIT IO1 units)*	MARSCHA cted by same mo NETI=72 1 461 Sp. Cond. (mS/cm) [3%]* 0,395 0,392 0,391 0,390 0,397 0,397 0,397 0,397	CL SYCTEM ethod as evacuatio 021 000 0 2 Turbidity (NTU) (10% or 1 NTU) 9 9 7 5 7	00 (mg/l) [10%] 24.2 12.40 12.17 12.02 11.91 11.91	ORP (mV) [10 mV] -246,4 -227.0 -225.7 -220.9 -219.5
Time 10:00 10:61 10:12 10:17 10:12 10:27 10:35 The stabilization	Pump Rate (Umin.) 100 thL 125 mL	1.55a, Meler Type(s)/S Total Gallons Removed 0.1322 0.3437 0.5290 0.4943 1.059 1.157 1.269	Water Level (ft TIC) 9.55 8.55 8.55 8.55 8.55 6.55 6.55 er (three consecutions	7.55 7.55 7.53 7.54 7.45 7.45 7.45	Pump Type: Samples colle TURBI DIM PURBI CIT IO1 units)*	MARSCHA cted by same mo NETI=72 1 461 Sp. Cond. (mS/cm) [3%]* 0,395 0,392 0,391 0,390 0,397 0,397 0,397 0,397	CL SYCTEM ethod as evacuatio 021 000 0 2 Turbidity (NTU) (10% or 1 NTU) 9 9 7 5 7	00 (mg/l) [10%] 24.2 12.40 12.17 12.02 11.91 11.91	ORP (mV) [10 mV] -246,4 -227.0 -225.7 -220.9 -219.5
Time 10:00 10:01 10:12 10:12 10:12 10:27 10:35 The stabilization BSERVATION TNAL PUR	Pump Rate (L/min.) 100 InL 125	1.55g. Meler Type(s)/S Total Gallons Removed 0.1322 0.3437 0.5290 0.4943 0.5596 1.025 1.157 1.269	Water Level (ft TIC) 9.55 8.55 8.55 8.55 8.55 6.55 6.55 er (three consecutions	751 550 Temp. (Celcius) (3*6 * 7.55 7.53 7.51 7.54 7.45 7.45 7.45 7.45	Pump Type: Samples colle TURBI DIM PURBI CIT IO1 units)*	MARSCHA cted by same mo NETI=72 1 461 Sp. Cond. (mS/cm) [3%]* 0,395 0,392 0,391 0,390 0,397 0,397 0,397 0,397	CL SYCTEM ethod as evacuatio 021 000 0 2 Turbidity (NTU) (10% or 1 NTU) 9 9 7 5 7	00 (mg/l) [10%] 24.2 12.40 12.17 12.02 11.91 11.91	ORP (mV) [10 mV] -246,4 -227.0 -225.7 -220.9 -219.5
Time 10:00 10:61 10:12 10:17 10:27 10:35 The stabilization Servation Told Public AMPLE DESTI	Pump Rate (L/min.) 100 InL 125	Meler Type(s)/S Total Gallons Removed 0.1322 0.3437 0.5290 0.4943 0.6596 1.025 1.157 1.269 Chifield parameter METHOD DEVIA	Water Level (ft TIC) 9.555 8.55 8.55 8.55 8.55 8.55 6.55 Collections Collections	751 550 Temp. (Celcius) (3*6 * 7.55 7.53 7.51 7.54 7.45 7.45 7.45 7.45	Pump Type: Samples colle TURBI DIM P 03C pH [01 units]* U.94 U.93 T.00 T.03 T.05 T.05 T.01	MARSCHA cted by same m NETI-72 1 461 Sp. Cond. (mS/cm) (3%)* 0,395 0,392 0,391 0,390 0,396 0,396 0,396 C,389	CL SYCTEM ethod as evacuatio 021 000 0 2 Turbidity (NTU) (10% or 1 NTU) 9 9 7 5 7	00 (mg/l) [10%] 24.2 12.40 12.17 12.02 11.91 11.91	ORP (mV) [10 mV]* -246,4 -237.0 -235.7 -23.1 -220.9 -219.5
Time IC: OO IC: GT IC: 12 IC: 17 IC: 12 IC: 17 IC: 12 IC: 35 The stabilization TNAL PVI AMPLE DESTI	Water Quality Pump Rate (L/min.) 100 bnL 125 mL	1.55g. Meler Type(s)/S Total Gailons Removed 0.1322 0.3637 0.5290 0.6943 0.8596 1.025 1.157 1.269 Chifield parametr METHOD DEVIA	Water Level (ft TIC) 9.555 8.55 8.55 8.55 8.55 8.55 6.55 Collections Collections	751 550 Temp. (Celcius) (3*6 * 7.55 7.53 7.51 7.54 7.45 7.45 7.45 7.45	Pump Type: Samples colle TURBI DIM PURBI CIT IO1 units)*	MARSCHA cted by same m NETI-72 1 461 Sp. Cond. (mS/cm) (3%)* 0,395 0,392 0,391 0,390 0,396 0,396 0,396 C,389	CL SYCTEM ethod as evacuatio 021 000 0 2 Turbidity (NTU) (10% or 1 NTU) 9 9 7 5 7	00 (mg/l) [10%] 24.2 12.40 12.17 12.02 11.91 11.91	ORP (mV) [10 mV] -246,4 -227.0 -225.7 -220.9 -219.5
Time 10:00 10:01 10:12 10:12 10:17 10:22 10:27 10:35 The stabilization BSERVATION TIMAL Public Laboratory. Delivered Via:	Pump Rate (L/min.) 100 InL 125	1.55g. Meler Type(s)/S Total Gailons Removed 0.1322 0.3637 0.5290 0.6943 0.8596 1.025 1.157 1.269 Chifield parametr METHOD DEVIA	Water Level (ft TIC) 9.555 8.55 8.55 8.55 8.55 8.55 6.55 Collections Collections	YSI 554 Temp. (Celcius) (3%)** 7.55 7.53 7.54 7.45 7.45 7.45 7.45 0.000053	Pump Type: Samples colle TURBI DIN p 03C pH [01 units]* U.94 U.93 7.00 7.05 7.05 7.05	MARSCHA cted by same mon NETI-IZ 1 4/61 Sp. Cond. (mS/cm) (3%)* - 0,392 0,392 0,392 0,391 0,396 C,389 C,389	CL SYCTEM ethod as evacuatio 021 000 0 2 Turbidity (NTU) (10% or 1 NTU) 9 9 7 5 7	00 (mg/l) [10%] 24.2 12.40 12.17 12.02 11.91 11.76 column headi	ORP (mV) [10 mV] -246,4 -227.0 -225.7 -220.9 -219.5

Well No	a EZIC	43			Site/GMA Nam	20717	EAST ST A		
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	e of Water in We					()		(Exp.list)	4
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iume of wat is well go dry Time	ter removed y? Y N Water Quality M	1. 3 Galls leter Type(s)/ S	enal Numbers.	Temp,	Samples collect	Sp. Cond.	Turbidity	DO 12023	ORP
iume of wat d well go dry	ter removed y? Y N Water Quality M Pump Rate	1, 3 (%) seter Type(s)/ S Total Gallons	enal Numbers Water Level	Temp, (Celcius)	63111023(Sp. Cond. (mS/cm)	Turbidity (NTU) [10% or 1 NTU]	DO (mg/l)	ORP (mV)
tiume of was d well go dry Time	Water Quality M Pump Rate (Umin.)	1, 3 (%) seter Type(s)/ S Total Gallons Removed	Water Level (ft TIC) /.5.75	Temp. (Celcius) [3%]*	Samples collect (03 YY/0 2 30) pH [0 1 units]*	Sp. Cond. (mS/cm)	Turbidity (NTU) [10% or 1 NTU] 74	DO (mg/l)	ORP (mV) [10 mV]
Time	Water Quality M Pump Rate [Umin.]	Total Gallons Removed 0.1	Water Level (ft TIC) /.5. 68	Temp, (Celcius)	Samples collect (63)1110 2 3 1 1 1 1 1 1 1 1 1	Sp. Cond. (mS/cm)	Turbidity (NTU) [10% or 1 NTU] 74 43	DO (mg/l) 13.47	ORP (mV)
Time 1892 197 152	Water Quality M Pump Rate [Umin.] G.100	Total Gallons Removed 0.1	Water Level (ft TIC) /.5: 48 /.5: 75 /.5: 79	Temp. (Celcius) [3%]*	Samples collect (03 YY/0 2 30) pH [0 1 units]*	Sp. Cond. (mS/cm)	Turbidity (NTU) [10% or 1 NTU] 74 43 18	DO (mg/l) 110%; 13.47	ORP (mV) [10 mV]
Time //6/12 //5/2 157 502	Pump Rate [Umin.] G.100 0.100 0.100 0.100	Total Gallons Removed 0.1 6.3 0.4	Water Level (ft TIC) /.5: 48 /.5: 75 /.5: 79 /.5: 90	7.81 7.22	91 pH 10 1 units)* G-89 7.04	Sp. Cond. (mS/cm) (3%)* 0.541 0.540	Turbidity (NTU) [10% or 1 NTU] 74 43 18 19	13.47 8.41	ORP (mV) (10 mV) 242.2 244.7 245.4
Time //// /// /// /// /// /// /// /// ///	Pump Rate [Umin.] G.100 0.100	Total Gallons Removed O.1 6.3 0.4 0.5 0.7	Water Level (ft TIC) /.5: 48 /.5: 75 /.5: 79	7.81 7.49 7.22	Samples collect (03) (02) (03) (03) (Sp. Cond. (mS/cm) (3%)* 0.541 0.541	Turbidity (NTU) [10% or 1 NTU] 74 4.3 18 14 8	13.47 8.41 8.49	ORP (mV) (10 mV) 242.2 244.7 245.4
Time //6/12 //5/2 15/3 502 507	Pump Rate [Umin.] G.100 0.100 0.100 0.100	Total Gallons Removed O.1 0.3 0.1 0.5 0.7 0.8	Water Level (ft TIG) /.5: 48 /.5: 75 /.5: 79 /.5: 90 /.5: 95 //.5: 90	7.81 7.81 7.22 7.10	Samples collect (3)1102 3(pH (0 units)*	Sp. Cond. (mS/cm) (3%)* 0.541 0.541 0.541	Turbidity (NTU) [10% or 1 NTU] 74 43 18 19	13.47 8.41 8.40 8.44 8.30	ORP (mV) (10 mV) 242.2 244.7 245.4 245.4
Time //6/12 //5/2 //5/2 502 507 512	Pump Rate (L/min.) 6.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed O.1 6.3 0.4 0.5 0.7	Water Level (ft TIC) /.5.75 /5.75 /5.75 /5.79 /5.90 /5.95 /6.00	7.81 7.81 7.49 7.22 7.10 6.98	Samples collect (3)1102 3(1) pH (0 1) units)*	Sp. Cond. (mS/cm) [3%]* 6.54] 6.54] 6.54] 6.54] 6.54] 6.54]	Turbidity (NTU) [10% or 1 NTU] 74 4.3 18 14 8	13.47 8.41 8.40 8.44 8.30	ORP (mV) (10 mV) 242.2 244.7 245.4 245.4 245.6
Time //6/12 //5/2 //5/2 502 507 512	Pump Rate (L/min.) 6.100 0.100 0.100 0.100 0.100	Total Gallons Removed O.1 0.3 0.1 0.5 0.7 0.8	Water Level (ft TIG) /.5: 48 /.5: 75 /.5: 79 /.5: 90 /.5: 95 //.5: 90	7.81 7.81 7.22 7.10	Samples collect (3)110 2 3(1) pH (0 1) units)*	Sp. Cond. (mS/cm) (3%)* 0.541 0.541 0.541	Turbidity (NTU) [10% or 1 NTU] 74 4.3 18 14 8	13.47 8.41 8.40 8.44 8.30	ORP (mV) (10 mV) 242.2 244.7 245.4 245.4
Time //6/12 //5/2 //5/2 502 507 512	Pump Rate (L/min.) 6.100 0.100 0.100 0.100 0.100 0.100	I. 3 Gulls eter Type(s)/S Total Gallons Removed O.1 6.3 6.4 0.5 6.7 0.8 0.9	Water Level (ft TIC) /.5.75 /5.75 /5.75 /5.79 /5.90 /5.95 /6.00	7.81 7.81 7.49 7.22 7.10 6.98	Samples collect (3)1102 3(1) pH (0 1) units)*	Sp. Cond. (mS/cm) [3%]* 6.54] 6.54] 6.54] 6.54] 6.54] 6.54]	Turbidity (NTU) [10% or 1 NTU] 74 4.3 18 14 8	13.47 8.41 8.40 8.44 8.30	ORP (mV) (10 mV) 242.2 244.7 245.4 245.4 245.6
Time //6/12 //5/2 //5/2 502 507 512	Pump Rate (L/min.) 6.100 0.100 0.100 0.100 0.100 0.100	I. 3 Gulls eter Type(s)/S Total Gallons Removed O.1 6.3 6.4 0.5 6.7 0.8 0.9	Water Level (ft TIC) /.5.75 /5.75 /5.75 /5.79 /5.90 /5.95 /6.00	7.81 7.81 7.49 7.22 7.10 6.98	Samples collect (3)1102 3(1) pH (0 1) units)*	Sp. Cond. (mS/cm) [3%]* 6.54] 6.54] 6.54] 6.54] 6.54] 6.54]	Turbidity (NTU) [10% or 1 NTU] 74 4.3 18 14 8	13.47 8.41 8.40 8.44 8.30	ORP (mV) (10 mV) 242.2 244.7 245.4 245.4 245.6
Time /#47 /#47 /52 157 502 517 522	Pump Rate (Umin.) 6.160 0.160 0.160 0.160 0.160 0.160 0.160	I. 3 Gulls eter Type(s)/ S Total Gallons Removed O.1 6.3 0.4 0.5 0.7 0.8 0.9	Water Level (ft TIC) /5: 75 15: 75 15: 95 15: 90 15: 95 16: 05 16: 05	7.81 7.81 7.22 7.10 (6.91 (6.91	9H 10 1 units; G-89 7.04 7.12 7.16 7.19 7,19	Sp. Cond. (mS/cm) (3%)* 6. SY) 6. SY) 6. SY) 6. SY) 6. SY) 6. SY) 6. SY) 6. SY) 6. SY) 6. SY)	Turbidity (NTU) [10% or 1 NTU] 74 43 18 19 6	13.47 8.41 8.40 8.44 8.30 8.12	ORP (mV) 110 mV]
Time Time /#47 452 457 502 507 512 517 522	Pump Rate (Umin.) 6.160 0.160 0.160 0.160 0.160 0.160 0.160	I. 3 (%) Is letter Type(s)/ S Total Gallons Removed O.1 6.3 6.4 6.5 6.7 0.8 0.9 1.1	Water Level (ft TIC) //5: 68 //5: 75 //5: 79 //5: 90 //5: 95 //6: 05 //6: 05 //6: 05 //6: 00	7.81 7.49 7.27 7.10 (e.98 (e.91 (e.84)	9H 0 units	Sp. Cond. (mS/cm) (3%)* 0. SY) 0. SY1 0. SY1 0. SY1 0. SY1 0. SY1	Turbidity (NTU) [10% or 1 NTU] 74 43 18 19 6 4 3 ais) is listed in each	13.47 8.41 8.40 8.44 8.30 8.72	ORP (mV) 110 mV]
Time /#47 /452 457 502 S07 512 S17 S22	Water Quality M Pump Rate [Umin.] G.160	I. 3 (Ga) Interest Type(s) / S Total Gallons Removed O.1 O.3 O.9 I.1 In field parameter ETHOD DEVIA	Water Level (ft TIC) //5-75 //5-75 //5-79 //5-95 //5-95 //5-95 //5-95 //5-95 //6-05 //6-05 //6-05 //6-05	7.81 7.49 7.27 7.10 (e.98 (e.91 (e.84)	9H 0 units	Sp. Cond. (mS/cm) (3%)* 0. SY) 0. SY1 0. SY1 0. SY1 0. SY1 0. SY1	Turbidity (NTU) [10% or 1 NTU] 74 43 18 19 6	13.47 8.41 8.40 8.44 8.30 8.72	ORP (mV) 110 mV]
Time Time /#47 /52 457 502 507 512 517 522	Pump Rate (Umin.) 6.160 0.160 0.160 0.160 0.160 0.160 0.160	I. 3 (Ga) Interest Type(s) / S Total Gallons Removed O.1 6.3 6.7 0.5 6.7 0.9 I.1	Water Level (ft TIC) //5-75 //5-75 //5-79 //5-95 //5-95 //5-95 //5-95 //5-95 //6-05 //6-05 //6-05 //6-05	7.81 7.49 7.27 7.10 (e.98 (e.91 (e.84)	9H 0 units	Sp. Cond. (mS/cm) (3%)* 0. SY) 0. SY1 0. SY1 0. SY1 0. SY1 0. SY1	Turbidity (NTU) [10% or 1 NTU] 74 43 18 19 6 4 3 ais) is listed in each	13.47 8.41 8.40 8.44 8.30 8.72	ORP (mV) 110 mV] 242.2 244.7 245.4 245.6 245.6
Time Time /#47 /52 457 502 507 512 517 522	Water Quality M Pump Rate [Umin.] G.160	I. 3 (Ga) Interest Type(s) / S Total Gallons Removed O.1 6.3 6.7 0.5 6.7 0.9 I.1	Water Level (ft TIC) /.5.75 15.79 15.95 15.90 15.95 16.05 16.05 16.05	7.81 7.49 7.27 7.10 (e.98 (e.91 (e.84)	9H 0 units	Sp. Cond. (mS/cm) (3%)* 0. SY) 0. SY1 0. SY1 0. SY1 0. SY1 0. SY1	Turbidity (NTU) [10% or 1 NTU] 74 43 18 19 6 4 3 ais) is listed in each	13.47 8.41 8.40 8.44 8.30 8.72	ORP (mV) 110 mV]
Time Time /#47 452 457 502 507 512 517 522 e stabilization	Water Quality M Pump Rate [Umin.] G.160	I. 3 (Ga) Interest Type(s) / S Total Gallons Removed O.1 6.3 6.7 0.5 6.7 0.9 I.1	Water Level (ft TIC) /.5.75 15.79 15.95 15.90 15.95 16.05 16.05 16.05	7.81 7.49 7.27 7.10 (e.98 (e.91 (e.84)	9H 0 units	Sp. Cond. (mS/cm) (3%)* 0. SY) 0. SY1 0. SY1 0. SY1 0. SY1 0. SY1	Turbidity (NTU) [10% or 1 NTU] 74 43 18 19 6 4 3 ais) is listed in each	13.47 8.41 8.40 8.44 8.30 8.72	ORP (mV) 110 mV]
Time /#// Time /#// // // // // // // // // // // //	Water Quality M Pump Rate [Umin.] G.100 G.	I. 3 (Ga) Interest Type(s) / S Total Gallons Removed O.1 6.3 6.7 0.5 6.7 0.9 I.1	Water Level (ft TIC) /.5.75 15.79 15.95 15.90 15.95 16.05 16.05 16.05	7.81 7.49 7.27 7.10 (e.98 (e.91 (e.84)	9H 0 units	Sp. Cond. (mS/cm) (3%)* 0. SY) 0. SY1 0. SY1 0. SY1 0. SY1 0. SY1	Turbidity (NTU) [10% or 1 NTU] 74 43 18 19 6 4 3 ais) is listed in each	13.47 8.41 8.40 8.44 8.30 8.72	ORP (mV) 110 mV]
Time Time /#/12 /#/17 /502 S07 502 S07 512 S17 S22 e stabilization servation wal punts	Water Quality M Pump Rate [Umin.] G.100 G	Total Gallons Removed O O O O O O O O O O O O O O O O O O O	Water Level (ft TIC) /.5.75 15.79 15.95 15.90 15.95 16.05 16.05 16.05	7.81 7.49 7.27 7.10 (e.98 (e.91 (e.84)	9H 0 units	Sp. Cond. (mS/cm) (3%)* 0. SY) 0. SY1 0. SY1 0. SY1 0. SY1 0. SY1	Turbidity (NTU) [10% or 1 NTU] 74 43 18 19 6 4 3 ais) is listed in each	13.47 8.41 8.40 8.44 8.30 8.72	ORP (mV) 110 mV]
Time Time /#/12 /#/17 /502 S07 502 S07 512 S17 S22 BERVATION AND MARKET DESTI	Water Quality M Pump Rate [Umin.] G.100 G.	Total Gallons Removed O O O O O O O O O O O O O O O O O O O	Water Level (ft TIC) /.5.75 15.79 15.95 15.90 15.95 16.05 16.05 16.05	7.81 7.49 7.27 7.10 (e.98 (e.91 (e.84)	9H 0 units	Sp. Cond. (mS/cm) (3%)* 0. SY) 0. SY1 0. SY1 0. SY1 0. SY1 0. SY1	Turbidity (NTU) [10% or 1 NTU] 74 43 18 19 6 4 3 ais) is listed in each	13.47 8.41 8.40 8.44 8.30 8.72	ORP (mV) 110 mV]

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Val Cid	dume of white	Valer Cuality M	2. l eter Type(s) / S Total	Water	Femp.	Sumples collec		IV Bladde	S.S. CH 210	Pump DECOMP
Val Cid	elume of write I well ga dvy	Valer Cuality M	2. L eler Typels) / S Total Gallons	Water Lavei	(Calcius)	Sumples collect 556 MC5	Sp. Cona.	IV Bladde	S.S. CH 210 (mg/l)	Pump cecity) CRP (mV)
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Val Cid	turne of write I well go dry	Vater Guality Mi Puma Rate Millmin.)	Z. I Fotal Gallons Removed	Water Laves (# FIG)	(Calcius)	Sumples collect 556 MC5	Sp. Cona.	Turnienty (NTU)	S.S. CH 210	Pump cecity) CRP (mV)
Val	Firme	Purro Rate Wilmin.)	Z. I Fotal Gailons Removed	Water Laves (# NC) (4, 03	(Calcius)	Sumples collect 556 MC5	Sp. Cona. (mS/cm)	Furnienty (NTU)	S.S. CH ZIO (mg/l) (mg/l)	Pump cectry) ORP (mV) (10 mV)
Val	Firme 12:59 13:66 13:75	Vater Guality Mi Puma Rate Millimin.) 100 100	Z. I Fotal Gailons Removed 6 9.12 0.34	Water Lavei (ft ffC) 14.03	[Calcous]	Sumples collections of the sumples collections of the sum of the s	Sp. Cona. (mS/cm) (3%)	Turnienty (NTU)	S.S. CH ZIO (mg/l) (mg/l) (10°.1°	Pump cecity) CRP (mV)
Vel Gid	Firme 12:59 13:66 13:75 13:20	Vater Guality Mi Puma Rate Williamin.) 100 100 100	Cotal Gallons Removed	Water Laves (ft ff.C): 17.03 17.03 14.03	(Calcius) 13%1*	Sumples collections of the sumples collections of the sum of the s	Sp. Cona. (mS/cm) (3%) 8.908	Furnishy (NTU) 110% or 1 NTU!	CH ZIO (mg/l) 100.11	Pump CRP [mv] [10 mu] 1 70.4
Vel Gid	Firme [2:59 [3:6] [3:/5] [3:25]	Puma Rate Wilmin.) /// // // // // // // // // // // // /	Cotal Gailons Removed D.12 D.34 D.49 D.62	Water Lavei (ft ftC) (4.03 (4.03 (4.03 (4.03	Femp. (Calcius) 13% 1"	54mp Type: 54mples collect 556 M CS 2H 10 units 1	# 908 # 908 # 908 # 914 # 918	Turnienty (NTU)	CH ZIO (mg/l) 110°4,11	Pump ORD ORD (MV) (10 mu) 1 70.4 1 /66.7
Vol Old	Time 12:59 13:66 13:75 13:20 13:25 17:30	Puma Rate Millimin.) 100 100 100 100 100 100	Cotal Gallons Removed D.12 D.34 D.49 D.62 D.75	Water Lavei (ft flC) 17.03 14.03 14.03 14.03 14.03	Femp. (Calcius) 13%1" 8.60 8.41 8.37 8.45	54mp Type: 54mples collect 556 MCS 2H 10 units 1	# 908 # 908 # 908 # 918 # 918	Furnishy (NTU) 110% or 1 NTU!	CH ZIO (mg/l) 100.11	Pump ORD (MY) (10 mV) (16.4 (16.7 (161.5) (153.2)
Sid Sid	Time 12:59 13:66 13:75 13:20 13:25 13:35	Puma Rate Wilmin.) /// // // // // // // // // // // // /	2.1 Total Gallons Removed 0.13 0.34 0.62 0.75 0.98	Water Lavei (ft flC) 17.03 14.03 14.03 14.03 14.03	8.60 8.41 8.45 8.37	556 MPS an 10 units) 6.67 6.70 6.72 6.72	# 1908 # 908 # 908 # 914 # 918 # 921	Furnishy (NTU) 110% or 1 NTU!	CH ZIO (mg/l) 10°-1"	Pump ORP (mV) (10 mV) 1 70.4 1 /66.7 1 /61.5 1 /53.2 1 /45.9
Sid Sid	Time 2:59 3:66 13:75 13:25 13:35 13:46	Puma Rate Midmin.) /// // // // // // // // // // // // /	2.1 Total Gallons Removed 0.13 0.34 0.62 0.75 0.98 1.01	Water Laves (R RC) 17.03 14.03 14.03 14.03 14.03 14.03 14.03	8.60 8.41 8.37 8.37 8.39 8.36	556 MPS 2H 0 units1* 6.67 6.70 6.72 6.72 6.72	# 18 908 6 914 6 918 6 921 6 924	Furnishy (NTU) 110% or 1 NTU!	CH ZIO (mg/l) 100.11	Pump CRP [mV) [10 mV]*
Sid Sid	Time 12:59 13:66 13:75 13:30 13:35 13:35 13:46 13:45	Pumo Rate Mulimin.) /00 /00 /00 /00 /00 /00 /00	2.1 Total Gailons Removed 6.13 0.34 0.62 6.75 6.98 1.01 1.14	Water Laves (R FIC) 17.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03	8.60 8.41 8.37 8.45 8.39 8.36	54mp Type: 54mples collect 556 MC5 2H 10 1 units1* 6.67 6.70 6.72 6.72 6.71 6.69	# 908 # 908 # 908 # 914 # 918 # 918 # 921 # 924	Furnishy (NTU) 110% or 1 NTU!	CH ZIO (mg/l) 100-11 2.83 2.03 2.78 2.03 2.78 2.58 6.58	Pump CRP [MV] [10 mult
Veid Glid	Time 1 2:59 13:66 13:75 13:30 13:35 13:46 13:45 13:50	Puma Rate Micimin.) /// // // // // // // // // // // // /	2.1 Fotal Gailons Removed 6.13 0.34 0.49 0.62 8.75 8.88 1.01 1.14 1.37	Water Lavel 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03	8.60 8.41 8.37 8.45 8.39 8.36 8.36	54mp Type: 54mples collect 556 MC5 2H 10 1 units1 6.70 6.72 6.72 6.72 6.72 6.73	# # # # # # # # # # # # # # # # # # #	Furnishy (NTU) 110% or 1 NTU!	CH 210 (mg/l) 10°-1" 2.83 2.03 2.78 2.58 2.03 2.78 2.58 2.60 2.78 2.78 2.78 2.78 2.78 2.78 2.78	Pump CRP [mV) 110 mV1 170.4 166.7 161.5 153.2 145.9 132.1 122.9 113.7
Veid Glid	Time 12:59 13:35 13:35 13:45 13:50 13:55	Puma Rate Williams 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100	2.1 Fotal Gailons Removed 6.13 0.34 0.49 0.62 5.75 6.86 1.01 1.14 1.37	Water Lavel (R FIC: 17.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03	8.60 8.41 8.37 8.45 8.39 8.36 8.36 8.36	54mp Type: 54mples collect 556 MC5 2H 10 1 units1* 6.67 6.70 6.72 6.72 6.71 6.69	# 908 # 908 # 908 # 914 # 918 # 918 # 921 # 924	Furnishy (NTU) 110% or 1 NTU* 18 18 11 8 4 4 3	CH 210 CH 210 (mg/l) 10°-1"	Pump CRE [MV] [10 mV] [16.4 [16.5] [16.5] [15.32 [145.9] [13.1 [122.9] [13.7] [104.7]
Sid	Time 12:59 13:66 13:75 13:30 13:35 13:46 13:50 13:55 13:50	Puma Rate Williams 100	2.1 Fotal Gallons Removed 6.13 0.34 0.49 0.62 8.75 8.88 1.01 1.14 1.37 1.39 1.52	Water Laves (R FIC: 4.03 17.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03	8.60 8.41 8.37 8.45 8.39 8.36 8.36 8.36 8.36 8.36	54mo Type: 54moles collect 556 MC5 2H 10 Lunus 1 6.67 6.70 6.72 6.72 6.73 6.72 6.73 6.72 6.73	# 908 # 908 # 908 # 914 # 918 # 924 # 924 # 924 # 924 # 924 # 924 # 924 # 924	Furnienty (NTU) 110% or 1 NTU! 18 11 8 11 8 11 8 4 4 33 2	S.S. CH 210 (mg/l) 100-11 20.83 20.3 20.78 20.40 20.58 6.58 6.58 6.58 6.58 6.58 6.58 6.49 8.49	Pump CRE [MV] [10 mV] [16.4 [16.5] [16.5] [15.32 [145.9] [13.1 [122.9] [13.7 [04.7 [93.6]
Clid	Time 12:59 13:66 13:75 13:30 13:35 13:46 13:45 13:50 13:55 14:00 e stabilization	Puma Rate McImin.) /// // // // // // // // // // // // /	2.1 Fotal Gallons Removed 6 6.13 0.34 0.49 0.62 6.75 6.88 1.01 1.14 1.37 1.39 1.52	Water Laves (# ПС; 4.03 17.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03	8.60 8.41 8.37 8.45 8.39 8.36 8.36 8.36 8.36 8.36	536 MCS 536 MCS 544 56.70 6.72 6.72 6.73 6.72 6.73 6.72 6.73 6.73 6.73	# 908 # 908 # 908 # 914 # 918 # 921 # 924 # 924 # 924 # 924 # 924 # 924	Furnishing is evincular HA Furnishing (NTU) 110% or 1 NFU/ 18 1/ 18 1/ 2 3 2 3) is listed in each	S.S. CH 210 (mg/l) 100-11 20.83 20.3 20.78 20.40 20.58 6.58 6.58 6.58 6.58 6.58 6.58 6.49 8.49	Pump CRP [mV) [10 mV]* 1 70.4 166.7 161.5 153.2 145.9 132.1 122.9 113.7 104.7 93.6
Cid Cid	Time 12:59 13:66 13:75 13:30 13:35 13:46 13:45 13:50 13:55 14:00 e stabilization EFVATIONS	Puma Puma Puma Puma Puma Puma Puma Puma	2.1 Fotal Gailons Removed 6 9.12 9.34 9.49 9.62 4.75 9.88 1.01 1.14 1.37 1.39 1.52 1.62 1.62 1.62 1.62 1.62	Water Laves (# ПС; 4.03 17.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03	8.60 8.41 8.37 8.45 8.39 8.36 8.36 8.36 8.36 8.36	54mo Type: 54moles collect 556 MC5 2H 10 Lunus 1 6.67 6.70 6.72 6.72 6.73 6.72 6.73 6.72 6.73	# 908 # 908 # 908 # 914 # 918 # 921 # 924 # 924 # 924 # 924 # 924 # 924	Furnishy (NTU) 110% or 1 NTU! 578 17 18 17 8 6 55 4 4 32 2	S.S. CH ZIO (mg/l) 110°1." ————————————————————————————————————	Pump CRP [mV) [10 mV]* 1 70.4 166.7 161.5 153.2 145.9 132.1 122.9 113.7 104.7 93.6
Cid Cid	Time 12:59 13:66 13:75 13:30 13:35 13:46 13:45 13:50 13:55 14:00 e stabilization	Puma Puma Puma Puma Puma Puma Puma Puma	2.1 Fotal Gallons Removed 6 6.13 0.34 0.49 0.62 6.75 6.88 1.01 1.14 1.37 1.39 1.52	Water Laves (# ПС; 4.03 17.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03	8.60 8.41 8.37 8.45 8.39 8.36 8.36 8.36 8.36 8.36	536 MCS 536 MCS 544 56.70 6.72 6.72 6.73 6.72 6.73 6.72 6.73 6.73 6.73	# 908 # 908 # 908 # 914 # 918 # 921 # 924 # 924 # 924 # 924 # 924 # 924	Furnishy (NTU) 110% or 1 NTU! 578 17 18 17 8 6 55 4 4 32 2	S.S. CH 210 (mg/l) 100-11 20.83 20.3 20.78 20.40 20.58 6.58 6.58 6.58 6.58 6.58 6.58 6.49 8.49	Pump ORP (mV) (10 mV) (166.7 (66.7 (167.8 (153.2 (145.9 (137.1 (122.9 (113.7 (104.7 (1
Cid Cid	Time 12:59 13:66 13:75 13:30 13:35 13:46 13:45 13:50 13:55 14:00 e stabilization EFVATIONS	Puma Puma Puma Puma Puma Puma Puma Puma	2.1 Fotal Gailons Removed 6.13 0.34 0.49 0.62 1.01 1.14 1.37 1.39 1.62 Third paramete	Water Lavel (ift FIC) 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03	8.60 8.41 8.37 8.45 8.39 8.36 8.36 8.36 8.36 8.36	536 MCS 536 MCS 540 570 6.70 6.72 6.72 6.73 6.72 6.73 6.72 6.73 6.73	# 908 # 908 # 908 # 914 # 918 # 921 # 924 # 924 # 924 # 924 # 924 # 924	Furnishy (NTU) 110% or 1 NTU! 578 17 18 17 8 6 55 4 4 32 2	S.S. CH ZIO (mg/l) 110°1." ————————————————————————————————————	Pump CRP [mV) [10 mV]* 1 70.4 166.7 161.5 153.2 145.9 132.1 122.9 113.7 104.7 93.6
Cid Cid	Time 2:59 3:06 3:75 3:25 13:35 3:45 13:50 13:85 14:00 0:68	Pumo Rate Pumo Rate Williamin.) 100 100 100 100 100 100 100 100 100 1	2.1 Fotal Gailons Removed 6.13 0.34 0.49 0.62 1.01 1.14 1.37 1.39 1.62 Third paramete	Water Lavel (ift FIC) 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03	8.60 8.41 8.37 8.45 8.39 8.36 8.36 8.36 8.36 8.36	536 MCS 536 MCS 540 570 6.70 6.72 6.72 6.73 6.72 6.73 6.72 6.73 6.73	# 908 # 908 # 908 # 914 # 918 # 921 # 924 # 924 # 924 # 924 # 924 # 924 # 924 # 924 # 924	Furnished in each Some Su	S.S. CH 210 (mg/l) 10°4," ———————————————————————————————————	Pump CRP [MV) [10 mV] [166.7 [466.7 [45.9 [132.1 [122.9 [13.7 [147.7
Cid Cid	Time 12:59 13:66 13:75 13:30 13:35 13:46 13:45 13:50 13:55 14:00 e stabilization EFVATIONS	Pumo Rate Pumo Rate Williamin.) 100 100 100 100 100 100 100 100 100 1	2.1 Fotal Gailons Removed 6 9.12 9.34 9.49 9.62 4.75 9.88 1.01 1.14 1.37 1.39 1.52 1.62 1.62 1.62 1.62 1.62	Water Lavel int ffCt 4.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03	8.60 8.41 8.37 8.45 8.39 8.36 8.36 8.43 8.43	556 MPS Sumples collect 556 MPS 27 37 37 4.67 6.72 6.72 6.73 6.72 6.73 6.72 6.73 6.72 6.73 6.72 6.73 6.72 6.73 6.72 6.73 6.72 6.73 6.72	# 1908 # 908 # 908 # 914 # 918 # 918 # 921 # 924 # 925 # 926 #	Furnished in each Some Su	S.S. CH ZIO (mg/l) 110°1." ————————————————————————————————————	Pump CRP [MV) [10 mV] [166.7 [466.7 [45.9 [132.1 [122.9 [13.7 [147.7
Old Clid	Time 2:59 13:06 13:25 13:36 13:50 13:55 14:00 e stabilization establishment 13:50	Pumo Rate Micimin.) /// // // // // // // // // // // //	2.1 Fotal Gailons Removed 6.13 0.34 0.49 0.62 1.01 1.14 1.37 1.39 1.62 Third paramete	Water Lavel int ffCt 4.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03	8.60 8.41 8.37 8.45 8.39 8.36 8.36 8.43 8.43	556 MPS Sumples collect 556 MPS 27 37 37 4.67 6.72 6.72 6.73 6.72 6.73 6.72 6.73 6.72 6.73 6.72 6.73 6.72 6.73 6.72 6.73 6.72 6.73 6.72	# 1908 # 908 # 908 # 914 # 918 # 918 # 921 # 924 # 925 # 926 #	Furnished in each Some Su	S.S. CH 210 (mg/l) 10°4," ———————————————————————————————————	Pump CRP [MV) [10 mV] [166.7 [466.7 [45.9 [132.1 [122.9 [13.7 [147.7
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Old Clid	Time 2:59 13:06 13:75 13:30 13:35 13:50 13:55 14:00 e stabilization e stabi	Purvo Rater Guality M Purvo Rate Wildmin.) 100 100 100 100 100 100 100 1	2.1 Fotal Gailons Removed 6.13 0.34 0.49 0.62 1.01 1.14 1.37 1.39 1.62 Third paramete	Water Lavel int ffCt 4.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03	8.60 8.41 8.37 8.45 8.39 8.36 8.36 8.43 8.43	556 MPS Sumples collect 556 MPS 27 37 37 4.67 6.72 6.72 6.73 6.72 6.73 6.72 6.73 6.72 6.73 6.72 6.73 6.72 6.73 6.72 6.73 6.72 6.73 6.72	# 1908 # 908 # 908 # 914 # 918 # 918 # 921 # 924 # 925 # 926 #	Furnished in each Some Su	S.S. CH 210 (mg/l) 10°4," ———————————————————————————————————	Pump CRP [MV) [10 mV] [166.7 [466.7 [45.9 [132.1 [122.9 [13.7 [147.7
Old Clid	Time 2:59 13:06 13:25 13:36 13:50 13:55 14:00 e stabilization EFFVATIONS 0 000 Due	Pumo Rate Williams /// // // // // // // // // // // //	2.1 Fotal Gailons Removed 6.13 0.34 0.49 0.62 1.01 1.14 1.37 1.39 1.62 Third paramete	Water Lavel int ffCt 4.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03 14.03	8.60 8.41 8.37 8.45 8.39 8.36 8.36 8.43 8.43	556 MPS Sumples collect 556 MPS 27 37 37 4.67 6.72 6.72 6.73 6.72 6.73 6.72 6.73 6.72 6.73 6.72 6.73 6.72 6.73 6.72 6.73 6.72 6.73 6.72	# 1908 # 908 # 908 # 914 # 918 # 918 # 921 # 924 # 925 # 926 #	Furnished in each Some Su	S.S. CH 210 (mg/l) 10°4," ———————————————————————————————————	Pump CRP [MV) [10 mV]* 1 70.4 166.7 161.5 153.2 145.9 132.1 122.9 113.7 104.7 93.6 pantro

GROUNDWATER SAMPLING FIELD LOG EZSC-24 Sampling Personnel Cate P1D Background (ppm) Neather Weil Headspace (ppm) Sample Time WELL INFORMATION Sample ID Reference Point Marked? Y N Cupilcate IO Mess, From Height of Reference Point MSMSD Wes Clameter Split Sample ID Meas, From Screen interval Depth Meas, From Water Table Cepth Analytical Parameters: Meas, From 'Well Depth VCC; |Std. list) Length of Water Calumn VCCs (Exp.list) Volume of 'Water in Wed SVCC Meas, From intaxe Copth of pump/tubing ___ acas (Tuest) PCBs (Cissolved) Ferenca Point Identification: Melatsrinorg, (Total) TC. Too of hiner (PYC), casing 'Aecals/Indrg. (Cissolved) TCC, foo of outer (protective) casing ₽CCC¤PCCF1 Grade 8GS. Grading Surface SEE PAGE PHEUMERO Matural Attenuation Redevelop7 Y Cther (Sugary) EVACUATION INFORMATION Ama Start Time Blauder Phano ! 1 Enacuaren Mirihou Harrer () , Pump Clop Time Quamersiale Pitino | | CheriSpecify | | Professional Printer Simules of Planoung Sump Type. /ciume of water removed Sumplies collected by same inelfied as evacuation? (Mischolly) Did well go any? Y N Water Coality Meier Type(s) / Senai Numbers CRP 00 So. Cana. 1 **Furnidity** Water fema. Pump (mV) (UTV) (mS/cm) Level (Carcius) Gaillons Tierrae Rate TVm: D11 3*11 10% or 1 APUT 110".7 IT TO O Transiti (Limin.) .49 85.9 0. 928 0.41 6.74 14.03 14:03 6700 8.60 .71 0.928 .03 14:06 100 14.03 6. 928 65,0 6.69 1.81 7000 14:09 100 933 8.47 50.4 14.03 6 1 88 14:11 7300 100 40.8 6.33 14:14 4,96 14.03 8.43 08. 7600 100 39.0 6. 935 8.42 14.03 2.04 14:17 7900 100 14.03 8200 100 The stabilization caleria for each field parameter (three consecutive readings collected at 3- to \$-minute intervals) is lighted in each column heading. Readings 14:03 CBSERVATIONS/SAMPLING METHOD DEVIATIONS SAMPLE DESTINATION Laboratory, Cesivered Vita: Field Sampling Coordinator: Airbill #:

ital

ML<.

Well N	lo. ES	2-02A			Site/GMA Nan	ne GW	141		
Key				Sa	mpling Personn	-	44.4		
PID	Background (pp	im) C	5	1170	Da		1104		
	Headspace (pp	10 10 10			Weath	The state of the s	Cloud	u .	
							,)	-
WELL INF	ORMATION						Sample Tin	ne 162	5
Refer	ence Point Marke	ed? (Y) N			90		Sample	D EST	1-02A
Heigh	t of Reference Po	oint -0.6	Meas, From	Groun	d_		Duplicate	D —	
	Well Diame	eter 2"		* 10 AND AND 16 A			MS/MS	30 -	
Sc	reen Interval De		Meas. From	BGS			Split Sample I	0	
	Water Table Dep	pth 4.51%	5,5 Meas. From	TIC					
	Well Dep		Meas. From	TIC		Required	Analytical	Parameters:	Collected
200,007	th of Water Colum	7	_ o			()	VOCs	(Std. list)	()
	ne of Water in W	1 7	The state of the second second second			()		(Exp.fist)	f 1
Intake De	pth of pump/tubi	ng [1.0	Meas. From	TIC	_	()		/OCs	()
						()		(Total)	()
	oint Identification					()		Dissolved)	()
	Inner (PVC) casi					()		org. (Totai)	()
	f outer (protective					()		(Dissolved)	1 1
Grade/BGS:	Ground Surface					t)	***************************************	s/PCDFs	()
Redevelop?	· (a)					100		/Herb	5 7
Redevelop	1 (4)							Menuation	()
EVACUATIO	N INFORMATIO	M				X		Specify)	-
LYNGONIIG	Pump Start Time	1000					CADNIL	IE-ML	TEKED
	Pump Stop Time	1100	_		Evacuation Me	ethod: Bailer	/ \ Disadder I	Pump (X)	
Minutes of P		78	_		Penstaltic Pun		ubmersible Pump	9 10 10 100	her/Specify ()
	ster removed.	1.98	-		Pump Type:	The literal bound of the	ACUK SUST	100101-ma	ser/specify ()
Did well go di	/)	1,48	-		- 15 12 10 10 10 10 10 10 10 10 10 10 10 10 10		ethod as evacuatio		specify)
	Water Quality	Meter Type(s) / S	Senal Numbers.	HACH	Turbid	meter	021000	28329	
				YSI	356	030146			
	Pump	Total	Water	Temp.	рН	Sp. Cond.	Turbidity	00	ORP
Time	Rate	Gallons	Level	(Celcius)		(mS/cm)	(NTU)	(mg/l)	(mV)
	(Umin.)	Removed	(ft TIC)	[3%]*	[0.1 units]*	[3%]*	[10% or 1 NTU]*	[10%]"	[10 mV]*
1512	0.150	-	5.03	_			27		
1520	.100	0.2416	5,20	-	-	-	15	~	_
1532	0.100	0.5291	5.20	7.74	4.52	0.423	7	5.01	1-340.7
1537	0.100	0. 4412	5,20	7,71	6,44	0.424	5	1.40	-384.5
1542	0.100	0.7935	5.20	7.67	6.40	0,425	8	0.88	-376.4
1547	01100	0.9256	5.20	7.64	6.39	0.427	5	0.83	-375.9
1552	0, 100	1.051	5,20	7.70	6.40	0,428	6	0.44	-352.9
1557	0,100	1.183	5.25	7.77	6.39	0.430	5	0.53	-402.7
1601	0.100	1.289	5,25	7.82	4.41	0.434	6	0,47	-384.0
1605	0,100	1.395	5,25	7.81	6.41	0,439	5	0,46	40360
1600	0.100	1.501	5,25	7.77	6,42	0.444	5	0,44	-34411
1613	0.100	1.607	5.25	7,49	6.42	0.449	4	0.52	-386,3
			er (three consec	utive readings of	collected at 3- to	5-minute interva	als) is listed in each		
		METHOD DEVIA	TIONS	NITTAL	PURGE:	CLEAR.	COLORLE	35 ORG	ANIC
12-13-14	5, 000 0	DOR				4.5			
INN H	IRGE - G	EX CLEAR	COLORE	ESS, SON	DE ORGAN	UK DEB	RIC		
AMPLE DEST		¥							
Laboratory:	SG) F	WADNINER	MA/				1.	//	<:
	Cour						//	///	
Airbill #:					Fleid Sampling (Coordinator:	the f	1	
							17/1/1/1/1		

Weil No. Key No	-	2-02A		- 824	Site/GMA Nan	real beautiful to the same	46			-
		. 0		- 001	Da	1 11	104			
	ckground (ppm leadspace (ppm				Weath			udy		
				-8		0		11.7	5	
WELL INFOR		~					Sample Tim	-		
	nce Point Marked	0.	Marie Com	Graine	_0		Sample il		-0ZA	
Height o	of Reference Poir		Meas. From	Oround	X.		Ouplicate II MS/MS		_	-
Case	Welf Diamete en Interval Dept	2 10 /	Meas, From	BGS			Split Sample II		_	
	vater Table Dept	7 -1	Meas, From	TIC			Opin Gampie s			
**	Well Dept	17 46	Meas, From	TIC		Required	Analytical	Parameters:	Coll	ected
Length	of Water Column					()		(Std. list)	- ()
100 C	e of Water in We		l			()	VOCs	(Exp.list)	(1
Intake Depl	th of pump/tubing	11.0	Meas, From	TIC	_	()	SV	QCs .	()
						()	PC8s	(Total)	4	1
Reference Po	int Identification:					()	PC8s (D	issolved)	t)
TC: Top of In	ner (PVC) casin	9				()		org. (Total)	- ()
	outer (protective)	casing				t 1	Metals/Inorg)
Grade/BGS: 0	Ground Surface					()		/PCDFs	1	1
	0					()		Herb	1	1
ledevelop?	YN					()	Natural A			,
	INFORMATION					X	CYAN (DE- Fit	×	.)
olume of wate	er removed	1630 78 1.98			Peristallic Pur Pump Type:	Marsol		em 1	er/Specify	()
folume of wate lid well go dry	er removed	778 1.98	enal Numbers.	HACH.	Pump Type: Samples colle Turbid	Marsch cted by same m	ubmersible Pump (balk Sysh ethod as evacuation OZ 1 000	em 1 n? (Y) N(s)	pecify)	()
olume of wate lid well go dry	er removed ? Y N Water Quality M	78 1.98 leler Type(s) / S		YSI S	Pump Type: Samples colle Turbid	Marsch cted by same m meter 03C141	ubmersible Pump (halk Sysh elhod as evacuation OZ 1 0 0 0	em 1 107 (V) NIS	pecify)	()
olume of wate	er removed 7 Y N Water Quality M	78 1-98 leler Type(s)/S	Water	YSS 4	Pump Type: Samples colle Turbid	Marsch cted by same m meter O3C141 Sp. Cond.	obmersible Pump (ALK SYSH elhod as evacuation OZ 1 0 0 0 Turbidity	em 1 102 (V) N/s	pecify)	
olume of wate id well go dry	er removed ? Y N Water Quality M Pump Rate	78 1-98 leler Type(s)/S Total Gallons	Water Level	YSS (Temp. (Celcius)	Pumo Type: Samples colle Turbid 556 pH	Marsch cted by same m meter O3C141 Sp. Cond. (mS/cm)	OZ 1 OOC Turbidity (NTU)	DO (mg/l)	QR (m)	7)
olume of wate id well go dry Time	Pump Rate (Umin.)	78 1-98 leler Type(s)/S Total Gallons Removed	Water Level (ft TIC)	YSS (Temp. (Celcius)	Pumo Type: Samples colle Turbid 554 pH [0 units]*	Marsch cted by same m meter O3C141 Sp. Cond. (mS/cm) [3%]*	OZ 1 OOC Turbidity [10% or 1 NTU]*	DO (mg/l) [10%]	QR (m)	n ')*
olume of waterid well go dry	Pump Rate (Umin.)	78 1-98 leter Type(s)/S Total Gallons Removed	Water Level (ft TIC)	YSS (Temp. (Celcius)	Pumo Type: Samples colle Turbid 556 pH [0 units]*	Marsch cted by same m moter O3C141 Sp. Cond. (mS/cm) [3%]* 0.455	OZ 1 OOC Turbidity (NTU)	DO (mg/l) [10%]	QR (m)	m-
olume of water id well go dry	Pump Rate (Umin.)	78 1-98 leier Type(s)/S Total Gallons Removed	Water Level (ft TIC)	YSS (Temp. (Celcius) (3%)*	Pumo Type: Samples colle Turbid 554 pH [0 units]*	Marsch cted by same m meter O3C141 Sp. Cond. (mS/cm) [3%]*	OZ 1 OOC Turbidity [10% or 1 NTU]*	DO (mg/l) [10%]	9 OR (m) [10 m	1 vi-
Time	Pump Rate (Umin.)	Total Gallons Removed	Water Level (ft TIC) 5, 25	YSS (Temp. (Celcius) 3% * 7.72 7.74	Pumo Type: Samples colle Turbid 554 pH [0 units]*	Marsch cted by same m moter O3C141 Sp. Cond. (mS/cm) [3*5]* O.455 O.459	OZ 1 OOC Turbidity [10% or 1 NTU]*	DO (mg/l) (10%)*	OR (m) [10 m] - 394	1 vi-
olume of watering of the second of the secon	Pump Rate (Umin.)	Total Gallons Removed	Water Level (ft TIC) 5, 25	YSS (Temp. (Celcius) 3% * 7.72 7.74	Pumo Type: Samples colle Turbid 554 pH [0 units]*	Marsch cted by same m moter O3C141 Sp. Cond. (mS/cm) [3*5]* O.455 O.459	OZ 1 OOC Turbidity [10% or 1 NTU]*	DO (mg/l) (10%)*	OR (m) [10 m] - 394	1 vi-
olume of watering of the second of the secon	Pump Rate (Umin.)	Total Gallons Removed	Water Level (ft TIC) 5, 25	YSS (Temp. (Celcius) 3% * 7.72 7.74	Pumo Type: Samples colle Turbid 554 pH [0 units]*	Marsch cted by same m moter O3C141 Sp. Cond. (mS/cm) [3*5]* O.455 O.459	OZ 1 OOC Turbidity [10% or 1 NTU]*	DO (mg/l) (10%)*	OR (m) [10 m] - 394	1 vi-
olume of watering of the second of the secon	Pump Rate (Umin.)	Total Gallons Removed	Water Level (ft TIC) 5, 25	YSS (Temp. (Celcius) 3% * 7.72 7.74	Pumo Type: Samples colle Turbid 554 pH [0 units]*	Marsch cted by same m moter O3C141 Sp. Cond. (mS/cm) [3*5]* O.455 O.459	OZ 1 OOC Turbidity [10% or 1 NTU]*	DO (mg/l) (10%)*	OR (m) [10 m] - 394	1 vi-
Time	Pump Rate (Umin.) 0.100	78 1-98 leler Type(s)/S Total Gallons Removed 1. (0 1/27) 1. 7 (c 1/4)	Water Level (ft TIC) 5, 25 5, 25 5, 25	YSS (Temp. (Celcius) 3% * 7.72 7.74 7.76	Pump Type: Samples colle Turbid 554 pH [0 units]* 4.44 6.45	Marsch cted by same m meter O3C141 Sp. Cond. (mS/cm) [3*5]* O.455 O.459 O.465	obmersible Pump (Palic Syshelmod as evacuation OZ 1 OOC OI Turbidity (NTU) (10% or 1 NTU) O.455 5 G	DO (mg/l) (10%); O.47 O.43	OR (m) [10 m] - 394 - 39	1 vi-
Time	Pump Rate (Umin.) 0.100 0.100 on criteria for each	Total Gallons Removed 1. (0 17) 1. 7 (2 4) 1. 845	Water Level (ft TIC) 5, 25 5, 25 5, 25	YSS (Temp. (Celcius) 3% * 7.72 7.74 7.76	Pumo Type: Samples colle Turbid 554 pH [0 units]* 4.44 4.45	Marscheted by same moder O3C141 Sp. Cond. (mS/cm) [3*5]* 0.455 0.459 0.465	OZ 1 OOC Turbidity [10% or 1 NTU]*	DO (mg/l) (10%); O . 470	OR (m) [10 m - 39 - 39 - 30	7. 3
Time Glue Go dry Time	Pump Rate (Umin.) 0.100 0.100 0.100	Total Gallons Removed L. (0 & 7 L. 7 (4 4) L. 845	Water Level (ft TIC) 5.25 5.25 5.25 cer (three consecutions	YSS Temp. (Celcius) [3*s * 7.72 7.74 7.76	Pump Type: Samples colle Turbid 556 pH 10 1 units)* 6:43 6:44 6:45	Marscheted by same moder O3C141 Sp. Cond. (mS/cm) [3%]* 0.455 0.459 0.465	Deliver System (NTU) (NTU) (10% or 1 NTU) (0 455) 5 (0 455) 5	DO (mg/l) (10%); O . 470	OR (m) [10 m - 39 - 39 - 30	7. 3
Time Glue Go dry Time	Pump Rate (Umin.) 0.100 0.100 on criteria for each	Total Gallons Removed L. (0 & 7 L. 7 (4 4) L. 845	Water Level (ft TIC) 5.25 5.25 5.25 cer (three consecutions	YSS Temp. (Celcius) [3*s * 7.72 7.74 7.76	Pump Type: Samples colle Turbid 556 pH 10 1 units)* 6:43 6:44 6:45	Marscheted by same moder O3C141 Sp. Cond. (mS/cm) [3%]* 0.455 0.459 0.465	Deliver System (NTU) (NTU) (10% or 1 NTU) (0 455) 5 (0 455) 5	DO (mg/l) (10%); O . 470	OR (m) [10 m - 39 - 39 - 30	7. 4. 0 2. 6
Time Glue Go dry Time	Pump Rate (Umin.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed L. (0 & 7 L. 7 (4 4) L. 845	Water Level (ft TIC) 5.25 5.25 5.25 cer (three consecutions	YSS Temp. (Celcius) [3*s * 7.72 7.74 7.76	Pump Type: Samples colle Turbid 556 pH 10 1 units)* 6:43 6:44 6:45	Marscheted by same moder O3C141 Sp. Cond. (mS/cm) [3%]* 0.455 0.459 0.465	Deliver System (NTU) (NTU) (10% or 1 NTU) (0 455) 5 (0 455) 5	DO (mg/l) (10%); O . 470	OR (m) [10 m - 39 - 39 - 30	7. 3
Time Glue Go dry Time Glue Glue	Pump Rate (Umin.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed L. (0 1/2) L. 1. 1/2 4 L. 1. 1/2 4 C. C	Water Level (ft TIC) 5, 25 5, 25 5, 25 6r (three consections	YSS Temp. (Celcius) [3*s * 7.72 7.74 7.76	Pump Type: Samples colle Turbid 556 pH 10 1 units)* 6:43 6:44 6:45	Marscheted by same moder O3C141 Sp. Cond. (mS/cm) [3%]* 0.455 0.459 0.465	Deliver System (NTU) (NTU) (10% or 1 NTU) (0 455) 5 (0 455) 5	DO (mg/l) (10%); O . 470	OR (m) [10 m - 39 - 39 - 30	7. 3
Time Glue Go dry Time Glue Go dry Time Glue Go dry Action Go dry MPLE DESTIL Laboratory: _	Pump Rate (Umin.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed L. (0 1/2) L. 1/2 4 L. 1/2 4 L. 1/2 4 C. C	Water Level (ft TIC) 5, 25 5, 25 5, 25 7, 25 7, 25 7, 25 8, 25 8, 25	YSS Temp. (Celcius) [3*s * 7.72 7.74 7.76	Pump Type: Samples colle Turbid 556 pH 10 1 units)* 6:43 6:44 6:45	Marscheted by same moder O3C141 Sp. Cond. (mS/cm) [3%]* 0.455 0.459 0.465	Deliver System (NTU) (NTU) (10% or 1 NTU) (0 455) 5 (0 455) 5	DO (mg/l) (10%); O . 470	OR (m) [10 m - 39 - 39 - 30	7. 3

Weil No	ESA?	25-52			Site/GMA Nam				
Key N	0.	-		Sam	pling Personne	M KLB	JAP		
	ackground (pp	m) O			Dat	e 4/7/	04		
	leadspace (pp			_	Weathe	# 40° (CLOUDY		
		1/1						171.0	m
WELL INFO		0					Sample Tim		
Refere	nce Point Marke	The state of the s		0.62-52-5-50-107-03			Sample II		5-52
Height	of Reference Po		Meas, From	GROUND	2		Duplicate if		, ,
	Well Diame		ī	THE B	11		MS/MS		te a
	een Interval Dep		Meas, From	TIC	102		Split Sample II		
,	Water Table Dep Well Dep	and the state of t	Meas. From	TIC		Required	Analytical	Parameters:	Collected
Tall Control Care			meda. ricin	110	-	/ 1		(Std. list)	()
7.	of Water Colum		. 0			7 1		(Exp.list)	1 1
	e of Water in W		Meas. From	TIC		, ,		OCs .	, (
Intake Dep	oth of pump/tubi	ng []. ()	Meas. From	110	-	7 1		(Total)	
Deference Pr	oint Identification	-						lissolved)	()
	nner (PVC) casi					1 1		org. (Total)	1 1
		N				1 1	Metals/Inorg	11000	01 010
	outer (protective Ground Surface					()		/PCDFs	1 1
Gradero Go.	Ground Surface							Herb	
Onderedon 2	Y N					1 1	Natural A		
Redevelop?	1. 100					X		Specify)	1/1
CVACUATIO	U INECOMATIC	und.				, ~			12
	N INFORMATIO Pump Start Time						Cyanie	le - Fille	red
	Pump Stop Time	12 1			Evacuation Me	ethod: Bailer	1 Bladder P	Pump ()	
	100	86			Peristaltic Pun		ibmersible Pump (r/Specify ()
Minutes of Pt			0					0.00	100000000000000000000000000000000000000
Volume of wa Did well go dr	-	2,16852ga	7			Googus	ethod as evacuation	n? Ø Nisc	ecify)
	Water Quality	Meter Type(s) / Se	nai Numbers	HACH T		ster 0	21000283	329	
	Pump	Total	Water	Temp.	рН	Sp. Cond.	Turbidity	00	ORP
Time	Rate	Gallons	Level	(Celcius)		(mS/cm)	(NTU)	(mg/l)	(mV)
	(Umin.)	pRemoved	(ft TIC)	[3%]*	[0 † units]*	(3%)*	[10% or 1 NTU]*	[10%]*	[10 mV]*
11:47	0.125	+25mL	10.1				4		
11:55	0.125	0.2646	10.1	10.81	6.88	4.018	_3	3.41	-358 3
12:00	0.125	0.4299	10.1	11.01	7.62	4.128	2	1.41	-380.6
12:05	0.125	0.5952	10.1	11.17	7,06	4.151	2	P 55-0.6	-385.3
12:10	0.125	0.7605	10.1	11.06	7.07	4.166	2	0.45	-390.6
12:15	0.125	0.9258	10.1	11.08	7.08	4.160	2	0.35	-330-3
12:20	0.150	1.1242	10.1	11.12	7.07	4.164	2	0.32	-309.9
200		- C - 44	-	11.04	7.08	4.157	2	0.29	-319.9
12:24	0.125	1.2505	10.1	11:00	7.07	4.153	2	0.33	-333.0
12:23	0.125	1.3888	IC. I	10.97	7.07	4.150	2	0.32	-316.3
12.36	0.125	1.5211	10.1	10.90	7.07	4,145	2	0.30	-325.9
12:36	0.100	1.0270	10.1	10.83	7.07	4.0	7	0.31	-324.9
12:39	0.100	1.7328	10.1			4.144	- oka		
		ach field parameter		cutive readings o	offected at 3- to	5-minute interva	ils) is listed in each	corumn neadin	g. L
		METHOD DEVIAT	***************************************	Initice		e mate		nodera	<u></u>
petrole	um ce	tor, sligh	+ yello	wish Co	ICT, SC	me ach	ris logan	(2)	
«Λ1 /-		cumple							
10/1 h	120	CUMPLE	6116	1.0					
W/2/1		1							
AMPLE DEST		1							
	TINATION	1							
AMPLE DEST	TINATION	1							
	TINATION			r	Field Sampling	Coordinators			

	EDA	25-52	_		Site/GMA Nam	10 (-M	H.J.		
Key No		_		Sam	pling Personne	el KLB	JAP		
100 O.	ekground (ppr	m) 0			Dat	e 4/7	104		
	leadspace (ppr				Weathe	400,	Cloudy		
							J	12 .	-
WELL INFOR	RMATION	5					Sample Tim		
Referen	ce Point Marke	d7 (Y) N		2	1		Sample II		s-52
Height o	of Reference Po	int - 0.35	_ Meas. From	Crounc	1		Duplicate #		
	Well Diamet		_	0.0			MS/MS		cted
Scre	en Interval Dep	in 4.2-24.2	Meas. From	BG-5	-		Split Sample II		
V	Vater Table Dep		_ Meas, From	_TIC	_	N20200550			7/27/20
	Well Dep		_Meas. From	_TIC	-	Required		Parameters:	Collec
N 1 / N 20 / N 2	of Water Colum	The second secon	- 0			()		(Std. list)	(
	e of Water in We	- 12	-	TIC		()		(Exp.list)	(
Intake Dep	th of pump/tubir	ng	_Meas. From	110	_	()		OCs .	(
						()		(Total)	C
	int Identification					()	1,135,772 (1,777)	lissolved)	(
	ner (PVC) casii	-				()		org. (Total)	(
	outer (protective					()		(Dissolved)	ı
Grade/BGS: (Ground Surface					4)		/PCDFs	1.
	B					(1		/Herb	4
Redevelop?	A (M)					1 3		Itenuation	3
						(X)	Other (S	N 5502	X
EVACUATION	INFORMATIO						Cyanii	de-filt	tred
	² ump Start Time						100 2000000		
F	oump Stop Time	and the second second second			Evacuation Me			기가 있다. 하시 시하시다.	
Minutes of Pu	mping	86			Penstaltic Purr	no (X) Su	ubmersible Pump () Cth	er/Specify (
Adamson of and									
Volume of water Did well go dry	7 Y 🕅	2.4852	0	LiAcil	4		thod as evacuation		pecify)
	7 Y 🕅	2 (ψ8-3/2) Meler Type(s) / Se	0	HACH YSI S	Samples collect	cted by same me	ethod as evacuation		pecify)
	7 Y 🕅		0		Samples collect	meter	ethod as evacuation		ORP
	7 Y N Water Quality !	Meler Type(s) / Se	O enal Numbers,	YSI S	Samples collect	meter 0	OZ 1 COO 2	8329	
Did well go dry	Water Quality Pump	Meier Type(s) / Se Total Gallons Removed	Water Level (ft TIC)	YSL S Temp. (Cetcius) [3%]*	Turbicl Stp (pH [0 + units]*	one ter () Sc 146 Sp. Cond. (mS(cm) [3%)"	OZICCO 2 Turbidity	00 (mg/l) [10%]*	ORP (mV) [10 mV]
Did well go dry	Water Quality Pump Rate (Umin.)	Meier Type(s) / Se Total Gallons	Water Level	Y.SI S Temp. (Celcius) [3%]*	Turbicl Star pH [0 † units]*	meter of the member of the mem	Turbidity (NTU) [10% or 1 NTU]	00 (mg/l) [10%]*	ORP (mV)
Time 12:42	Water Quality Pump Rate (U/min.) Q: (OC	Meier Type(s) / Se Total Gallons Removed	Water Level (ft TIC)	V.SI S Temp. (Celcius) [3%]* 10.89	Turbicl Stp (pH [0 + units]*	me ter () 30 146 Sp. Cond. (mS(cm) [3%]* 4.137	Turbidity (NTU) [10% or 1 NTU]	00 (mg/l) [10%]* 0.36 0.33	ORP (mV) [10 mV] -3/4.
Time 12:42 12:45	Pump Rate (U/min.) Q: (OC D: 100	Meier Type(s) / Se Total Gallons Removed	Water Level (ft TIC)	YSL 5 Temp. (Celcius) 3% * 10.89 10.82	Turbicl Star pH [0 † units]*	me ter (1) 30 146 Sp. Cond. (mS(cm) [3%]* 4.137 4.137	Turbidity (NTU) (10% or 1 NTU) 3 2	00 (mg/l) [10%]* 0.36 0.33	ORP (mV) [10 mV] -3/4.5 -3/8.
Time 12.42 12.45 12.45 12.53	Pump Rate (L/min.) Q. (OC D. 100 Q. 100 Q. 100	Total Gallons Removed 1.8386 9.9799 2.0502	Water Level (ft TIC) 10.1 10.1	VSL 5 Temp. (Celcius) 3% * C.39 0,82 10.82 0.92	Turb.cl Turb.cl Turb.cl Turb.cl Turb.cl 70 1 units)* 7.07 7.07 7.04 7.07	me ter () 30 146 Sp. Cond. (mS(cm) [3%]* 4.137 4.137 4.137 4.130 4.126	Turbidity (NTU) [10% or 1 NTU]	00 (mg/l) [10%]* 0.36 0.33 0.32 0.33	ORP (mV) [10 mV] -3/4.5 -3/8.2.6
Time 12:42 12:45 12:45 12:53 12:50	Pump Rate (Umin.) Q. (OC D. 100 O. 100 C. 100	Total Gallons Removed 1.8386 9.9707 2.0502 2.1290	Water Level (ft TIC) 10.1 10.1 10.1	YSL 5 Temp. (Celcius) 3% * C. 39 10,82 10.92 10.92	Turbicl Turbicl 50 0 pH [0 † units]* 7.07 7.07 7.00 7.07 7.00	matter () 30 146 Sp. Cond. (mS(cm) [3%]* 4.137 4.137 4.130 4.126 4.126	Turbidity (NTU) [10% or 1 NTU] 2	00 (mg/l) [10%]* 0.36 0.33 0.32 0.33	ORP (mV) [10 mV] -3/4.5 -3/82.6 -3/77.
Time 12:42 12:45 12:45 12:53 12:50	Pump Rate (Umin.) Q. (OC D. 100 O. 100 C. 100	Total Gallons Removed 1.8386 9.9799 2.0502	Water Level (ft TIC) 10.1 10.1	YSL 5 Temp. (Celcius) 3% * C. 39 10,82 10.92 10.92	Turb.cl Turb.cl Turb.cl Turb.cl Turb.cl 70 1 units)* 7.07 7.07 7.04 7.07	me ter () 30 146 Sp. Cond. (mS(cm) [3%]* 4.137 4.137 4.137 4.130 4.126	Turbidity (NTU) [10% or 1 NTU] 2	00 (mg/l) [10%]* 0.36 0.33 0.32 0.33	ORP (mV) [10 mV] -3/4.5 -3/8.2.6
Time 12:42 12:45 12:45 12:53 12:50	Pump Rate (Umin.) Q. (OC D. 100 O. 100 C. 100	Total Gallons Removed 1.8386 9.9707 2.0502 2.1290	Water Level (ft TIC) 10.1 10.1 10.1	YSL 5 Temp. (Celcius) 3% * C. 39 10,82 10.92 10.92	Turbicl Turbicl 50 0 pH [0 † units]* 7.07 7.07 7.00 7.07 7.00	matter () 30 146 Sp. Cond. (mS(cm) [3%]* 4.137 4.137 4.130 4.126 4.126	Turbidity (NTU) [10% or 1 NTU] 2	00 (mg/l) [10%]* 0.36 0.33 0.32 0.33	ORP (mV) [10 mV] -3/4.5 -3/82.6 -3/77.
Time 12:42 12:45 12:45 12:53 12:50	Pump Rate (Umin.) Q. (OC D. 100 O. 100 C. 100	Total Gallons Removed 1.8386 9.9707 2.0502 2.1290	Water Level (ft TIC) 10.1 10.1 10.1	YSL 5 Temp. (Celcius) 3% * C. 39 10,82 10.92 10.92	Turbicl Turbicl 50 0 pH [0 † units]* 7.07 7.07 7.00 7.07 7.00	matter () 30 146 Sp. Cond. (mS(cm) [3%]* 4.137 4.137 4.130 4.126 4.126	Turbidity (NTU) [10% or 1 NTU] 2	00 (mg/l) [10%]* 0.36 0.33 0.32 0.33	ORP (mV) [10 mV] -3/4.5 -3/82.6 -3/77.
Time 12:42 12:45 12:45 12:53 12:50	Pump Rate (Umin.) Q. (OC D. 100 O. 100 C. 100	Total Gallons Removed 1.8386 9.9707 2.0502 2.1290	Water Level (ft TIC) 10.1 10.1 10.1	YSL 5 Temp. (Celcius) 3% * C. 39 10,82 10.92 10.92	Turbicl Turbicl 50 0 pH [0 † units]* 7.07 7.07 7.00 7.07 7.00	matter () 30 146 Sp. Cond. (mS(cm) [3%]* 4.137 4.137 4.130 4.126 4.126	Turbidity (NTU) [10% or 1 NTU] 2	00 (mg/l) [10%]* 0.36 0.33 0.32 0.33	ORP (mV) [10 mV] -3/4.5 -3/82.6 -3/77.
Time 12:42 12:45 12:45 12:53 12:59	Pump Rate (L/min.) Q.100 0.100 0.100 0.100 0.100	Total Gallons Removed 1.8386 59.99.99 2.0502 2.1290 2.2090 2.2399	Water Level (ft TIC) 10.1 10.1 10.1 10.1 10.1	YSS 5 Temp. (Cetcius) [3%]* 10.89 10.82 10.92 10.92 10.92	Turbicl Stp (pH [0 * units]* 7.07 7.07 7.00 7.07 7.00 7.00	matter (1) 3°C 14°C (mS/cm) [3%]" 4.137 4.137 4.130 4.124	Turbidity (NTU) (10% or 1 NTU) 2 2 2 1	00 (mg/l) [10%]* 0.30 0.33 0.32 0.33 0.33 0.33	ORP (mV) [10 mV] -31 %. -382. -377. -378.
Time 12:42 12:45 12:45 12:53 12:59	Pump Rate (L/min.) Q.100 0.100 0.100 0.100 0.100	Total Gallons Removed 1.8386 59.99.99 2.0502 2.1290 2.2090 2.2399	Water Level (ft TIC) 10.1 10.1 10.1 10.1 10.1	YSS 5 Temp. (Cetcius) [3%]* 10.89 10.82 10.92 10.92 10.92	Turbicl Stp (pH [0 * units]* 7.07 7.07 7.00 7.07 7.00 7.00	matter (1) 3°C 14°C (mS/cm) [3%]" 4.137 4.137 4.130 4.124	Turbidity (NTU) (10% or 1 NTU) 2 2 2 1	00 (mg/l) [10%]* 0.30 0.33 0.32 0.33 0.33 0.33	ORP (mV) [10 mV] -31 %. -382. -377. -378.
Time 12:42 12:45 12:45 12:53 12:59	Pump Rate (L/min.) Q.100 0.100 0.100 0.100 0.100	Total Gallons Removed 1.8386 59.99.99 2.0502 2.1290 2.2090 2.2399	Water Level (ft TIC) 10.1 10.1 10.1 10.1 10.1	YSS 5 Temp. (Cetcius) [3%]* 10.89 10.82 10.92 10.92 10.92	Turbicl Stp (pH [0 * units]* 7.07 7.07 7.00 7.07 7.00 7.00	matter (1) 3°C 14°C (mS/cm) [3%]" 4.137 4.137 4.130 4.124	Turbidity (NTU) (10% or 1 NTU) 2 2 2 1	00 (mg/l) [10%]* 0.30 0.33 0.32 0.33 0.33 0.33	ORP (mV) [10 mV] -31 %. -382. -377. -378.
Time 12:42 12:45 12:45 12:53 12:59	Pump Rate (L/min.) Q.100 0.100 0.100 0.100 0.100	Total Gallons Removed 1.8386 59.99.99 2.0502 2.1290 2.2090 2.2399	Water Level (ft TIC) 10.1 10.1 10.1 10.1 10.1	YSS 5 Temp. (Cetcius) [3%]* 10.89 10.82 10.92 10.92 10.92	Turbicl Stp (pH [0 * units]* 7.07 7.07 7.00 7.07 7.00 7.00	matter (1) 3°C 14°C (mS/cm) [3%]" 4.137 4.137 4.130 4.124	Turbidity (NTU) (10% or 1 NTU) 2 2 2 1	00 (mg/l) [10%]* 0.30 0.33 0.32 0.33 0.33 0.33	ORP (mV) [10 mV] -31 %. -382. -377. -378.
Time 12:42 12:45 12:45 12:53 12:59	Pump Rate (L/min.) Q.100 0.100 0.100 0.100 0.100	Total Gallons Removed 1.8386 59.99.99 2.0502 2.1290 2.2090 2.2399	Water Level (ft TIC) 10.1 10.1 10.1 10.1 10.1	YSS 5 Temp. (Cetcius) [3%]* 10.89 10.82 10.92 10.92 10.92	Turbicl Stp (pH [0 * units]* 7.07 7.07 7.00 7.07 7.00 7.00	matter (1) 3°C 14°C (mS/cm) [3%]" 4.137 4.137 4.130 4.124	Turbidity (NTU) (10% or 1 NTU) 2 2 2 1	00 (mg/l) [10%]* 0.30 0.33 0.32 0.33 0.33 0.33	ORP (mV) [10 mV] -31 %. -382. -377. -378.
Time 12:42 12:45 12:45 12:53 12:59	Pump Rate (L/min.) Q.100 0.100 0.100 0.100 0.100	Total Gallons Removed 1.8386 59.99.99 2.0502 2.1290 2.2090 2.2399	Water Level (ft TIC) 10.1 10.1 10.1 10.1 10.1	YSS 5 Temp. (Cetcius) [3%]* 10.89 10.82 10.92 10.92 10.92	Turbicl Stp (pH [0 * units]* 7.07 7.07 7.00 7.07 7.00 7.00	matter (1) 3°C 14°C (mS/cm) [3%]" 4.137 4.137 4.130 4.124	Turbidity (NTU) (10% or 1 NTU) 2 2 2 1	00 (mg/l) [10%]* 0.30 0.33 0.32 0.33 0.33 0.33	ORP (mV) [10 mV] -31 %. -382. -377. -378.
Time 12:42 12:45 12:45 12:53 12:59	Water Quality Pump Rate (Umin.) Q. (OO D. (OO D. (OO O. (OO O. (OO O. (OO O. (OO) O. (Total Gallons Removed 1.8386 59.99.99 2.0502 2.1290 2.2090 2.2399	Water Level (ft TIC) 10.1 10.1 10.1 10.1 10.1	YSS 5 Temp. (Cetcius) [3%]* 10.89 10.82 10.92 10.92 10.92	Turbicl Stp (pH [0 * units]* 7.07 7.07 7.00 7.07 7.00 7.00	matter (1) 3°C 14°C (mS/cm) [3%]" 4.137 4.137 4.130 4.124	Turbidity (NTU) [10% or 1 NTU] 3 2 2 1	00 (mg/l) [10%]* 0.30 0.33 0.32 0.33 0.33 0.33	ORP (mV) [10 mV] -31 %. -382. -377. -378.
Time 12:42 12:45 12:45 12:53 12:59 The stabilization OBSERVATION CACCO	Water Quality Pump Rate (U/min.) Q.100 Q.100 Q.100 Q.100 Q.100 Q.100 Q.100 Matteria for easis/SAMPLING Pump	Total Gallons Removed 1.8386 59.97.09 2.0502 2.12910 2.2090 2.2889 ch field paramete METHOD DEVIAT	water Level (ft TIC) 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.	YSS 5 Temp. (Cetcius) [3%]* 10.89 10.82 10.92 10.92 10.92	Turbicl Stp (pH [0 * units]* 7.07 7.07 7.00 7.07 7.00 7.00	mater () 300 146 Sp. Cond. (mS(cm) [3%]* 4.137 4.137 4.130 4.126 4.124	Turbidity (NTU) (10% or 1 NTU) 2 2 2 1	00 (mg/l) [10%]* 0.30 0.33 0.32 0.33 0.33 0.33	ORP (mV) [10 mV] -31 %. -382. -377. -378.
Time 12:42 12:45 12:45 12:53 12:50 12:59 The stabilization OBSERVATION COLOR SAMPLE DESTI Laboratory:	Water Quality Pump Rate (L/min.) Q. (OO D. (OO O. (Total Gallons Removed 1.8386 59.99.99 2.0502 2.1290 2.2090 2.2399	Water Level (ft TIC) 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.	YSS 5 Temp. (Cetcius) [3%]* 10.89 10.82 10.92 10.92 10.92	Turbicl Stp (pH [0 * units]* 7.07 7.07 7.00 7.07 7.00 7.00	mater () 300 146 Sp. Cond. (mS(cm) [3%]* 4.137 4.137 4.130 4.126 4.124	Turbidity (NTU) (10% or 1 NTU) 2 2 2 1	00 (mg/l) [10%]* 0.30 0.33 0.32 0.33 0.33 0.33	ORP (mV) [10 mV] -31 %. -382. -377. -378.

Meas, From Meas, From Meas, From Meas, From Meas, From	AG) BGJ TIC	mpiling Personn Da Weath	te 4/7/6	Sample Tim Sample & Duplicate If MS/MS Split Sample ID	O GMA) Parameters:	
Meas, From Meas, From Meas, From	B63 776 776		er Chury	Sample Tim Sample 8 Duplicate If MS/MS Split Sample IC	O GMA) O Parameters:	
Meas, From Meas, From Meas, From	B63 776 776	Weath	,	Sample Tim Sample il Duplicate Il MS/MS Split Sample II Analytical	O GMA) O Parameters:	
Meas, From Meas, From Meas, From	B63 776 776		Required [}	Sample il Duplicate il MS/MS Split Sample il Analytical	O GMA) O Parameters:	
Meas, From Meas, From Meas, From	B63 776 776	_	Required	Sample il Duplicate il MS/MS Split Sample il Analytical	O GMA) O Parameters:	
Meas, From Meas, From Meas, From	B63 776 776		Required	Duplicate II MS/MS Split Sample II Analytical	D Parameters:	-13
Meas, From Meas, From Meas, From	B63 776 776		Required	MS/MS Split Sample II Analytical	D Parameters:	
Meas. From Meas. From	TIC		Required	Split Sample II Analytical	Parameters:	
Meas. From Meas. From	TIC		Required	Analytical	Parameters:	
Meas. From	TIC	_	Required ()	4100		
- - -		_	()	4100		Callecte
	ЛĽ	_	()		Stal list)	(
	JI €	_		VOCs	(Exp.list)	6
-			1 5	sv	OCs .	()
			()	PC3s	(Total)	1 1
			(~)	PCBs (D	issolved)	4)
			()	Metals/Inc	org. (Total)	1 1
			1 1	Metais/Inorg.	(Dissolved)	4 1
			0. 1	PCDDs	/PCDFs	28 8
			f 3	Pest	Herb	4 1
			()	Natural A	ttenuation	()
			()	Other (S	Specify)	()
		Evacuation M	ethod; Bailer	() Bladder P	'umpar)	
2		Penstaltic Pun	np() S	ubmersible Pump () Dithe	er/Specify (
15		Pump Type:				
sinai riginiscia.	75.000	1603	7 2 30 M) HARCH CIC	AT IMPO	1319
Water	Temp.	ρН	Sp. Cond.	Turbidity	DO	ORP
Level	(Celcius)		(mS/cm)		(mg/l)	(mV)
	[3,4],	[0.1 units]*	[3,2],	110% or 1 NTUT		
16.45		_			(10%)	(10 mV)*
			-	112	(10%).	
16.45))Z 53	(10%)	
16.45		=	\equiv))Z 53 37	(10%)	(10 mV)*
16.45	8,00	6.46	.613))Z 53 37 34	= 4.54	(10 mV)*
16.45	8.05	644	0.673))Z 53 37 34 33	454	292.3 292.7
16.45 16.45 16.45	8.05 7.98	6.40	0.673))2 53 37 34 33 31	4.54 4.32 4.19	292.3 292.7 291.2
16.45	8.05 7.98 7.99	6.40	0.673))2 53 37 34 33 31 23	4.54 4.32 4.19 3.99	292.3 292.7 291.2 284.1
16.45 16.45 16.45 16.45 16.45	8.05 7.98 7.99 7.94	6.50	0.673 0.674 0.680 0.688))2 53 37 34 33 31 23 23	4.54 4.32 4.19 3.99 3.81	292-3 292-7 291-2 284.1 280 6
16.45 16.45 16.45 16.45 16.45 16.45 16.45	8.05 7.98 7.99 7.94 8.17	6.49 6.40 6.51 6.50	0.673 0.676 0.680 0.683 0.692))2 53 37 34 33 31 23 23 22	4.54 4.32 4.19 3.99 3.87 3.64	292-3 292-7 291-7 291-7 284-1 280-6 276-7
16.45 16.45 16.45 16.45 16.45	8.05 7.98 7.99 7.94	6.50	0.673 0.674 0.680 0.688))2 53 37 34 33 31 23 23	4.54 4.32 4.19 3.99 3.81	292-3 292-7 291-2 284.1 280 6
	Water Level (ft TIC)	water Temp. Level (Celcius) (ft ПС) [3*4]*	Penstaltic Pur Pump Type: Samples colle erial Numbers: X3 550 44 (0.3 MC) Water Temp. pH Level (Calcius) (ft TIC) [3°4]* (0.1 units)*	Penstaltic Pump () Si Pump Type: Samples collected by same me enal Numbers: X3 550 + (03M0 230 AC) Water Temp, pH Sp. Cond. Level (Celcius) (mS/cm)	Evacuation Method: Bailer () Bladder P Penstaltic Pump () Submersible Pump (Pump Type: Samples collected by same method as evacuation enal Numbers: \$\sim_{0.500} \frac{1}{300} \frac{230}{300} \frac{1}{300} \fr	Evacuation Method: Bailer () Bladder Pump () Penstaltic Pump () Submersible Pump () Dithe Pump Type: Samples collected by same method as evacuation? () N(s) Pump Type: Samples collected by same method as evacuation? () N(s) Pump Type: Samples collected by Same method as evacuation? () N(s) Pump Type: Samples Collected by Same method as evacuation? () N(s) Pump Type: Samples Collected by Same method as evacuation? () N(s) Pump Type: Samples Collected by Same method as evacuation? () N(s)

Well No	. HR-	GI-MW	-3		Site/GMA Name	e	MAI.		
Key N	0.	F-V-37		Sam	npiling Personne	KLE	SJAP		28
2000	ackground (ppr)		Date	4/8	104		
	Headspace (ppr		5		Weather		Sunny , po	ertigo	loudy
				- 24			2.7	J	9
WELL INFO	RMATION	-					Sample Time	1400	
Refere	nce Point Marke	d? (Y) N					Sample IC	HR-G	1-MW-
Height	of Reference Po	int 1.8	Meas. From	Ground	<u> </u>		Ouplicate IC		
	Well Dlame	- 10					MS/MSI	00	
Sc	een Interval Dep		Meas, From	JETIC	B65		Split Sample IC		
-	Water Table Dep	7.03	Meas. From	TIC					
	Well Dep	on 17.95	_Meas. From	_TIC		Required	Analytical I	Parameters:	Collected
Lengt	h of Water Colum	nn 10.92				£ 1	VOCs (Std. list)	1 1
Volum	ne of Water in We	el 1.78 A	al	-		1 3		(Exp.list)	9 9
Intake De	pth of pump/tubir	ng 13.5	_Meas. From	10		()		OCs .	1)
						£ 1	PCBs		1. 1
elerence P	oint Identification	1;				1)	1.00	issolved)	3 3
IC. Top of	nner (PVC) casi	ng				1:)		eg. (Total)	+ 3
OC: Top of	guter (protective	e) casing				1 1	Metals/Inorg		
rade/BGS:	Ground Surface					1		/PCDFs	- 4
	\cap					1 1	Pest/ Natural A		3.3
edevelop?	Y					· V .	Other (5		./
						1			× ,
VACUATIO	N INFORMATIO Pump Start Time	1255				Cy	anide - F	illered	V.
d well go di		Meier Type(s) / S	anal Numbers	HACH			O2 (OOO2		(pecify)
	water Quality	wieler sypersys o	Guar Admicera	YSI	556	0301			
STORY INC	Pump	Total	Water	Temp.	рн	Sp. Cand.	Turbidity	DO	CRP
Time	Rate	Gallons	Level	(Celcius)		(mS/cm)	(NTU)	(mg/l)	(mV)
	(Umin.)	Removed	(ft TIC)	(3*%)	10 1 units1"	(3%)*	[10% or 1 NTU]*	(10%)	1 [10 mV]*
258	0:125	-	7.01	1 -	_	-	129	~	1-
1303	0,100	0.1323	7.01		1 -		17	_	-
1313	0.100	0.3969	7.01	12.07	6.90	1.121	17	3.30	-399,9
318	0,100	0.5292	7.01	11.81	6.84	1.119	31	1.88	-380.0
323	0.100	0.6615	7.01	11.23	.84	1.123	20	1,45	- 356.0
328	0.100	0.7938	7.01	10.76	6.86	1,121	13	1.27	- 350.8
333	0.100	0.4261	7.01	10.25	6.87	1.118	1.1	11.7	1347.6
1338	0.100	1.058	7,01	10,02	6.86	1.116	8	0.97	- 352.0
1343	0,100	1.190	7,01	10.00	6.87	1.120	6	0.83	-351.0
1348	0.100	1,322	7.01	9,73	6.88	1,115	5	0.82	-353.4
352	0.100	1,428	1.01	9.74	6.87	1.122	5	0.82	-353.9
1356	0,100	1.534	7,01	9.56	6,88	1.121	4	0.77	-356,3
				cutive readings	collected at 3- to	5-minute intervi	als) is listed in each	column head	TIO
	NS/SAMPLING	METHOD DEVIA	TICNS	taitia	x purge	Chor	Y, LIGHT	CRANE	It, IVRE
TINAL	PURBE	- CLEA	R, COL	DRIESS	1000	utiss			
MPLE DES									
Laboratory									
livered Via:				71					
Airbill #:					Field Sampling	Coordinator:			

Height of Reference Point 3,4 Meas. From Well Diameter 2 11 Meas. From MS/MSD Spitt Sample ID	PID Background (ppm)	Well No	o. HR	-63- MI	N-1	_	Site/GMA Name	- 6m	4 /		
Well Headspace (ppm)	Weather 45 COUNTY	Key N	o.	FX-37		San	npling Personne				
Weather 45 COUNTY	Weather 45 COUNTY	PID B	ackground (pp	m) - 0			Date	4/8/	04		
Reference Point Marked?	Reference Point Marked? N Height of Reference Point 3, 4 Meas. From Medical Depth 1, 4 1 Meas. From Mater Table Depth 1, 4 1 Meas. From Medical Depth 1, 4 Meas. F	Weil	Headspace (pp	m)O			Weather				
Reference Point Marked?	Reference Point Marked? N Height of Reference Point 3, 4 Meas. From Medical Depth 1, 4 1 Meas. From Mater Table Depth 1, 4 1 Meas. From Medical Depth 1, 4 Meas. F	WELL INFO	RMATION						Sample Tim	e 10	24
Height of Reference Point 3,4 Meas. From MS/MSD Screen Interval Depth 4, 1 - [4,1] Meas. From Ms/MSD Spit Sample ID Ms/MSD Ms/MSD Ms/MS	Height of Reference Point 3			MD (V) N							The state of the s
Screen Interval Depth 4, 1 - 14, 1/ Meas. From Well Depth 13, 4, 1/ Meas. From Well Depth 13, 4, 1/ Meas. From Well Depth 13, 4, 1/ Meas. From TC Required Analytical Parameters: Collecte Collect	Screen Interval Depth 1 - 1 - 1 - 1 Meas. From Water Table Depth 1 - 1 - 1 Meas. From Well Depth 1 - 1 - 1 Meas. From Well Depth 1 - 1 - 1 Meas. From Well Depth 1 - 1 - 1 Meas. From Well Depth 1 - 1 - 1 Meas. From Well Depth 1 - 1 - 1 Meas. From Well Depth 1 - 1 Meas. From TV Required Analytical Parameters: Collecter C			~	Mone Emm	600011	0				3.2 rw
Screen Interval Depth 4	Screen interval Depth - (4.1) Meas. From Meas.	rieigni		-	_ Meas, From	CHOUN	D.				N4
Water Table Depth 3, 4 1	Water Table Depth 13	0		101	Mana Franc	200					
Well Deptil	Well Depth 1.52 Meas. From Length of Walter Column 4.39 17, 60			2 (-002	_		Spiit Sample it	-	
Length of Water Column	Length of Water Column	1				110	-	D		n	24.0
Volume of Water in Well 01711 0.00 Intake Depth of pump/tubing 15,5 Meas. From 10 SVOCs Reference Point Identification:	Volume of Water in Weil 0 71 0 0 0 Intake Depth of pump/tubing 15 5 Meas. From 17 0 0 Reference Point Identification:	1000	10 M STREET (1984) 11 (1987)	and the same of th	Meas. From	,	_	Required			Collected
Intake Depth of pump/tubing 15,5 Meas. From 17 SVOCs SVOCs PCBs (Total) Reference Point Identification:	Natural Attenuation	3000 1 6		7				()			()
PCBs (Total)	Reference Point Identification:			1 - 1 1	44.00	77.0		()			()
Reference Point Identification:	Reference Point Identification:	Intake De	oth of pump/tubi	ng /5,5	_ Meas. From	110		()			()
TIC: Top of Inner (PVC) casing	TIC: Top of Inner (PVC) casing Total Tamp Total Rate Gallons Level (Ceicius) Gallons Ceicius) Gallons Ceicius) Gallons Ceicius) Ceicius							()		75	4 1
TOC: Top of outer (protective) casing	TOC: Top of outer (protective) casing	Reference P	oint Identification	ic				(X)			(×)
PCDS/PCDFs Pest/Herb Pes	PCDDs/PCDFs Pest/Herb Pe							()			()
Pest/Herb Natural Attenuation Other (Specify)	Pest/Herb Natural Attenuation							(1			1 3
Natural Attenuation	Natural Attenuation	Grade/BGS:	Ground Surface					1)	PCDDs	/PCDFs	7 1
EVACUATION INFORMATION Pump Start Time Pump Stop Time 10:45 Minutes of Pumping 25 Penstaltic Pump () Submersible Pump () Cther/Specify () Pump Type: MOLYCHALK SYSTEM Samples collected by same method as evacuation? N(specify) Water Quality Meter Type(s) / Senal Numbers. HACH TOR POMPETER 02 (0000 28329 YSTEM Samples collected by same method as evacuation? N(specify) Water Quality Meter Type(s) / Senal Numbers. HACH TOR POMPETER 02 (0000 28329 YSTEM Samples collected by same method as evacuation? N(specify) Water Quality Meter Type(s) / Senal Numbers. HACH TOR POMPETER 02 (0000 28329 YSTEM Samples collected by same method as evacuation? N(specify) Water Quality Meter Type(s) / Senal Numbers. HACH TOR POMPETER 02 (0000 28329 YSTEM Samples collected by same method as evacuation? N(specify) With the pump Total Water Temp. PH Sp. Cond. Turbidity DO ORP (Immin.) Removed (ft TIC) (3*4)* [01 units]* (3*5)* (10% or 1 NTU)* (10%)* (10 mV)* 9:24	EVACUATION INFORMATION Pump Start Time Pump Stop Time Pump Total Pump Total Pump Total Pump Total Pump Total Pump Total Pump Stop Time Rate Pump Total Pump Total Pump Stop Time Rate Pump Stop Time Rate Pump Stop Time Rate Pump Stop Time Pump Stop Time Pump Total Pump Total Pump Total Pump Total Pump Total Pump Stop Time Pump Total Pump Stop Time Pump Total Pump Total Pump Stop Time Pump Total Pump Stop Time Pump Total Pump Tota		_					()	Pest	Herb	+ 3
EVACUATION INFORMATION Pump Start Time 9:20 Pump Stop Time 0:45 Evacuation Method: Bailer () Bladder Pump () Cther/Specify () Water Temoved Did well go dry? Y N Samples collected by same method as evacuation? One of the pump Pump Type: MOLYCHALV SYSTEM Samples collected by same method as evacuation? One of the pump Type: MOLYCHALV SYSTEM Samples collected by same method as evacuation? One of the pump Type: MOLYCHALV SYSTEM Samples collected by same method as evacuation? One of the pump Type: MOLYCHALV SYSTEM Samples collected by same method as evacuation? One of the pump Type: MOLYCHALV SYSTEM Samples collected by same method as evacuation? One of the pump Type: MOLYCHALV SYSTEM Samples collected by same method as evacuation? One of the pump Type: MOLYCHALV SYSTEM Samples collected by same method as evacuation? One of the pump Type: MOLYCHALV SYSTEM Samples collected by same method as evacuation? One of the pump Type: MOLYCHALV SYSTEM Samples collected by same method as evacuation? One of the pump Type: MOLYCHALV SYSTEM On	EVACUATION INFORMATION Pump Start Time Pump Stop Time 35	Redevelop?	YN					t 1	Natural A	ttenuation	()
Pump Start Time 9:20 Pump Stop Time 10:45 Evacuation Method: Bailer () Bladder Pump ()	Pump Start Time		_					()	Other (S	Specify)	()
Pump Total Water Temp. pH Sp. Cond. Turbidity DO ORP	Pump Total Water Temp. pH Sp. Cond. Turbidity DO ORP	Did weil go dr		Meter Type(s) / Se	enal Numbers.		HTURBI	DIMETER			
Time Rate Gallons Level (Celcius) (mS/cm) (NTU) (mg/l) (mV) (Umin.) Removed (ft TIC) [3*4]* [0 units]* [3%]* [10% or 1 NTU]* [10%]* [10 mV]* (10	Time Rate Gallons Level (Celcius) (mS/cm) (NTU) (mg/l) (mV) (Umin.) Removed (ft TIC) [3%]* [0 units]* [3%]* [10% or 1 NTU]* [10%]* [10 mV]* Q:26 .100 - 13.41 143 143 143 Q:31 0.100 0.1323 13.46 7/6 7/6					1			T		-
(Umin.) Removed (ft TIC) [3%]* [0 units]* [3%]* [10% or 1 NTU]* [10%]* [10 mV]* 9:26	(Umin.) Removed (ft TIC) [3%]* [0 + units]* [3%]* [10% or 1 NTU]* [10%]* [10mV]* 9:26 .100 - 13.41 143 9:31 0.100 0.1323 13.46 76 9:36 0.100 0.2646 13.50 49 9:44 0.100 0.4762 13.51 8.95 6.58 1.651 32 5.91 -314.8 9:49 0.100 0.4762 13.50 8.87 6.64 1.654 20 2.43 -313.6 9:59 0.100 0.7408 13.46 9.00 6.66 1.655 15 2.03 -308.1 9:59 0.100 0.8731 13.48 9.00 6.69 1.657 13 1.90 -306.6 10:04 0.100 [.0054] 13.48 9.20 6.73 1.662 8 1.92 -301.7			100000000000000000000000000000000000000	Water		рн		* XX-33000**	DO	ORP
9:31 0.100 - 13.41 143 9:31 0.100 0.1323 13.48 76 76 9:36 0.100 0.2446 13.50 49 9:44 0.100 0.4762 13.51 8.95 6.58 1.651 32 5.91 -314.8	9:26 .100 - 13.41 143 9:31 0.100 0.1323 13.46 76 - 76 - 76 - 76 9:36 0.100 0.2646 13.50 49 9:44 0.100 0.4762 13.51 8.95 6.58 1.651 32 5.91 -314.8 9:49 0.100 0.7408 13.46 9.00 6.66 1.655 15 2.03 -308.1 9:59 0.100 0.7408 13.46 9.00 6.66 1.655 15 2.03 -308.1 9:59 0.100 0.8731 13.48 9.20 6.73 1.662 8 1.92 -301.7	Time					1		100000000000000000000000000000000000000		
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	9:49 0:100 0:6085 13:50 8:87 6:64 1:654 20 2:43 -313:0 9:54 0:100 0:7408 13:46 9:00 6:66 1:655 15 2:03 -308:1 9:59 0:100 0:8731 13:48 9:05 6:69 1:657 13 1:90 -306:0 10:04 0:100 1:054 13:48 9:20 6:73 1:662 8 1:92 -301:7	THE RESERVE OF THE PARTY OF THE				-				The State of the S	-
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10 19 1 0 100 11 2092 1 12 40 1 9 52 1 6.74 1 1.690 4				- Indiana de la companya del la companya de la comp		4.52			4		1
	10:19 0:100 1.3993 1347 9.52 6.74 1.670 4 1.96 - 298.4	10.25	0.100	1.5316	13.47	9.54	6.76	1.664	3	1.85	-300,3
	9:59 0.100 0.8731 13.48 9.05 6.69 1.657 13 1.90 -30 10:04 0.100 1.0054 13.48 9.20 6.73 1.662 8 1.92 -30	9:26 9:31 9:36 9:44 9:49	Rate (L/min.) .100 0.100 0.100 0.100	Gallons Removed 0.1323 0.2646 0.4762 0.6085	Level (ft TIC) 13.41 13.45 13.50 13.51 13.50	(Celcius) [3*4* - - - 8.95 \$.87	[0 t units]*	(mS/cm) 3% * - - - 1.651 1.654	(NTU) (10% or 1 NTU) 143 76 49 32 20	(mg/l) [10%]* - - 5.91 2.43	(m (10 n
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		10:23	0.100	1.5316	13.47	9.54	6.76	1.669	3	1.85	-300.3
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		10:23	0.100	1.5316	13.47	9.54	6.76	1.669	3	1.85	1-300.3
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10:24 0.00 1.5316 13.47 9.54 6.76 1.669 3 1.85 -300.3 The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading.	10:24 0.100 1.5316 13.47 9.54 6.76 1.669 3 1.85 -300.3 The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading.										
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10°2\$ C.100 1.5316 13.47 9.54 6.76 1.669 3 1.85 -300.3 The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading.	10:24 0.100 1.5316 13.47 9.54 6.76 1.669 3 1.85 -300.3 The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading.	AMPLE DEST	INATION								
10:24 C. (CC 1.53/6 13.47 9.54 6.76 1.669 3 1.85 -3.00.3 The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading. **BSERVATIONS/SAMPLING METHOD DEVIATIONS IN THAT PURGE: CLOUDY, TVRBID, ODOR	10:2\$ C.(CO 1.53(6 13.47 9.54 6.76 1.669 3 1.85 -3.00.3) The stabilization criteria for each field parameter (three consecutive readings collected at 2- to 5-minute intervals) is listed in each column heading. BSERVATIONS/SAMPLING METHOD DEVIATIONS (NTITAL PURGE: CLOUDY, TVRB1D, 000R										
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10:2\$ C.(CC 1.53(6 13.47 9.54 6.76 1.669 3 1.85 -3.00.3 The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading. **BSERVATIONS/SAMPLING METHOD DEVIATIONS IN ITTIAL PURSE: CLOUDY, TVRBID, ODOR **AMPLE DESTINATION** Laboratory: **Delivered Via:**	10:2\$ C.(CO 1.53(6 13.47 9.54 6.76 1.669 3 1.85 -300.3 The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading. BSERVATIONS/SAMPLING METHOD DEVIATIONS IN THAL PURGE: CLOUDY, TVRBID, ODOR AMPLE DESTINATION Laboratory: Velivered Via:	Airbill #:				F	field Sampling C	oordinator:			

Well No	. HR-	G3-MW-			SHe/GMA Nam	-	41		
Key N	0.	FX-37		Sam	opling Personn	el UTTP/	KLB		
PID B	ackground (pp	m)			Dat	te 4/8/	04		
Well	Headspace (ppr	m)		_	Weathe	er 45°	CLOUDY		
WELL INFO	RMATION						Sample Time	16:	34
	nce Point Marke	417 (P) N			0		Sample ID	MR-C	3-MW-3
	of Reference Po		Meas. From	Grown	4		Duplicate ID		
neight			_ incos. r tom	Chocas	4		MS/MSC		
	Well Diame		7	210			Split Sample ID		
	een Interval Dep		_ Meas, From	-00-2			Split Sample iD		
	Water Table Dec	-	_Meas, From		-	04/10/04/2004	1. G200000000000000		0-2000-000
	Well Dep		_ Meas, From	_TIC	-	Required	Analytical F		Collected
Lengt	of Water Colun		- 0			()	VOCs (Std. list)	3)
Volum	e of Water in W	et 0-716a		T./		1 1	VOCs (Exp.list)	1 1
Intake De	oth of pump/tubir	ng 15.5	Meas, From	110	<u></u>	0 1	SVC	C\$	1)
						()	PCBs (Total)	4 3
Reference P	oint Identification	1.				(~)	PCBs (Di	ssolved)	(X)
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Grade/BCS	Ground Surface					40 00	Pesul	S 7 3 1	16 10
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Redevelap?	YW					- 1	Natural An		1 1
						F) (8	Other (S	pecifyl	,
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	Pump Start Time		1)		Evacuation M	elhod Bailer	() Bladder Pt	mo IX	
	Pump Stop Time							/ "	
Minutes of Pr	177	85_	^		Penstaltic Prair		ibmersible Pump (1	errSpecity ()
Valume of wa	ler removed	2.000	24		Pomo Type		halk sys	-753	
Did well ge dr	15 1 (M)	V			Samples colle	cled by same me	elhod as evacuation	15 Q 1712	pecify)
				1010	7 ()		02.1000	20220	
	Water Quality	Meter Type(s) / Se	enal Numbers	1	Turbida 556	030146	021000	2332	
	Pump	Total	Water	Temp.	Hq	Sp. Cond.	Turbidity	DO	ORP
Time	Rate	Gallons	Level	[Celcius]		(mS/cm)	(NTU)	(mg/l)	(mV)
111115	(L/min.)	Removed	(ft TIC)	13%1*	(0.1 units)*	13%1*	110% or 1 NTUI*	110%7"	[10 mV]*
10:28	0.100		13.47	9.53	6.76	1.674	3	1.80	-301.0
	100000000000000000000000000000000000000	1,6374						-	-300.1
0:32	0.100	1.7432	13.47	9.63	6.76	1.675	3	1.79	500.7
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he stabilizat	on criteria for es	sch field paramete	r (three consec	utive readings of	allected at 3- to	5-minute interva	is) is listed in each	column headi	ng.
		METHOD DEVIA		Initia	I purae	Clou	dy turb	id od	or
				Annual Local Laboratory	,))		
Fina	Lourge	Coloric	Seych	car					
	1 0			-1					-
AMPLE DEST									
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Laboratory:								60. 40	
Pelivered Via: Airbill #:					field Sampling			FE 45	

Well He WELL INFORI Referenc Height of	ce Point Marked Reference Poil Well Diamete en Interval Dept ater Table Dept	n) 0.0		Sai	mpiing Personn Da Weath	te 4/6/04	WAR WIND	wat III	
Well He WELL INFORI Reference Height of Scree Wa Length o	MATION DE Point Marked Reference Poin Well Diametr en Interval Dept ater Table Dept	n) 0.0				te 4/6/04	was wine	1. West / 1/	
WELL INFORM Reference Height of Screet Was Length of	MATION ce Point Marked Reference Poi Well Diamete en Interval Dept ater Table Dept	17 (N int -0.16			Weath	or VIA.TI	war war	2.480 /1/	
Referenc Height of Scree Wa Length o	ce Point Marked Reference Poil Well Diamete en Interval Dept ater Table Dept	nt -0.16				" LIMBING	77	10 90	9
Reference Height of Scree Wa Length o	ce Point Marked Reference Poil Well Diamete en Interval Dept ater Table Dept	nt -0.16					Sample Tim	e 122	5
Height of Scree Wa Length o	Reference Poi Well Diamete en Interval Dept ater Table Dept	nt -0.16					Sample I	_	
Scree Wa Length o	Well Diamete en Interval Dept ater Table Dept		Meas, From	1824			Duplicate II	0.000	
Wa Length o	en Interval Dept ater Table Dept	er z"		Man			MS/MS	-	_
Wa Length o	ater Table Dept		Meas. From	BGS			Split Sample II		
Length o		22	Meas, From		2.52		Spit Gumpia ii		
0.0000000000000000000000000000000000000	Mini Dani	1.1.00	Meas. From	-	_	Required	Analytical	Parameters:	Collecte
100000000000000000000000000000000000000	Well Dept	- 15	ineas. From	TIC		, and a		(Std. list)	/
A CHRISTING V			The !			7 7		(Exp.list)	
	n of pump/tubin	4.7	Meas. From	863		7 1		OCs C	- 1
intake Depth	i or purity outri	9_/0	_ Meas. From	2003		1 1		(Total)	
of services Only	nt Identification:					(×)		Dissolved)	- 1
							72.500	org. (Total)	17
	ner (PVC) casin							(Dissolved)	
	uter (protective	casing							
rade/8GS: Gi	round Surface					1 1		/PCDFs /Herb	
	A							300000	1 2
edevelop?	Y (N)					4		denuation Specify)	1 1
	ump Stop Time					lethod: Bailer	>Starter >	timo (A)	
linutes of Pum olume of water id well go dry?	nping r removed	2.16411g			Evacuation M Peristallic Pur Pump Type: Samples colle	mp () S	ubmersible Pump (() C#	ner/Specify (
olume of water id well go dry?	nping r removed r Y N	Slnin Z. 1 Galla	M3	NI 55	Penstaltic Pur Pump Type. Samples colle	mp () S	ubmersible Pump	n? () Cit	specify)
olume of water d well go dry?	nping r removed r Y N	Slnin Z. 1 Galla	M3	Y.II STO	Penstaltic Pur Pump Type. Samples colle	mp () S	ethod as evacuatio	n? () Cit	specify)
olume of water d well go dry?	nping or removed or Y N Water Quality N	Sl mina Z. 1 Sallo Meter Type(s)/S	enal Numbers		Penstallic Pur Pump Type: Samples colle	sp. Cond. (mS/cm)	ethod as evacuatio	() Cth n? ✓ Mi z2000 7: D0 (mg/l)	ORP (mV)
olume of water d well go dry? V	nping r removed r Y N Water Quality N	2.1 Gallo	Water Level (ft TIC)	Temp.	Penstallic Pur Pump Type: Samples colle	mp () S ected by same m CO392 AE Sp. Cond.	ethod as evacuatio WHACH Turbidity (NTU) [10% or 1 NTU]*	00 C#	orp
olume of water d well go dry? Time	r removed Y Y N Water Quality N Pump Rate	2.1 Gallo Meter Type(s)/S Total Gallons	Water Level (ft TIC)	Temp. (Celcius)	Peristaltic Pui Pump Type: Samples colle	sp. Cond. (mS/cm)	ethod as evacuatio	() Cth n? ✓ Mi Z2004> ¬ D0 (mg/l)	ORP (mV)
olume of water d well go dry? Time	r removed Y Y N Water Quality N Pump Rate (Umin.)	2.1 Gallon Zer Type(s)/S Total Gallons Removed	Water Level (ft TIC) 39.45	Temp. (Celcius)	Peristaltic Pui Pump Type: Samples colle	sp. Cond. (mS/cm)	ethod as evacuatio	() Cth n? ✓ Mi Z2004> ¬ D0 (mg/l)	ORP (mV)
olume of water d well go dry? Time	Pump Rate (Umin.)	2.1 Gallon Z.1 Gallon Meter Type(s)/S Total Gallons Removed	Water Level (ft TIC)	Temp. (Celcius) (3%)*	Peristaltic Pui Pump Type: Samples colle	sp. Cond. (mS/cm) [3°5]*	ethod as evacuatio WHACH Turbidity (NTU) [10% or 1 NTU]*	() Cth n? ✓ Mi Z2004> ¬ D0 (mg/l)	ORP (mV)
time of water of well go dry? Time	Pump Rate (Umin.)	2.1 Gallon Zer Type(s)/S Total Gallons Removed	Water Level (ft TIC) 39.45	Temp. (Celcius) (3*4)*	Peristaltic Pur Pump Type: Samples colle 2 (03) pH [0 1 units]	sp. Cond. (mS/cm) [3%]*	ethod as evacuatio	() Cth n? ✓ Mi Z2004> ¬ D0 (mg/l)	ORP (mV) [10 mV]*
Time	Pump Rate (Umin.) 9./00 6./00	2.1 Gallon Z.1 Gallon Meter Type(s)/S Total Gallons Removed	Water Level (ft TIC) 39.45 39.45 39.45	Temp. (Celcius) (3%)*	Penstaltic Pur Pump Type: Samples colle 6 **Z (03) pH [0 1 units]* 6.36 6.49	Sp. Cond. (mS/cm) [3%]*	ethod as evacuation (NTU) (NTU) (OF) (DO (mg/l) (10%) 7.38 2.00	ORP (mV) [10 mV]*
Time 1138 1136 1136 1196 1196 1196 1196 1196	Pump Rate (Umin.) © ./00 Ø ./00 Ø ./00 Ø ./00	Plunies 2.1 Gallo Z.1 Gallo Meter Type(s)/S Total Gailons Removed 0.7 0.3 0.4	Water Level (ft TIC) 39.45 39.45 39.45 39.45	Temp. (Celcius) (3%)*	Peristaltic Pur Pump Type: Samples colle 2 (03) pH [0 1 units]	sp. Cond. (mS/cm) [3%]*	ethod as evacuatio	00 (mg/l) (10%) 7.38 2.00 1.57	ORP (mV) [10 mV]*
Time 1138 134 134 134 135 135	Pump Rate (Umin.) 6./00 6./00 6./00	Z. I Gallo Z. I Gallo Meter Type(s)/S Total Gallons Removed	Water Level (ft TIC) 39.45 39.45 39.55 39.55 39.55	Temp. (Celcius) (3*4)*	Penstaltic Pur Pump Type: Samples colle #Z (03) pH [0 units]* #6.36 6.99 6.67	Sp. Cond. (mS/cm) [3°5]* 6:603 1.197 1.203 1.208	tipmersible Pump (ethod as evacuation) (a) HACH Turbidity (NTU) [10% or 1 NTU]* (34 (41 (85 (41 (85 (41 (85 (41 (85 (41 (85 (41 (85 (41 (85 (41 (85 (41 (85 (41 (85 (41 (85 (41 (85 (41 (41 (45 (41 (45 (41 (45 (41 (45 (41 (45 (45	DO (mg/l) (10%) 7.38 2.00	ORP (mV) [10 mV]*
Time 1.1.38 1.36 1.36 1.36 1.37 1.50 1.50 1.50	Pump Rate (Umin.) 6./00 6./00 6./00 6./00 6./00 6./00 6./00 6./00	Pluning Z. 1 Gallo Z. 1 Gallo Meter Type(s) / S Total Gallons Removed 0.7 0.3 0.4 0.5 0.7	Water Level (ft TIC) 39.45 39.45 39.45 39.45 39.45 39.45 39.45	Temp. (Celcius) (3%)* [3%)* [11.4/3 [11.4/3 [11.33] [11.27] [11.25]	Penstaltic Pur Pump Type: Samples colle #2 (63) pH [0 units] 6.36 6.99 6.67 6.67 6.67	Sp. Cond. (mS/cm) [3°5]* 6:603 1.197 1.203	the property of the property o	00 (mg/l) (10%) 7.38 2.00 1.57	ORP (mV) [10 mV]* 96./ 33.4/ -11.0 -35.8
Time 1136 1136 1136 1136 1136 1136 1136 11	Pump Rate (Umin.) 0./00 0./00 0./00 0./00 0./00 0./00 0./00	Plunies 2.1 Gallo Z.1 Gallo Total Gallons Removed 0.7 0.3 0.7 0.8	Water Level (ft TIC) 39.45 39.45 39.55 39.55 39.55	Temp. (Celcius) (3%)** //.4/3 //.33 //.27	Penstaltic Pur Pump Type: Samples colle #Z (63) pH [0 units]* 6.36 6.99 6.67 6.67	Sp. Cond. (mS/cm) [3°5]* 6:603 1.197 1.203 1.208	tipmersible Pump (ethod as evacuation) (a) HACH Turbidity (NTU) [10% or 1 NTU]* (34 (41 (85 (41 (85 (41 (85 (41 (85 (41 (85 (41 (85 (41 (85 (41 (85 (41 (85 (41 (85 (41 (85 (41 (85 (41 (41 (45 (41 (45 (41 (45 (41 (45 (41 (45 (45	00 (mg/l) 10% 7.38 2.00 1.55 1.48	ORP (mV) [10 mV]* 96.1 33.4 -11.0 -35.8 -50.3
Time 1138 1136 1136 1150 150 150	Pump Rate (Umin.) 0./00 0./00 0./00 0./00 0./00 0./00 0./00 0./00 0./00 0./00 0./00 0./00 0./00 0./00 0./00 0./00	Plunion 2.1 Gallons Removed 0.7 0.3 0.4 0.5 0.7 0.8 0.9	Water Level (ft TIC) 39.45 39.45 39.45 39.45 39.45 39.45 39.45	Temp. (Celcius) (3%)* //. 4/3 //. 3/3 //. 2/7 //. 2/5	Penstaltic Pur Pump Type: Samples colle #2 (63) pH [0 units] 6.36 6.99 6.67 6.67 6.67	Sp. Cond. (mS/cm) [3%]* 6.603 1.197 1.203 1.208 1.218	the property of the property o	00 (mg/l) [10%]* 7.38 2.00 1.55 1.48 1.36	ORP (mV) [10 mV]* 96./ 33.4/ -11.0 -35.8

Weil No	. ES	1-27	R	_	Site/GMA Nar	me_GM	Al		
Key No).	_		Sa	mpling Person	nel LIB. 4	tt JAP.		
PID B	ckground (pp	m) ()	153912	Da	ste 416	104 \$		
Weil F	leadspace (ppi	m))		Weath	er 35°,	SUNNY, W	INDY	
WELL INFO	RMATION						Sample Tim	ne [[:2:	2
Referer	ce Point Marke	d? (Y) N					Sample I	D FS1-	27R
Height o	f Reference Po	sint - 0.216	Meas, From	GROUN	D		Duplicate I	p —	
1000	Well Clame	-			-		MS/MS		(12)
San	en Interval Dep		3 Meas. From	19.3 E	365		Split Sample II		MED
V	/ater Table Dep	oth 6.71	Meas, From	-	_				
	Well Dep	-	Meas, From	nC_		Required	Analytical	Parameters:	Collected
Length	of Water Colum		_ ^			()	VOCs	(Std. list)	()
Volume	e of Water in Wi	el 2.04 o	yal)			()	VOCs	(Exp.list)	(1
Intake Dep	th of pump/tubir	ng 14.0°	Meas. From	TIC		()		OCs	1)
						()	PC8s	(Total)	()
leference Po	int Identification	NC:				(X)	PCBs (C	Nssolved)	1
IC: Top of In	ner (PVC) casir	ng				()	Metals/Inc	org. (Total)	(1)
OC: Top of	outer (protective	e) casing				()	Metals/Inorg	(Dissolved)	t 1
irade/BGS: (Ground Surface					1)	PCDDs	VPCDFs	()
						1)	Pest	/Herb	1 1
edevelop?	Y (N)					(1	Natural A	itenuation	1 1
- W						1 1	Other (S	Specify)	1 3
VACUATION	INFORMATIO	N							
F	rump Start Time	16:00	<u> </u>						
F	ump Stop Time	12:07	22.		Evacuation M	lethod: Bailer	() Bladder F	umb (/)	
tinutes of Pu		127 mi	0		Penstallic Pur		ubmersible Pump (V	er/Specify ()
olume of water		3,3600			Pump Type:	mar 40		(TENA	1
id well go dry	-	0,000	~				ethod as evacuation	n? (Y) N(s	pecify)
	Water Quality t	Meter Type(s) / S	erial Numbers.	HACH.	URBID OSCI	METET	2 0210	00028	329
	Pump	Total	Water	Temp.	pH	Sp. Cond.	Turbidity	00	ORP
Time	Rate	Gallons	Level	(Celcius)		(mS/cm)	(NTU)	(mg/l)	(mV)
	(L/min.)	Removed	(ft TIC)	[3%]*	[0.1 uorts]*	[3%]*	[10% or 1 NTU]*	[10%]*	[10 mV]*
10-10	100 mL	_	7.80	1 -	-	-	2.3	-	-
11:15 16	100 mL	0.1587	7.76	7.40	6.84	0.390	19	21.47	- 274,6
10:21	100 ML	0.2910	7.80	711	7.04	0.392	17	9.55	-221.2
0:26	100.mL	0.4233	7,87	7.32	7.15	0.309	15	9.12	- 221.7
0:31	75 mL	0,5224	7.78	7 44	7.21	0.389	16	9,00	-219.8
0.34	75mL	0.6215	7,85	1	11000	200	16	1103	
141			the state of the s	7,50	7.24	0.388	13	8,93	- 216.9
0146	75mL	0.7206	7.80	7,32	7.39	0.390	10	9.07	-614.3
-	200 mc	0.9848	7.85	7,47	7,40	0.390	10	8.96	214.0
0.51	150 mL	1.1830	8.15	7.72	7,49	0.388	1	5,93	016.5
0:56	100 mL	1,3153	8:15	7,54	7,48	0.383	7	9,11	-214.0
1.00	100 ml	1,4211	8.15	7.44	7.39	0.377	7	9.16	-313.0
1:04	HOOML	1.5269	8,20	7.46	7.50	0.374	7	9,14	mal 11.1
SERVATION	S/SAMPLING N	ch field paramete METHOD DEVIA IRGE -		MITTAL		CLEAR	is) is listed in each	column headin	DORLES
			ms/ms	COULE	aeD				
IPLE DESTI	IATION								
aboratory: _		LUM POTONO						//	60
ivered Via: _)					1,	//	
THE RESERVE OF THE PARTY OF THE									
Airbill #:	- San				ield Sampling	Coordinator	1/-1		

Meas. From Meas. From Meas. From Meas. From	mn	Site/GMA Namn npling Personne Date Weather	Required	Sample Tim Sample II Duplicate II MS/MS Split Sample II VOCs (VOCs (VOCs (PC8s (PC8s (D	Parameters: (Std. list) (Exp. list) OCs (Total) dissolved) org. (Total) (Dissolved) PCDFs Herb Itenuation	
Meas. From Meas. From Meas. From Meas. From	mn	Date Weather	Required	Sample Tim Sample II Duplicate II MS/MS Split Sample II VOCs VOCs VOCs PCBs PCBs (D Metals/Inorg PCDOs Pest/ Natural Al	Parameters: (Std. list) (Exp. list) OCs (Total) dissolved) org. (Total) (Dissolved) PCDFs Herb Itenuation	9259
Meas. From Meas. From Meas. From Meas. From	n n	Weather Age	Required	Sample Tim Sample II Duplicate II MS/MS Split Sample II VOCs VOCs VOCs PCBs PCBs (D Metals/Inorg PCDOs Pest/ Natural Al	Parameters: (Std. list) (Exp. list) OCs (Total) dissolved) org. (Total) (Dissolved) PCDFs Herb Itenuation	9259
Meas. From Meas. From Meas. From Meas. From	n n	- PAGE	Required	Sample Tim Sample II Duplicate II MS/MS Split Sample II VOCs (VO	Parameters: (Std. list) (Exp. list) OCs (Total) dissolved) org. (Total) (Dissolved) PCDFs Herb Itenuation	9259
Meas. From Mess. From Mess. From Mess. From	n n		()	Sample II Duplicate it MS/MS Split Sample II Analytical I VOCs (VOCs (VOCs (PC8s PC8s (D Metals/Incr Metals/Incr PCD0s Pest/	Parameters: (Std. list) (Exp. list) OCs (Total) bissolved) org. (Total) (Dissolved) IPCDFs Herb Ittenuation	9259
Meas. From Mess. From Mess. From Mess. From	n n		()	Duplicate it MS/MS Split Sample it VOCs VOCs SVI PCBs PCBs (D Metals/Incr Metals/Incr PCDOs Pest/ Natural Al	Parameters: (Std. list) (Exp. list) OCs (Total) bissolved) org. (Total) (Dissolved) IPCDFs Herb Ittenuation	9259
Meas, From Mess, From Meas, From Meas, From	n n		()	Duplicate it MS/MS Split Sample it VOCs VOCs SVI PCBs PCBs (D Metals/Incr Metals/Incr PCDOs Pest/ Natural Al	Parameters: (Std. list) (Exp. list) OCs (Total) bissolved) org. (Total) (Dissolved) IPCDFs Herb Itenuation	
Meas, From	n		()	MS/MS Split Sample ID Analytical I VOCs (VOCs SVI PCBs PCBs (D Metals/Incrg. PCDOs. Pest/	Parameters: (Std. list) (Exp.list) OCs (Total) bissolved) org, (Total) (Dissolved) IPCDFs Herb Itenuation	1073
Meas, From	n		()	Analytical VOCs (VOCs SVI PCBs PCBs (D Metals/Incrg. PCD0s. Pcst Natural Al	Parameters: (Std. list) (Exp.list) OCs (Total) bissolved) org, (Total) (Dissolved) IPCDFs Herb Itenuation	
Meas, From	n		()	VOCs (VOCs SVI PCBs PCBs (D Metals/Incrg. PCDOs. Pest/	(Std. list) (Exp.list) OCs (Total) bissolved) org. (Total) (Dissolved) IPCDFs Herb Itenuation	Colle
Mess, From	1		()	VOCs (VOCs SVI PCBs PCBs (D Metals/Incrg. PCDOs. Pest/	(Std. list) (Exp.list) OCs (Total) bissolved) org. (Total) (Dissolved) IPCDFs Herb Itenuation	Colle
Mess, From	1		()	VOCs (VOCs SVI PCBs PCBs (D Metals/Incrg. PCDOs. Pest/	(Std. list) (Exp.list) OCs (Total) bissolved) org. (Total) (Dissolved) IPCDFs Herb Itenuation	(((((((((((((((((((
	- Se			VOCs SVI PCBs PCBs (D Metals/Incrg. PCDOs. Pest/	(Exp.list) OCs (Total) issolved) org. (Total) (Dissolved) IPCDFs Herb Itenuation	6 6 6 6
	- Se			SVI PCBs PCBs (D Metals/Incrg Metals/Incrg PCDOs Pest/ Natural Al	OCs (Total) issolved) org. (Total) (Dissolved) IPCDFs Herb itenuation	6 6 6 6
	E			PCBs PCBs (D Metals/Inorg Metals/Inorg PCDOs Pest/ Natural Al	(Total) hissolved) org. (Total) (Dissolved) (PCDFs Herb Itenuation	
	1 E			PCBs (D Metals/Incrg. Metals/Incrg. PCDDs. Pest/ Natural Al	dissolved) org. (Total) (Dissolved) (PCDFs Herb Ittenuation	(
	188		, ox V	Metals/Incrg. Metals/Incrg. PCDDs Pest/ Natural Al	org. (Total) (Dissolved) (PCDFs Herb Itenuation	6 6 6 1
			1 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2	Metals/Inorg. PCDDs Pest/ Natural Al	(Dissolved) /PCDFs Herb Itenuation	6 6 6
				PCDDs Pest/ Natural Al	/PCDFs Herb Itenuation	1
			022	Pest/ Natural Al	Herb Itenuation	
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			35	2.72723		0
			1	Other (S	Same and the con-	
					specify)	(
		Evacuation Me				
		Evacuation Me				
pe(s) / Serial Numbers			thod: Bailer () Bladder P	tump ()	
pe(s) / Serial Numbers		Penstaltic Pum	p() Su	omersible Purso () Cth	enSpecify (
pe(s) / Serial Numbers		Pump Type:			\	
oe(s) / Serial Numbers		Samples collect	ted by same me	thod as evacuation	17 N(S	pecify)
oe(s) / Serial Numbers						_
						-
otal Water	Temp.	рН	Sp. Cond.	Turbidity	00	ORP
lons Level	(Celcius)				(mg/l)	(mV)
		10 1 units)*		100000000000000000000000000000000000000	100000000000000000000000000000000000000	[10 mV
						1-209.
Marie Contract of the Contract						-208
Contract of the Contract of th						-208
The second secon				51655	1 1 1 1 1 1	
D. 30	1,60	1.1.54	-0.300	2	9105	-208)
K OCT	ons Level	tons Level (Celcius) (ft TIC) (3%) (92 8.20 7.36 (13 8.30 7.57 (70 8.35 7.67	tons Level (Celcius) oved (ft TIC) (3%)* [0 units]* 192 8.20 7.36 7.54 13 8.30 7.57 7.56 70 8.35 7.67 7.56	tons Level (Celcius) (mS/cm) 10	tons Level (Celcius) (mS/cm) (NTU) 10	ons Level (Celcius) (mS/cm) (NTU) (mg/l) oved (ft TIC) (3%)* [0 units]* (3%)* [10% or 1 NTU]* (10%)* 692 8.20 7.36 7.54 0.375 6 9.15 13 8.30 7.57 7.56 0.377 6 9.00 70 8.35 7.67 7.56 0.379 5 9.02

Screen Interv Water Tab	NN It Marked? ence Point Diameter val Depth	- 0, 45 2 "	Meas. From		Site/GMA Nam opling Personne Dat Weathe	H KLB.	JAP		
PID Backgroun Well Headspace WELL INFORMATION Reference Point Height of Reference Well Screen Interv Water Tab W Length of Water Volume of Water	on N It Marked? ence Point Diameter rval Depth	- 0,45 2"	Meas. From		Dat		777		
Well Headspace WELL INFORMATION Reference Point Height of Reference Well Screen Interv Water Tab W Length of Water Volume of Water	on N It Marked? ence Point Diameter rval Depth	- 0,45 2") Meas. From	Genn			6 04		
Reference Point Height of Referer Well Screen Inten Water Tab W Length of Water Volume of Water	t Marked? ence Point Diameter_ rval Depth ble Depth	- 0,45 2"	O Meas. From	Garne		" SUNNY	, NINOY, 4	50	
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Height of Refere Well Screen Inten Water Tab W Length of Water Volume of Water	ence Point Diameter val Depth] ble Depth	- 0,45 2"	Meas. From	GRADI			Sample Tim	e_150	5
Well Screen Inten Water Tab W Length of Water Volume of Water	Olameter val Depth] ble Depth	2.4	Meas. From	(-0 CDF			Sample II	0 GmA	1-4
Screen Inten Water Tab W Length of Water Volume of Water	val Depth] ble Depth _	10.3-20.3		414-11-			Duplicate II	0	
Water Tab W Length of Water Volume of Water	ble Depth						MS/MS	O COLLE	ETED.
Length of Water Volume of Water			Meas. From	BGS	_		Split Sample II		
Length of Water Volume of Water	Vell Depth	15.38	Meas. From	JC	-				
Volume of Water		19,71	_ Meas, From	TK	_	Required	Analytical	Parameters:	Collected
		4.1.3'	_			()	VOCs ((Std. list)	()
Intake Depth of puri		17	_	-7/		X		(Exp.list)	(X)
	mp/tubing _	11.15	Meas. From	TIC	-	()	SV	OCs	()
						()	PCBs	(Total)	()
Reference Point Identil						()	PC8s (D	issolved)	()
TIC: Top of Inner (PVC	100 150 170					()	Metais/Inc	org. (Total)	()
TOC: Top of outer (pro		asing				t 1	Metals/Inorg.		1 1
Grade/BGS: Ground S	Surface					()	PCDDs	/PCDFs	()
	\neg					()	Pest	Herb	1 1
Redevelop? Y	ツ)					0 1	Natural Al	ttenuation	+ 3
EVACUATION INFORM	-					()	Other (S	Specify)	()
Pump Sta Pump Sto Minutes of Pumping Volume of water remov Did well go dry?	op Time _	1515	410 gal		Evacuation Me Penstallic Pum Pump Type:	. 1	ubmersible Pump (The state of the s	er/Specify ()
			,		Samples coilec		ethod as evacuation	17 (S) N(S)	pecify)
Water Q	Quality Mete	er Type(s) / Si	6	451 55	Samples coilec	ted by same me 3C 46	Children and a succession	17 (J) N(S)	pecify)
Water Q	Quality Mete	er Type(s) / Si	6	YS1 55	Samples collec	30,1461	elhod as evacuation		8329
Water Q		er Type(s) / Si	6	YS1 55 HAUH Temp.	Samples collec		elhod as evacuation		13.0001.00
Pur			erial Numbers.	HALH	Samples collection of the coll	3C1461	ethod as evacuation	1 am 2	8329
Pur Time Ra (L/m	mp	Total	enal Numbers. Water	HA UH Temp.	Samples collection of the coll	3C1461 101MET Sp. Cond.	ethod as evacuation	10002	8329 ORP
Time Ra (Um	mp ate nin.)	Total Gallons Removed	erial Numbers. Water Level	Temp. (Celcius)	Samples collection of the coll	3C1461 iP1MET Sp. Cond. (mS/cm)	ethod as evacuation Turbidity (NTU)	(mg/l)	8329 ORP (mV)
Time Ra (Um	mp ate nin.)	Total Gailons Removed	Water Level (ft TIC)	Temp. (Celcius)	Samples coilects Of Of Of DURB pH (0 1 units)*	3C 1461 i D1 MET Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]	00 (mg/l) [10%]*	8329 ORP (mV) (10 mV)
Time Ra (Um	mp ste nin.) mL	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celcius) 3% *	Samples coilects O TURB pH [0 1 units]*	3C 1461 Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]	00 (mg/l) 10% (mg/l)	8329 ORP (mV) (10 mV)
Time Ra (L/m) 1420 100 1	mp ste nin.) mL O ML	Total Gailons Removed 0.529 0.64/3 0.7136	Water Level (ft TIC) 15.36	(Celcius) 3% *	Samples collects TURB pH [0 units]* - 7,34 7,30	3C1461 iD1MET sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU] 12 10 5	00 (mg/l) 10% - 10.33 10.06 9.74	8329 ORP (mV) (10 mV)*
Time Ra (L/m) 1420 100 1 1445 100 1450 100 1454 100	mp ste nin.) mL O ML O mL O mL O mL O mL	Total Gallons Removed 0.529 0.6673 0.7136 0.8194	Water Level (h TIC) 15,36 15,37 15,37	Temp. (Cetcius) 3% * - 8.00	Samples collects TURB pH [0 units]*	3C1461 Sp. Cond. (mS/cm) [3%]" - 1.346 1.326	Turbidity (NTU) [10% or 1 NTU]	00 (mg/l) 10% -	8329 ORP (mV) (10 mV)* - 345.7
Time Ra (L/m) 1420 100 1 1445 100 1450 100 1454 100	mp ste nin.) mL O ML O mL O mL O mL O mL	Total Gallons Removed 0.529 0.6673 0.7136 0.8194	Water Level (ft TIC) 15,36 15,37 15,37	HALLA Temp. (Celcius) [3%]* 8.00 8.13 8.42 8.5]	Osmples collect Osmph Os	3C1461 Sp. Cond. (mS/cm) [3%1" - 1.346 1.326 1.324 1.322	Turbidity (NTU) [10% or 1 NTU] 12 10 5	10.33 10.06 9.74	8329 ORP (mV) (10 mV)* - 245.7 - 240.8 - 241.3 - 241.3
Time Ra (L/m) 1420 100 1 1445 100 1450 100 1454 100	mp ate nin.) mL O mL	Total Gailons Removed 0.529 0.64/3 0.7136	Water Level (h TIC) 15,36 15,37 15,37	HALH Temp. (Celcius) 3% * - 8.00 8.13 9,42	Samples collects TURB pH [0 units]* - 7,34 7,30	3C1461 Sp. Cond. (mS/cm) [3%1" - 1.346 1.326	Turbidity (NTU) [10% or 1 NTU] 12 10 5	00 (mg/l) 10% - 10.33 10.06 9.74	8329 ORP (mV) (10 mV) 245.7 246.8 241.3
Time Ra (Um) 1420 100 1 1445 100 1445 100 1456 100 1458 10	mp ate nin.) mL O mL	Total Gallons Removed 0.529 0.64/3 0.7136 0.8194	Water Level (ft TIC) 15.36 15.37 15.37 15.37	HALLA Temp. (Celcius) [3%]* 8.00 8.13 8.42 8.5]	7.36 7.32 7.33	3C1461 Sp. Cond. (mS/cm) [3%1" - 1.344 1.324 1.322 1.322	Turbidity (NTU) [10% or 1 NTU] 12 10 5	10.33 10.06 9.74 9.40	8329 ORP (mV) (10 mV) - 245.7 - 240.8 - 241.3 - 241.2
Time Ra (Um) 1420 100 1445 100 1450 100 1454 1458 10	mp ate nin.) mL O mL	Total Gallons Removed 0.529 0.64/3 0.7136 0.8194	Water Level (ft TIC) 15.36 15.37 15.37 15.37	HALLA Temp. (Celcius) [3%]* 8.00 8.13 8.42 8.5]	7.36 7.32 7.33	3C1461 Sp. Cond. (mS/cm) [3%1" - 1.344 1.324 1.322 1.322	Turbidity (NTU) [10% or 1 NTU] 12 10 5	10.33 10.06 9.74 9.40	8329 ORP (mV) (10 mV) - 245.7 - 240.8 - 241.3 - 241.2
Time Ra (Um) 1420 100 1 1445 100 1450 100 1454 1458 10	mp ate nin.) mL O mL	Total Gallons Removed 0.529 0.64/3 0.7136 0.8194	Water Level (ft TIC) 15.36 15.37 15.37 15.37	HALLA Temp. (Celcius) [3%]* 8.00 8.13 8.42 8.5]	7.36 7.32 7.33	3C1461 Sp. Cond. (mS/cm) [3%1" - 1.344 1.324 1.322 1.322	Turbidity (NTU) [10% or 1 NTU] 12 10 5	10.33 10.06 9.74 9.40	8329 ORP (mV) (10 mV) - 245.7 - 240.8 - 241.3 - 241.2

WELL INFORMATION Reference Point Marked? Weil Diameter 2" Screen Interval Depth 2-22' Meas. From Water Table Depth 451' Meas. From TiC Well Depth 15'43 Meas. From TiC Well Depth 16'83 Meas. From TiC Length of Water Column 10'84' Meas. From TiC Volume of Water in Well 18'64' Meas. From TiC Intake Depth of pump/tubing Meas. From TiC Reference Point Identification: FIC: Top of Inner (PVC) casing From TiC: Top of Inner (PVC) casing From TiC: Top of Outer (protective) casing Grade/BGS: Ground Surface	ather <u>J</u>	R	Require () () () () () () () () () (y close	VOC: VOC: S PCB	me 10): ID ESAU	N5		ecter
Reference Point Marked? Well Diameter Screen Interval Depth Water Table Depth Length of Water Column Volume of Water in Well Intake Depth of pump/tubing Reference Point Identification: TC: Top of Inner (PVC) casing OC. Top of outer (protective) casing Redevelop? Reference Point Marked? Neas. From TC Meas. From TC Meas. From TC Meas. From TC Meas. From TC Reference Point Identification: TC: Top of outer (protective) casing Redevelop? Redevelop? Redevelop? Redevelop? Neas. From TC Reference Point Identification: TC: Top of outer (protective) casing Redevelop? Redevelop? Redevelop? Redevelop? Neas. From TC		(()	s	Sample Ti Sample Duplicate MS/M Spilt Sample Analytica VOC: VOC: S PCB	ine 10); it D Essili it D III it D III it D III it D III it Parameters is (Std. fist) is (Exp.list)	N5		ecte
Reference Point Marked? Height of Reference Point Well Diameter 2/1 Screen Interval Depth 2-22' Meas. From Water Table Depth 451 Meas. From Well Depth 513 Meas. From Tic Length of Water Column Volume of Water in Well Intake Depth of pump/tubing Intake Depth of pump/tubing Intake Depth Interval Depth Meas. From Intake Depth of pump/tubing Intake Depth of pump/tubing Reference Point Identification: IC: Top of Inner (PVC) casing OC. Top of outer (protective) casing rade/BGS: Ground Surface Redevelop? Neas. From Tic		(()		Sample Duplicate MS/M Split Sample Analytica VOC: VOC: S PCB	ID ESAN ID ID ID ID ID ID ISSO ID ISSO ISSO ISSO ISSO ISSO ISSO ISSO ISSO	N5		ecter
Height of Reference Point —0, 96 Meas. From Well Diameter 2/1 Screen Interval Depth 2-22 Meas. From Tic Well Depth 15:43 Meas. From Tic Well Depth 15:43 Meas. From Tic Length of Water Column 10, 89 Volume of Water in Well 1,8 calls 1> Intake Depth of pump/tubing 10 Meas. From Tic Meas. From Tic C: Top of Inner (PVC) casing OC. Top of outer (protective) casing rade/BGS: Ground Surface		(()		Duplicate MS/M Split Sample Analytica VOC: VOC: S PCB	ID ISD ID ID ID IS (Std. list) is (Exp.list)			ecte
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Screen Interval Depth 2-22' Meas. From Water Table Depth 451' Meas. From TiC Well Depth 15143 Meas. From TiC Length of Water Column 10.89 Volume of Water in Well 1.8 Cal) Meas. From TiC Intake Depth of pump/tubing Meas. From TiC eference Point Identification: C: Top of Inner (PVC) casing DC. Top of outer (protective) casing rade/BGS: Ground Surface		(()		Analytica VOCa VOCa PCB	al Parameters s (Std. list) s (Exp.list)	=	Calif	ecte
Water Table Depth 451 Meas. From TiC Well Depth 15.43 Meas. From TiC Length of Water Column 16.89 Volume of Water in Well 1.8 CA) Meas. From TiC Intake Depth of pump/tubing Meas. From Meas. From TiC eference Point Identification: C: Top of Inner (PVC) casing DC. Top of outer (protective) casing rade/BGS: Ground Surface		(()		Analytica VOC: VOC: S PCB	al Parameters s (Std. list) s (Exp.list)	-	Cosi	ecte
Well Depth 15.43 Meas. From Ti'C Length of Water Column 10.89 Volume of Water in Well 1.8 Callons Intake Depth of pump/tubing Meas. From Ti'C eference Point Identification: C: Top of Inner (PVC) casing DC. Top of outer (protective) casing rade/BGS: Ground Surface		(()	ed)	VOC: VOC: S PCB	s (Std. list) s (Exp.list)		Cali	ecte
Length of Water Column Volume of Water in Well I.S. Callors Intake Depth of pump/tubing Meas. From TC eference Point Identification: C: Top of Inner (PVC) casing CC. Top of outer (protective) casing rade/BGS: Ground Surface		(()	ed)	VOC: VOC: S PCB	s (Std. list) s (Exp.list)	-	Cost	ecte
Volume of Water in Well Intake Depth of pump/tubing Meas. From Meas. From TC Seference Point Identification: C: Top of Inner (PVC) casing CC. Top of outer (protective) casing rade/BGS: Ground Surface	1 1 1 1 1	((((((((((((((((((()	VOC: S PCB	(Exp.list)		5	- 1
Intake Depth of pump/tubing		(() () () () () () () () () (()		S PCB			20	- 7
eference Point Identification: C: Top of Inner (PVC) casing CC. Top of outer (protective) casing rade/BGS: Ground Surface	4 4 8 6 6		()		PCB	V-0-0		t	1
C: Top of Inner (PVC) casing CC: Top of outer (protective) casing ade/BGS: Ground Surface	(1 2 0 0	((((((><)			s (Total)		40	7
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CC. Top of outer (protective) casing ade/BGS: Ground Surface edevelop? Y	1 6 6	1 (1			norg. (Total)			1
edevelop? Y N	(į. (,			rg. (Dissolved)		1
edevelop? Y (N)	((s/PCDFs	700	-	1
	((,			st/Herb		6	1
	ŧ		,		Natural	Attenuation		1	1
		- 6	1		Other	(Specify)		1)
ACUATION INFORMATION									
Pump Start Time 0855 Pump Stop Time 1075 Pump Stop Time 90 Mail Penstallic Pump (X			Baile)		Bladder rsible Pump	Pump ()	Other/S)	pecify	(1
				no_I	T	5000			100
Water Quality Meter Type(s) / Senal Numbers: XX SSL (0.3MO23C		230	AC,	/H	ACH THÍ	3BDITY	ME	जन्द <u>ि</u>	-
the son (Announce	n (0230		. Cond		Turbidity	00			_
			of lame		(NTU)		- 1	ORI	P
Pump Total Water Temp, pH Sp Time Rate Gallons Level (Celcius) (n	Sp (m	Sp.	nS/cm)	1000000		(mg/l)		(mV	
Pump Total Water Temp. pH Sp Time Rate Gallons Level (Celcius) (n [L/min.] Removed (ft TIC) (3*4)* (0 1 units)*	Sp (m	Sp.	(3%)*	[109	% or I NTU				1
Pump Total Water Temp, pH Sp	Sp (m	Sp.	STATE OF	[109	384			(mV	1
Pump Total Water Temp. pH Sp	Sp (m	Sp.	STATE OF	[10*	3 84 75			(mV	1
Pump Total Water Temp, pH Sp Time Rate Gallons Level (Celcius) (n [L/min.) Removed (ft TIC) (3*4)* (0 1 units)* 855 0.100 -0 4.92 900 0.100 0.3 5.75	Sp (m	Sp.	STATE OF	110%	284 75 (e)			(mV	1
Pump Total Water Temp, pH Sp Time Rate Gallons Level (Celcius) (n [L/min.] Removed (ft TIC) (3*4)* (0 1 units)* 855 6.100 0 4.52 900 9.100 0.3 5.75 7910 0.400 0.4 5.88	Sp (m	Sp. (m5	[3%]*	[10°	384 75 61 49	[10%]	- -	(mV (10 m	vi-
Pump Total Water Temp. pH Sp Time Rate Gallons Level (Celcius) (n [Limin.] Removed (ft TIC) (3*4* (0 1 units)* 855 6-100 0 4.52 900 9-100 9-1 5.49	Sp (m	Sp. (ms) (3	(3%).	[10°	384 75 (c) 49	110%]		(mV (10 m) vi-
Pump Total Water Temp. pH Sp. [Celcius] (n. [Limin.]) Removed (ft TIC) (3*1* (0 1 units)* (n. [Limin.]) Removed (ft TIC) (n. [Limin.]) Remove	Sp (n	Sp. (ms (3	(3%)	10°	3 84 75 61 49 24 31	#30 0.36	1	(mV (10 m	n vi-
Pump Total Water Temp. pH Sp. Time Rate Gailons Level (Celcius) (n. [Umin.] Removed (ft TIC) (3*,1* [0 1 units]* 855 6.100 0 4.5.49	Sp (m	Sp. (ms (3	(3%)* (639) (638)	1100	25 (6) (9) 24 3) 28	#50 6.56 6.43	1	(mV (10 m	n vi-
Pump Total Water Temp. pH Sp. [Celcius] (n. [Limin.]) Removed (ft TIC) (3*4]* (0 1 units]* (n. [Limin.]) Removed (ft TIC) (3*4]* (0 1 units]* (n. [No. 1]) Removed (ft TIC) (3*4]* (0 1 units]* (n. [No. 1]) Removed (ft TIC) (3*4]* (0 1 units]* (n. [No. 1]) Removed (ft TIC) (3*4]* (0 1 units]* (n. [No. 1]) Removed (ft TIC) (3*4]* (0 1 units]* (n. [No. 1]) Removed (ft TIC) (3*4]* (0 1 units]* (n. [No. 1]) Removed (ft TIC) (3*4]* (0 1 units]* (n. [No. 1]) Removed (ft TIC) (3*4]* (0 1 units]* (n. [No. 1]) Removed (ft TIC) (3*4]* (0 1 units]* (n. [No. 1]) Removed (ft TIC) (3*4]* (0 1 units]* (n. [No. 1]) Removed (ft TIC) (3*4]* (0 1 units]* (n. [No. 1]) Removed (ft TIC) (3*4]* (0 1 units]* (n. [No. 1]) Removed (ft TIC) (3*4]* (0 1 units]* (n. [No. 1]) Removed (ft TIC) (3*4]* (0 1 units]* (n. [No. 1]) Removed (ft TIC) (3*4]* (0 1 units]* (n. [No. 1]) Removed (ft TIC) (3*4]* (0 1 units]* (n. [No. 1]) Removed (ft TIC) (3*4]* (n. [No. 1]) Removed (ft TIC) (n.	Sp (m	Sp. (ms (3)	(3%)* (639 (638 (638	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 84 75 61 49 24 31 28 8	#50 6.56 6.93 0.37	1:	(mV (10 m 73: 5/25.8	7 B
Pump Total Water Temp. pH Sp	Sp (m	Sp. (ms (3)	(3%) ¹ (639 (638 (638 (637)	10°	3 84 75 61 49 24 31 28 8	#50 6.56 6.93 0.37	13	(mV (10 m (15 m) (15 m) (15 m) (15 m) (15 m) (15 m) (16 m) (16 m) (17 m) (17 m) (17 m) (17 m) (18 m)	7 8
Pump Total Water Temp. pH Sp	Sp (m)	Sp. (ms (3)	(3%) ¹ (639 (638 (638 (637 (637	10°	3 84 75 61 49 24 31 28 8	#50 6.56 6.93 0.37 0.37	13	(mV (10 m (10 m (57 e) 25.8 25.8 26.3 37.4 87.4	7 8
Pump Total Water Temp. pH Sp Time Rate Gallons Level (Celcius) (n [Limin.] Removed (ft TIC) (3%1* [0 1 units]* (n 855 8.100 0 4.92 - 960 9.100 9.1 5.99 - 805 0.100 0.3 5.15 - 910 0.400 0.4 5.83 - 915 0.100 0.4 5.83 - 915 0.100 0.5 5.95 8.23 7.00 920 6.100 0.7 5.98 8.05 7.17 0.0 925 6.100 0.8 6.00 8.23 7.26 0.0 935 6.100 0.9 6.00 8.00 7.30 0.0 945 0.100 1.2 6.00 8.10 7.32 0.0 945 0.100 1.3 6.00 8.10 <	Sp (n (n))	Sp. (ms (3)	(3%) (639) (638) (638) (637) (637) (637)	10°	3 8 8 8 3 1 1 0 0	#50 6.56 6.93 0.37	13	(mV (10 m (15 m) (15 m) (15 m) (15 m) (15 m) (15 m) (16 m) (16 m) (16 m) (17 m) (17 m) (17 m) (18 m)	7 8

Weil No.	C 3/2(1)					-	1 /EASTS	-/11-01	1000
Key No				San	npling Personne		EMF	370	
PID Ba	ckground (ppm				Date	-			
	eadspace (ppm				Weathe	1 Mostly	chung ~ 50	F	
	/								
WELL INFOR	MOTTAMS						Sample Tim	e	
Referen	ce Point Marked	7 Y N					Sample II		
Height o	f Reference Poir	di	Meas. From				Duplicate II	00	
83	Weil Diamete	r					MS/MS	_	
Scre	en interval Depti	h \	Meas. From		_		Split Sample II		
W	ater Table Depti	h	Meas. From						
	Well Depti	h	Meas. From			Required	Analytical	Parameters:	Collecti
Length	of Water Column	n	_ \			1)	VOCs	(Std. list)	(
	of Water in Wel		_	150		()	VOCa	(Exp.list)	
	th of pump/tubing		Meas. From	600	200	()	sv	OCs	
		-	=2/	-	7).	()	PC8s	(Total)	f 1
Reference Poi	int Identification:				DAGEL	()		lissolved)	1
	ner (PVC) casino	9			1	()		org. (Total)	
	outer (protective)	Simonary						(Dissolved)	
	Bround Surface							/PCDFs	
J1606 000. (Journa Juliane							Herb	4 4
Redevelop?	Y N						200 BODSS 11778	ttenuation	11 - 12
redevelop?								Specify)	
EVACUATION	INFORMATION						Outer le	эреску	3 39
	rump Start Time								
			-		Evacuation Me	short Dolor	() Bladder P		
	ump Stop Time		-					1	
	maina				Peristaltic Pum	E 7 3	ubmersible Pump (1 3000	er/Specify (
Minutes of Pur	V1 7:		-		Comp. Toward				
Volume of wate Old well go dry	er removed 7 Y N	eter Tube(s) / S	erial Numbers		Pump Type: Samples collec	515 B	ethod as evacuatio	n? Y N(s	pecify)
Volume of wate Old well go dry	er removed 7 Y N Water Quality M Pump	Total	Water	Temp.		sted by same m	Turbidity	00	ORP
Volume of wate Old well go dry	er removed 7 Y N Water Quality M			Temp. (Celcius)	Samples collec	ated by same m			
Volume of wate Old well go dry	er removed ? Y N Water Quality M Pump Rate (Urnin.)	Total Gallons Removed	Water Level (ft TIC)	(Celcius)	Samples collect pH [0	Sp. Cond. (mS/cm)	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10%]*	ORP (mV) [10 mV]*
Volume of water Old well go dry	Pump Rate (Umin.)	Total Gallons Removed	Water Level (ft TIC)	(Celcius) [3%]*	pH [0 t units]*	Sp. Cond. (mS/cm)	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) (10%)*	ORP (mV) [10 mV]*
Volume of water Old well go dry	Pump Rate (Umin.)	Total Gallons Removed	Water Level (ft TIC)	(Celcius) [3%]* 8.85 8.83	pH [0 t units]* 7.39 7.91	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	00 (mg/l) (10%) 0-31	ORP (mV) [10 mV]*
Volume of water Old well go dry	Pump Rate (Umin.) 0.100	Total Gallons Removed	Water Level (ft TIC) (c. 000 (e. 000)	(Celcius) [3%]* 8.85 8.83 8.83	pH [0 t units]* 7.39 7.41	Sp. Cond. (mS/cm) [3%]* [2*6]* [2*64] [2.6473	Turbidity (NTU) [10% or 1 NTU]* I(e I'4	00 (mg/l) (10%) 0-31 (0-32 (6.30)	ORP (mV) [10 mV]* /6-2 7-7
Time	Pump Rate (L/min.) 0.100 0.100	Total Gallons Removed	Water Level (ft TIC) (00) (00) (00) (00)	(Celcius) 3% * 8,85 8,83 8,81 8,59	pH [0 units]* 7.39 7.41 7.39	Sp. Cond. (mS/cm) [3%]* OLUMS OLUMS	Turbidity (NTU) [10% or 1 NTU]* I(e IY 19	0.31 0.32 6.30 0.29	ORP (mV) [10 mV]* /6-2 7-7 -2, (e
Volume of water Old well go dry	Pump Rate (Umin.) 0.100	Total Gallons Removed 1.6 1.7 1.8 7.0	Water Level (ft TIC) (c. 000 (e. 000)	(Celcius) [3%]* 8.85 8.83 8.83	pH [0 t units]* 7.39 7.41	Sp. Cond. (mS/cm) [3%]* [2*6]* [2*64] [2.6473	Turbidity (NTU) [10% or 1 NTU]* I(e I'4	00 (mg/l) (10%) 0-31 (0-32 (6.30)	ORP (mV) [10 mV]* /6-2 7-7
Time	Pump Rate (L/min.) 0.100 0.100	Total Gallons Removed 1.6 1.7 1.8 7.0	Water Level (ft TIC) (00) (00) (00) (00)	(Celcius) 3% * 8,85 8,83 8,81 8,59	pH [0 units]* 7.39 7.41 7.39	Sp. Cond. (mS/cm) [3%]* OLUMS OLUMS	Turbidity (NTU) [10% or 1 NTU]* I(e IY 19	0.31 0.32 6.30 0.29	ORP (mV) [10 mV]* /6-2 7-7 -2, (e
Time Time 1000 1005	Pump Rate (L/min.) 0.100 0.100	Total Gallons Removed 1.6 1.7 1.8 7.0	Water Level (ft TIC) (00) (00) (00) (00)	(Celcius) 3% * 8,85 8,83 8,81 8,59	pH [0 units]* 7.39 7.41 7.39	Sp. Cond. (mS/cm) [3%]* OLUMS OLUMS	Turbidity (NTU) [10% or 1 NTU]* I(e IY 19	0.31 0.32 6.30 0.29	ORP (mV) [10 mV]* /6-2 7-7 -2, (e
Time Time 1000 1005	Pump Rate (L/min.) 0.100 0.100	Total Gallons Removed 1.6 1.7 1.8 7.0	Water Level (ft TIC) (00) (00) (00) (00)	(Celcius) 3% * 8,85 8,83 8,81 8,59	pH [0 units]* 7.39 7.41 7.39	Sp. Cond. (mS/cm) [3%]* OLUMS OLUMS	Turbidity (NTU) [10% or 1 NTU]* I(e IY 19	0.31 0.32 6.30 0.29	ORP (mV) [10 mV]* /6-2 7-7 -2. (e
Volume of water Old well go dry Time 1000 1905 1010 1015 The stabilization	Pump Rate (Umin.) 0.100 0.100 0.100	Total Gallons Removed 1.6 1.7 1.8 7.0 7.1	Water Level (ft TIC) (a.00) (a.00) (a.00) (a.50) (a.50)	(Celcius) [3%]* 8.85 8.83 8.81 8.59 8.44	pH [0 t units]* 7.39 7.41 7.39 7.41	Sp. Cond. (mS/cm) [3%]* @E WY3 0.043	Turbidity (NTU) [10% or 1 NTU]* I(e IY 19	0.31 0.32 6.30 0.29	ORP (mV) [10 mV]* /6-2 7-7 -2.6 -/8-0
Volume of water Old well go dry Time 1000 1905 1010 1015 The stabilization	Pump Rate (L/min.) 0.100 0.100 0.100	Total Gallons Removed 1.6 1.7 1.8 7.0 7.1	Water Level (ft TIC) (a.00) (a.00) (a.00) (a.50) (a.50)	(Celcius) [3%]* 8.85 8.83 8.81 8.59 8.44	pH [0 t units]* 7.39 7.41 7.39 7.41	Sp. Cond. (mS/cm) [3%]* @E WY3 0.043	Turbidity (NTU) [10% or 1 NTU]* 1(e 14 13 12	0.31 0.32 6.30 0.29	ORP (mV) [10 mV]* /6-2 7-7 -2.6 -/8-0
Time Time JOOU JOOU JOIO JOIO The stabilization BSERVATION:	Pump Rate (L/min.) 9.190 9.190 9.100 1.100 1.100 1.100 1.100 1.100 1.100 1.100	Total Gallons Removed 1.6 1.7 1.8 7.0 7.1	Water Level (ft TIC) (a.00) (a.00) (a.00) (a.50) (a.50)	(Celcius) [3%]* 8.85 8.83 8.81 8.59 8.44	pH 0 units * 7.39 7.41 7.39 7.41 7.41 7.39 7.41	Sp. Cond. (mS/cm) [3%]* [24] [25]	Turbidity (NTU) [10% or 1 NTU]* 1(e 14 13 12	0.31 0.32 6.30 0.29	ORP (mV) [10 mV]* /6-2 7-7 -2.6 -/8-0
Time Time DOU 1005 1010 1015 The stabilization BSERVATION AMPLE DESTIIL	Pump Rate (L/min.) 9.190 9.190 9.100 1.100 1.100 1.100 1.100 1.100 1.100 1.100	Total Gallons Removed 1.6 1.7 1.8 7.0 7.1	Water Level (ft TIC) ((Celcius) [3%]* 8.85 8.83 8.81 8.59 8.44	pH 0 units * 7.39 7.41 7.39 7.41 7.41 7.39 7.41	Sp. Cond. (mS/cm) [3%]* @E WY3 0.043	Turbidity (NTU) [10% or 1 NTU]* 1(e 14 13 12	0.31 0.32 6.30 0.29	ORP (mV) [10 mV]* /6-2 7-7 -2.6 -/8-0
Time Time JOOU 1005 JOIO JOIS The stabilization BSERVATION AMPLE DESTIL Laboratory: Delivered Via:	Pump Rate (L/min.) 0.100 0.100 0.100 0.100 n criteria for each S/SAMPLING M	Total Gallons Removed J.G J.7 J.8 Z.0 Z-1	Water Level (ft TIC) ((Celcius) [3%]* 8.85 8.83 8.81 8.59 8.44	pH 0 units * 7.39 7.41 7.39 7.41 7.41 7.39 7.41	Sp. Cond. (mS/cm) [3%]* [24] [25]	Turbidity (NTU) [10% or 1 NTU]* 1(e 14 13 12	0.31 0.32 6.30 0.29	ORP (mV) [10 mV]* /6-2 7-7 -2.6 -/8-0

West H	0.				Site/GMA Nam	-	/Lyman si	11/45/6	
West H				Sam	opling Personn	767		700	
	ackground (ppm			-	Dat Weathe	4 1	chewy ~509	-	
	feadspace (ppm	0-0		_	***COUR	1 HARIN	Carry 309		
WELL INFO	RMATION	_					Sample Tim	e 144	5
	nce Point Marked	? (Y) N					Sample II	LS-2	9
Height o	of Reference Poin	t -0.18	Meas. From	BGS			Duplicate II		
	Well Diamete	r_Z"	_				MS/MS	0	-
Scre	een Interval Depti	24.6-34.6	Meas. From	B65	_		Split Sample ID		-
V	Vater Table Depth		_ Meas. From	JIC	_				
	Weil Depth	0.0	_ Meas. From	Tic	-	Required		Parameters:	Collected
	of Water Column	-	<u> </u>			()		(Std. list)	()
	e of Water in Wel			Tre A		()		(Exp.list) CCs	()
іпкаке Бер	oth of pump/tubing	27.0	_ Meas. From	Bes	-	, ,		(Total)	1 1
Palaranas Da	oint Identification:					ix		issolved)	(A)
	nner (PVC) casing					()		org. (Total)	'n
	cuter (protective)	Termentone					Metals/Inorg.		4 1
	Ground Surface					1 1		PCDFs	()
	~					()	Pest	Herb	1 1
Redevelop?	YN					()	Natural A	tenuation	()
100						1 1	Other (S	Specify)	()
VACUATION	NINFORMATION								
	Pump Start Time	/355	-					80	2
1	Pump Stop Time	1477	-		Evacuation Me			-	
finutes of Pu	mping	GO MIN	NED		Penstaltic Puri		lubmersible Pump () Oth	er/Specify ()
olume of wat	er removed	1. G GALL	د تو		Pump Type:	GEODWA	11-9	-	
id well go dry	0	eter Tyge(s) / S	enal Numbers	YV: 556	W E1 E1		Pethod as evacuation	\circ	specify)
id well go dry	Water Quality M	eter Type(s) / S	enal Numbers:	שבב ונצ	(03M02	30 Ac)	/H44+ TUR	BIDITY	METER
	Water Quality M	Total	Water	Temp.	W E1 E1	30 Ac)	/H4U+ TUZ	BIDITY 1	METER.
id well go dry	Water Quality M Pump Rate	Total Gallons	Water Level	Temp. (Celcius)	<u>/03M02</u>	Sp. Cond.	Turbidity (NTU)	BIDIT, 1	ORP (mV)
Пте	Water Quality M Pump Rate (Umin.)	Total Gallons Removed	Water Level (ft TIC)	Temp.	(03M02	30 Ac)	Turbidity (NTU) [10% or 1 NTU]*	BIDITY 1	METER.
Time	Pump Rate (Umin.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celcius)	<u>/03M02</u>	Sp. Cond.	Turbidity (NTU) [10% or 1 NTU]*	BIDIT, 1	ORP (mV)
Time	Pump Rate (Umin.) 0. 100 8./80	Total Gallons Removed	Water Level (ft TIC) 12-75	Temp. (Celcius)	<u>/03M02</u>	Sp. Cond.	Turbidity (NTU) [10% or 1 NTU]* 18 82	BIDIT, 1	ORP (mV)
Time	Pump Rate (Umin.) 0. 100 6. 160 9.100	Total Gaillons Removed O-1 0.3	Water Level (ft TIC) 12-7-5 12-7-5	Temp. (Celcius)	<u>/03M02</u>	Sp. Cond.	Turbidity (NTU) [10% or 1 NTU]* 18 82	BIDIT, 1	ORP (mV)
Time 1355 400 485 410	Pump Rate (Umin.) 0. 100 6. /60 0.100	Total Gaillons Removed O . 1 O . 3 O . 4	Water Level (ft TIC) 12-75 12-75 12-75	Temp. (Celcius)	<u>/03M02</u>	30 Ac)	Turbidity (NTU) [10% or 1 NTU]* /8 82 86 70 39	BIDIT, 1	ORP (mV)
1355 400 400 400 410 410	Pump Rate (Umin.) 0. 100 6. /60 9. 100	Total Gaillons Removed O . 1 O . 3 O . 4 O . 5	Water Level (ft TIC) 12-7-5 12-7-5 12-7-5 12-7-5 12-7-5	Temp. (Celcius) [3%]*	pH [0.1 units]*	30 Ac)	Turbidity (NTU) [10% or 1 NTU]* /8 82 86 70 39	BIDITY 1	ORP (mV)
Time 1355 400 405 410 415 H20	Pump Rate (Umin.) 0. 100 6. /60 0. 100 0. 100	Total Gaillons Removed O 1 O 3 O 7 O 7	Water Level (ft TIC) 12-7-5 12-7-5 12-7-5 12-7-5 12-7-5	Temp. (Celcius) [3%]*	pH [0.1 units]*	Sp. Cond.	Turbidity (NTU) [10% or 1 NTU]* / /- /- /- /- /- /- /- /- /- /- /- /	BIDIT, 1 DO (mg/l) 110%; 1	ORP (mV) [10 mV]*
Time 1355 400 405 410 415 420 425	Pump Rate (Umin.) 0. 100 6. /60 9. 100	Total Gaillons Removed O . 1 O . 3 O . 4 O . 5	Water Level (ft TIC) 12-7-5 12-7-5 12-7-5 12-7-5 12-7-5 12-7-5	Temp. (Celcius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]* /	BIDIT, 1 DO (mg/l) 110%; 1	ORP (mV) [10 mV]*
Time 3555 400 405 410 415 420 425	Water Quality M Pump Rate (Umin.) 0. 100 0.100 0.100 0.100 0.100	Total Gaillons Removed O 1 O 3 O 7 O 7 O 7	Water Level (ft TIC) 12-7-5 12-7-5 12-7-5 12-7-5 12-7-5	Temp. (Celcius) [3%]*	pH [0 1 units]*	30 Ac) Sp. Cond. (mS/cm) [3%]' 0.589 0.590 0.591	Turbidity (NTU) [10% or 1 NTU]* 82 80 70 39 39 26 23 19	BIDIT, 1 DO (mg/l) [10%]*	ORP (mV) [10 mV]* 7058 108.4 108.5
Time 1355 400 405 410 415 H20 425 1430	Water Quality M Pump Rate (Umin.) 0. 100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed 9.1 9.3 9.4 9.5 0.7 0.8 6.9	Water Level (ft TIC) 12-75 12-75 12-75 12-75 12-75 12-75	Temp. (Celcius) [3%]* [3%]* [0.53]	(63M02 pH 01units *	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]* 82 80 70 39 39 26 23	BIDITY 1. DO (mg/l) 110% 1. S.84 4.74 4.74 4.45	ORP (mV) [10 mV]*
1355 1400 1405 1410 1415 1420 1425 1430 1435	Pump Rate (Umin.) 0. 100 6. 180 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed 9.1 9.3 0.4 9.5 0.7 0.8 0.9	Water Level (ft TIC) 12-75 12-75 12-75 12-75 12-75 12-75 12-75	Temp. (Celcius) [3%]* 10.53 10.54 10.49 10.20	pH [0 1 units]*	30 Ac) Sp. Cond. (mS/cm) [3%]' 0.589 0.590 0.591	Turbidity (NTU) [10% or 1 NTU]* 82 80 70 39 39 26 23 19	BIDITY 1. DO (mg/l) 10%1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ORP (mV) [10 mV]* 165.8 168.4 168.5

Well No. LSSC-08S SITE/GMA Name GMAI

PID Background (ppm Well Headspace (ppm WELL INFORMATION Reference Point Marked Height of Reference Point Well Diamete Screen Interval Depth Water Table Depth Well Depth Length of Water Column Volume of Water in Well Intake Depth of pump/tubing	on) O	Meas, From Meas, From Meas, From Meas, From	BGS		7	Sample Tin Sample Ouplicate MS/MS Split Sample	5P_LSSC 10 _LSSC 10 _	100000000000000000000000000000000000000	
WELL INFORMATION Reference Point Marked Height of Reference Poin Well Diamete Screen Interval Depth Water Table Depth Well Depth Length of Water Column Volume of Water in Wei Intake Depth of pump/fubing	d7 (Y) N int -0.25 er -0.25 th -0.80 th -0.80 th -0.80 th -0.65 ell -0.65 ell -0.65	Meas. From	B65	<u> </u>	er <u>CLor</u>	Sample Tin Sample Duplicate MS/MS	5P_LSSC 10 _LSSC 10 _	100000000000000000000000000000000000000	
Reference Point Marked' Height of Reference Point Well Diamete Screen Interval Depth Water Table Depth Well Depth Length of Water Column Volume of Water in Well Intake Depth of pump/fubing	int -0.25 er $2''$ th $5-15.0$ th 10.80 th $14.78'$ an $3.98'$ ell $0.65g$	Meas. From	B65			Sample Duplicate MS/MS	ne <u>LSSC</u> 10 <u>LSSC</u> 10	100000000000000000000000000000000000000	
Reference Point Marked' Height of Reference Point Well Diamete Screen Interval Depth Water Table Depth Well Depth Length of Water Column Volume of Water in Well Intake Depth of pump/fubing	int -0.25 er $2''$ th $5-15.0$ th 10.80 th $14.78'$ an $3.98'$ ell $0.65g$	Meas. From	B65			Sample Duplicate MS/MS	ID LSSC	100000000000000000000000000000000000000	
Height of Reference Poin Well Diamete Screen Interval Depth Water Table Depth Well Depth Length of Water Column Volume of Water in Well Intake Depth of pump/tubing	int -0.25 er $2''$ th $5-15.0$ th 10.80 th $14.78'$ an $3.98'$ ell $0.65g$	Meas. From	B65			Duplicate MS/MS	ID	-083	3
Well Diamete Screen Interval Depth Water Table Depth Well Depth Length of Water Column Volume of Water in Wel Intake Depth of pump/fubing	er 2" th 5-75.0 th 10.80 th 14.78" an 3.98"	Meas. From	B65			MS/MS	8:10:		
Screen Interval Depti Water Table Depti Well Depti Length of Water Column Volume of Water in Wel Intake Depth of pump/fubing	th $5-15.0$ th 10.80 th $14.78'$ in $3.98'$	Meas. From		_			SD -		_
Water Table Depth Well Depth Length of Water Column Volume of Water in Wel Intake Depth of pump/tubing	th 10.80 th 14.78' in 3.98' ell 0.659	Meas. From		_		Solit Sample !	()		_
Well Depth Length of Water Column Volume of Water in Wel Intake Depth of pump/tubing	th $\frac{14.78}{3.98}$ in $\frac{3.98}{0.659}$		TIC			-	ID	_	
Length of Water Column Volume of Water in Wei Intake Depth of pump/tubing	in 3.98'	Meas, From	TIC		42 553				
Volume of Water in Wei Intake Depth of pump/tubing	1 0.659	_		_	Required		i Parameters:	Co	ilecte
Intake Depth of pump/tubing		A.			()		(Std. list)	()
	g (3.00°V	Commence of the commence of th			()		(Exp.list)	- 3)
Reference Point Identification:	217 - 200 - 1	_Meas, From	TIC	_	()		VOCs	()
Reference Point Identification:					()		s (Total))
					(X)		Dissolved)	()	X
TIC: Top of Inner (PVC) casing	ng .				()		norg. (Total)	36	. 7
TOC: Top of outer (protective)) casing				0.7		g. (Dissolved)	1	- 1
Grade/BGS: Ground Surface					1 1		s/PCDFs	.1)
^					()		t/Herb		1
Redevelop? Y (N)					()	Natural A	Attenuation	1)
					()	Other ((Specify)	4	1
EVACUATION INFORMATION Pump Start Time	15.00								
Did well go dry? Y (N)	6.7	al		Pump Type:			YSTEMI		_
	0			Samples colle	ected by same n	nethod as evacuatio	YSTEM 3	C pecify)	
Water Quality Me	Meter Type(s) / So		HAC H	Samples colle	ected by same n	nethod as evacuation	YSTEM 3	C pecify)	
		enal Numbers	YSI	Samples colle TURBIS 550	METER C3C,/S	021000	YSTEM 3 on? ONIS	pecify)	
Pump	Total	enal Numbers. Water	YSI Temp.	Samples colle	METER C3()/9	O24000 H(o/	957EM 3 0007 O N(S)	pecify)	RP
Pump Time Rate	Total Gallons	enal Numbers. Water Level	YSI Temp. (Celcius)	TURBIS	METER C3(,/9 Sp. Cond. (mS/cm)	O24000 Turbidity (NTU)	957EM 3 0017 (S) N(S) 02832 00 (mg/l)	pecify) OF	RP 1V)
Pump Time Rate (Umin.)	Total	water Level (ft TIC)	YSI Temp.	Samples colle TURBIS 550	METER C3()/9	O24000 Turbidity (NTU) [10% or 1 NTU]*	957EM 3 0017 (S) N(S) 02832 00 (mg/l)	pecify) OF	RP
Pump Rate (Umin.) 15:14 0.100	Total Gallons Removed	Water Level (ft TIC)	YST Temp. (Celcius)	Samples colle TUPE () SS(p) pH [0 1 units]*	DMETER C3C,/S Sp. Cond. (mS/cm) [3%]*	O24000 Turbidity (NTU) [10% or 1 NTU]*	028329 (mg/l) (10%)	pecify) OF	RP 1V)
Time Rate (Umin.) 15:14 0.100	Total Gallons Removed	Water Level (ft TIC) 10-85	YST Temp. (Celcius) 3% *	Samples colle TURBIS SS(p pH 0 units	METER C3 ()/4 Sp. Cond. (mS/cm) [3%]	Turbidity (NTU) [10% or 1 NTU]*	028329 000 (mg/l) 110%;	pecify) OF	RP 1V)
Time Rate (Umin.) 15:14 0.100 15:24 0.100	Total Gallons Removed 10, 0.2.04 0.3969	Water Level (ft TIC) 10-85 10-90	YST Temp. (Celcius) 3% * 0.26	Samples colle TURBIS SS(p) pH [0 : units]* 6.53 6.51	METER C3 ()/4 Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) (10% or 1 NTU)*	028329 000 (mg/l) 10%;1	OF (m [10 n - 24a)	RP 1V)
Time Rate (Umin.) 15:14 0.100 15:24 0.100 15:24 0.100 15:34 0.100	Total Gallons Removed 10.0209 0.3969 0.5392	Water Level (ft TIC) 10-35 10-90 10-94	YSI- Temp. (Celcius) 3% - 0.26 0.01 9.74	Samples colle TURBIS SS(p pH 0:units *	METER C3 (02-000	028329 000 (mg/l) 110%1 11.20 8.98	OF (m [10 n - 24a - 25 - 25]	RP 1V) 71V)*
Time Rate (Umin.) 15:14 0.100 15:24 0.100 15:34 0.100 15:39 0.100	Total Gallons Removed 10.0204 0.3969 0.5292 0.6605	Water Level (ft TIC) 10-85 10-90 10-94 10-94	YSI Temp. (Celcius) 3% * 10.26 10.01 9.74 9.62	Samples colle TURBIS SSO pH 0 units	Sp. Cond. (mS/cm) [3%]*	02.000	DO (mg/l) 10%; 10%; 10%; 10%; 10%; 10%; 10%; 10%;	OF (m [10 n - 246: - 25 n - 25	RP 1V)
Time Rate (Umin.) 15:14 0.100 15:24 0.100 15:34 0.100 15:39 0.100 15:43 0.100	Total Gallons Removed 10.0209 0.3969 0.5392 0.6665 0.7673	Water Level (ft TIC) 10-85 10-90 10-94 10-94 10-99	YSI- Temp. (Celcius) 3% - 0.26 0.01 9.74	TURBING SS (p pH 0 units * 6.53 6.51 6.53 6.54	METER C3(// Sp. Cond. (mS/cm) [3%]	02-000	DO (mg/l) 10%; 10%; 10%; 10%; 10%; 10%; 10%; 10%;	OF (m [10 n - 24a - 25 - 25]	RP (1V) 3.4 (6.7)
Time Rate (Umin.) 15:14	Total Gallons Removed 10.0209 0.3969 0.5392 0.6665 0.7673	Water Level (ft TIC) 10-85 10-90 10-94 10-99 10-99 10-99	YSI Temp. (Celcius) 3% * 10.26 10.01 9.74 9.62 9.52 9.45	Samples colle TURBIS SSO pH 0 : units *	Sp. Cond. (mS/cm) [3%]* 1.144 1.161 1.175 1.191 1.200	02.000	DO (mg/l) (10%) (7.20 8.98 8.52 8.12 7.31 7.41	OF (m [10 / -2625] -25] -25]	3.6 3.8 3.8 3.8
Time Rate (Umin.) 15:14 0.100 15:24 0.100 15:24 0.100 15:34 0.100 15:39 0.100 15:43 0.100 15:47 0.100 15:51 0.100	Total Gallons Removed 10.0204 0.3969 0.5292 0.6665 0.7673 0.8731 0.9789	Water Level (ft TIC) 10-85 10-90 10-94 10-99 10-99 10-99	YSI- Temp. (Celcius) 3% - 0.26 10.01 9.74 9.62 9.52 9.45	Samples colle TURBIS SSQ pH [0 i units]* 6.53 6.51 6.52 6.53 6.54 6.54 6.56	Sp. Cond. (mS/cm) [3%]* 1.144 1.1(6) 1.175 1.191 1.200 1.213	02.000	DO (mg/l) (10%) (1	OF (m) [10 n] -24 n] -25 n] -25 n] -25 n] -25 n]	3.6 8.5 8.5 7.1
Time Rate (Umin.) 15:14	Total Gallons Removed 10.0209 0.39169 0.5292 0.16615 0.7673 0.8731 0.9789 1.0847	Water Level (ft TIC) 10-85 (0-90 10-94 10-99 10-99 10-99 10-99	YSI- Temp. (Calcius) 3"6 " 10.26 10.01 9.74 9.62 9.45 9.45 9.34 9.26	Samples colle TURBIS SSQ pH [0 1 units]*	Sp. Cond. (mS/cm) [3%]* 1.144 1.1(6) 1.175 1.191 1.200 1.213 1.237	02.000	DO (mg/l) (10%) (7.20 8.98 8.52 8.12 7.31 7.41	OF (m 10 m -26 m -25 m	3.6.5 8.5 9.5
Time Rate (Umin.) 15:14	Total Gallons Removed 10.0209 0.3969 0.5392 0.6665 0.7673 0.8731 0.9789 1.0847	Water Level (ft TIC) 10-85 10-90 10-94 10-99 10-99 10-99 11-00 11-00	YSI Temp. (Celcius) 3% - 10.26 10.01 9.74 9.62 9.52 9.45 9.34 9.26 9.16	Samples colle TURBIS SSQ pH [0 i units]* 6.53 6.51 6.52 6.53 6.54 6.54 6.56	Sp. Cond. (mS/cm) [3%]* 1.144 1.1(6) 1.175 1.191 1.200 1.213 1.237 1.254	02.000	957EM 3 007? N(s) 028329 00 (mg/l) 110%; 10%; 10%; 10%; 10%; 10%; 10%; 10%;	OF (mm 10 mm -2 mm	3. (6. 3. 8. 5. 7. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.
Time Rate (Limin.) 15:14 O.100 15:24 6.100 15:34 0.100 15:39 0.100 15:43 0.100 15:47 0.100 15:51 0.100 15:55 0.100	Total Gallons Removed 0.3969 0.5392 0.6665 0.7673 0.8731 0.9789 1.0847 1.1905 1.2963	Water Level (ft TIC) 10-85 (0-90 10-94 10-99 10-99 10-99 10-99	YSI- Temp. (Calcius) 3"6 " 10.26 10.01 9.74 9.62 9.45 9.34 9.36	Samples colle TURBIS SSQ pH [0 1 units]*	Sp. Cond. (mS/cm) [3%]* 1.144 1.1(6) 1.175 1.191 1.200 1.213 1.237	02.000	DO (mg/l) (10%) (1	OF (m 10 m -26 m -25 m	3.16.17 8.5 9.5 1.7

Well No.	1550	1-085			Site/GMA Name	6n	1A I		
Key No.				Sam	pling Personnei	TAP			
	ckground (ppr	m) O			Date	4/8/	04	mus cuestin	
	eadspace (ppr			_	Weather	ciou	DY, 50°		
WELL INFOR	RMATION	_					Sample Time		36
Referen	ce Point Marke	d7 (7) N					Sample IC	LSSC	-082
Height o	f Reference Po	int -0,25	Meas, From	(TROUN)	D		Ouplicate ID		
	Well Dlamet		7	_			MS/MSI		
Scre	en Interval Dep		Meas. From	B6-S	_		Split Sample ID		
W	/ater Table Dep		Meas. From	_TIC		02/01/08/05	0.000	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	040000000
	Well Dep		Meas, From		e-	Required		Parameters:	Collected
	of Water Colum		- 0			1 2		Std. list)	1 1
	of Water in We	- , /	-	TIC				(Exp.list) OCs	
Intake Depl	th of pump/tubir	ng _13.00 2	_Meas, From		_	7	PCBs		1 1
	and the second							issolved)	1
	int Identification mer (PVC) casa					1		org. (Total)	1
	outer (protective						Metals/Inorg.		
	Ground Surface					- 1	PCDOs		1 1
H 100 000. 1	210010 301000					i v	Pest		0.0
edevelop?	Y (N)						Natural Al	tenuation	
						1 1	Other (S	Specity)	
VACUATION	INFORMATIO	N							
P	Pump Start Time	12:08							
F	oump Stop Fine	16142			Evacuation Me	thost Baker	Bladder P	ump (X)	
dinutes of Pur	maing	94	-511		Pensialtic Point	p () S4	ibmersible Pump () Cth	er/Specify ()
/clume of wate	erremoved	2.350	al		Primp Type	MARSCI	HALK SY	STEMS	L ,
lid well go dry	7 Y (11)				Samples collec	ed by same inc	elhod as evacuation	no (Y) Nis	pecity)
0.00					20			_	
	Water Quality	Meter Type(s) / Si	enal Numbers	MACH	TUEBLI		021000	28329	
				X7.	+ 556	0.3C			
	Pump	Total	Water	Temp.	ρΗ	Sp. Cond.	Turbidity	00	ORP
Time	Rate	Gailons	Level	(Celcius)	10.1	mS/cm) 3% *	(NTU) 110% or 1 NTUI*	(mg/l)	(mV) [10 mV]*
11	(L/min.)	Removed	(ft TIC)	3*51	6.50)	5.18	-266.1
16:11	0.100	1.5080	11.05	9.07	1 21	1.283	2	4.91	- Xalai 8
16:15	0.700	1.6138	11.02	9.08	6.51	1.287	7	4.70	-268.0
16:19	0.100	1.7194	11.07	9.00		1-291	2	4.44	270.3
16:23	0.100	1.8254	11.05	9.64	6.50	1.294	1	4.28	1-270-5
16:27	6.100	1.9312			6:50		,	4.26	-269.0
	0.700	2.0106	11.05	9.09	6.51	1304	2	4.360	-2621
16:33	0.700	2.0900	77.00	7.00	0:31	1.017		1.50	- action I
		1							
		-					1		
ha emillerit	no colore (anh finid accompts	er (throng consecut	rutiue readings o	rollected at 3, to 5	S-minute intend	als) is listed in each	column headir	ng.
		METHOD DEVIA		In to	1	2: 5/	ghly yell	ou) che	ac.
alor 1c.		MC I HOU DEVIA	nons.	2101110	Jung		gring garin	000 1010	
CBIO IC.	27								
Enal	0 011-	· . SI2-1	4/1	1/201	0/20-	no ac	lor		
FINA	purg	e: Sligh	arry go	1000	- rear	,			
MPLE DEST	INATION	J	~						
Laboratory:									
elivered Via: _						Samuel and the second			
Airbill #:_					Field Sampling (ocrdinator:		070	

Well No	. LSSC	- 165			Site/GMA Nar	me Lyma	N- GM	11	
Key No				San	npling Personr	rel KLB	JAP		
	ackground (pp	m) ()			Da	te 4/9/	04		
	leadspace (pp	1111 - TO 1824		_	Weath	er 500, C	LOUDY		
								10	. 12
WELL INFO	RMATION						Sample Tim		.42
Referen	nce Point Marke						Sample I		c-165
Height o	of Reference Po	oint - 020	_ Meas. From	BGS	(C)		Duplicate I	O DUP	-3
	Weil Diame	ter_Q"		52 354			MS/MS	:0	_
Scr	een interval Dep	on 5-15'	_ Meas. From	BGS			Split Sample II	o	_
Ý	Vater Table Dep	7.86	_Meas. From	TIC	_				
	Well Des	oth 14.72	Meas, From	TIC.		Required	Analytical	Parameters:	Collected
Length	of Water Colum	nn 6,86	,			()	VOCs	(Std. list)	()
Volum	e of Water in W	1 1 5	20			X	VOCs	(Exp.list)	X
Intake Dep	of pump/tubi	ng 11.5'	Meas, From	TIC		1 1	sv	racs	1
		,				1 1	PCBs	(Total)	4 1
elerence Or	oint Identification	9"				()		Dissolved)	1 1
	nner (PVC) casi							org. (Total)	1 1
	outer (protective					N 4		(Dissolved)	
								vPCDFs	7 3
r=000000	Ground Surface						100,700	VHerb	9
	. 0							mero menualion	4
edevelop7	0								10.0
						(8)	Other (Specify)	,
	N INFORMATIO Pump Start Tim	1 45	8:48						
d well ge un	9	Meter Type(s) / S	enal Numbers	HACILT	y RBiDii		elhod as evacuatio	n' 3 NIS	329
	Trailer adding	7,0010		451 5	56	73C1461			
	Pump	Total	Water	Temp	Hq	Sp. Cond.	Turbidity	00	ORP
Time	Rate	Gallons	Level	(Celcius)		(mS/cm)	(NTU)	(mg/l)	(mV)
	(L/min.)	Removed	(ft TIC)	13.2%	0 units)*	13°5]*	[10% or 1 NTUIT	110%;	[10 mV]*
8:49	0.150	-	7.86	-	i -	-	153	-	-
8:54	0.100	0:1323	7.86	-	-	-	157	-	-
9:59	0.100	0.2446	7.86	-	-	-	102	-	-
9:04	0.100	0.3969	7.86	_		-	95	-	_
1:09	0,100	0.5292	7.86	-	-	-	78	-	-
1:14	0,100	0.6415	7.86	_	_	1 -	61	_	_
2.19	0.100	0.7938	7.86	T	_		47	_	
7:24		0.9261	7.86	-			4/		
34				10.64	6.54	2,091	41	4,90	-316.9
7:39		1.0584	7.86	\$ 100 print 1 have a resident to the				411	-311.8
	0.100	1.1907	7.86	10.72	6.58	2.055	30	3/11	-308-2
9:44	0.100	1.3230	7.86	10.53	660	2.077	26	3.64	
9:49	0.100	1.4553	7.86	10.81	6-62	1.974	25	3-29	- 307.C
		sch field paramete METHOD DEVIA		cutive readings of	Place E	5-minute interval - TURB	(s) is listed in each	Column headi	v-Beou
THE PARTY OF				11011111	10Kgc	1000	,	STY SEE	J. Lakes V
11/10	F 314.4								
IN COL	DIZ DE	WKIKES							
IN COL	DIZ, DE	AIKIKSS		-					
IN COL	DIZ, DE	WKIKESS		-					
MPLE DEST	INATION	WKIKESO							
MPLE DEST	INATION	WKIKSS.							
MPLE DEST Laboratory; Slivered Via: Airbill #:	INATION	ALCON			Field Sampling		9		

Well No.	LSSC	1-165			Site/GMA Narm	LYM	AN-GM	Al	
Key No		_		Samı	pling Personnel				
	ckground (ppn	0 (n			Date		104		
	eadspace (ppn	"			Weather	- 1		4	
								1	
WELL INFOR	RMATION	_						10:	
Referen	ce Point Market	17 (Y) N						LSSC	
Height o	Reference Poi	int -0,20	Meas, From	BGS			Duplicate II	Due	-3
	Well Diamet	er 2"					MS/MS	0	
Scre	en interval Dep	o 5'-15'	Meas. From	BGS			Split Sample ID		
V	/ater Table Dep	m 7.86	Meas. From	TIC					
	Well Dep		Meas, From	TIC	_	Required	Analytical	Parameters:	Callected
Length	of \Vater Colum	in 6-86'	_			()	VOCs	Std. list)	1 7
Valume	e of Water in We		al	_ ^		X	VOCs	(Exp.list)	X
Intake Dep	th of pump/tubin	g_11.5'0	Meas, From	TIC	_	()	SV	OCs .	3 3
						()	PCBs	(Total)	1 1
Reference Po	int Identification					1)	PCBs (0	issolved)	1 1
IC. Top of Ir	iner (PVC) casir	19				1 1	Metais/Inc	org. (Total)	4 3
OC. Top of	outer (protective) casing				()	Metals/Inorg	(Disselved)	4 9
Grade/BGS: (Ground Surface					1 2	PCD0s	PCDF5	()
	>					C - C	Pest	Herb	. 9
Redevelop?	Y (1)					E .	Natural A	tenuation	. 7
						F	Other (Speculy)	
VACUATION	INFORMATION	Control of the Contro							
1	Pump Start Time	8:48	2						
	Pump Stop Time	10:50			Evacuation Me	thost Bailer	() Sladder P	ump (X	
Minutes of Pu	mping	122 m	in		Penstaltic Pum	p() S	ubmersible Pump. () °C:	en Specify (
/giume of wat		3.000	Ď.		Primp Type	MARSCA	IALK SYS	TEM 1	
Did well go dry		3			Samples cotted	4	elhod as evacuatio		specify)
	_							\sim	_
	Water Quality I	Meter Type(s) / S	enal Numbers	HACH	TURBIO	METE		00002	8329
				YSI	556	03	SC1461		
	Pump	Total	Water	Temp.	рН	Sp. Cond.	Turbidity	00	ORP
Time	Rate	Gallons	Level	(Celcius)		(mS/cm)	(NTU)	[mg/l]	(mV)
	[Umin.]	Removed	(ft TIC)	13,471,	(0.1 units)*	[3°5]*	[10% or 1 NTU]*	[10%]	110 mV)*
9:54	6.100	1.588	7.86	10.97	6-64	1.934	23	3.02	-309.8
9:59	0.100	1.720	7.86	11.02	6.67	1.869	19	2.93	-308,5
10:04	0.100	1,852	7,86	11.00	6,67	1.831	17	2.94	-308.1
10:09	0.100	1.984	7.86	10.83	6.69	1.794	1.5	2.96	-306.8
10:14	001.0	2.116	7.86	10.62	6.68	1.754	15	2.85	305.
10:19	0-100	2,245	7.86	10-99	6.70	1.711	12	2.69	-308
	0,100	2.377	7.80	11.41	673	1.673	LO	2.79	-307.4
10:29	0.100	2,509	7.86	11.28	6.74	1.618	9	2.90	-304.2
10:33	0,100	2.615	7.86	11.37	6.75	1.585	8	2,90	1-304,9
0:37	0.100	2.721	7,86	11.30	6.75	1,579	8	2.95	- 303.4
0:41	0.100	2.827	7.86	11.26	6.74	1.565	7	2.94	1-304.
V. TI	01100								
The stabilization	na mulania las na	ob Sold assessed	av Illhen coorea	ution readings of	offected at 7- to 5	5-minute interv	als) is listed in each	column head	ing.
		METHOD DEVIA	TIONS	T 0	OIL was .	Clen	· colori	-SS . N	forless
DOCKANIO	ASISAMPLING!	METHOD DEVIA	mons.	Finax	purge.	dear	1 cores i	111	201150
000	CATE	mour	CAL 155	- D	10-2				
LUIG	CHIES	AMPLE	Cocuer	ED . D	UP-S				
MADLE DECT	MATION								
MPLE DEST	INATION								
Laboratory:									
elivered Via:									
elivered Via: Airbill #:				F	Teld Sampling (Coordinator:			

Well Depth 18,70 gth of Water Column 5,90' ume of Water in Well 1.0 ()1-	Meas. From Meas. From Meas. From Meas. From Meas. From	Bes Pess	poling Personn Dat Weathe	te <u>4/8/</u>	Ouplicate ID MS/MS/ Split Sample ID Analytical F VOCs (VOCs (SVC	Parameters: Std. list) (Exp.list) OCs (Total) issolved) org. (Total) (Cissolved)	
FORMATION Prence Point Marked? Well Diameter Water Table Depth Well Depth Water Column Under of Water Column Well Depth of pump/tubing Point Identification: of outer (protective) casing of outer (protective) casing S. Ground Surface ON INFORMATION Pump Start Time Pump Stop Time Pumping Point Identification: ON INFORMATION Pump Start Time Pump Stop Time Pumping Pumping Pumping Pumping	Meas. From Meas. From Meas. From	P6S Tic		Required	Sample Time Sample IC Duplicate IC MS/MS/I Split Sample IC Analytical F VOCs (: VOCs (: VOCs () PCBs (Di Metals/Inorg.	Parameters: Std. list) (Exp.list) OCs (Total) issolved) org. (Total) (Cissolved)	Collecte
rence Point Marked? Int of Reference Point Well Diameter Well Diameter Green Interval Depth Water Table Depth Water Table Depth Under 18, 70 gth of Water Column Under of Water in Well Depth of pump/tubing Point Identification: In finner (PVC) casing of outer (protective) casing Ground Surface In Pump Start Time Pump Stop Time Pumping Very No. 24 Pumping Pumping Very No. 24 Pumping Pumping Pumping Very No. 24 Pumping	Meas. From Meas. From Meas. From	P6S Tic		Required	Sample Time Sample IC Duplicate IC MS/MS/I Split Sample IC Analytical F VOCs (: VOCs (: VOCs () PCBs (Di Metals/Inorg.	Parameters: Std. list) (Exp.list) OCs (Total) issolved) org. (Total) (Cissolved)	Collecte
well Diameter Well Diameter Well Diameter Well Diameter Water Table Depth Water Table Depth Well Depth Well Depth Well Depth Well Depth United the State of the S	Meas. From Meas. From Meas. From	P6S Tic	-	()	Sample IC Duplicate IC MS/MS/I Split Sample IC Analytical F VOCs (VOCs (VOCs (PCBs (PCBs (Di Metals/Inorg.	Parameters: Std. list) (Exp.list) OCs (Total) issolved) org. (Total) (Cissolved)	Collecte
Well Diameter Well Diameter Water Table Depth Water Table Depth Well Depth Well Depth Under Sylve Well Depth Well Depth Well Depth Well Depth Under Sylve Well Depth Under Sylve Well Depth Under Sylve Well Depth Under Sylve Under	Meas. From Meas. From Meas. From	P6S Tic		()	Duplicate ID MS/MS0 Split Sample ID Analytical F VOCs (VOCs (PCBs (Di Metals/Inorg.	Parameters: Std. list) (Exp.list) (Ccs (Total) issolved) org. (Total) (Cissolved)	Callecte
Well Diameter 2" Screen Interval Depth 9-16 Water Table Depth 12.80 Well Depth 18.70 gth of Water Column 5.90 ume of Water in Well 1.0 (w) Depth of pump/tubing 15.75 Point Identification: of Inner (PVC) casing of outer (protective) casing of outer (protective) casing 5: Ground Surface 17: Y N ON INFORMATION Pump Start Time 1523 Pumping 65 (h) Pumping 65 (h)	Meas. From Meas. From Meas. From	P6S Tic	-	()	MS/MS/ Split Sample ID Analytical F VOCs (VOCs (SVC PCBs (PCBs (Di Metals/Inorg.	Parameters: Std. list) (Exp.list) OCs (Total) (issolved) org. (Total) (Cissolved)	()
Water Table Depth Water Table Depth Well Depth 12.80 Well Depth 18.70 gth of Water Column ume of Water in Well Depth of pump/fubing Point Identification: of Inner (PVC) casing of outer (protective) casing S. Ground Surface S. Ground Surface S. W. SON INFORMATION Pump Start Time Pump Stop Time Pumping S. Shipp	Meas. From Meas. From	TIC TIC		()	Analytical F VOCs (VOCs (VOCs (PCBs (PCBs (Di Metals/Inorg.	Parameters: Std. list) (Exp.list) OCs (Total) issolved) org. (Total) (Cissolved)	()
Water Table Depth Well Depth 19, 70 gth of Water Column ume of Water in Well Depth of pump/tubing Point Identification: of Inner (PVC) casing of outer (protective) casing Ground Surface OF Y N ION INFORMATION Pump Start Time Pump Stop Time Pumping L 2, 80 L 3, 70 L 3, 70 L 4, 10 L 5, 75 L 5, 75 L 5, 75 L 6, 75 L 7, 7	Meas. From Meas. From	TIC TIC		()	Analytical F VOCs (VOCs (SVC PCBs (PCBs (Di Metals/Inorg.	Parameters: Std. list) (Exp.list) OCs (Total) issolved) org. (Total) (Dissolved)	(
Well Depth 18.70 S,90 S,90 ume of Water Column Depth of pump/tubing Point Identification: of Inner (PVC) casing of outer (protective) casing Ground Surface ON INFORMATION Pump Start Time Pump Stop Time Pumping 18.70 S,90 1.0 (m) 1.0	Meas. From		-	()	VOCs (VOCs (SVC PCBs (Di PCBs (Di Metals/Inorg.	Std. list) (Exp.list) (CCs (Total) (issolved) (rg. (Total) (Cissolved)	(
gth of Water Column S,90' L.O Cell Depth of pump/tubing Point Identification: of Inner (PVC) casing of outer (protective) casing Ground Surface ON INFORMATION Pump Start Time Pump Stop Time Pumping S,90' L.O Cell L.O C	ows		-	()	VOCs (VOCs (SVC PCBs (Di PCBs (Di Metals/Inorg.	Std. list) (Exp.list) (CCs (Total) (issolved) (rg. (Total) (Cissolved)	(
Point Identification: of outer (protective) casing of outer (protective) casing of ON INFORMATION Pump Start Time Pump Stop Time Pumping L. 0 (m)		TIC	-	() () () () () ()	VOCs (SVC PCBs (Di PCBs (Di Metals/Inorg.	Exp.list) OCs (Total) issolved) org. (Total) (Dissolved)	
Point Identification: of Inner (PVC) casing of outer (protective) casing 3: Ground Surface 3? Y N ON INFORMATION Pump Start Time 1525 Pumping 65 Miles		TIC	-	() () () ()	SV6 PCBs (Di PCBs (Di Metals/Inorg.	CCs (Total) issolved) org. (Total) (Dissolved)	
Point Identification: of Inner (PVC) casing of outer (protective) casing 3: Ground Surface 3: Y N ON INFORMATION Pump Start Time 1525 Pumping 65 Miles	Meas. From	nc.	-	() (×) ()	PCBs (Di PCBs (Di Metals/Inorg.	(Total) issolved) irg. (Total) (Dissolved)	
of Inner (PVC) casing of outer (protective) casing S: Ground Surface S: Y N ON INFORMATION Pump Start Time 1525 Pumping 65 Miles				(×)	PC8s (Di Metals/Inorg. Metals/Inorg.	issolved) irg. (Total) (Dissolved)	12
of Inner (PVC) casing of outer (protective) casing S: Ground Surface S: Y N ON INFORMATION Pump Start Time 1525 Pumping 65 Miles				()	Metals/Inorg.	rg. (Total) (Dissolved)	
of outer (protective) casing S: Ground Surface S: Y N ON INFORMATION Pump Start Time 1525 Pump Stop Time 1630 Pumping 65 fhyib				t)	Metals/Inorg.	(Dissolved)	
S: Ground Surface O? Y N ON INFORMATION Pump Start Time SZS Pump Stop Time 1630 Pumping 65 Philip				1 1			
ON INFORMATION Pump Start Time 1525 Pump Stop Time 1630 Pumping 65 Philip				()	PGOUS	PCDE*	16
Pump Start Time 1525 Pump Stop Time 1630 Pumping 65 fhylia					Pest/		
Pump Start Time 1525 Pump Stop Time 1630 Pumping 65 fhylia					Natural At		24 513
Pump Start Time 1525 Pump Stop Time 1630 Pumping 65 1h/W				10.0	Other (S		, ,
ary? Y 🕥		ViT -		cted by same m		17 (Y) N(s)	pecify)
Water Quality Meter Type(s) / Sen	nal Numbers	XIT 27	6 (OSYVIO	230 AC	3/ 13ACD ZD	200 TUKI	Sipity 11
Pump Total	Water	Temp.	рН	Sp. Cond.	Turbidity	00	ORP
Rate Gallons	Level	(Celcius)		(mS/cm)	(NTU)	(mg/l)	(mV)
(Urnin.) Removed	(ft TIC)	[3%].	[0 1 units]*	(3%)*	[10% or 1 NTLI]*	[10%]*	[10 mV]*
9.100	The state of the s				1		_
8.100 0.1	12.80	_			247		
0.100 0.3	1280	_			78	_	
0.100 0.4	12.80	6.0	7.	1 11 1	34	1167	1256
0,100 0.5	12.80	9.80	7.30	1./61	14	11.83	125.9
0.100 0.7	10 00		1 5/	1.162	1/		17117
A 100 A U	12.90	977		1	12	7.22	124.3
0.100 0.8	12.80	9.56	7.29	1.164	9	6.32	122.7
0.100 0.9	12.80	9.56	7.29	1.165	7	6.32	122.7
0.100 1.1	12.80	9.56 9.36 9.18	7.29 7.33 7.34	1.165 1.165 1.11da	7	6.32	122.7 120.0 117.5
6.160 0.9 0.160 1.1 6.100 1.2	12.80	9.56	7.29	1.165	7	6.32	122.7
Water Quality Meter Type(s) / Sen Pump Total Rate Gallons (Umin.) Removed	Water Level	s.	Temp. (Celcius)	Temp. pH	Temp. pH Sp. Cond. (Ceicius) (mS/cm)	Temp. pH Sp. Cond. Turbidity (Celcius) (MS/cm) (NTU)	Temp. pH Sp. Cond. Turbidity DO (Celcius) (mS/cm) (NTU) (mg/l)

Well No.	LS-	- MW- 4R			Site/GMA Nam	· LYMAN	1 - GMAI		
Key No					pling Personne		7		
	ckground (ppr	m) C)			Dat	e 4/9			
	leadspace (ppr			_	Weathe		Partly clo	unlu/su	enny
1000	Canada (pp.	***					0	0	
WELL INFOR	MATION						Sample Time	13:	13
	ce Point Market	d2 (Y) N					Sample IC		U-4R
	f Reference Po	Z/	Meas, From	BGS			Duplicate (C		_
- Tongini o	Weil Diamet	2 11					MS/MSI		_
Serv	en Interval Dep	The second secon	Meas. From	BGS			Split Sample ID		_
	Vater Table Dep	n acce	Meas, From	TIC					
	Well Dep	th 14.110	Meas, From	TIC		Required	Analytical F	Parameters:	Collected
Length	of Water Colum	/				(X)	VOCs (Std. list)	(X)
Volume	of Water in We	el 1.0/ac	e			()	VOCs (Exp.list)	1 1
intake Depi	th of pump/lubin	11.50	Meas. From	TIC	_	141	SV	DCs .	(X)
						1 1	PCBs	(Total)	1 2
Reference Po	int Identification	i:				(1)	PCBs (D	issolved)	(X)
IC. Top of In	ner (PVC) casir	ng				()	Metals/Inc	rg. (Total)	1
OC. Top of	outer (protective	t) casing				X	Metals/Inorg	(Dissolved)	X
Grade/BGS: (Ground Surface					X	PCDDs	PCDFs	X
						1 1	Pest	Herb	1000
Redevelop?	Y (N)					1 . 1	Natural At		0.1
						X	Other (S	De-filter	1 X
VACUATION	INFORMATIO						sulfic		ed .
P	timp Start Time							0.000	
P	Puma Stop Time	14:00			Evacuation Me		0)8/		
Vanules of Pur	mping	90	0		Paristaltic Puri		ibmersit i Plump (inSpecity ()
clume of water	/	3.0ga	L		Pump Type:	A STATE OF THE PARTY OF THE PAR	and the same of th	502 JP	
id well go dry	7 Y (N)	v			Samples collec	sted by same in	ethod as evacuation	17 () 2/15/	cecity)
				Mary!	T - 22	HETEA	61200	0720	- 0
	syster (Shalis)	Meier Type(s) / Si	endi vuinders	HACH YST	556	03014	61	0000	261
	Pump	Total	Water	Temp.	pri	Sp. Cond.	Turbidity	00	CRP
Time	Rate	Gallons	Level	(Celcius)		(mS/cm)	(NTU)	(mg/l)	(mV)
	(Umin.)	Removed	(ft TIC)	(3*51*	(it units)*	[3%]*	[10% or NTUI*	110%)*	[10 mV]*
2:31	0.125		7.96	_			22	_	
2:36	0.125	0.165	7.97	11.24	6,51	1.094	11	4.49	-401.6
12:41	0.125	0,330	7.97	10.960	6.44	1.108	10	6.44	-391.8
12:46	0.125	0.495	7.97	10.69	6.45	1-113	9	0.57	-346.2
12:50	0.125	0.627	7.97	10.73	6.45	1.114	7	0.50	-350.6
12 54	0.125	0.759	7.97	10.75		1.115	6	0.46	-360.3
2:58	0./25	0.89/	7,97	10.84	6.47	1.115	6	0.45	-354.0
13:02	0.125	7.023	7.97	10.94	6.49	1.115	5	0.33	-359.9
13:06	0.125	1.155	7.98	10.98	6.50	1.114	4	0.37	
13:10	0.125	1.287	7.98	10.98	6.50	1,113	4	0.3/	-354.7
		201	1.10	10 10				/	
he stabilizativ	on collegia for ea	ich field naramete	r (three consec	usive readings of	offected at 3- to	5-minute interva	ils) is listed in each	column headin	ig.
		METHOD DEVIA		Taitio	I sum	c: Stock	tly yellou	codor	doani
2 .	(varge	1.5	1	7/4/10	100	0	00		1
	0								
time 0	purns.	CLEAR	. COLOR	FSC OF	DPLESS	7			
1 1 1 1 1 1	1	LUCTIK	, wille	, 00					
	, 0								
MPLE DESTI									
	NATION								
Laboratory: _	NATION								
AMPLE DESTI Laboratory: _ elivered Via; _ Airbill #:	NATION			et e	leid Sampling (

Well H VELL INFOR Referen Height o	ackground (ppn feadspace (ppn RMATION		.0	381	npling Personn	-	- Adams		
Well H FELL INFOR Referen Height o	feadspace (ppn					te 4161	P((
Referen Height o	RMATION	")C	-	_	Weath		-	The Alexan	~ 50°F
Referen			-0		vveau	ei No211	y surry life	Thy Cloudy	1.30%
Referen							Sample Tim	e	5
Height o	nce Point Market	P (Y) N					Sample I	4.4	
-	of Reference Poi		Meas, From	36-5			Duplicate II		- 013
Scre	Well Diamet						MS/MS		_
	een Interval Dep		Meas, From	BGL			Solit Sample II		_
	Vater Table Dep		Meas, From		_		200000000000000000000000000000000000000		
	Weil Dep	-	Meas. From	TiC		Required	Analytical	Parameters:	Collected
Length	of Water Colum	n 8.95		- 1101200	1615	(X)	VOCs	(Std. list)	(\$)
Volume	e of Water in We	1.46 GA	Davo			()	VOCs	(Exp.list)	()
Intaké Depi	th of pump/tubin	9 14.53	Meas. From	TIC	_	()	sv	OCs	()
						()	PC8s	(Total)	()
ference Po	int (dentification:					(K)	PCBs (D	lissofved)	(A)
C: Top of In	ner (PVC) casin	ng .				t 1	Metals/Inc	org. (Total)	()
C. Top of	outer (protective) casing				t)	Metals/Inorg	(Dissolved)	()
ade/BGS: (Ground Surface					()	PCD0s	/PCDFs	()
	0					0.00	Pest	/Herb	()
develop?	Y					1 1	Natural A	ttenuation	(.)
	N. S. S. S.					()	Other (S	Specify)	1 1
ACUATION	INFORMATION								
F	oump Start Time	1055	_						
P P	oump Start Time oump Stop Time	1156	-		Evacuation M		화경 경기 전		
F F inutes of Put	Pump Start Time Pump Stop Time mping	1055 1156 6/min			Penstattic Pur		() Bladder P ubmersible Pump (er/Specify ()
F inutes of Pur lume of wate d well go dry	Pump Start Time Pump Stop Time Imping Improved In Pump Start Time Imping	1055 1156 (9) Mim 1.(00A))	935	XE CA	Penstaltic Pur Pump Type: Samples colle	mp () Si	ubmersible Pump () Oth	specify)
F inutes of Pur lume of wate I well go dry	Pump Start Time Pump Stop Time Reping er removed Pump Stop Time Reping Pump Start Time Reping Pump Start Time	1055 1156 (9) Min 1.(9 GA)	Genal Numbers.	1	Penstallic Pur Pump Type: Samples colle	np () Since the cled by same m	elhod as evacuation) OID	Specify)
F F inutes of Pur lume of wate I well go dry	Pump Start Time Pump Stop Time Reping Pump Stop Time Reping Pump Pump	1055 1156 (Q) Mim L(Q GA)II	Genal Numbers.	Temp.	Penstaltic Pur Pump Type: Samples colle	cled by same m	elhod as evacuation Hack 2 Turbidity	100 NO	TBIDITY MA
F nutes of Pur lume of wate well go dry	Pump Start Time Pump Stop Time Reping Pump Rate	1055 1156 (Q) Mim L(Q GA)II Meter Type(s) / S Total Gallons	Genal Numbers. Water Level	Temp. (Celcius)	Penstaltic Pur Pump Type: Samples colle	sp. Cond. (mS/cm)	elhod as evacuation Turbidity (NTU)) Oth	ORP (mV)
F F nutles of Pur urne of wate well go dry	Pump Start Time Pump Stop Time Imping Interpretation Pump Rate (Umin.)	1055 1156 (a) Min L(a GA)II Meter Type(s) / S Total Gallons Removed	Senal Numbers. Water Level (ft TIC)	Temp.	Penstallic Pur Pump Type: Samples colle	cled by same m	elhod as evacuation Purbidity (NTU) [10% or 1 NTU]*	100 NO	TBIDITY MA
nuties of Pur lume of wate well go dry	Pump Start Time Pump Stop Time Imping Interpretation Pump Rate (Limin.)	1055 1156 (0) Min L(0 GA)II feter Type(s) i 5 Fotal Gallons Removed	Water Level (ft TIC)	Temp. (Celcius)	Penstaltic Pur Pump Type: Samples colle	sp. Cond. (mS/cm)	elhod as evacuation Purple Purpl) Oth	ORP (mV)
nutes of Pur urme of wate well go dry	Pump Start Time Pump Stop Time Reprint Pump Rate (L/min.) 6.160	IDSS ILSS ILSS ICONOMINA ILSS ICONOMINA ICONOM	Water Level (ft TIC)	Temp. (Celcius) (3%)*	Penstaltic Pur Pump Type: Samples colle MPS (03 pH 01 units *	Sp. Cond. (mS/cm) [3%]*	elhod as evacuation Purbidity (NTU) 10% or 1 NTUP) Oth	ORP (mV)
nutes of Pur lume of wate well go dry Time	Pump Start Time Pump Stop Time mping er removed Pump Rate (L/min.) G.160 G.100	IDSS ILSS ILSS ILSS Inter Type(s) IS Total Gailons Removed O 0.1	Water Level (ft TIC) 10.00 10.05	Temp. (Calcius) 3*5 *	Penstaltic Pur Pump Type: Samples colle pH 0 1 units *	Sp. Cond. (mS/cm) [3%]*	elhod as evacuation Purbidity (NTU) 10% or 1 NTUP) Oth 100 PTU) 100 (mg/l) 1005;	ORP (mV) (10 mV)*
nules of Pur lume of wate well go dry	Pump Start Time Pump Stop Time Reprint Pump Rate (L/min.) 6.160 6.100 6.100	IDSS ILSS ILSS ING ILSS Inter Type(s) IS Total Gallons Removed O U. I 0.3 0.4	Water Level (ft TIC) 10-04 10.05	Temp. (Calcius) 3*5 * 9.79	Penstaltic Pur Pump Type: Samples colle pH 0 1 units *	Sp. Cond. (mS/cm) [3%]*	elhod as evacuation Purple Purpl	DO (mg/l) (10%).	ORP (mV) (10 mV)*
Time	Pump Start Time Pump Stop Time Reprint Pump Rate (L/min.) 6.160 9.100	IDSS ILSS ILSS ILSS ING ILSS ING	Water Level (ft TIC) 10.00 10.05 10.05	Temp. (Celcius) 3*5 * 	Penstaltic Pur Pump Type: Samples colle pMPS (03 pH [0 1 units]*	Sp. Cond. (mS/cm) [3%]* 1.0/3 1.0/3 1.0/3	elhod as evacuation Hach 2 Turbidity (NTU) 10% or 1 NTU * 93 19 8 9	DO (mg/l) (10%);	ORP (mV) (10 mV) -3). 3 -5%.D
Time 1000 1100 120	Pump Start Time Pump Stop Time Reping Pump Rate (L/min.) G. I(C)	IDSS ILSO ILSO INFO ILSO INFO ILSO INFO INFO INFO INFO INFO INFO INFO INF	Water Level (ft TIC) 10.00 10.05 10.05	Temp. (Celcius) [3%]* 9.79 9.59 9.37 9.30	Penstaltic Pur Pump Type: Samples colle O MPS (03 pH 0 1 units * 0.80 6.80 6.80 6.80	Sp. Cond. (mS/cm) [3%]* [3%]* [30,029] [1,035] [1,035]	elhod as evacuation Hach 2 Turbidity (NTU) 10% or 1 NTU	DO (mg/l) (10%); 10%; 10%; 10%; 10%; 10%; 10%; 10%; 10%	ORP (mV) (10 mV) -3/. 3 -5/.2 -53. 4
Time 1100 1100 1100 1100 1100 1100 1100 1	Pump Start Time Pump Stop Time Reping Pump Rate (L/min.) G. I(C)	IDSS ILSO ILSO ILSO INFA ILSO INFA ILSO INFA ILSO INFA ILSO INFA ILSO INFA INFA INFA INFA INFA INFA INFA INFA	Water Level (ft TIC) 10.00 10.05 10.05 10.05	7-mp. (Celcius) [3%]* 9.59 9.59 9.37 9.30 9-37	Penstaltic Pur Pump Type: Samples colle O MPS (03 pH 0 1 units *	Sp. Cond. (mS/cm) [3%]* [3%]*	elhod as evacuation Hach 2 Turbidity (NTU) 10% or 1 NTU * 93 19 8 9	DO (mg/l) (10%) (1	ORP (mV) (10 mV) -31.3 -54.0 -57.2 -53.4 -63.7
Time 1000 1100 1100 1100 1100 1100 1100 1	Pump Start Time Pump Stop Time Reprint Pump Rate (L/min.) G.160 G.160 G.160 G.160 G.160 G.160 G.160	IDSS ILSO ILSO INFA ILGOAN Reter Type(s) / S Total Gallons Removed O I I I I I I I I I I I I I I I I I I	Water Level (ft TIC) 10.00 10.05 10.05 10.05 10.05	7emp. (Celcius) [3%]* 9.79 9.59 9.37 9.30 9.37 9.42	Penstaltic Pur Pump Type: Samples colle MPS (03) pH 0 1 units * 6.80 6.80 6.80 6.80 6.80	Sp. Cond. (mS/cm) [3%]* [30]	elhod as evacuation Purbidity (NTU) 110% or 1 NTUI* 8 9 8 9	DO (mg/l) (10%) (1	ORP (mV) (10 mV)* -3). 3 -5/.0 -57.2 -58. 4 -(20.7) -37. 3
Time 1005 1100 1105 1100 1105 1100 1105 1100 1105 1100 1105 1100 1105 1100 1105	Pump Start Time Pump Stop Time Reping Pump Rate (L/min.) G.160	IDSS ILSO ILSO ILSO INFA ILSO INFA ILSO INFA ILSO INFA ILSO INFA ILSO INFA INFA INFA INFA INFA INFA INFA INFA	Water Level (ft TIC) 10.00 10.05 10.05 10.05 10.05 10.05 10.05	7emp. (Celcius) [3%]* 9.79 9.59 9.37 9.30 9.37 9.42 9.42	Penstaltic Pur Pump Type: Samples colle MPS (03 pH 0 1 units * 6.80 6.80 6.80 6.80 6.83 6.83 6.83	Sp. Cond. (mS/cm) [3%]* [30,1	elhod as evacuation Hach 2 Turbidity (NTU) 10% or 1 NTU	DO (mg/l) (10%) 10% 1 0.89 0.90 0.97 0.59	ORP (mV) [10 mV]* -3). 3 -5/.0 -57.2 -58. 4 -(20.7) -59.3
Time 1000 1100 1100 1100 1100 1100 1100 1	Pump Start Time Pump Stop Time Reprint Pump Rate (L/min.) G.160 G.160 G.160 G.160 G.160 G.160 G.160	IDSS ILSO ILSO INFA ILGOAN Reter Type(s) / S Total Gallons Removed O I I I I I I I I I I I I I I I I I I	Water Level (ft TIC) 10.00 10.05 10.05 10.05 10.05	7emp. (Celcius) [3%]* 9.79 9.59 9.37 9.30 9.37 9.42	Penstaltic Pur Pump Type: Samples colle MPS (03) pH 0 1 units * 6.80 6.80 6.80 6.80 6.80	Sp. Cond. (mS/cm) [3%]* [30]	elhod as evacuation Purbidity (NTU) 110% or 1 NTUI* 8 9 8 9	DO (mg/l) (10%) (1	ORP (mV) (10 mV)* -3). 3 -5/.0 -57.2 -58. 4 -(20.7) -37. 3

Weil No.	Sampling Personnel AP LAP LA
PID Background (ppm) O Weather PRICTIX SUILIN SO	PID Background (ppm) O Weather PID Date A 12 0.4 Weather PID DATE A 12 1.5
Wealther PADTIN Sumple Time 12:15	Weather PADTIN SULLY 50°
Reference Point Marked? N Height of Reference Point Z.5. Meas. From Well Diameter Z!! Screen Interval Depth G	Reference Point Marked? N Height of Reference Point Marked? N Meas. From Well Diameter 2 Screen Interval Depth
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Height of Reference Point 2.5	Height of Reference Point 2.5 Meas. From Water Table Depth 1.1.6 Meas. From Meas. From Well Depth 1.1.6 Meas. From Well Depth
Screen Interval Depth G - [Well Dlameter 21" Meas. From BGS Split Sample ID
Screen Interval Depth G - [Well Dlameter 21" Meas. From BGS Split Sample ID
Screen Interval Depth 6 - 6 Meas. From Water Tablo Depth 1,6 Meas. From Well Depth 1,6 Meas. From Well Depth 1,6 Meas. From TC Required Analytical Parameters: Collect VOCs (Std. fist) VOCs (Exp.	Screen Interval Depth
Length of Water Column 18, 79 Meas. From TC Required Analytical Parameters: Collect VoCa (Std. list) Voca (St	Well Depth
Length of Water Column 18, 79 Meas. From TC Required Analytical Parameters: Collect VoCa (Std. list) Voca (St	Well Depth
Length of Water Column 7.19 VOCs (Std. list) VOCs (Exp. list) Vocs (Ist)	VoCas (Std. list) VoCas (Exp. list) VoCa
Volume of Water in Well 1.2 gc	Volume of Water in Weil 1.2 gc 15
Intake Depth of pump/tubing	Intake Depth of pumpribiling
PCBs (Dissolved) PCBs (Disso	PCBs (Dissolved) PCBs (Disso
C: Top of Inner (PVC) casing	C: Top of Inner (PVC) casing
Metals/Inorg (Dissolved) Activation of Color Activation Activa	C: Top of outer (protective) casing C: Top of outer (protective) C: Top outer (protect
ACUATION INFORMATION	PCDDs/PCDFs Pest/Herb Pump Pest/Herb Pump Pump Pest/Herb Pump
Pest/Herb Natural Attenuation Other (Specify) Natural Attenuation Other (Specify) Other (S	ACUATION INFORMATION Pump Start Time Pump Stort Time Stort Ti
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ACUATION INFORMATION Pump Start Time Pump Stop Time ILA ILCHOO Water Quality Meter Type(s) / Senal Numbers Pump Total Rate Gallons (Level (Celcius) (Lumin.) Removed (ft TIC) ILCO IL	ACUATION INFORMATION Pump Start Time Pump Stort Time ICH Pump Type: Submersible Pump () Penstallic Pump Submersible Pump () Pump Type: Samples collected by same method as evacuation? Water Quality Meter Type(s) / Senal Numbers Water Quality Meter Type(s) / Submersible Pump () Water Quality Meter Type(s) / Submersible Pump () N(specify) N(specify) Water Quality Meter Type(s) / Submersible Pump () N(specify) N(spe
Evacuation Information Pump Start Time Pump Stop Time It It It It It It It I	ACUATION INFORMATION Pump Start Time Pump Stop Time IL-: IL-: IL-: IL-: IL-: IL-: IL-: IL-:
Pump Start Time	Pump Start Time Pump Stop Time
Pump Total Water Temp. pH Sp. Cond. Turbidity DO ORP	Pump Total Water Temp. pH Sp. Cond. Turbidity DO ORP (Celcius) (MS/cm) (NTU) (mg/l) (my/l) (my/l) (L/min.) Removed (ft TIC) [3%] [0 1 units] [3%] [10% or 1 NTU] [10%] [10 my/l]
Time Rate Gallons Level (Celcius) (mS/cm) (NTU) (mg/l) (mV) (Limin.) Removed (ft TIC) [3%] [0 1 units] [3%] [10% or 1 NTU] [10%] [10 mV] [10 mV] [11/2 1.00 — 11.60 — 34 — 34 — 34 — 34 — 34 — 34 — 34 — 3	Time Rate Gallons Level (Celcius) (mS/cm) (NTU) (mg/l) (mV) (Lumin.) Removed (MTC) [3%]* [0! units]* [3%]* [10% or 1 NTU]* [10%]* [10 mV] (MV) (MV) (MV) (MV) (MV) (MV) (MV) (MV)
(Lmin.) Removed (ft TIC) [3%] [0 units] [3%] [10% or 1 NTU] [10%] [10 mV] [112 100 -	(Limin.) Removed (ft TIC) [3%]* [01 units]* [3%]* [10% or 1 NTU]* [10%]* [10mV] 1.12 .100 — 11.60 — 3A — — 1.16 0.100 0.1058 11.60 10.12 6.55 0.757 7 3.10 -379.* 1.21 0.100 0.2381 11.60 9.88 6.55 0.760 7 0.91 -386.* 2.26 0.100 0.3704 11.60 9.90 6.57 0.760 5 0.49 -388.* 3.1 0.100 0.5027 11.60 9.89 6.76 0.760 6 0.63 -387.* 3.26 0.100 0.6350 11.60 9.90 6.73 0.760 6 0.59 -364.* 3.27 0.100 0.7673 11.60 9.73 6.72 0.762 7 0.58 -383.* 3.28 0.100 0.7673 11.60 9.73 6.72 0.762 5 0.52 384.* 3.29 0.100 0.8996 11.60 9.60 6.646.80.762 5 0.52 384.* 3.40 0.100 1.005 11.60 9.59 6.76 0.763 6 0.49 -381.* 3.54 0.100 1.111 11.60 9.59 6.76 0.763 6 0.53 -351.*
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	5% 0.00 1.217 11.00 4.04 6.13 0.163 5 0.31 530.
	50 0.100 1.005 11.60 4.57 6.76 0.763 6 0.49 -381. 54 0.100 1.111 11.60 9.58 6.76 0.763 6 0.53 -351.
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54 0.100 1.111 11.60 9.59 6.76 0.763 6 0.53 -351.	
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39 0100 1111 11110 9.00 0.10 0.103 6 0.00	CA A
34 0.100 1.111 11.00 4.59 0.76 0.195 6 0.33 331.	A
24 0.100 1.111 11.60 4.59 6.76 0.763 6 0.53 -321.	
54 0.100 1.111 11.60 9.59 6.76 0.763 6 0.53 -351.	
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	54 0.100 1.111 11.60 9.58 6.76 0.763 6 0.53 -351.
	54 0.100 1.111 11.60 9.58 6.76 0.763 6 0.53 -351.
	54 0.100 1.111 11.60 9.58 6.76 0.763 6 0.53 -351.
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	54 0.100 1.111 11.60 9.58 6.76 0.763 6 0.53 -351.
	54 0.100 1.111 11.60 9.58 6.76 0.763 6 0.53 -351.
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	59 0.100 1.217 11.60 9.69 6.73 0.763 5 0.51 330.

WELL INFOR!	eadspace (ppm)	0	-		Date Weathe		SUNNY, SO	0	
Referenc					1100110	- APPLIES			
Referenc	MATION							12:15	
Height of	ce Point Marked	ON		-				NS-17	1
1.0000000000000000000000000000000000000	Reference Poin	2.5'	Meas, From	GROUNC	>		Ouplicate IC		
	Well Diamete		_				MSAIS	0	
Scree	en Interval Depth		Meas. From	845	_		Split Sample II		
Wa	ater Table Depth			TIC	_			Lacration of the Control of the Cont	
		18.79	Meas. From	TIC	 -	Required		Parameters:	Collected
	of Water Column		_			X		Std. list)	(*)
	of Water in Wel			TIC		1)		(Exp.list) OCs	1 13
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								(issoived)	
	nt Identification:					1 1		org. (Total)	
	ner (PVC) casing	Contraction in the contraction of the contraction o				1 1		(Dissolved)	4 190
	uler (protective) Freund Surface	casing						PCDFs	10.00
34806(0)33, 0	acting Stillace					1 1	Past	Hero	19
Redevelop?	Y (N)					i. 9	Natural A	ttenuation	
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EVACUATION	INFORMATION								
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n	umo Stop Time	12:16			Evacuation Me	ethod Bailer	Bladder F	rump ()	
PI					Penstakic Puri	o V S	ibinersible Pump (1 C24	in Specify []
	mping	64	- 121		egnstanic curr	~	Annual Decree of the State of the	100000	COMPANY SOCI
Minutes of Puri Volume of water Did well go dry?	r removed 35	1.64	a		Pump Type Samples collec	GSO Pum			oecity)
Minutes of Puri Volume of water Did well go dry?	r removed 35	1.64	Senal Numbers	YS1 55	Pump Type Samples collect	GEO Pum	P2 ethod as evacualion	n? 🕥 Nist	pecity)
Minutes of Puri Volume of water Did well go dry?	r removed 35	1.64	Senal Numbers	YS 1 55	Pump Type Samples collect	GEO Pum	P2	n? 🕥 Nist	
Minutes of Puri Volume of water Did well go dry?	Water Quality M	1.64 g	- 1	HACHTURB	Fump Type Samples collect COSC	GEO Pum cled by same in 1461 2 · O210	P2 whethed as evacualion 28.32 Turbidity (NTU)	9 N(st	ORP (mV)
Minutes of Puri Volume of water Did well go dry?	Water Quality M	eler Type(s)/S	Water	Temp.	Fump Type Samples collect COSC	1461 2 · O210 Sp. Cond. (mS/cm) 13%;	P2 whethed as evacualion 28.32 Turbidity (NTU) [10% or 1 NTU]*	02 N(st	ORP (mV) (10 mV)*
Minutes of Puri Volume of water Did well go dry?	Water Quality M	eler Type(s)/ S Total Gallons	Water Level	Temp. (Celcius)	Samples collection of the coll	50 Pum. 1461 2 · O210 Sp. Cand. (mS/cm) 13%;	P2 whethed as evacualion 28.32 Turbidity (NTU)	9 N(st	ORP (mV) (10 mV)*
Minutes of Puri foliume of water Did well go dry? Time	Water Quality M Pump Rate (Umin.)	eler Type(s)/ S Total Gallons Removed	Water Level (ft TIC)	Temp. (Celcius) (3%)	Samples collection of the coll	50 Pum. 1461 2 · O210 Sp. Cond. (mS/cm) [3%] 0.763	P2 whethed as evacualion 28.32 Turbidity (NTU) [10% or 1 NTU]*	n ² N(st	ORP (mV) (10 mV) - 364.)
Minutes of Purification of Water Volume of water Did well go dry? Time	Water Quality M Pump Rate (Umin.)	eler Type(s)/ S Total Gallons Removed 1.429	Water Level (ft TIC)	Temp. (Cetaius) (3%)*	Samples collection of the coll	50 Pum. 1461 2 · O210 Sp. Cand. (mS/cm) 13%;	ethod as evacualion 2832 Turbidity (NTU) (10% or 1 NTU)*	9 N(st	ORP (mV) (10 mV)*
Minutes of Puri Volume of water Did well go dry? Time	Water Quality M Pump Rate (Urmin.)	rotal Gallens Removed 1.429	Water Level (fi TiC)	Temp. (Celcius) 3°41' 9.65	Samples collection of the coll	50 Pum. 1461 2 · O210 Sp. Cond. (mS/cm) [3%] 0.763	ethod as evacualion 2832 Turbidity (NTU) (10% or I NTU)*	n ² N(st	ORP (mV) (10 mV) - 364.)
Minutes of Puri Volume of water Did well go dry? Time	Water Quality M Pump Rate (Urmin.)	rotal Gallens Removed 1.429	Water Level (fi TiC)	Temp. (Celcius) 3°41' 9.65	Samples collection of the coll	50 Pum. 1461 2 · O210 Sp. Cond. (mS/cm) [3%] 0.763	ethod as evacualion 2832 Turbidity (NTU) (10% or I NTU)*	n ² N(st	ORP (mV) (10 mV) - 364.)
Minutes of Pun Volume of water Did well go dry? Time	Water Quality M Pump Rate (Urmin.)	rotal Gallens Removed 1.429	Water Level (fi TiC)	Temp. (Celcius) 3°41' 9.65	Samples collection of the coll	50 Pum. 1461 2 · O210 Sp. Cond. (mS/cm) [3%] 0.763	ethod as evacualion 2832 Turbidity (NTU) (10% or I NTU)*	n ² N(st	ORP (mV) (10 mV) - 364.)
Minutes of Puri Volume of water Did well go dry? Time	Water Quality M Pump Rate (Urmin.)	rotal Gallens Removed 1.429	Water Level (fi TiC)	Temp. (Celcius) 3°41' 9.65	Samples collection of the coll	50 Pum. 1461 2 · O210 Sp. Cond. (mS/cm) [3%] 0.763	ethod as evacualion 2832 Turbidity (NTU) (10% or I NTU)*	n ² N(st	ORP (mV) (10 mV) - 364.)
Minutes of Pun Volume of water Did well go dry? Time	Water Quality M Pump Rate (Urmin.)	rotal Gallens Removed 1.429	Water Level (fi TiC)	Temp. (Celcius) 3°41' 9.65	Samples collection of the coll	50 Pum. 1461 2 · O210 Sp. Cond. (mS/cm) [3%] 0.763	ethod as evacualion 2832 Turbidity (NTU) (10% or I NTU)*	n ² N(st	ORP (mV) (10 mV) - 364.)
Minutes of Pun Volume of water Did well go dry? Time	Water Quality M Pump Rate (Urmin.)	rotal Gallens Removed 1.429	Water Level (fi TiC)	Temp. (Celcius) 3°41' 9.65	Samples collection of the coll	50 Pum. 1461 2 · O210 Sp. Cond. (mS/cm) [3%] 0.763	ethod as evacualion 2832 Turbidity (NTU) (10% or I NTU)*	n ² N(st	ORP (mV) (10 mV) - 364.)
Minutes of Pun Volume of water Did well go dry? Time	Water Quality M Pump Rate (Urmin.)	rotal Gallens Removed 1.429	Water Level (fi TiC)	Temp. (Celcius) 3°41' 9.65	Samples collection of the coll	50 Pum. 1461 2 · O210 Sp. Cond. (mS/cm) [3%] 0.763	ethod as evacualion 2832 Turbidity (NTU) (10% or I NTU)*	n ² N(st	ORP (mV) (10 mV) - 364.)
Minutes of Puri Volume of water Did well go dry?	Water Quality M Pump Rate (Urmin.)	rotal Gallens Removed 1.429	Water Level (fi TiC)	Temp. (Celcius) 3°41' 9.65	Samples collection of the coll	50 Pum. 1461 2 · O210 Sp. Cond. (mS/cm) [3%] 0.763	ethod as evacualion 2832 Turbidity (NTU) (10% or I NTU)*	n ² N(st	ORP (mV) (10 mV) - 364.)

desired the	0			San	npling Personne	-172	WE	JANC .		
PID B	ackground (ppm)	0	2	_	Date	3	Mary .	4/2/64		
Well F	leadspace (ppm)	0.0	>	_	Weather	r	_			-
WELL INFO	RMATION	_						Sample Tim	e 143	5
Referen	nce Point Marked	(Y) N						Sample II	D GMA	1-6
	of Reference Poin	<u> </u>	Meas. From	BGS				Duplicate II		_
r rengint s	Well Diamete				_			MS/MS	0 -	_
Sen	een interval Depth		Meas, From	B65				Split Sample II	0	_
	Vater Table Depth		Meas, From	TIC				200		
	Well Depth		Meas. From	TIS	35	Re	equired	Analytical	Parameters:	Collecte
Lanoth	of Water Column			-115		4	,		(Std. list)	()
	e of Water in Wei					1	M.		(Exp.list)	IAI
		* 1 CONTROL **	Meas. From	TIC		,	~		OCs	
intake Det	oth of pump/tubing	11.33	_ meas. riom		_	- 0	1		(Total)	, ,
oformana Da	nint (dantification)					- 7	4		Dissolved)	(V)
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	nner (PVC) casing					- 4	224	**************************************	. (Dissolved)	4 1
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ade/BGS:	Ground Surface					1			/Herb	
						1	10		rhero Renuation	
edevelop?	YW					- 1				1
	N INFORMATION					\$	1	Other (Specify)	1 1
nutes of De						13 46				
lume of wat	ter removed y? Y N	2.7 callo		V5: -57	,	GE ded by s	same me	ethod as evacuatio	n? Y N(s	pecify)
lume of wat	ter removed y? Y N Water Quality M	eter Type(s) / S	Serial Numbers:	YS1 550	Pump Type: Samples collect	GEO	same me	ethod as evacuation	n? (V) Nis	pecify)
lume of wal	ver removed ver Y N Water Quality M	eter Type(s) / S Total	Serial Numbers:	Temp.	Pump Type: Samples collec	GEO sted by s	same me	ethod as evacuatio	n? (N(s	opecify)
lume of wat	Water Quality M	eter Type(s) / S Total Gallons	Serial Numbers Water Level	Temp. (Celcius)	Pump Type: Samples collect	Sp. (mS	Same me	Turbidity (NTU)	DO (mg/l)	ORP (mV)
lume of wai i welf go dr	ver removed ver Y N Water Quality M	Total Gallons Removed	Serial Numbers: Water Level (ft TIC)	Temp.	Pump Type: Samples collect	Sp. (mS	same me	Turbidity (NTU)	n? (N(s	opecify)
lume of wal i well go dr Time	Water Quality M Pump Rate (L/min.)	eter Type(s) / S Total Gallons	Serial Numbers Water Level	Temp. (Celcius)	Pump Type: Samples collect	Sp. (mS	Same me	Turbidity (NTU) [10% or 1 NTU]	DO (mg/l)	ORP (mV)
Time	Water Quality M Pump Rate (U'min.)	Total Gallons Removed	Serial Numbers: Water Level (ft TIC)	Temp. (Celcius)	Pump Type: Samples collect	Sp. (mS	Same me	Turbidity (NTU) (10% or 1 NTU)	DO (mg/l)	ORP (mV)
Time	Water Quality M Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celcius)	Pump Type: Samples collect	Sp. (mS	Same me	Turbidity (NTU) (10% or 1 NTU) 192 209	DO (mg/l)	ORP (mV)
Time 322 325 330	Water Quality M Pump Rate (Umin.) 0.100	Total Gallons Removed	Water Level (ft TIC) 7.58 7.62 7.64	Temp. (Celcius)	Pump Type: Samples collect	Sp. (mS	Same me	Turbidity (NTU) (10% or 1 NTU) 192 209 183	DO (mg/l)	ORP (mV)
Time 37.5 3.25 3.30	Water Quality M Pump Rate (Umin.) 0.100	Total Gallons Removed	Water Level (ft TIC) 7.58 7.62 7.64 7.72	Temp. (Celcius)	Pump Type: Samples collect	Sp. (mS	Same me	Turbidity (NTU) (10% or 1 NTU) 192 209	DO (mg/l)	ORP (mV)
Time 37.5 3.25 3.30 3.35	Water Quality M Pump Rate (Umin.) 0-100 0-100	Total Gallons Removed 0- 0.1 0.3 0.4 0.5	Water Level (ft TIC) 7.58 7.62 7.64 7.72 7.72	Temp. (Celcius)	Pump Type: Samples collect	Sp. (mS	Same me	Turbidity (NTU) [10% or 1 NTU] 20) 192 209 183 144	DO (mg/l)	ORP (mV)
Time 37.0 37.0 33.0 335 330	Pump Rate (Umin.) 0-100 0-100	Total Gallons Removed 0- 0.1 0.3 0.4 0.7	Water Level (ft TIC) 7.58 7.62 7.64 7.72 7.72 7.75	Temp. (Celcius)	Pump Type: Samples collect	Sp. (mS	Same me	Turbidity (NTU) [10% or 1 NTU]* 20) 192 209 183 199	DO (mg/l)	ORP (mV)
Time 3725 325 330 335 335	Pump Rate (Umin.) 0-100 0-100 0-100	Total Gallons Removed 0- 0.1 0.3 0.4 0.5	Water Level (ft TIC) 7.58 7.62 7.72 7.72 7.75 7.18	Temp. (Celcius) [3°5]*	Pump Type: Samples collect O MO pH [0 1 units]*	Sp. (ms	Cond.	Turbidity (NTU) [10% or 1 NTU]* 20) 192 209 183 144 101 53	DO (mg/l) (10%)*	ORP (mV) [10 mV]*
Time 375 325 330 335 335 355	Pump Rate (L/min.) 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed 0- 0.1 0.3 0.4 0.7	Water Level (ft TIC) 7.58 7.62 7.64 7.72 7.72 7.75 7.78 7.30	Temp. (Celcius) [3%]*	Pump Type: Samples collect O3MO pH [0 1 units]*	Sp. (ms	Cond. Sicm) %)*	Turbidity (NTU) [10% or 1 NTU]* 20) 192 209 183 144 101 53 30 21	DO (mg/l) (10%)*	ORP (mV) [10 mV]*
Time 372 372 373 375 375 375 400	Pump Rate (L/min.) 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed 0- 0.1 0.3 0.4 0.5 0.7 0.8 0.9	Water Level (ft TIC) 7.58 7.62 7.64 7.72 7.72 7.75 7.78 7.90 1.90	Temp. (Celcius) [3%]*	Pump Type: Samples collect O MO pH [0 1 units]*	Sp. (ms	Cond.	Turbidity (NTU) (10% or 1 NTU) 192 209 183 144 101 53 30 21	DO (mg/l) (10%)*	ORP (mV) [10 mV]*
Time 372 372 373 375 375 375 375 400 405	Pump Rate (Umin.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed 0- 0.1 0.3 0.4 0.5 0.7 0.8 0.9	Water Level (ft TIC) 7.38 7.42 7.64 7.72 7.72 7.72 7.75 7.30 7.80 7.80	Temp. (Celcius) [3°5]* 	Pump Type: Samples collect O3MO pH [0 1 units]*	Sp. (mS) [3	Cond. Sicm) %)*	Turbidity (NTU) (10% or 1 NTU) 20) 192 209 183 144 101 53 30 21 12	DO [mg/l] [10%]*	ORP (mV) [10 mV]*
Time 1325 325 1330 1335	Pump Rate (Umin.) 0-100 0-100	Total Gallons Removed 0- 0.1	Water Level (ft TIC) 7.58 7.62 7.64 7.72	Temp. (Celcius)	Pump Type: Samples collect	Sp. (mS	Same me	Turbidity (NTU) [10% or 1 NTU] 201 192 201 183	DO (mg/l)	ORI (mV
Time 372 372 373 375 375 375 375 400 405	Pump Rate (Umin.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed 0- 0.1 0.3 0.4 0.5 0.7 0.8 0.9	Water Level (ft TIC) 7.58 7.62 7.64 7.72 7.72 7.75 7.78 7.90 1.90	Temp. (Celcius) [3%]*	Pump Type: Samples collect (O3MO pH [0 1 units]*	Sp. (mS	Cond. Sicm) %)*	Turbidity (NTU) (10% or 1 NTU) 192 209 183 144 101 53 30 21	DO [mg/l] [10%]*	ORP (mV) [10 mV]*
Time 372 372 375 330 335 345 350 355 400 405	Pump Rate (Umin.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed 0- 0.1 0.3 0.4 0.5 0.7 0.8 0.9 1.1	Water Level (ft TIC) 7.38 7.42 7.64 7.72 7.72 7.72 7.75 7.30 7.80 7.80	Temp. (Celcius) [3°5]* 	Pump Type: Samples collect (O3MO pH [0 1 units]*	Sp. (mS) [3	Cond. Sicm) %)*	Turbidity (NTU) (10% or 1 NTU) 20) 192 209 183 144 101 53 30 21 12	DO [mg/l] [10%]*	ORP (mV) (10 mV)*
Time 372 372 373 375 375 375 375 375	Pump Rate (Umin.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed 0- 0.1 0.3 0.4 0.5 0.7 0.8 0.9 1.1 1.2 1.3	Water Level (ft TIC) 7.38 7.42 7.64 7.72 7.72 7.72 7.75 7.30 7.30 7.30 7.30 7.30	Temp. (Celcius) [3°5]*	Pump Type: Samples collect (O3MO pH [0 1 units]*	Sp. (mS) [3	Cond. Sicen) %)*	Turbidity (NTU) [10% or 1 NTU]* 20) 192 209 183 199 101 53 30 21 12 8	DO (mg/l) (10%)*	ORP (mV) (10 mV)*
Time 372 375 335 335 335 400 405 410 415 e stabilizati SERVATION	Pump Rate (Umin.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed 0- 0.1 0.3 0.4 0.7 0.8 0.9 1.1 1.2 1.3 b field parameter	Water Level (ft TIC) 7.58 7.62 7.64 7.72 7.72 7.75 7.78 7.90 7.80 7.90 er (Ihres consections	Temp. (Calcius) [3°5]* 10.62 10.62 10.9 10.91 Lo.91 Lo.91 Lo.91	Pump Type: Samples collected at 3- to 5 EMATE: WAS	Sp. (ms)	Cond. Sicen) %)* 23 24 e interva	Turbidity (NTU) (10% or 1 NTU) 20) 192 209 183 144 101 53 30 21 12	DO (mg/l) (10%)*	ORP (mV) (10 mV)*
Time 372 372 373 375 375 400 405 410 415 e stabilizati SERVATION	Pump Rate (Umin.) 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100 0.100	Total Gallons Removed 0- 0.1 0.3 0.4 0.7 0.8 0.9 1.1 1.2 1.3 b field parameter	Water Level (ft TIC) 7.58 7.62 7.64 7.72 7.72 7.75 7.78 7.90 7.80 7.90 er (Ihres consections	Temp. (Calcius) [3°5]* 10.62 10.62 10.9 10.91 Lo.91 Lo.91 Lo.91	Pump Type: Samples collected at 3- to 5 EMATE: WAS	Sp. (ms)	Cond. Sicen) %)* 23 24 e interva	Turbidity (NTU) [10% or 1 NTU]* 20) 192 209 183 194 101 53 30 21 12 8 7 Is) is listed in each	DO (mg/l) (10%)*	ORP (mV) (10 mV)*

(5

Well Hea WELL INFORM Reference Height of F					npling Personn	el SLL/			
Well Hea WELL INFORM Reference Height of F	adspace (ppm				Dat	6-1	ne!		
WELL INFORM Reference Height of F	MATION	1)		_	Weath		Claray ~500	ic .	
Reference Meight of F				-	Wedne	1 7000	cary-so,		
Reference Meight of F							Sample Tim	e	
Ideight of F	e Point Marked	7 Y N						0	
Screen	Reference Poir		Meas, From						
		er					MS/MS		
Wat	Noterval Dept		Meas. From				Split Sample II		
	ter Table Depti	h	Meas. From	V	201				
	Well Dept	h_	Meas. From			Require	d Analytical	Parameters:	Collect
Length of	Water Column	1				()	VOCs	(Std. list)	(
Volume of	of Water in Wei	ii 🔪				()	VOCs	(Exp.list)	
Intake Depth	of pump/tubing	9	Mess. From			()	sv	OCs	1
				22		()	PCBs	(Total)	()
leference Point	t Identification:			ED.		()	PCBs (D	issolved)	()
IC: Top of Inne	er (PVC) casin	9		SEPAO	6	()	Metals/Inc	org. (Total)	()
OC. Top of out	ter (protective)	casing			1	1.)	Metals/Inorg	(Dissolved)	()
rade/BGS: Gro	ound Surface				1	()	PCDDs	/PCDFs	()
						1 1	Pest	Herb	()
edevelop?	Y N					1	Natural A	ttenuation	(- 1
							Other (S	Specify)	1)
VACUATION IN	NFORMATION	l.							
Pun	mp Start Time	Ü	_						
Pur	mp Stop Time		_		Evacuation Mi	ethod: Bailer	() Bladder F	ump ()	
tinutes of Pump	ping		-		Penstattic Pun	np ()	Submersible Pump () Cith	er/Specify (
olume of water	removed				Pump Type:				
	Pump	Total	Water	Temp.	рН	Sp. Cand.	Turbidity	00	ORP
Time	Rate	Gallons	Level	(Celcius)	6.763	(mS/cm)	(NTU)	(mg/l)	(mV)
h.m.	(L/min.)	Removed	(ft TIC)	(30%).	[0 1 units]*/	(3%)*	[10% or 1 NTU].	[10%]*	[10 mV]*
1420	0.100	1,6	7,80	11_13	130	1.530	4	0.24	-70.6
1	0-100	17	7.80	11.23	6.71	1.520	4	0.21	10.0
	and a supplemental and a supplem	1.8	7.80	11.17	6760	*****	7	(7.77	-720
1430	0.100	7.0	7 40	11 70		1.524	1		-73.0
430	0- MD	2.0	7.30	11,29	a.77	1.524	4	0.17	-73.0 -74.9
1430	W 1 2 3 3 3 5 7	2.0	7.30	11,29). S24	4		
430	W 1 2 3 3 3 5 7	2.0	7.30	11,29). S24	4		
1430	W 1 2 3 3 3 5 7	2.0	7.30	11,29		/. S24	4		

Appendix B

Groundwater Analytical Results



GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2004 GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

	Site ID:	30)s Complex	East St. Area 1 - North	East St. Area 1 - South	East St. Area 2 - North
	Sample ID:	RF-02	RF-16	ESA1N-52	GMA1-6	ES1-05
Parameter	Date Collected:	04/06/04	04/07/04	04/09/04	04/09/04	04/06/04
Volatile Organics						
1,1,1,2-Tetrachloroe	ethane	NA	NA	NA	ND(0.0050)	NA
1,1,1-Trichloroethar	ne	NA	NA	NA	ND(0.0050)	NA
1,1,2,2-Tetrachloroe	ethane	NA	NA	NA	ND(0.0050)	NA
1,1,2-Trichloroethar	ne	NA	NA	NA	ND(0.0050)	NA
1,1-Dichloroethane		NA	NA	NA	ND(0.0050)	NA
1,1-Dichloroethene		NA	NA	NA	ND(0.0010)	NA
1,2,3-Trichloropropa		NA	NA	NA	ND(0.0050)	NA
1,2-Dibromo-3-chlo	ropropane	NA	NA	NA	ND(0.0050)	NA
1,2-Dibromoethane		NA	NA	NA	ND(0.0010)	NA
1,2-Dichloroethane		NA	NA	NA	ND(0.0050)	NA
1,2-Dichloropropane	9	NA	NA	NA	ND(0.0050)	NA
1,4-Dioxane		NA	NA	NA	ND(0.20) J	NA
2-Butanone		NA	NA	NA	ND(0.010) J	NA
2-Chloro-1,3-butadi		NA	NA	NA	ND(0.0050)	NA
2-Chloroethylvinylet	her	NA	NA	NA	ND(0.0050)	NA
2-Hexanone		NA	NA NA	NA NA	ND(0.010) J	NA NA
3-Chloropropene		NA	NA	NA	ND(0.0050)	NA
4-Methyl-2-pentano	ne	NA	NA NA	NA NA	ND(0.010)	NA NA
Acetone		NA	NA NA	NA NA	ND(0.010) J	NA NA
Acetonitrile		NA	NA	NA NA	ND(0.10) J	NA
Acrolein		NA	NA NA	NA NA	ND(0.10) J	NA NA
Acrylonitrile		NA	NA NA	NA NA	ND(0.0050)	NA NA
Benzene		NA	NA	NA NA	ND(0.0050)	NA NA
Bromodichlorometh	ane	NA	NA NA	NA NA	ND(0.0050)	NA NA
Bromoform		NA	NA NA	NA NA	ND(0.0050)	NA NA
Bromomethane		NA NA	NA NA	NA NA	ND(0.0020) ND(0.0050)	NA NA
Carbon Disulfide	la la	NA NA	NA NA	NA NA	, ,	NA NA
Carbon Tetrachlorid Chlorobenzene	ie	NA NA	NA NA	NA NA	ND(0.0050) ND(0.0050)	NA NA
Chloroethane		NA NA	NA NA	NA NA	ND(0.0050)	NA NA
Chloroform		NA NA	NA NA	NA NA	ND(0.0050)	NA NA
Chloromethane		NA NA	NA NA	NA NA	ND(0.0050)	NA NA
cis-1,3-Dichloroprop	ono	NA NA	NA NA	NA NA	ND(0.0050) ND(0.0050)	NA NA
Dibromochlorometh		NA NA	NA NA	NA NA	ND(0.0050)	NA NA
Dibromomethane	ane	NA NA	NA NA	NA NA	ND(0.0050)	NA NA
Dichlorodifluoromet	hano	NA NA	NA NA	NA NA	ND(0.0050) J	NA NA
Ethyl Methacrylate	ilalic	NA NA	NA NA	NA NA	ND(0.0050) 3	NA NA
Ethylbenzene		NA NA	NA NA	NA NA	ND(0.0050)	NA NA
Iodomethane		NA NA	NA NA	NA NA	ND(0.0050)	NA NA
Isobutanol		NA NA	NA NA	NA NA	ND(0.10) J	NA NA
Methacrylonitrile		NA	NA NA	NA NA	ND(0.0050)	NA NA
Methyl Methacrylate	2	NA	NA NA	NA NA	ND(0.0050)	NA NA
Methylene Chloride		NA	NA	NA NA	ND(0.0050)	NA NA
Propionitrile		NA	NA NA	NA NA	ND(0.010) J	NA NA
Styrene		NA NA	NA NA	NA NA	ND(0.0050)	NA NA
Tetrachloroethene		NA	NA NA	NA NA	ND(0.0020)	NA NA
Toluene		NA	NA NA	NA NA	ND(0.0050)	NA NA
trans-1,2-Dichloroet	hene	NA	NA NA	NA NA	ND(0.0050)	NA NA
trans-1,3-Dichloropi		NA	NA NA	NA NA	ND(0.0050)	NA NA
trans-1.4-Dichloro-2		NA	NA	NA NA	ND(0.0050)	NA NA
Trichloroethene	. 23(0)10	NA NA	NA NA	NA NA	ND(0.0050)	NA NA
Trichlorofluorometh	ane	NA NA	NA NA	NA NA	ND(0.0050) J	NA NA
Vinyl Acetate		NA NA	NA NA	NA NA	ND(0.0050)	NA NA
Vinyl Chloride		NA NA	NA NA	NA NA	ND(0.0030)	NA NA
Xylenes (total)		NA NA	NA NA	NA NA	ND(0.010)	NA NA
Total VOCs		NA NA	NA NA	NA NA	ND(0.20)	NA NA

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2004 GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Site I	D: 30s	Complex	East St. Area 1 - North	East St. Area 1 - South	East St. Area 2 - North
Sample I		RF-16	ESA1N-52	GMA1-6	ES1-05
Parameter Date Collecte	d: 04/06/04	04/07/04	04/09/04	04/09/04	04/06/04
PCBs-Filtered					
Aroclor-1016	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)	ND(0.000065) [ND(0.000065)]
Aroclor-1221	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)	ND(0.000065) [ND(0.000065)]
Aroclor-1232	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)	ND(0.000065) [ND(0.000065)]
Aroclor-1242	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)	ND(0.000065) [ND(0.000065)]
Aroclor-1248	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)	ND(0.000065) [ND(0.000065)]
Aroclor-1254	0.000021 J	NA	ND(0.000065)	ND(0.000065)	0.00034 [0.00028]
Aroclor-1260	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)	ND(0.000065) [ND(0.000065)]
Total PCBs	0.000021 J	NA	ND(0.000065)	ND(0.000065)	0.00034 [0.00028]
Semivolatile Organics					
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	NA	NA	NA	ND(0.0050)	NA
1,2-Dichlorobenzene	NA	NA	NA	ND(0.0050)	NA
1,2-Diphenylhydrazine	NA	NA	NA	NA	NA
1,3,5-Trinitrobenzene	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	NA	NA	NA	ND(0.0050)	NA
1,3-Dinitrobenzene	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	NA	NA	NA	ND(0.0050)	NA
1,4-Naphthoquinone	NA	NA NA	NA NA	NA	NA NA
1-Naphthylamine	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	NA	NA	NA NA	NA	NA NA
2,4,6-Trichlorophenol	NA NA	NA NA	NA NA	NA NA	NA NA
2,4-Dichlorophenol	NA	NA NA	NA NA	NA NA	NA NA
2,4-Dimethylphenol	NA NA	NA NA	NA NA	NA NA	NA NA
2,4-Dinitrophenol 2.4-Dinitrotoluene	NA NA	NA NA	NA NA	NA NA	NA NA
2,4-Dinitrotoluene 2,6-Dichlorophenol	NA NA	NA NA	NA NA	NA NA	NA NA
2,6-Dinitrotoluene	NA NA	NA NA	NA NA	NA NA	NA NA
2-Acetylaminofluorene	NA NA	NA NA	NA NA	NA NA	NA NA
2-Chloronaphthalene	NA NA	NA NA	NA NA	NA NA	NA NA
2-Chlorophenol	NA NA	NA NA	NA NA	NA NA	NA NA
2-Methylnaphthalene	NA NA	NA NA	NA NA	NA NA	NA NA
2-Methylphenol	NA NA	NA NA	NA NA	NA NA	NA NA
2-Naphthylamine	NA NA	NA NA	NA NA	NA NA	NA NA
2-Nitroaniline	NA	NA	NA	NA	NA NA
2-Nitrophenol	NA	NA	NA	NA	NA NA
2-Picoline	NA	NA	NA	NA	NA NA
3&4-Methylphenol	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	NA	NA	NA	NA	NA
3,3'-Dimethylbenzidine	NA	NA	NA	NA	NA
3-Methylcholanthrene	NA	NA	NA	NA	NA
3-Nitroaniline	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	NA
4-Aminobiphenyl	NA	NA	NA	NA	NA
4-Bromophenyl-phenylether	NA	NA	NA	NA	NA
4-Chloro-3-Methylphenol	NA	NA	NA	NA	NA
4-Chloroaniline	NA	NA	NA	NA	NA
4-Chlorobenzilate	NA	NA NA	NA	NA	NA NA
4-Chlorophenyl-phenylether	NA	NA	NA NA	NA NA	NA NA
4-Nitroaniline	NA NA	NA NA	NA NA	NA NA	NA NA
4-Nitrophenol	NA NA	NA NA	NA NA	NA NA	NA NA
4-Nitroquinoline-1-oxide	NA NA	NA NA	NA NA	NA NA	NA NA
4-Phenylenediamine	NA NA	NA NA	NA NA	NA	NA NA
5-Nitro-o-toluidine	NA NA	NA NA	NA NA	NA NA	NA NA
7,12-Dimethylbenz(a)anthracene	NA NA	NA NA	NA NA	NA NA	NA NA
a,a'-Dimethylphenethylamine	NA NA	NA NA	NA NA	NA NA	NA NA
Acenaphthylone	NA NA	NA NA	NA NA	NA NA	NA NA
Acetaphanana	NA NA	NA NA	NA NA	NA NA	NA NA
Acetophenone	NA	NA	NA	NA	NA

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2004 GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Site ID:	30	s Complex	East St. Area 1 - North	East St. Area 1 - South	East St. Area 2 - North
Sample ID:	RF-02	RF-16	ESA1N-52	GMA1-6	ES1-05
Parameter Date Collected:	04/06/04	04/07/04	04/09/04	04/09/04	04/06/04
Semivolatile Organics (continued)					
Aniline	NA	NA	NA	NA	NA
Anthracene	NA	NA	NA	NA	NA
Aramite	NA	NA	NA	NA	NA
Benzidine	NA	NA	NA	NA	NA
Benzo(a)anthracene	NA	NA	NA	NA	NA
Benzo(a)pyrene	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	NA	NA	NA	NA	NA
Benzyl Alcohol	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	NA	NA	NA	NA	NA
bis(2-Chloroethyl)ether	NA	NA	NA	NA	NA
bis(2-Chloroisopropyl)ether	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	NA	NA	NA	NA	NA
Butylbenzylphthalate	NA	NA	NA	NA	NA NA
Chrysene	NA	NA	NA NA	NA	NA
Diallate	NA	NA NA	NA NA	NA NA	NA NA
Dibenzo(a,h)anthracene	NA	NA NA	NA NA	NA NA	NA NA
Dibenzofuran	NA	NA NA	NA NA	NA NA	NA NA
Diethylphthalate	NA	NA NA	NA NA	NA NA	NA NA
Dimethylphthalate	NA	NA NA	NA NA	NA NA	NA NA
Di-n-Butylphthalate	NA	NA NA	NA NA	NA NA	NA NA
Di-n-Octylphthalate	NA	NA NA	NA NA	NA NA	NA NA
Diphenylamine	NA	NA NA	NA NA	NA NA	NA NA
Ethyl Methanesulfonate	NA NA	NA NA	NA NA	NA NA	NA NA
Fluoranthene	NA	NA NA		NA NA	NA NA
Fluorene	NA NA	NA NA	NA NA	NA NA	NA NA
Hexachlorobenzene	NA NA	NA NA	NA NA	NA NA	NA NA
Hexachlorobutadiene Hexachlorocyclopentadiene	NA NA	NA NA	NA NA	NA NA	NA NA
Hexachloroethane	NA NA	NA NA	NA NA	NA NA	NA NA
Hexachlorophene	NA NA	NA NA	NA NA	NA NA	NA NA
Hexachloropropene	NA NA	NA NA	NA NA	NA NA	NA NA
Indeno(1,2,3-cd)pyrene	NA NA	NA NA	NA NA	NA NA	NA NA
Isodrin	NA NA	NA NA	NA NA	NA NA	NA NA
Isophorone	NA NA	NA NA	NA NA	NA NA	NA NA
Isosafrole	NA NA	NA NA	NA NA	NA NA	NA NA
Methapyrilene	NA	NA NA	NA NA	NA NA	NA NA
Methyl Methanesulfonate	NA	NA NA	NA NA	NA NA	NA NA
Naphthalene	NA	NA NA	NA NA	ND(0.0050)	NA NA
Nitrobenzene	NA	NA	NA NA	NA NA	NA
N-Nitrosodiethylamine	NA	NA	NA	NA NA	NA
N-Nitrosodimethylamine	NA	NA NA	NA NA	NA NA	NA NA
N-Nitroso-di-n-butylamine	NA	NA	NA NA	NA	NA
N-Nitroso-di-n-propylamine	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	NA	NA	NA NA	NA	NA
N-Nitrosomethylethylamine	NA	NA	NA	NA	NA
N-Nitrosomorpholine	NA	NA	NA	NA	NA
N-Nitrosopiperidine	NA	NA	NA	NA	NA
N-Nitrosopyrrolidine	NA	NA	NA	NA	NA
o,o,o-Triethylphosphorothioate	NA	NA	NA	NA	NA
o-Toluidine	NA	NA	NA	NA	NA
p-Dimethylaminoazobenzene	NA	NA	NA	NA	NA
Pentachlorobenzene	NA	NA	NA	NA	NA
Pentachloroethane	NA	NA	NA	NA	NA
Pentachloronitrobenzene	NA	NA	NA	NA	NA
Pentachlorophenol	NA	NA	NA	NA	NA
Phenacetin	NA	NA	NA	NA	NA
Phenanthrene	NA	NA	NA	NA	NA

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2004 GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Site ID:	3	30s Complex	East St. Area 1 - North	East St. Area 1 - South	East St. Area 2 - North
Sample ID:	RF-02	RF-16	ESA1N-52	GMA1-6	ES1-05
Parameter Date Collected:	04/06/04	04/07/04	04/09/04	04/09/04	04/06/04
Semivolatile Organics (continued)					
Phenol	NA	NA	NA	NA	NA
Pronamide	NA	NA	NA	NA	NA
Pyrene	NA	NA	NA	NA	NA
Pyridine	NA	NA	NA	NA	NA
Safrole	NA	NA	NA	NA	NA
Thionazin	NA	NA	NA	NA	NA
Furans		•		-	
2,3,7,8-TCDF	NA	NA	NA	NA	NA
TCDFs (total)	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDF	NA	NA	NA	NA	NA
2,3,4,7,8-PeCDF	NA	NA	NA	NA	NA
PeCDFs (total)	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	NA
HxCDFs (total)	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	NA
HpCDFs (total)	NA	NA	NA	NA	NA
OCDF	NA	NA	NA	NA	NA
Dioxins					
2,3,7,8-TCDD	NA	NA	NA	NA	NA
TCDDs (total)	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	NA	NA	NA	NA	NA
PeCDDs (total)	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	NA
HxCDDs (total)	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA	NA
HpCDDs (total)	NA	NA	NA	NA	NA
OCDD	NA	NA	NA	NA	NA
Total TEQs (WHO TEFs)	NA	NA	NA	NA	NA
Inorganics-Unfiltered					
Sulfide	NA	NA	NA	NA	NA
Inorganics-Filtered					
Antimony	NA	NA	NA	NA	NA
Arsenic	NA	NA	NA	NA	NA
Barium	NA	NA	NA	NA	NA
Beryllium	NA	NA	NA	NA	NA
Cadmium	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA
Cobalt	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA
Cyanide	NA	ND(0.0100) [ND(0.0100)]	NA	NA	NA
Lead	NA	NA	NA	NA	NA
Mercury	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA
Selenium	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA
Thallium	NA	NA	NA	NA	NA
Tin	NA	NA	NA	NA	NA
Vanadium	NA	NA	NA	NA	NA
Zinc	NA	NA	NA	NA	NA

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2004 GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Parameter Date Collected: 04/06/04 04/07/04 05/03/04 04/07/04 0		Site ID:	East St. Are	ea 2 - North		East St. Area	2 - South	
Volatile Organics					E2SC-23			ESA2S-52
1.1.1.2-11chiorocethane	Parameter	Date Collected:	04/06/04	04/06/04	04/07/04	05/03/04	04/07/04	04/07/04
1.1.1-Trichloroethane	Volatile Organic	cs						
1.1.2.2-Irtarchloroethane	1,1,1,2-Tetrachlo	oroethane	NA		NA	NA	NA	NA
1.1.2-Trichloroethane	1,1,1-Trichloroet	hane		ND(0.0050)		NA	NA	
1.1-Dichlorocethane	, , ,							
1.1-Dichiordentene								
1,2,3-Trichlorgropane				. ,				
1.2-Dibromo-3-chloropropane								
1,2-Distromoethane				· · · · · · · · · · · · · · · · · · ·				
1,2-Dichloropropane		- ' '		(,				
12-Dichloropropane								
14-Dioxane	,			_ `				
2-Butanone		ane		, ,				
2.Chloro-1,3-butadiene				\ /				
2.Chloroethylninylether								
2-Hexanone								
3-Chicropropense NA ND(0.0050) NA NA NA NA -Methyl-2-pentanone NA ND(0.010) NA NA NA NA -Methyl-2-pentanone NA ND(0.010) NA NA NA NA NA -Methyl-2-pentanone NA ND(0.0050) NA NA NA NA NA -Methyl-2-pentanone		ylether		. ,				
A-Methyl-2-pentanone								
Acetonitrile NA ND(0.010) J NA NA NA NA Acetonitrile NA ND(0.10) J NA NA NA NA Acrolein NA ND(0.10) J NA NA NA NA Benzene NA ND(0.0050) NA NA NA NA Bromodichloromethane NA ND(0.0050) NA NA NA NA Carbon Tetrachloride NA ND(0.0050) NA NA NA NA Chlorobenzene NA ND(0.0050) NA NA NA NA NA Chloroform								
Acetonitrile NA ND(0.10) J NA NA NA NA Acrolein NA ND(0.10) J NA		anone						
Acrolein NA ND(0.10) J NA NA NA NA Acrylonitrile NA ND(0.0050) NA								
Acrylonitrile NA ND(0.0050) NA NA NA NA Benzene NA ND(0.0050) NA				(/ -				
Benzene NA ND(0.0050) NA NA NA NA Bromodichloromethane NA ND(0.0050) NA NA <td></td> <td></td> <td></td> <td>(/ -</td> <td></td> <td></td> <td></td> <td></td>				(/ -				
Bromodichloromethane								
Bromoform		othono						
Brommethane NA ND(0.0020) NA NA NA NA Carbon Disulfide NA ND(0.0050) NA NA <td></td> <td>etriarie</td> <td></td> <td>, ,</td> <td></td> <td></td> <td></td> <td></td>		etriarie		, ,				
Carbon Disulfide NA ND(0.0050) NA NA NA NA Carbon Tetrachloride NA ND(0.0050) NA								
Carbon Tetrachloride NA ND(0.0050) NA NA NA NA Chlorobenzene NA ND(0.0050) NA NA <td< td=""><td></td><td>,</td><td></td><td>\ /</td><td></td><td></td><td></td><td></td></td<>		,		\ /				
Chlorobenzene NA ND(0.0050) NA NA </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
Chloroethane NA ND(0.0050) NA NA NA NA Chloroform NA 0.0057 NA NA NA NA Chloromethane NA ND(0.0050) NA NA NA NA Cis-1,3-Dichloropropene NA ND(0.0050) NA NA NA NA Dibromochloromethane NA ND(0.0050) NA NA NA NA Dibromomethane NA ND(0.0050) NA NA NA NA Ethyl Methacrylate NA ND(0.0050) NA NA NA NA Ethyl Methacrylate NA ND(0.0050) NA NA NA NA Methyl Methacrylate NA <td></td> <td>onde</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		onde						
Chloroform NA 0.0057 NA NA NA NA Chloromethane NA ND(0.0050) NA NA NA NA Cis-1,3-Dichloropropene NA ND(0.0050) NA NA NA NA Dibromochloromethane NA ND(0.0050) NA NA NA NA Dibromochloromethane NA ND(0.0050) NA NA NA NA Dichlorodifluoromethane NA ND(0.0050) NA NA NA NA Ethyl Methacrylate NA ND(0.0050) NA NA NA NA Ethyl Methacrylate NA ND(0.0050) NA NA NA NA Ethyl Methacrylate NA ND(0.0050) NA NA NA NA Isobutanol NA ND(0.0050) NA NA NA NA Methacryloritrile NA ND(0.0050) NA NA NA NA Methyl Methacrylate <td></td> <td></td> <td></td> <td>_ `</td> <td></td> <td></td> <td></td> <td></td>				_ `				
Chloromethane NA ND(0.0050) NA NA NA NA cis-1,3-Dichloropropene NA ND(0.0050) NA NA NA NA NA Dibromochloromethane NA ND(0.0050) NA NA NA NA NA Dibromorethane NA ND(0.0050) NA NA NA NA NA Dichlorodifluoromethane NA ND(0.0050) NA NA </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
cis-1,3-Dichloropropene NA ND(0.0050) NA NA NA NA Dibromochloromethane NA ND(0.0050) NA NA NA NA Dibromomethane NA ND(0.0050) NA NA NA NA Dichlorodifluoromethane NA ND(0.0050) NA NA NA NA Ethyl Methacrylate NA ND(0.0050) NA NA NA NA Ethyl Methacrylate NA ND(0.0050) NA NA NA NA Indomethane NA ND(0.0050) NA NA NA NA Isobutanol NA ND(0.0050) NA NA NA NA Isobutanol NA ND(0.0050) NA NA NA NA Isobutanol NA ND(0.0050) NA NA NA NA Methylene Chioride NA ND(0.0050) NA NA NA NA Methylene Chloride <								
Dibromochloromethane NA ND(0.0050) NA NA NA NA Dibromomethane NA ND(0.0050) NA NA NA NA Dichlorodifluoromethane NA ND(0.0050) NA NA NA NA Ethyl Methacrylate NA ND(0.0050) NA NA NA NA NA Ethylbenzene NA ND(0.0050) NA		ronene						
Dibromomethane NA ND(0.0050) NA NA NA NA NA Dichlorodifluoromethane NA ND(0.0050) NA		-		. ,				
Dichlorodifluoromethane NA ND(0.0050) NA NA NA NA Ethyl Methacrylate NA ND(0.0050) NA				_ `				
Ethyl Methacrylate NA ND(0.0050) NA NA NA NA Ethylbenzene NA ND(0.0050) NA NA NA NA Iodomethane NA ND(0.0050) NA NA NA NA Isobutanol NA ND(0.0050) NA NA NA NA Methacrylonitrile NA ND(0.0050) NA NA NA NA Methyl Methacrylate NA ND(0.0050) NA NA NA NA Methylene Chloride NA ND(0.0050) NA NA NA NA Propionitrile NA ND(0.0050) NA NA NA NA Streene NA								
Ethylbenzene NA ND(0.0050) NA NA NA NA Iodomethane NA ND(0.0050) NA NA NA NA Isobutanol NA ND(0.0050) NA NA NA NA Methacrylonitrile NA ND(0.0050) NA NA NA NA Methyl Methacrylate NA ND(0.0050) NA NA NA NA Methylene Chloride NA ND(0.0050) NA NA NA NA Propionitrile NA ND(0.0050) NA NA NA NA Styrene NA				. ,				
Iodomethane								
Isobutanol						NA		
Methacrylonitrile NA ND(0.0050) NA NA NA NA Methyl Methacrylate NA ND(0.0050) NA NA NA NA NA Methylene Chloride NA ND(0.0050) NA NA NA NA NA Propionitrile NA ND(0.010) J NA	Isobutanol					NA		
Methyl Methacrylate NA ND(0.0050) NA NA NA NA Methylene Chloride NA ND(0.0050) NA NA NA NA NA Propionitrile NA ND(0.010) J NA	Methacrylonitrile		NA		NA	NA	NA	NA
Propionitrile NA ND(0.010) J NA NA NA NA NA Styrene NA ND(0.0050) NA	Methyl Methacry	late	NA		NA	NA	NA	NA
Propionitrile NA ND(0.010) J NA NA NA NA NA Styrene NA ND(0.0050) NA	Methylene Chlor	ide	NA	ND(0.0050)	NA	NA	NA	NA
Tetrachloroethene NA ND(0.0020) NA NA NA NA Toluene NA ND(0.0050) NA NA NA NA NA trans-1,2-Dichloroethene NA ND(0.0050) NA NA NA NA NA trans-1,3-Dichloropropene NA ND(0.0050) NA NA NA NA NA trans-1,4-Dichloro-2-butene NA ND(0.0050) NA NA NA NA NA Trichloroethene NA ND(0.0050) NA NA NA NA NA Trichlorofluoromethane NA ND(0.0050) NA NA NA NA NA Vinyl Acetate NA ND(0.0050) NA NA NA NA Vinyl Chloride NA ND(0.0020) NA NA NA NA Xylenes (total) NA NA NA NA NA NA								
Toluene NA ND(0.0050) NA NA NA NA NA trans-1,2-Dichloroethene NA ND(0.0050) NA N	Styrene		NA	ND(0.0050)	NA	NA	NA	NA
trans-1,2-Dichloroethene NA ND(0.0050) NA NA NA NA trans-1,3-Dichloropropene NA ND(0.0050) NA NA NA NA trans-1,4-Dichloro-2-butene NA ND(0.0050) NA NA NA NA Trichloroethene NA ND(0.0050) NA NA NA NA Trichlorofluoromethane NA ND(0.0050) NA NA NA NA Vinyl Acetate NA ND(0.0050) NA NA NA NA Vinyl Chloride NA ND(0.0020) NA NA NA NA Xylenes (total) NA NA NA NA NA NA	Tetrachloroether	ne	NA	ND(0.0020)	NA	NA	NA	NA
trans-1,3-Dichloropropene NA ND(0.0050) NA NA NA NA trans-1,4-Dichloro-2-butene NA ND(0.0050) NA NA NA NA Trichloroethene NA ND(0.0050) NA NA NA NA Trichlorofluoromethane NA ND(0.0050) NA NA NA NA Vinyl Acetate NA ND(0.0050) NA NA NA NA Vinyl Chloride NA ND(0.0020) NA NA NA NA Xylenes (total) NA ND(0.010) NA NA NA NA	Toluene		NA	ND(0.0050)	NA	NA	NA	NA
trans-1,4-Dichloro-2-butene NA ND(0.0050) NA NA NA NA Trichloroethene NA ND(0.0050) NA NA NA NA Trichlorofluoromethane NA ND(0.0050) NA NA NA NA Vinyl Acetate NA ND(0.0050) NA NA NA NA Vinyl Chloride NA ND(0.0020) NA NA NA NA Xylenes (total) NA ND(0.010) NA NA NA NA	trans-1,2-Dichlor	oethene		. ,		NA		NA
Trichloroethene NA ND(0.0050) NA NA NA NA Trichlorofluoromethane NA ND(0.0050) NA NA NA NA Vinyl Acetate NA ND(0.0050) NA NA NA NA Vinyl Chloride NA ND(0.0020) NA NA NA NA Xylenes (total) NA ND(0.010) NA NA NA NA	trans-1,3-Dichlor	opropene	NA	ND(0.0050)	NA	NA	NA	NA
Trichlorofluoromethane NA ND(0.0050) NA NA NA NA Vinyl Acetate NA ND(0.0050) NA NA NA NA Vinyl Chloride NA ND(0.0020) NA NA NA NA Xylenes (total) NA ND(0.010) NA NA NA NA	trans-1,4-Dichlor	o-2-butene	NA	ND(0.0050)	NA	NA	NA	NA
Vinyl Acetate NA ND(0.0050) NA NA NA NA Vinyl Chloride NA ND(0.0020) NA NA NA NA Xylenes (total) NA ND(0.010) NA NA NA NA					NA			NA
Vinyl Chloride NA ND(0.0020) NA NA NA NA Xylenes (total) NA ND(0.010) NA NA NA NA		ethane		_ `		NA		
Xylenes (total) NA ND(0.010) NA NA NA NA								NA
7 ()								
Total VOCs NA 0.0057 NA NA NA NA	, , ,		NA	(/		NA	NA	NA
	Total VOCs		NA	0.0057	NA	NA	NA	NA

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2004 GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

	Site ID:	East St. Area	a 2 - North		East St. Area	2 - South	
	Sample ID:	ES1-27R	GMA1-4	E2SC-23	E2SC-24	ES2-02A	ESA2S-52
Parameter Da	te Collected:	04/06/04	04/06/04	04/07/04	05/03/04	04/07/04	04/07/04
PCBs-Filtered							
Aroclor-1016		ND(0.000065)	NA	ND(0.00025)	ND(0.000065)	NA	NA
Aroclor-1221		ND(0.000065)	NA NA	ND(0.00025)	ND(0.000065)	NA NA	NA NA
Aroclor-1232		ND(0.000065)	NA NA	ND(0.00025)	ND(0.000065)	NA NA	NA NA
Aroclor-1242		ND(0.000065)	NA NA	ND(0.00025)	ND(0.000065)	NA NA	NA NA
Aroclor-1248		ND(0.000065)	NA	ND(0.00025)	ND(0.000065)	NA	NA
Aroclor-1254		0.0019	NA	0.0056	ND(0.000065)	NA	NA
Aroclor-1260		0.00036	NA	0.0047	ND(0.000065)	NA	NA.
Total PCBs		0.00226	NA	0.0103	ND(0.000065)	NA	NA
Semivolatile Organic	s				(0.000000)		
1,2,4,5-Tetrachloroben		NA	NA	NA	NA	NA	NA
1.2.4-Trichlorobenzene		NA NA	ND(0.0050)	NA NA	NA NA	NA NA	NA NA
1,2-Dichlorobenzene	,	NA NA	ND(0.0050)	NA NA	NA NA	NA NA	NA NA
1,2-Diphenylhydrazine		NA NA	NA	NA NA	NA NA	NA NA	NA NA
1,3,5-Trinitrobenzene		NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
1,3-Dichlorobenzene		NA NA	ND(0.0050)	NA NA	NA NA	NA NA	NA NA
1,3-Dinitrobenzene		NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
1,4-Dichlorobenzene		NA NA	ND(0.0050)	NA NA	NA NA	NA NA	NA NA
1,4-Naphthoguinone		NA NA	NA	NA NA	NA NA	NA NA	NA NA
1-Naphthylamine		NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
2,3,4,6-Tetrachlorophe	nol	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
2,4,5-Trichlorophenol	:1101	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
2,4,6-Trichlorophenol		NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
2,4-Dichlorophenol		NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
2,4-Dimethylphenol		NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
, ,		NA NA		NA NA	NA NA	NA NA	NA NA
2,4-Dinitrophenol 2,4-Dinitrotoluene		NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
		NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
2,6-Dichlorophenol							
2,6-Dinitrotoluene		NA NA	NA	NA	NA NA	NA NA	NA
2-Acetylaminofluorene 2-Chloronaphthalene		NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
		NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
2-Chlorophenol							
2-Methylnaphthalene		NA NA	NA	NA	NA NA	NA NA	NA
2-Methylphenol		NA NA	NA	NA	NA NA	NA NA	NA
2-Naphthylamine		NA NA	NA	NA	NA NA	NA NA	NA
2-Nitroaniline		NA NA	NA	NA	NA NA		NA NA
2-Nitrophenol		NA NA	NA	NA NA	NA NA	NA NA	
2-Picoline			NA NA			NA NA	NA NA
3&4-Methylphenol		NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
3,3'-Dichlorobenzidine							
3,3'-Dimethylbenzidine		NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
3-Methylcholanthrene 3-Nitroaniline		NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
	onal						NA NA
4,6-Dinitro-2-methylph	enoi	NA NA	NA NA	NA NA	NA NA	NA	NA
4-Aminobiphenyl	othor	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
4-Bromophenyl-phenyl		NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
4-Chloro-3-Methylpher	IUI	NA NA	NA NA	NA NA	NA NA	NA NA	NA
4-Chloroaniline		NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
4-Chlorobenzilate	othor	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
4-Chlorophenyl-phenyl	eulei	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
4-Nitroaniline		NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
4-Nitrophenol	_	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
4-Nitroquinoline-1-oxid	е	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
4-Phenylenediamine		NA NA	NA	NA	NA NA	NA NA	NA
5-Nitro-o-toluidine		NA NA	NA	NA	NA NA	NA NA	NA
7,12-Dimethylbenz(a)a		NA NA	NA	NA	NA	NA	NA
a,a'-Dimethylphenethy	iamine	NA	NA	NA	NA	NA	NA
Acenaphthene		NA	NA	NA	NA	NA	NA
Acenaphthylene		NA	NA	NA	NA	NA	NA
Acetophenone		NA	NA	NA	NA	NA	NA

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2004 GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

	Site ID:	East St. Are	a 2 - North		East St. Area	2 - South	
	Sample ID:	ES1-27R	GMA1-4	E2SC-23	E2SC-24	ES2-02A	ESA2S-52
Parameter	Date Collected:	04/06/04	04/06/04	04/07/04	05/03/04	04/07/04	04/07/04
	anics (continued)						
Aniline		NA	NA	NA	NA	NA	NA
Anthracene		NA NA	NA	NA NA	NA	NA	NA
Aramite		NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
Benzidine	20	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
Benzo(a)anthrace Benzo(a)pyrene	ille	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
Benzo(b)fluoranth	ene	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
Benzo(g,h,i)peryle		NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
Benzo(k)fluoranth		NA NA	NA NA	NA NA	NA NA	NA	NA NA
Benzyl Alcohol	00	NA NA	NA NA	NA NA	NA NA	NA	NA.
bis(2-Chloroethox	y)methane	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl)		NA	NA	NA	NA	NA	NA
bis(2-Chloroisopro	pyl)ether	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)p	hthalate	NA	NA	NA	NA	NA	NA
Butylbenzylphthala	ate	NA	NA	NA	NA	NA	NA
Chrysene		NA	NA	NA	NA	NA	NA
Diallate		NA	NA	NA	NA	NA	NA
Dibenzo(a,h)anthr	racene	NA	NA	NA	NA	NA	NA
Dibenzofuran		NA	NA	NA	NA	NA	NA
Diethylphthalate		NA NA	NA	NA	NA	NA	NA
Dimethylphthalate		NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
Di-n-Butylphthalat		NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
Di-n-Octylphthalat Diphenylamine	le	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
Ethyl Methanesulf	ionato	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
Fluoranthene	Unate	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
Fluorene		NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
Hexachlorobenzer	ne	NA NA	NA NA	NA NA	NA NA	NA	NA NA
Hexachlorobutadie		NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
Hexachlorocyclop	entadiene	NA	NA	NA	NA	NA	NA
Hexachloroethane		NA	NA	NA	NA	NA	NA
Hexachlorophene		NA	NA	NA	NA	NA	NA
Hexachloroproper	ne	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)p	yrene	NA	NA	NA	NA	NA	NA
Isodrin		NA	NA	NA	NA	NA	NA
Isophorone		NA	NA	NA	NA	NA	NA
Isosafrole		NA	NA	NA	NA	NA	NA
Methapyrilene	15	NA	NA	NA	NA	NA	NA
Methyl Methanesu	ultonate	NA NA	NA ND(0.0050)	NA NA	NA NA	NA NA	NA
Naphthalene		NA NA	ND(0.0050)	NA NA	NA NA	NA NA	NA NA
Nitrobenzene N-Nitrosodiethylar	mino	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
N-Nitrosodimethyl		NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
N-Nitroso-di-n-but		NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
N-Nitroso-di-n-pro	,	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
N-Nitrosodiphenyl		NA NA	NA NA	NA NA	NA NA	NA	NA NA
N-Nitrosomethylet		NA	NA	NA	NA	NA	NA
N-Nitrosomorpholi	ine	NA	NA	NA	NA	NA	NA
N-Nitrosopiperidin	e	NA	NA	NA	NA	NA	NA
N-Nitrosopyrrolidir		NA	NA	NA	NA	NA	NA
o,o,o-Triethylphos	phorothioate	NA	NA	NA	NA	NA	NA
o-Toluidine		NA	NA	NA	NA	NA	NA
p-Dimethylaminoa		NA	NA	NA	NA	NA	NA
Pentachlorobenze		NA NA	NA	NA	NA	NA	NA
Pentachloroethan		NA NA	NA	NA NA	NA NA	NA	NA NA
Pentachloronitrob		NA NA	NA NA	NA NA	NA NA	NA NA	NA
Pentachloropheno	DI	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
Phenacetin		NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
Phenanthrene		NA	NA	NA	NA	NA	NA

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2004 GROUNDWATER MANAGEMENT AREA 1

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

Site ID:	East St. Area 2 - North					
Sample ID:	ES1-27R	GMA1-4	E2SC-23	E2SC-24	ES2-02A	ESA2S-52
Parameter Date Collected:	04/06/04	04/06/04	04/07/04	05/03/04	04/07/04	04/07/04
Semivolatile Organics (continued)						
Phenol	NA	NA	NA	NA	NA	NA
Pronamide	NA	NA	NA	NA	NA	NA
Pyrene	NA NA	NA	NA	NA	NA	NA
Pyridine	NA NA	NA	NA NA	NA NA	NA NA	NA
Safrole	NA	NA	NA	NA NA	NA NA	NA
Thionazin Furans	NA	NA	NA	NA	NA	NA
	NIA	NIA	NA.	NA	NIA	NIA
2,3,7,8-TCDF TCDFs (total)	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
1.2.3.7.8-PeCDF	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
2,3,4,7,8-PeCDF	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
PeCDFs (total)	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
1,2,3,4,7,8-HxCDF	NA NA	NA NA	NA NA	NA NA	NA NA	NA
1,2,3,6,7,8-HxCDF	NA NA	NA NA	NA NA	NA	NA NA	NA
1,2,3,7,8,9-HxCDF	NA NA	NA NA	NA NA	NA NA	NA NA	NA
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	NA	NA
HxCDFs (total)	NA	NA	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	NA	NA
HpCDFs (total)	NA	NA	NA	NA	NA	NA
OCDF	NA	NA	NA	NA	NA	NA
Dioxins						
2,3,7,8-TCDD	NA	NA	NA	NA	NA	NA
TCDDs (total)	NA	NA	NA	NA	NA	NA
1,2,3,7,8-PeCDD	NA	NA	NA	NA	NA	NA
PeCDDs (total)	NA	NA	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	NA	NA
HxCDDs (total)	NA NA	NA	NA	NA NA	NA NA	NA
1,2,3,4,6,7,8-HpCDD	NA NA	NA NA	NA	NA NA	NA NA	NA
HpCDDs (total) OCDD	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
Total TEQs (WHO TEFs)	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
Inorganics-Unfiltered	INA	INA	INA	INA	INA	INA
Sulfide	NA	NA	NA	NA	NA	NA
Inorganics-Filtered	INA	INA	INA	INA	INA	INA
Antimony	NA	NA	NA	NA	NA	NA
Arsenic	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
Barium	NA NA	NA NA	NA NA	NA NA	NA NA	NA
Beryllium	NA NA	NA NA	NA NA	NA	NA NA	NA
Cadmium	NA	NA	NA	NA	NA	NA
Chromium	NA	NA	NA	NA	NA	NA
Cobalt	NA	NA	NA	NA	NA	NA
Copper	NA	NA	NA	NA	NA	NA
Cyanide	NA	NA	NA	NA	ND(0.0100)	0.0120
Lead	NA	NA	NA	NA	NA	NA
Mercury	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA
Selenium	NA	NA	NA	NA	NA	NA
Silver	NA	NA	NA	NA	NA	NA
Thallium	NA	NA	NA	NA	NA	NA
Tin	NA	NA NA	NA NA	NA NA	NA NA	NA NA
Vanadium	NA NA	NA NA	NA NA	NA NA	NA NA	NA
Zinc	NA	NA	NA	NA	NA	NA

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2004 GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

	Site ID:		ast St. Area 2 - Sout			Lyman Street Area	
	Sample ID:	GMA1-13	HR-G1-MW-3	HR-G3-MW-1	LS-29	LS-MW-4R	LSSC-08S
Parameter	Date Collected:	04/07/04	04/08/04	04/08/04	04/08/04	04/09/04	04/08/04
Volatile Organics							
1,1,1,2-Tetrachloro	ethane	NA	NA	NA	NA	ND(0.0050)	NA
1,1,1-Trichloroethar	ne	NA	NA	NA	NA	ND(0.0050)	NA
1,1,2,2-Tetrachloro		NA	NA	NA	NA	ND(0.0050)	NA
1,1,2-Trichloroethar	ne	NA	NA	NA	NA	ND(0.0050)	NA
1,1-Dichloroethane		NA	NA	NA	NA	ND(0.0050)	NA
1,1-Dichloroethene		NA	NA	NA	NA	ND(0.0010)	NA
1,2,3-Trichloropropa		NA	NA	NA	NA	ND(0.0050)	NA
1,2-Dibromo-3-chlo		NA	NA	NA	NA	ND(0.0050)	NA
1,2-Dibromoethane		NA	NA	NA	NA	ND(0.0010)	NA
1,2-Dichloroethane		NA	NA	NA	NA	ND(0.0050)	NA
1,2-Dichloropropan	е	NA	NA	NA	NA	ND(0.0050)	NA
1,4-Dioxane		NA	NA	NA	NA	ND(0.20) J	NA
2-Butanone		NA	NA	NA	NA	ND(0.010) J	NA
2-Chloro-1,3-butadi		NA NA	NA NA	NA	NA	ND(0.0050)	NA NA
2-Chloroethylvinyle	iner	NA NA	NA NA	NA NA	NA	ND(0.0050)	NA NA
2-Hexanone		NA NA	NA NA	NA NA	NA	ND(0.010) J	NA NA
3-Chloropropene		NA	NA	NA	NA	ND(0.0050)	NA
4-Methyl-2-pentano	ne	NA NA	NA NA	NA NA	NA	ND(0.010)	NA NA
Acetone		NA NA	NA NA	NA NA	NA	ND(0.010) J	NA NA
Acetonitrile		NA NA	NA NA	NA NA	NA	ND(0.10) J	NA NA
Acrolein		NA NA	NA NA	NA NA	NA NA	ND(0.10) J	NA NA
Acrylonitrile		NA NA	NA NA	NA NA	NA	ND(0.0050)	NA NA
Benzene		NA NA	NA NA	NA NA	NA	ND(0.0050)	NA NA
Bromodichlorometh	ane	NA NA	NA NA	NA NA	NA	ND(0.0050)	NA NA
Bromoform Bromomethane		NA NA	NA NA	NA NA	NA NA	ND(0.0050) ND(0.0020)	NA NA
Carbon Disulfide		NA NA	NA NA	NA NA	NA NA	ND(0.0020) ND(0.0050)	NA NA
Carbon Tetrachloric	10	NA NA	NA NA	NA NA	NA NA	ND(0.0050)	NA NA
Chlorobenzene	ie –	NA NA	NA NA	NA NA	NA NA	ND(0.0050)	NA NA
Chloroethane		NA NA	NA NA	NA NA	NA NA	ND(0.0050)	NA NA
Chloroform		NA NA	NA NA	NA NA	NA NA	ND(0.0050)	NA NA
Chloromethane		NA NA	NA NA	NA NA	NA NA	ND(0.0050)	NA NA
cis-1,3-Dichloroprop	nene	NA NA	NA NA	NA NA	NA NA	ND(0.0050)	NA NA
Dibromochlorometh		NA NA	NA NA	NA NA	NA NA	ND(0.0050)	NA NA
Dibromomethane	lario	NA NA	NA NA	NA NA	NA NA	ND(0.0050)	NA NA
Dichlorodifluoromet	hane	NA NA	NA NA	NA NA	NA NA	ND(0.0050) J	NA
Ethyl Methacrylate		NA	NA NA	NA	NA	ND(0.0050)	NA
Ethylbenzene		NA	NA	NA	NA	ND(0.0050)	NA
Iodomethane		NA	NA	NA	NA	ND(0.0050)	NA
Isobutanol		NA	NA	NA	NA	ND(0.10) J	NA
Methacrylonitrile		NA	NA	NA	NA	ND(0.0050)	NA
Methyl Methacrylate	Э	NA	NA	NA	NA	ND(0.0050)	NA
Methylene Chloride		NA	NA	NA	NA	ND(0.0050)	NA
Propionitrile		NA	NA	NA	NA	ND(0.010) J	NA
Styrene		NA	NA	NA	NA	ND(0.0050)	NA
Tetrachloroethene		NA	NA	NA	NA	ND(0.0020)	NA
Toluene		NA	NA	NA	NA	ND(0.0050)	NA
trans-1,2-Dichloroe		NA	NA	NA	NA	ND(0.0050)	NA
trans-1,3-Dichlorop	ropene	NA	NA	NA	NA	ND(0.0050)	NA
trans-1,4-Dichloro-2	2-butene	NA	NA	NA	NA	ND(0.0050)	NA
Trichloroethene		NA	NA	NA	NA	ND(0.0050)	NA
Trichlorofluorometh	ane	NA	NA	NA	NA	ND(0.0050) J	NA
Vinyl Acetate		NA	NA	NA	NA	ND(0.0050)	NA
Vinyl Chloride		NA	NA	NA	NA	ND(0.0020)	NA
Xylenes (total)		NA	NA	NA	NA	ND(0.010)	NA
Total VOCs		NA	NA	NA	NA	ND(0.20)	NA

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2004 GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Site ID:	Ea	st St. Area 2 - Sout	th	Lyman Street Area		
Sample ID:		HR-G1-MW-3	HR-G3-MW-1	LS-29	LS-MW-4R	LSSC-08S
Parameter Date Collected		04/08/04	04/08/04	04/08/04	04/09/04	04/08/04
PCBs-Filtered						
Aroclor-1016	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1221	ND(0.000065)	NA NA	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1232	ND(0.000065)	NA NA	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1242	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1248	ND(0.000065)	NA	ND(0.000065)	ND(0.000065)	ND(0.000065)	ND(0.000065)
Aroclor-1254	ND(0.000065)	NA	0.00016	0.000045 J	ND(0.000065)	0.00041
Aroclor-1260	ND(0.000065)	NA NA	0.000066	ND(0.000065)	ND(0.000065)	ND(0.000065)
Total PCBs	ND(0.000065)	NA	0.000226	0.000045 J	ND(0.000065)	0.00041
Semivolatile Organics	(0.00000)		0.000=0	0.0000.00	(0.00000)	0.00011
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA	ND(0.010) J	NA
1.2.4-Trichlorobenzene	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
1,2-Dichlorobenzene	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
1,2-Dighenylhydrazine	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
1,3,5-Trinitrobenzene	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
1,3-Dichlorobenzene	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
1,3-Dinitrobenzene	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
1.4-Dichlorobenzene	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
1,4-Naphthoquinone	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
1-Naphthylamine	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
2,3,4,6-Tetrachlorophenol	NA NA	NA NA	NA NA	NA NA	ND(0.010) 3	NA NA
2,4,5-Trichlorophenol	NA NA	NA NA	NA NA	NA NA	ND(0.010)	NA NA
	NA NA	NA NA	NA NA	NA NA	ND(0.010)	NA NA
2,4,6-Trichlorophenol 2,4-Dichlorophenol	NA NA	NA NA	NA NA	NA NA	ND(0.010)	NA NA
2,4-Dimethylphenol	NA NA	NA NA	NA NA	NA NA	ND(0.010)	NA NA
, ,		NA NA	NA NA	NA NA		NA NA
2,4-Dinitrophenol	NA NA	NA NA	NA NA	NA NA	ND(0.050)	NA NA
2,4-Dinitrotoluene 2,6-Dichlorophenol	NA NA	NA NA	NA NA	NA NA	ND(0.010) J ND(0.010)	NA NA
2,6-Dinitrotoluene	NA NA	NA NA	NA NA	NA NA	ND(0.010)	NA NA
2-Acetylaminofluorene	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
2-Chloronaphthalene	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
2-Chlorophenol	NA NA	NA NA	NA NA	NA NA	ND(0.010) 3 ND(0.010)	NA NA
	NA NA	NA NA	NA NA	NA NA	ND(0.010)	NA NA
2-Methylnaphthalene						NA NA
2-Methylphenol 2-Naphthylamine	NA NA	NA NA	NA NA	NA NA	ND(0.010) ND(0.010) J	NA NA
2-Nitroaniline	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
2-Nitrophenol	NA NA	NA NA	NA NA	NA NA	ND(0.050) 3 ND(0.010)	NA NA
2-Picoline	NA NA	NA NA	NA NA	NA NA	ND(0.010)	NA NA
3&4-Methylphenol	NA NA	NA NA	NA NA	NA NA	ND(0.010) 3 ND(0.010)	NA NA
3,3'-Dichlorobenzidine	NA NA	NA NA	NA NA	NA NA	ND(0.020) J	NA NA
3,3'-Dimethylbenzidine	NA NA	NA NA	NA NA	NA NA	ND(0.020) J	NA NA
3-Methylcholanthrene	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
3-Nitroaniline	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
4,6-Dinitro-2-methylphenol	NA NA	NA NA	NA NA	NA NA	ND(0.050) 3	NA NA
4-Aminobiphenyl	NA NA	NA NA	NA NA	NA NA	ND(0.030)	NA NA
4-Bromophenyl-phenylether	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
4-Chloro-3-Methylphenol	NA	NA NA	NA NA	NA NA	ND(0.010)	NA NA
4-Chloroaniline	NA NA	NA NA	NA NA	NA NA	ND(0.010)	NA NA
4-Chlorobenzilate	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
4-Chlorophenyl-phenylether	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
4-Nitroaniline	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
4-Nitrophenol	NA NA	NA NA	NA NA	NA NA	ND(0.050) 3	NA NA
4-Nitroquinoline-1-oxide	NA NA	NA NA	NA NA	NA NA	ND(0.030)	NA NA
4-Phenylenediamine	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
5-Nitro-o-toluidine	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
7,12-Dimethylbenz(a)anthracene	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
a,a'-Dimethylphenethylamine	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
, ,						
Acenaphthylone	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
Acenaphthylene		NA NA	NA NA	NA NA	ND(0.010) J	NA NA
Acetophenone	NA	NA	NA	NA	ND(0.010) J	NA

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2004 GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Site ID:	East St. Area 2 - South Lyman Street Area					
Sample ID:	GMA1-13	HR-G1-MW-3	HR-G3-MW-1	LS-29	LS-MW-4R	LSSC-08S
Parameter Date Collected:	04/07/04	04/08/04	04/08/04	04/08/04	04/09/04	04/08/04
Semivolatile Organics (continued)						
Aniline	NA	NA	NA	NA	ND(0.010) J	NA
Anthracene	NA	NA	NA	NA	ND(0.010) J	NA
Aramite	NA	NA	NA	NA	ND(0.010) J	NA
Benzidine	NA	NA	NA	NA	ND(0.020) J	NA
Benzo(a)anthracene	NA	NA	NA	NA	ND(0.010) J	NA
Benzo(a)pyrene	NA	NA	NA	NA	ND(0.010) J	NA
Benzo(b)fluoranthene	NA	NA	NA	NA	ND(0.010) J	NA
Benzo(g,h,i)perylene	NA	NA	NA	NA	ND(0.010) J	NA
Benzo(k)fluoranthene	NA	NA	NA	NA	ND(0.010) J	NA
Benzyl Alcohol	NA	NA	NA	NA	ND(0.020) J	NA
bis(2-Chloroethoxy)methane	NA	NA	NA	NA	ND(0.010) J	NA
bis(2-Chloroethyl)ether	NA	NA	NA	NA	ND(0.010) J	NA
bis(2-Chloroisopropyl)ether	NA	NA	NA	NA	ND(0.010) J	NA
bis(2-Ethylhexyl)phthalate	NA	NA	NA	NA	ND(0.0060) J	NA
Butylbenzylphthalate	NA	NA	NA	NA	ND(0.010) J	NA
Chrysene	NA	NA	NA	NA	ND(0.010) J	NA
Diallate	NA	NA	NA	NA	ND(0.010) J	NA
Dibenzo(a,h)anthracene	NA	NA	NA	NA	ND(0.010) J	NA
Dibenzofuran	NA	NA	NA	NA	ND(0.010) J	NA
Diethylphthalate	NA	NA	NA	NA	ND(0.010) J	NA
Dimethylphthalate	NA	NA	NA	NA	ND(0.010) J	NA
Di-n-Butylphthalate	NA	NA	NA	NA	ND(0.010) J	NA
Di-n-Octylphthalate	NA	NA	NA	NA	ND(0.010) J	NA
Diphenylamine	NA	NA	NA	NA	ND(0.010) J	NA
Ethyl Methanesulfonate	NA	NA	NA	NA	ND(0.010) J	NA
Fluoranthene	NA	NA	NA	NA	ND(0.010) J	NA
Fluorene	NA	NA	NA	NA	ND(0.010) J	NA
Hexachlorobenzene	NA	NA	NA	NA	ND(0.010) J	NA
Hexachlorobutadiene	NA	NA	NA	NA	ND(0.0010)	NA
Hexachlorocyclopentadiene	NA	NA NA	NA	NA	ND(0.010) J	NA
Hexachloroethane	NA	NA	NA	NA	ND(0.010) J	NA
Hexachlorophene	NA NA	NA NA	NA NA	NA	ND(0.020) J	NA NA
Hexachloropropene	NA NA	NA NA	NA NA	NA	ND(0.010) J	NA
Indeno(1,2,3-cd)pyrene	NA NA	NA NA	NA NA	NA	ND(0.010) J	NA NA
Isodrin	NA NA	NA NA	NA NA	NA	ND(0.010) J	NA NA
Isophorone	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
Isosafrole	NA	NA NA	NA NA	NA	ND(0.010) J	NA
Methapyrilene	NA NA	NA NA	NA NA	NA	ND(0.010) J	NA NA
Methyl Methanesulfonate	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
Naphthalene	NA	NA NA	NA NA	NA	ND(0.010) J	NA NA
Nitrobenzene	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
N-Nitrosodiethylamine	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
N-Nitrosodimethylamine	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
N-Nitroso-di-n-butylamine	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
N-Nitroso-di-n-propylamine	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
N-Nitrosodiphenylamine	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
N-Nitrosomethylethylamine N-Nitrosomorpholine	NA NA	NA NA	NA NA	NA NA	ND(0.010) J ND(0.010) J	NA NA
·	NA NA	NA NA		NA NA	` ,	
N-Nitrosopiperidine N-Nitrosopyrrolidine	NA NA	NA NA	NA NA	NA NA	ND(0.010) J ND(0.010) J	NA NA
. ,	NA NA	NA NA	NA NA	NA NA	ND(0.010) J ND(0.010) J	NA NA
o,o,o-Triethylphosphorothioate					\ /	
o-Toluidine	NA NA	NA NA	NA NA	NA NA	ND(0.010) J	NA NA
p-Dimethylaminoazobenzene Pentachlorobenzene	NA NA	NA NA	NA NA	NA NA	ND(0.010) J ND(0.010) J	NA NA
	NA NA	NA NA	NA NA	NA NA		NA NA
Pentachloroethane	NA NA	NA NA	NA NA	NA NA	ND(0.010) J ND(0.010) J	NA NA
Pentachloronitrobenzene						
Pentachlorophenol	NA NA	NA NA	NA NA	NA NA	ND(0.050)	NA NA
Phenacetin	NA NA	NA NA	NA NA	NA	ND(0.010) J	NA NA
Phenanthrene	NA	NA	NA	NA	ND(0.010) J	NA

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2004 GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Committee Comm	Site ID:	Site ID: East St. Area 2 - South Lyman Street Area					
Semivolatio Organics (continued) Perineric NA	Sample ID:	GMA1-13	HR-G1-MW-3	HR-G3-MW-1		LS-MW-4R	
Pienol		04/07/04	04/00/04	04/00/04	04/00/04	04/03/04	0-7/00/0-7
Prosmide		NΔ	NΔ	NΔ	NΔ	ND(0.010)	NΔ
Pyrene							
Syndine							
Safrole							
Thionagin	Safrole						
	Thionazin	NA				` ,	NA
TCDFs (total)	Furans		•		!	· / /	
12.37.8-PeCDF	2,3,7,8-TCDF	NA	NA	NA	NA	ND(0.0000000024)	NA
13.4.7,8-PeCDF	TCDFs (total)	NA	NA	NA	NA	ND(0.000000010)	NA
PecDFs (total) NA	1,2,3,7,8-PeCDF	NA	NA	NA	NA	ND(0.00000011)	NA
12.3.4.7.8-HxCDF	2,3,4,7,8-PeCDF					ND(0.0000000072)	
12.3.6.7.8-HxCDF	PeCDFs (total)	NA	NA	NA	NA	ND(0.00000018)	NA
12.3.7.8-HxCDF	1,2,3,4,7,8-HxCDF					,	
HxCDFs (total)							
1.2.3.4.6.7.8-HpCDF						, ,	
1,2,3,4,7,8,9-HpCDF NA						,	
DCDF						,	
						(
NA		INA	INA	INA	INA	ND(0.0000000092)	INA
ICDDs (total)		NIA	NιΛ	NA	NIA.	ND(0.0000000033)	NIA
IL2.3.7.8-PeCDD							
PecDis (total)						(
1.2,3,4,7,8-HxCDD							
1.2.3.6,7,8-HxCDD	` '						
I.2.3.7.8,9-HxCDD						<u> </u>	
	1,2,3,7,8,9-HxCDD						
NA	HxCDDs (total)	NA	NA	NA	NA	ND(0.00000016)	NA
NA	1,2,3,4,6,7,8-HpCDD	NA	NA	NA	NA	ND(0.0000000065)	NA
Total TEQs (WHO TEFs) NA	HpCDDs (total)	NA	NA	NA	NA	ND(0.0000000065)	NA
NA	OCDD	NA	NA	NA		ND(0.00000015)	NA
NA		NA	NA	NA	NA	0.00000012	NA
NA							
Antimony NA NA NA NA NA ND(0.0600) NA NA NA NA NA NA NA ND(0.0600) NA	Sulfide	NA	NA	NA	NA	ND(5.00)	NA
Arsenic NA	t						
Barium NA NA NA NA 0.0480 B NA Beryllium NA NA NA NA 0.000650 B NA Cadmium NA NA NA NA NA ND(0.00500) NA Chromium NA NA NA NA NA ND(0.0100) NA Chromium NA NA NA NA NA ND(0.0100) NA Chromium NA NA NA NA NA ND(0.0100) NA Cobalt NA NA NA NA NA ND(0.0500) NA Copper NA NA NA NA NA NA ND(0.0500) NA Cyanide NA N	,						
Beryllium NA NA NA NA 0.000650 B NA Cadmium NA NA NA NA NA ND(0.00500) NA Chromium NA NA NA NA NA ND(0.0100) NA Cobalt NA NA NA NA NA ND(0.0500) NA Copper NA NA NA NA NA ND(0.0500) NA Cyanide NA NA NA NA NA ND(0.0250) NA Lead NA NA NA NA NA ND(0.0100) NA Mercury NA NA NA NA NA NA ND(0.00300) NA Mickel NA NA<							
Cadmium NA NA NA NA NA ND(0.00500) NA Chromium NA NA NA NA NA ND(0.0100) NA Cobalt NA NA NA NA NA ND(0.0500) NA Copper NA NA NA NA NA ND(0.0250) NA Cyanide NA NA NA NA NA ND(0.0100) NA Lead NA NA NA NA NA ND(0.0300) NA Mercury NA NA NA NA NA ND(0.00300) NA Nickel NA NA NA NA NA ND(0.00200) NA Selenium NA NA NA NA NA ND(0.00500) NA Silver NA NA NA NA NA ND(0.00500) NA Fin NA NA NA NA NA							
Chromium NA NA NA NA NA ND(0.0100) NA Cobalt NA NA NA NA NA ND(0.0500) NA Copper NA NA NA NA NA ND(0.0250) NA Cyanide NA NA NA NA NA ND(0.0100) NA Lead NA NA NA NA NA ND(0.00300) NA Mercury NA NA NA NA NA ND(0.00300) NA Mickel NA NA NA NA NA ND(0.00200) NA Selenium NA NA NA NA NA ND(0.00500) NA Silver NA NA NA NA NA ND(0.00500) NA Thallium NA NA NA NA NA ND(0.0300) NA Vanadium NA NA NA NA	-						
Cobalt NA NA NA NA NA NA ND(0.0500) NA Copper NA NA NA NA NA ND(0.0250) NA Cyanide NA NA NA NA NA ND(0.0100) NA Lead NA NA NA NA NA ND(0.00300) NA Mercury NA NA NA NA NA ND(0.00200) NA Nickel NA NA NA NA NA ND(0.0400) NA Selenium NA NA NA NA ND(0.00500) NA Silver NA NA NA NA NA ND(0.00500) NA Fin NA NA NA NA NA NA ND(0.0100) NA Vanadium NA NA NA NA NA NA NA NA							
Copper NA NA NA NA NA ND(0.0250) NA Cyanide NA 0.0110 NA NA NA ND(0.0100) NA Lead NA NA NA NA NA ND(0.00300) NA Mercury NA NA NA NA NA ND(0.00200) NA Nickel NA NA NA NA NA ND(0.0400) NA Selenium NA NA NA NA ND(0.00500) NA Silver NA NA NA NA ND(0.00500) NA Thallium NA NA NA NA NA ND(0.0100) NA Vanadium NA NA NA NA NA NA NA						` '	
Cyanide NA 0.0110 NA NA ND(0.0100) NA Lead NA NA NA NA ND(0.00300) NA Mercury NA NA NA NA ND(0.000200) NA Nickel NA NA NA NA NA ND(0.0400) NA Selenium NA NA NA NA NA ND(0.00500) NA Silver NA NA NA NA ND(0.00500) NA Thallium NA NA NA NA ND(0.0100) NA Fin NA NA NA NA NA ND(0.0300) NA Vanadium NA NA NA NA NA NA NA	l l					, ,	
Léad NA NA NA NA NA ND(0.00300) NA Mercury NA NA NA NA ND(0.000200) NA Nickel NA NA NA NA NA ND(0.0400) NA Selenium NA NA NA NA ND(0.00500) NA Silver NA NA NA NA ND(0.00500) NA Thallium NA NA NA NA ND(0.0100) NA Fin NA NA NA NA ND(0.0300) NA Vanadium NA NA NA NA NA NA	Cyanide						
Mercury NA NA NA NA ND(0.000200) NA Nickel NA NA NA NA NA ND(0.0400) NA Selenium NA NA NA NA ND(0.00500) NA Silver NA NA NA NA ND(0.00500) NA Thallium NA NA NA NA NA ND(0.0100) NA Fin NA NA NA NA NA ND(0.0300) NA /anadium NA NA NA NA NA NA	Lead						
Nickel NA NA <th< td=""><td>Mercury</td><td></td><td></td><td></td><td></td><td>,</td><td></td></th<>	Mercury					,	
Selenium NA NA NA NA ND(0.00500) NA Silver NA NA NA NA ND(0.00500) NA Fhallium NA NA NA NA ND(0.0100) NA Fin NA NA NA NA ND(0.0300) NA /anadium NA NA NA NA NA NA	Nickel						
Fhallium NA NA NA NA ND(0.0100) NA Fin NA NA NA NA NA ND(0.0300) NA /anadium NA NA NA NA NA 0.00190 B NA	Selenium						
Fin NA NA NA NA ND(0.0300) NA /anadium NA NA NA NA 0.00190 B NA	Silver	NA	NA	NA	NA	ND(0.00500)	NA
/anadium NA NA NA 0.00190 B NA	Thallium						
	Tin						
Zinc NA NA NA 0.160 NA	Vanadium						
	Zinc	NA	NA	NA	NA	0.160	NA

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2004 GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

ENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSET (Results are presented in parts per million, ppm)

Site ID:	Lyman Street Are	ea	Newell S	t. Area II
Sample ID:	LSSC-16S	LSSC-18	N2SC-07S	NS-17
Parameter Date Collected:	04/09/04	04/08/04	04/12/04	04/12/04
Volatile Organics				
1,1,1,2-Tetrachloroethane	ND(0.0050) [ND(0.0050)]	NA	ND(0.050)	ND(0.10)
1,1,1-Trichloroethane	ND(0.0050) [ND(0.0050)]	NA	ND(0.050)	ND(0.10)
1,1,2,2-Tetrachloroethane	ND(0.0050) [ND(0.0050)]	NA	ND(0.050)	ND(0.10)
1,1,2-Trichloroethane	ND(0.0050) [ND(0.0050)]	NA	ND(0.050)	ND(0.10)
1,1-Dichloroethane	ND(0.0050) [ND(0.0050)]	NA	ND(0.050)	ND(0.10)
1,1-Dichloroethene	ND(0.0010) [ND(0.0010)]	NA	ND(0.050)	ND(0.10)
1,2,3-Trichloropropane	ND(0.0050) [ND(0.0050)]	NA	ND(0.050)	ND(0.10)
1,2-Dibromo-3-chloropropane	ND(0.0050) [ND(0.0050)]	NA	ND(0.050)	ND(0.10)
1,2-Dibromoethane	ND(0.0010) [ND(0.0010)]	NA	ND(0.050)	ND(0.10)
1,2-Dichloroethane	ND(0.0050) [ND(0.0050)]	NA	ND(0.050)	ND(0.10)
1,2-Dichloropropane	ND(0.0050) [ND(0.0050)]	NA	ND(0.050)	ND(0.10)
1,4-Dioxane	ND(0.20) J [ND(0.20) J]	NA	ND(1.0) J	ND(2.0) J
2-Butanone	ND(0.010) J [ND(0.010) J]	NA	ND(0.050) J	ND(0.10) J
2-Chloro-1,3-butadiene	ND(0.0050) [ND(0.0050)]	NA	ND(0.050)	ND(0.10)
2-Chloroethylvinylether	ND(0.0050) [ND(0.0050)]	NA	ND(0.050)	ND(0.10)
2-Hexanone	ND(0.010) J [ND(0.010) J]	NA	ND(0.050) J	ND(0.10) J
3-Chloropropene	ND(0.0050) [ND(0.0050)]	NA	ND(0.050)	ND(0.10)
4-Methyl-2-pentanone	ND(0.010) [ND(0.010)]	NA	ND(0.050)	ND(0.10)
Acetone	ND(0.010) J [ND(0.010) J]	NA	ND(0.050) J	ND(0.10) J
Acetonitrile	ND(0.10) J [ND(0.10) J]	NA	ND(0.50) J	ND(1.0) J
Acrolein	ND(0.10) J [ND(0.10) J]	NA	ND(0.50) J	ND(1.0) J
Acrylonitrile	ND(0.0050) [ND(0.0050)]	NA	ND(0.050)	ND(0.10)
Benzene	ND(0.0050) [ND(0.0050)]	NA	ND(0.050)	ND(0.10)
Bromodichloromethane	ND(0.0050) [ND(0.0050)]	NA	ND(0.050)	ND(0.10)
Bromoform	ND(0.0050) [ND(0.0050)]	NA	ND(0.050)	ND(0.10)
Bromomethane	ND(0.0020) [ND(0.0020)]	NA	ND(0.050)	ND(0.10)
Carbon Disulfide	ND(0.0050) [ND(0.0050)]	NA NA	ND(0.050)	ND(0.10)
Carbon Tetrachloride	ND(0.0050) [ND(0.0050)]	NA NA	ND(0.050)	ND(0.10)
Chlorobenzene	ND(0.0050) [ND(0.0050)]	NA NA	0.14	0.075 J
Chloroethane	ND(0.0050) [ND(0.0050)]	NA NA	ND(0.050)	ND(0.10)
Chloroform	ND(0.0050) [ND(0.0050)]	NA NA	ND(0.050)	ND(0.10)
Chloromethane	ND(0.0050) [ND(0.0050)]	NA NA	ND(0.050)	ND(0.10)
cis-1,3-Dichloropropene	ND(0.0050) [ND(0.0050)]	NA NA	ND(0.050)	ND(0.10)
Dibromochloromethane	ND(0.0050) [ND(0.0050)] ND(0.0050) [ND(0.0050)]	NA NA	ND(0.050) ND(0.050)	ND(0.10)
Dibromomethane Diablaradifluoremethana		NA NA	\ /	ND(0.10)
Dichlorodifluoromethane Ethyl Methacrylate	ND(0.0050) J [ND(0.0050) J] ND(0.0050) [ND(0.0050)]	NA NA	ND(0.050) J ND(0.050)	ND(0.10) J ND(0.10)
Ethylbenzene	ND(0.0050) [ND(0.0050)] ND(0.0050) [ND(0.0050)]	NA NA	ND(0.050)	
Iodomethane	ND(0.0050) [ND(0.0050)]	NA NA	ND(0.050)	ND(0.10) ND(0.10)
Isobutanol	ND(0.0030) [ND(0.0030)] ND(0.10) J [ND(0.10) J]	NA NA	ND(0.050)	ND(0.10)
Methacrylonitrile	ND(0.0050) [ND(0.0050)]	NA NA	ND(1.0) 3 ND(0.050)	ND(0.10)
Methyl Methacrylate	ND(0.0050) [ND(0.0050)]	NA NA	ND(0.050)	ND(0.10)
				11= (2 12)
Methylene Chloride Propionitrile	ND(0.0050) [ND(0.0050)] ND(0.010) J [ND(0.010) J]	NA NA	ND(0.050) ND(0.10) J	ND(0.10) ND(0.20) J
Styrene	ND(0.010) 3 [ND(0.010) 3] ND(0.0050) [ND(0.0050)]	NA NA	ND(0.10) 3 ND(0.050)	ND(0.20) 3 ND(0.10)
Tetrachloroethene	ND(0.0030) [ND(0.0030)]	NA NA	ND(0.050)	ND(0.10)
Toluene	ND(0.0020) [ND(0.0020)]	NA NA	ND(0.050)	ND(0.10)
trans-1,2-Dichloroethene	ND(0.0050) [ND(0.0050)]	NA NA	ND(0.050)	ND(0.10)
trans-1,3-Dichloropropene	ND(0.0050) [ND(0.0050)]	NA NA	ND(0.050)	ND(0.10)
trans-1,4-Dichloro-2-butene	ND(0.0050) [ND(0.0050)]	NA NA	ND(0.050)	ND(0.10)
Trichloroethene	ND(0.0050) [ND(0.0050)]	NA NA	ND(0.050)	ND(0.10)
Trichlorofluoromethane	ND(0.0050) J [ND(0.0050)]	NA NA	ND(0.050)	ND(0.10) J
Vinyl Acetate	ND(0.0050) [ND(0.0050)]	NA NA	ND(0.050)	ND(0.10) 3
Vinyl Chloride	ND(0.0030) [ND(0.0030)]	NA NA	0.89	0.68
Xylenes (total)	ND(0.0020) [ND(0.0020)]	NA NA	ND(0.050)	ND(0.10)
Total VOCs	ND(0.010) [ND(0.010)]	NA NA	1.03	0.76 J
10141 1000	140(0.20) [140(0.20)]	I N/A	1.00	0.700

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2004 GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Site ID:	Lyman Street A	Newell St.	. Area II	
Sample ID:	LSSC-16S	LSSC-18	N2SC-07S	NS-17
Parameter Date Collected: PCBs-Filtered	04/09/04	04/08/04	04/12/04	04/12/04
Aroclor-1016	NA	ND(0.00050)	ND(0.000065)	NA
			ND(0.000065)	
Aroclor-1221 Aroclor-1232	NA NA	ND(0.00050) ND(0.00050)	ND(0.000065)	NA NA
Aroclor-1232 Aroclor-1242	NA NA	ND(0.00050)	ND(0.000065)	NA NA
Aroclor-1242 Aroclor-1248	NA NA	ND(0.00050)	ND(0.000065)	NA NA
Aroclor-1246 Aroclor-1254	NA NA	ND(0.00050)	0.000041 J	NA NA
Aroclor-1260	NA NA	ND(0.00050)	ND(0.00065)	NA NA
Total PCBs	NA NA	ND(0.00050)	0.000041 J	NA NA
Semivolatile Organics	INA	ND(0.00030)	0.0000413	INA
1,2,4,5-Tetrachlorobenzene	NA	NA	NA	NA
1.2.4-Trichlorobenzene	ND(0.0050) [ND(0.0050)]	NA NA	NA NA	NA NA
1,2-Dichlorobenzene	ND(0.0050) [ND(0.0050)]	NA NA	NA NA	NA NA
1,2-Dichloroberizerie	NA	NA NA	NA NA	NA NA
1,3,5-Trinitrobenzene	NA NA	NA NA	NA NA	NA NA
1,3-Dichlorobenzene	ND(0.0050) [ND(0.0050)]	NA NA	NA NA	NA NA
1,3-Dichlorobenzene	NA	NA NA	NA NA	NA NA
I.4-Dichlorobenzene	ND(0.0050) [ND(0.0050)]	NA NA	NA NA	NA NA
,		NA NA	NA NA	NA NA
1,4-Naphthylamina	NA NA			
1-Naphthylamine	NA NA	NA NA	NA NA	NA NA
2,3,4,6-Tetrachlorophenol	NA NA	NA NA	NA NA	NA NA
2,4,5-Trichlorophenol	NA NA			
2,4,6-Trichlorophenol	NA NA	NA	NA	NA NA
2,4-Dichlorophenol	NA	NA	NA	NA
2,4-Dimethylphenol	NA	NA	NA	NA
2,4-Dinitrophenol	NA	NA	NA	NA
2,4-Dinitrotoluene	NA	NA	NA	NA
2,6-Dichlorophenol	NA	NA	NA	NA
2,6-Dinitrotoluene	NA	NA	NA	NA
2-Acetylaminofluorene	NA	NA	NA	NA
2-Chloronaphthalene	NA	NA	NA	NA
2-Chlorophenol	NA	NA	NA	NA
2-Methylnaphthalene	NA	NA	NA	NA
2-Methylphenol	NA	NA	NA	NA
2-Naphthylamine	NA	NA	NA	NA
2-Nitroaniline	NA	NA	NA	NA
2-Nitrophenol	NA	NA	NA	NA
2-Picoline	NA	NA	NA	NA
3&4-Methylphenol	NA	NA	NA	NA
3,3'-Dichlorobenzidine	NA	NA	NA	NA
3,3'-Dimethylbenzidine	NA	NA	NA	NA
3-Methylcholanthrene	NA	NA	NA	NA
3-Nitroaniline	NA	NA	NA	NA
1,6-Dinitro-2-methylphenol	NA	NA	NA	NA
1-Aminobiphenyl	NA	NA	NA	NA
1-Bromophenyl-phenylether	NA	NA	NA	NA
1-Chloro-3-Methylphenol	NA	NA	NA	NA
1-Chloroaniline	NA	NA	NA	NA
1-Chlorobenzilate	NA	NA	NA	NA
1-Chlorophenyl-phenylether	NA	NA	NA	NA
I-Nitroaniline	NA	NA	NA	NA
I-Nitrophenol	NA	NA	NA	NA
1-Nitroquinoline-1-oxide	NA	NA	NA	NA
1-Phenylenediamine	NA	NA	NA	NA
5-Nitro-o-toluidine	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene	NA	NA	NA	NA
a,a'-Dimethylphenethylamine	NA	NA	NA	NA
Acenaphthene	NA NA	NA NA	NA NA	NA
Acenaphthylene	NA NA	NA NA	NA NA	NA NA
		. 1/ 1		

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2004 GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Site ID:	Lyman Street Are	Newell St. Area II		
Sample ID:	LSSC-16S	LSSC-18	N2SC-07S	NS-17
Parameter Date Collected:	04/09/04	04/08/04	04/12/04	04/12/04
Semivolatile Organics (continued)				
Aniline	NA NA	NA NA	NA NA	NA NA
Anthracene	NA NA	NA NA	NA NA	NA NA
Aramite	NA NA	NA NA	NA NA	NA NA
Benzidine Benzo(a)anthracene	NA NA	NA NA	NA NA	NA NA
Benzo(a)pyrene	NA NA	NA NA	NA NA	NA NA
Benzo(b)fluoranthene	NA NA	NA NA	NA NA	NA NA
Benzo(g,h,i)perylene	NA NA	NA NA	NA NA	NA NA
Benzo(k)fluoranthene	NA NA	NA NA	NA NA	NA NA
Benzyl Alcohol	NA	NA NA	NA NA	NA NA
ois(2-Chloroethoxy)methane	NA	NA NA	NA	NA
pis(2-Chloroethyl)ether	NA	NA	NA	NA
ois(2-Chloroisopropyl)ether	NA	NA	NA	NA
ois(2-Ethylhexyl)phthalate	NA	NA	NA	NA
Butylbenzylphthalate	NA	NA	NA	NA
Chrysene	NA	NA	NA	NA
Diallate	NA	NA	NA	NA
Dibenzo(a,h)anthracene	NA	NA	NA	NA
Dibenzofuran	NA	NA	NA	NA
Diethylphthalate	NA	NA	NA	NA
Dimethylphthalate	NA	NA	NA	NA
Di-n-Butylphthalate	NA	NA	NA	NA
Di-n-Octylphthalate	NA	NA	NA	NA
Diphenylamine	NA	NA	NA	NA
Ethyl Methanesulfonate	NA	NA	NA	NA
Fluoranthene	NA	NA	NA	NA
luorene	NA	NA	NA	NA
lexachlorobenzene	NA NA	NA	NA	NA
lexachlorobutadiene	NA NA	NA NA	NA NA	NA NA
Hexachlorocyclopentadiene	NA NA	NA NA	NA NA	NA NA
Hexachloroethane	NA NA	NA NA	NA NA	NA NA
Hexachlorophene	NA NA	NA NA	NA NA	NA NA
Hexachloropropene	NA NA	NA NA	NA NA	NA NA
ndeno(1,2,3-cd)pyrene sodrin	NA NA	NA NA	NA NA	NA NA
sophorone	NA NA	NA NA	NA NA	NA NA
sosafrole	NA NA	NA NA	NA NA	NA NA
Methapyrilene	NA NA	NA NA	NA NA	NA NA
Methyl Methanesulfonate	NA NA	NA NA	NA NA	NA NA
Naphthalene	ND(0.0050) [ND(0.0050)]	NA NA	NA NA	NA NA
Vitrobenzene	NA	NA NA	NA NA	NA NA
N-Nitrosodiethylamine	NA	NA NA	NA NA	NA NA
N-Nitrosodimethylamine	NA	NA NA	NA	NA
I-Nitroso-di-n-butylamine	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	NA	NA	NA	NA
I-Nitrosodiphenylamine	NA	NA	NA	NA
I-Nitrosomethylethylamine	NA	NA	NA	NA
I-Nitrosomorpholine	NA	NA	NA	NA
I-Nitrosopiperidine	NA	NA	NA	NA
I-Nitrosopyrrolidine	NA	NA	NA	NA
,o,o-Triethylphosphorothioate	NA	NA	NA	NA
-Toluidine	NA	NA	NA	NA
-Dimethylaminoazobenzene	NA	NA	NA	NA
Pentachlorobenzene	NA	NA	NA	NA
Pentachloroethane	NA	NA	NA	NA
Pentachloronitrobenzene	NA	NA	NA	NA
Pentachlorophenol	NA	NA	NA	NA
Phenacetin	NA	NA	NA	NA
Phenanthrene Gemivolatile Organics (continued)	NA	NA	NA	NA

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2004 GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Site ID:	Lyman Street Area		Newell St. Area II		
Sample ID:	LSSC-16S	LSSC-18	N2SC-07S	NS-17	
Parameter Date Collected:	04/09/04	04/08/04	04/12/04	04/12/04	
Phenol	NA	NA	NA	NA	
Pronamide	NA	NA	NA	NA	
Pyrene	NA	NA	NA	NA	
Pyridine	NA	NA	NA	NA	
Safrole	NA	NA	NA	NA	
Thionazin	NA	NA	NA	NA	
Furans					
2,3,7,8-TCDF	NA	NA	NA	NA	
TCDFs (total)	NA	NA	NA	NA	
1,2,3,7,8-PeCDF	NA	NA	NA	NA	
2,3,4,7,8-PeCDF	NA	NA	NA	NA	
PeCDFs (total)	NA	NA	NA	NA	
1,2,3,4,7,8-HxCDF	NA	NA	NA	NA	
1,2,3,6,7,8-HxCDF	NA	NA	NA	NA	
1,2,3,7,8,9-HxCDF	NA	NA	NA	NA	
2,3,4,6,7,8-HxCDF	NA	NA	NA	NA	
HxCDFs (total)	NA	NA	NA	NA	
1,2,3,4,6,7,8-HpCDF	NA	NA	NA	NA	
1,2,3,4,7,8,9-HpCDF	NA	NA	NA	NA	
HpCDFs (total)	NA	NA	NA	NA	
OCDF	NA	NA	NA	NA	
Dioxins					
2,3,7,8-TCDD	NA	NA	NA	NA	
TCDDs (total)	NA	NA	NA	NA	
1,2,3,7,8-PeCDD	NA	NA	NA	NA	
PeCDDs (total)	NA	NA	NA	NA	
1,2,3,4,7,8-HxCDD	NA	NA	NA	NA	
1,2,3,6,7,8-HxCDD	NA	NA	NA	NA	
1,2,3,7,8,9-HxCDD	NA	NA	NA	NA	
HxCDDs (total)	NA	NA	NA	NA	
1,2,3,4,6,7,8-HpCDD	NA NA	NA	NA	NA	
HpCDDs (total)	NA	NA	NA	NA	
OCDD	NA NA	NA NA	NA	NA NA	
Total TEQs (WHO TEFs)	NA	NA	NA	NA	
Inorganics-Unfiltered	NIA.	1 110	1 110		
Sulfide	NA	NA	NA	NA	
Inorganics-Filtered					
Antimony	NA NA	NA	NA	NA	
Arsenic	NA	NA	NA	NA	
Barium	NA NA	NA NA	NA NA	NA NA	
Beryllium	NA NA	NA NA	NA NA	NA NA	
Cadmium	NA NA	NA NA	NA NA	NA NA	
Chromium	NA NA	NA NA	NA NA	NA NA	
Cobalt	NA NA	NA NA	NA NA	NA NA	
Copper	NA NA	NA NA	NA NA	NA NA	
Cyanide	NA NA	NA NA	NA NA	NA NA	
Lead	NA NA	NA NA	NA NA	NA NA	
Mercury Nickel	NA NA	NA NA	NA NA	NA NA	
	NA NA	NA NA	NA NA	NA NA	
Selenium	NA NA	NA NA	NA NA	NA NA	
Silver Thallium	NA NA	NA NA	NA NA	NA NA	
Tin	NA NA	NA NA	NA NA	NA NA	
Vanadium	NA NA	NA NA	NA NA	NA NA	
Zinc	NA NA	NA NA	NA NA	NA NA	
LIIIC	INA	INA	INA	I INA	

GROUNDWATER QUALITY INTERIM REPORT FOR SPRING 2004 GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS (Results are presented in parts per million, ppm)

Notes:

- 1. Samples were collected by Blasland Bouck & Lee, Inc., and submitted to SGS Environmental Services, Inc. for analysis of PCBs and Appendix IX+3 constituents.
- 2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved May 25, 2004 and resubmitted June 15, 2004).
- 3. NA Not Analyzed.
- 4. ND Analyte was not detected. The number in parentheses is the associated detection limit.
- 5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. In Environmental Health Perspectives 106(2), December 1998.
- 6. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles, dioxin/furans)

J - Indicates that the associated numerical value is an estimated concentration.

Inorganics

B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).

Appendix C

Historical Groundwater Data



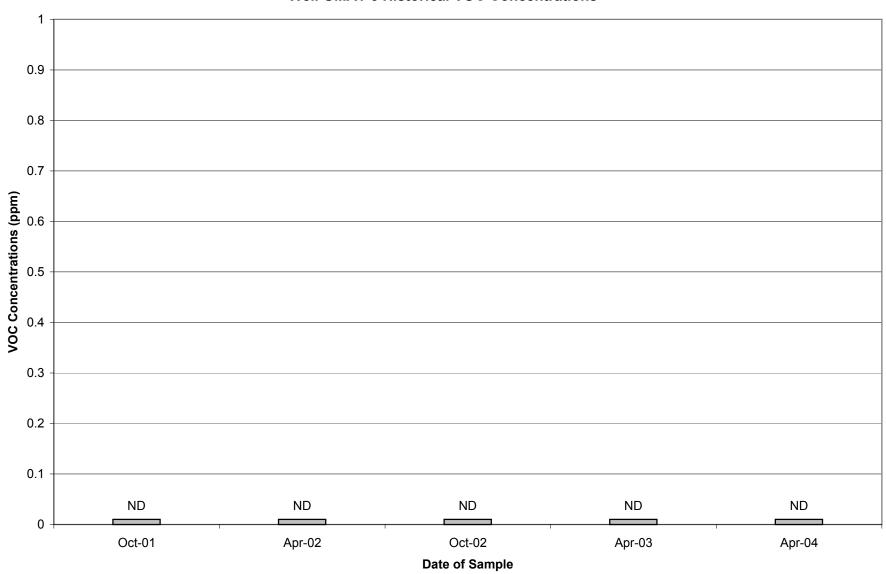
Historical Groundwater Data

Total VOC Concentrations – Wells Sampled in Spring 2004



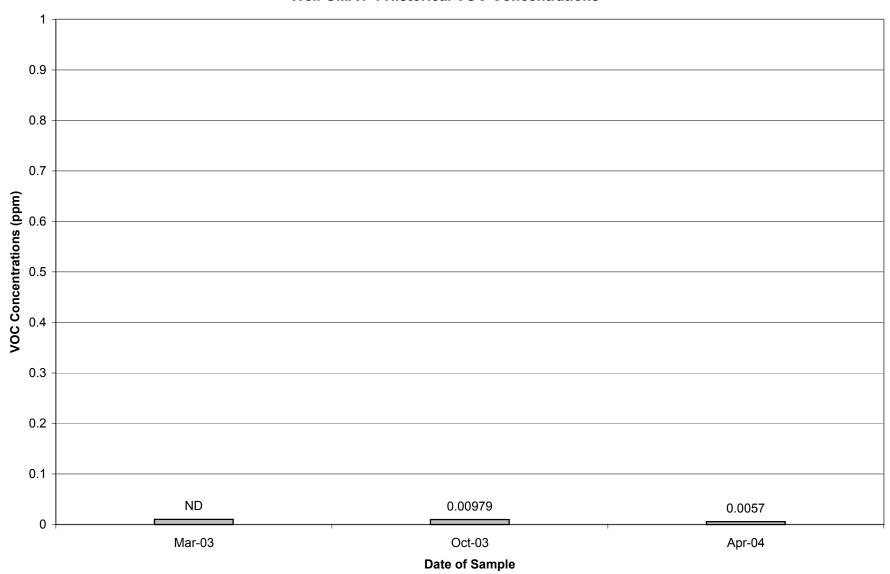
Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

Well GMA1-6 Historical VOC Concentrations



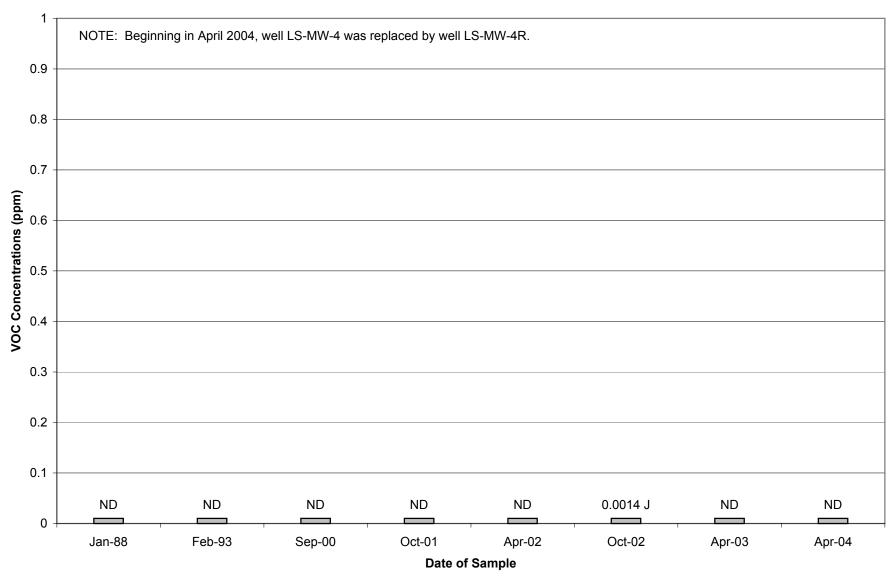
Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

Well GMA1-4 Historical VOC Concentrations



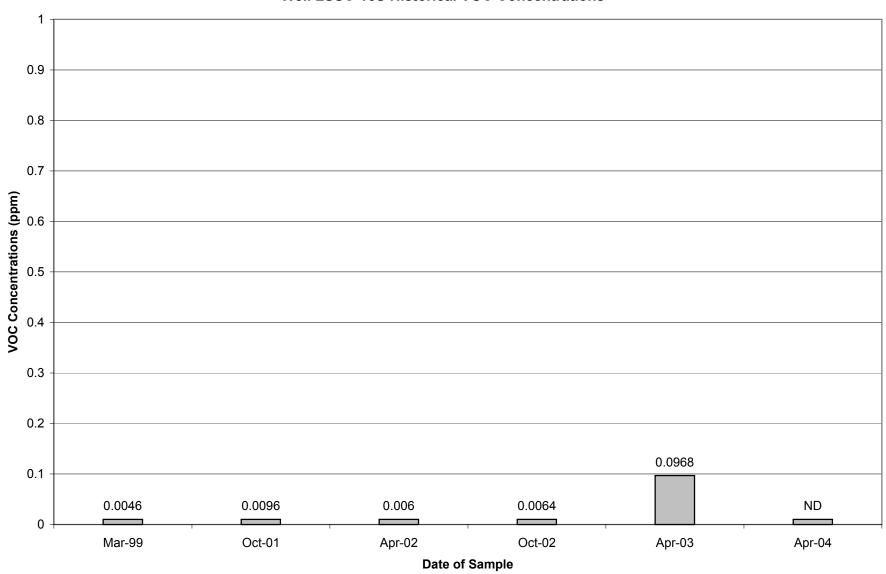
Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

Well LS-MW-4 & LS-MW-4R Historical VOC Concentrations



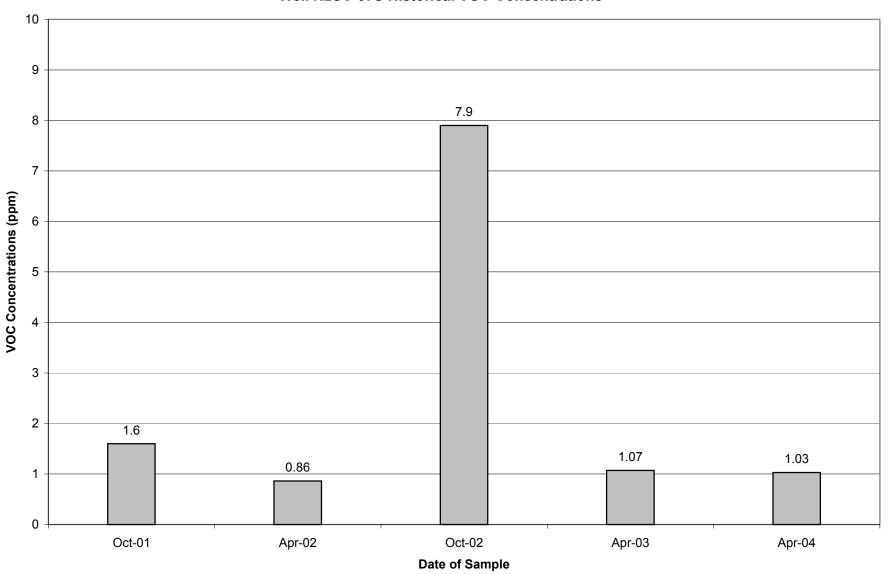
Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

Well LSSC-16S Historical VOC Concentrations



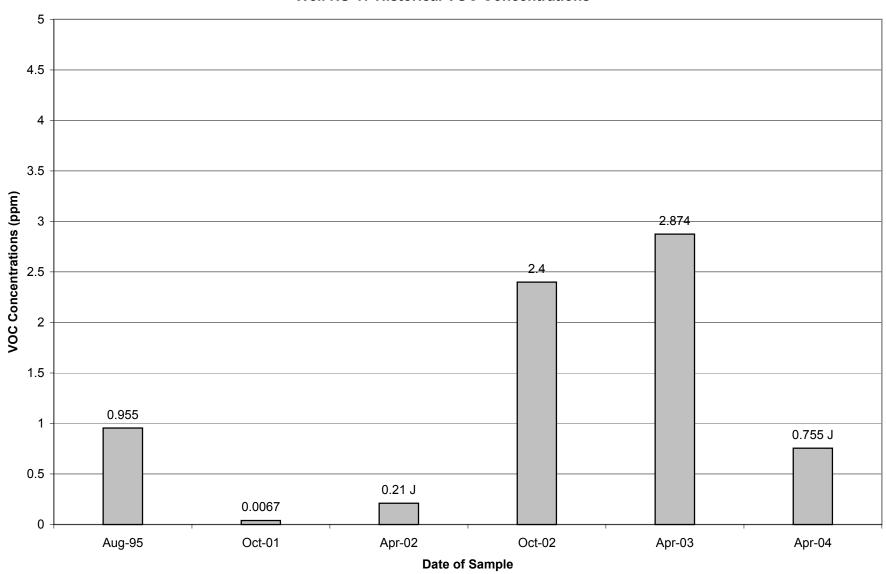
Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

Well N2SC-07S Historical VOC Concentrations



Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

Well NS-17 Historical VOC Concentrations



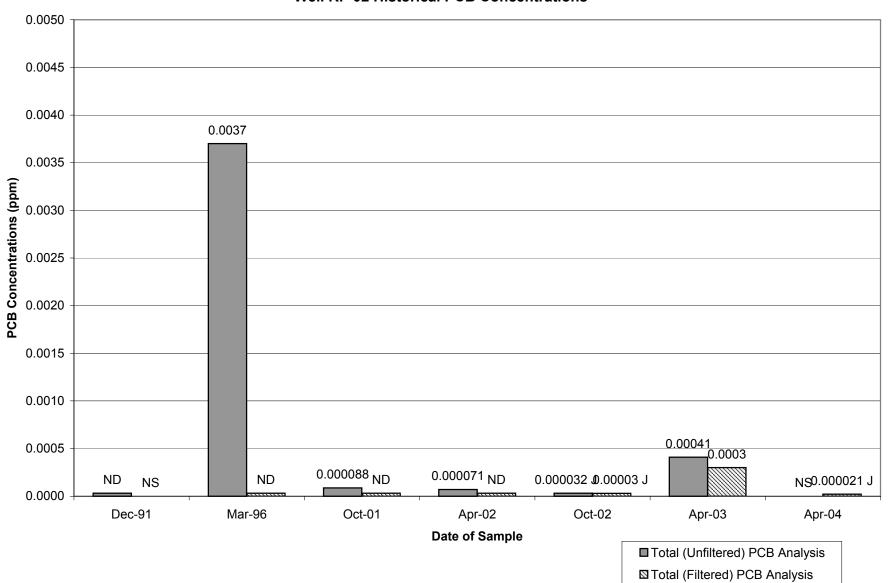
Historical Groundwater Data

Total PCB Concentrations – Wells Sampled in Spring 2004



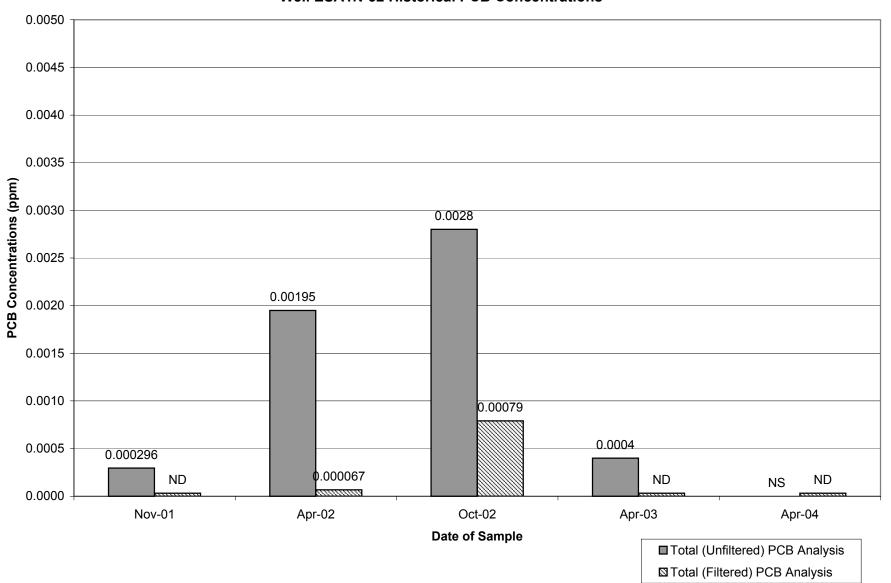
Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

Well RF-02 Historical PCB Concentrations



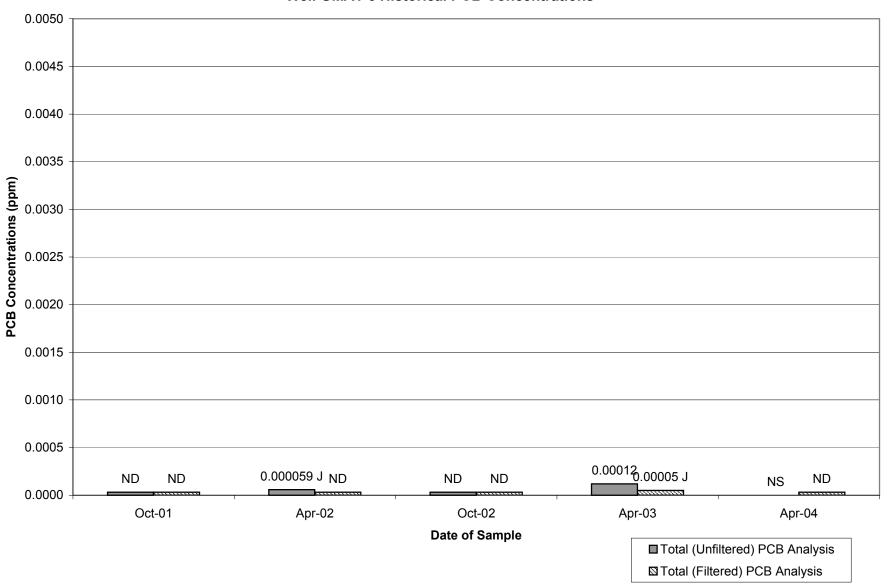
Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

Well ESA1N-52 Historical PCB Concentrations



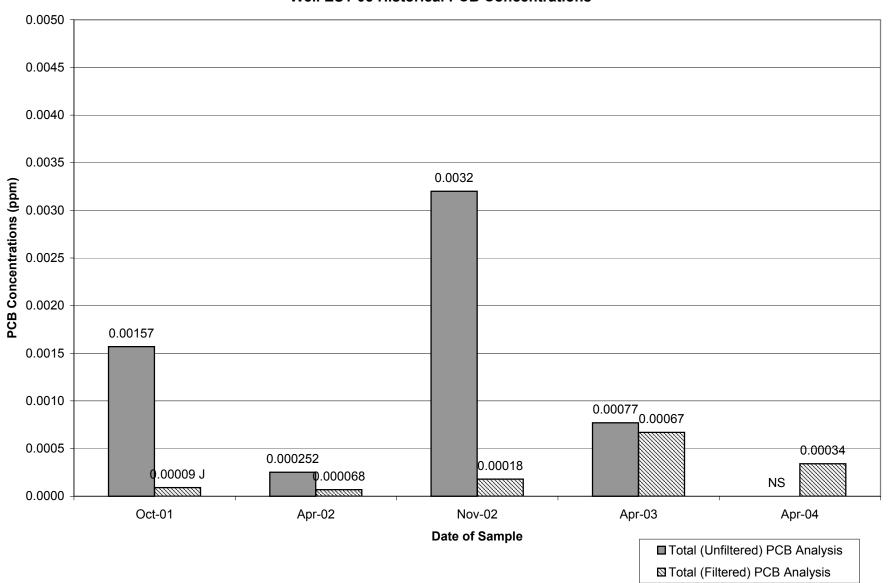
Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

Well GMA1-6 Historical PCB Concentrations



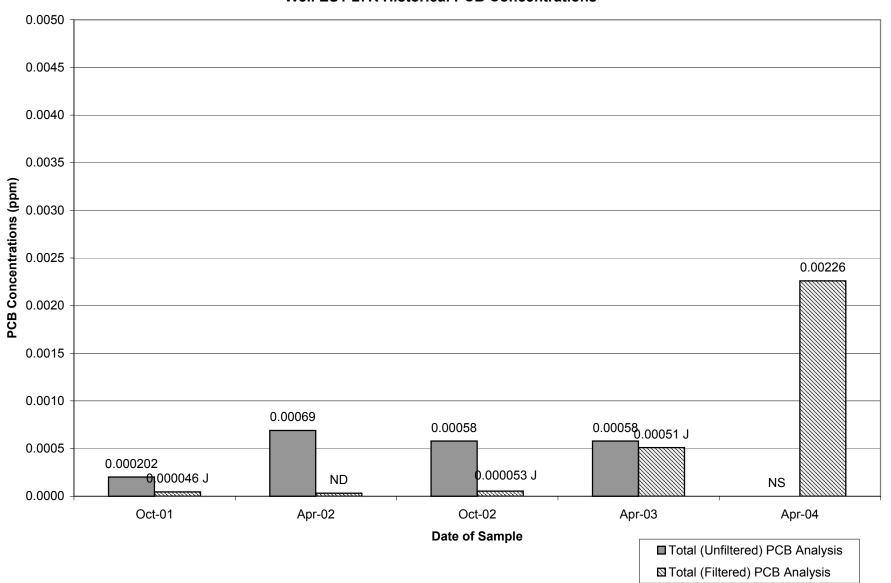
Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

Well ES1-05 Historical PCB Concentrations



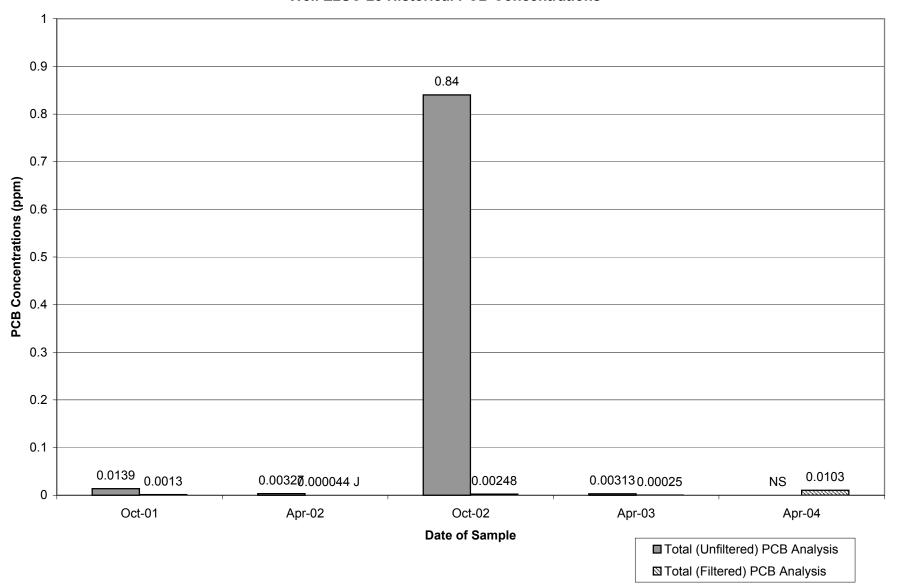
Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

Well ES1-27R Historical PCB Concentrations



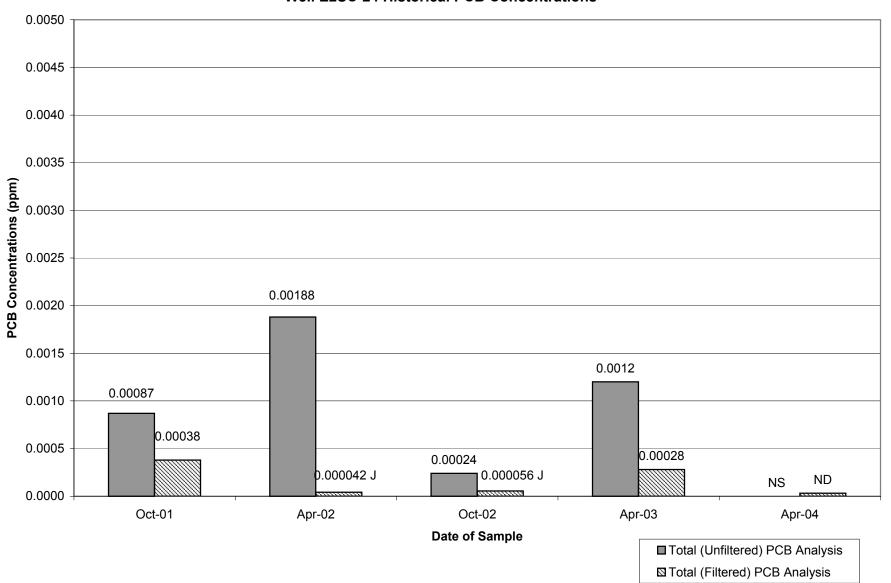
Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

Well E2SC-23 Historical PCB Concentrations



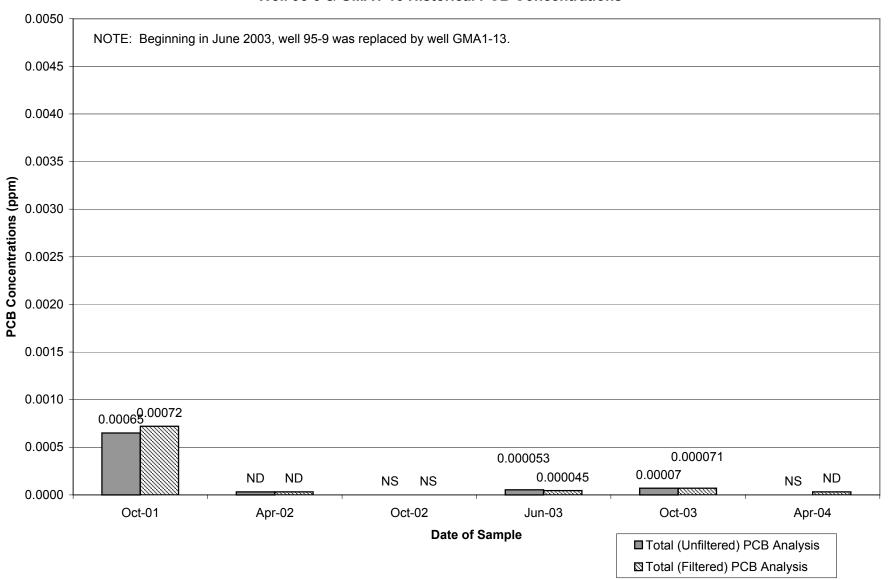
Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

Well E2SC-24 Historical PCB Concentrations



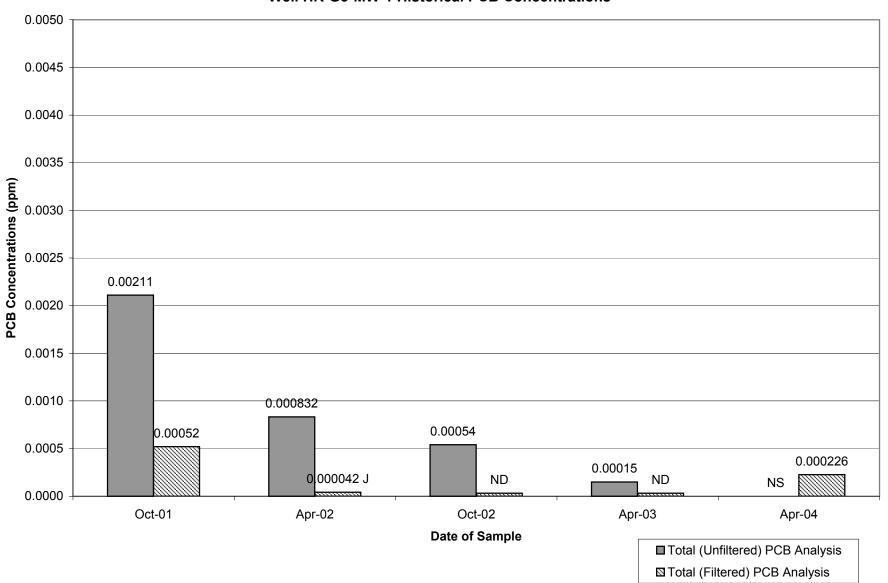
Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

Well 95-9 & GMA1-13 Historical PCB Concentrations



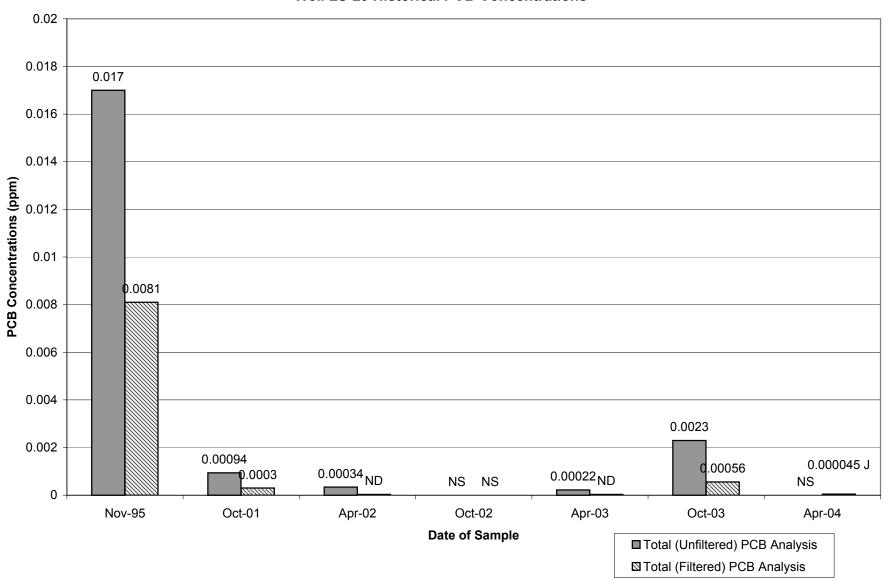
Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

Well HR-G3-MW-1 Historical PCB Concentrations



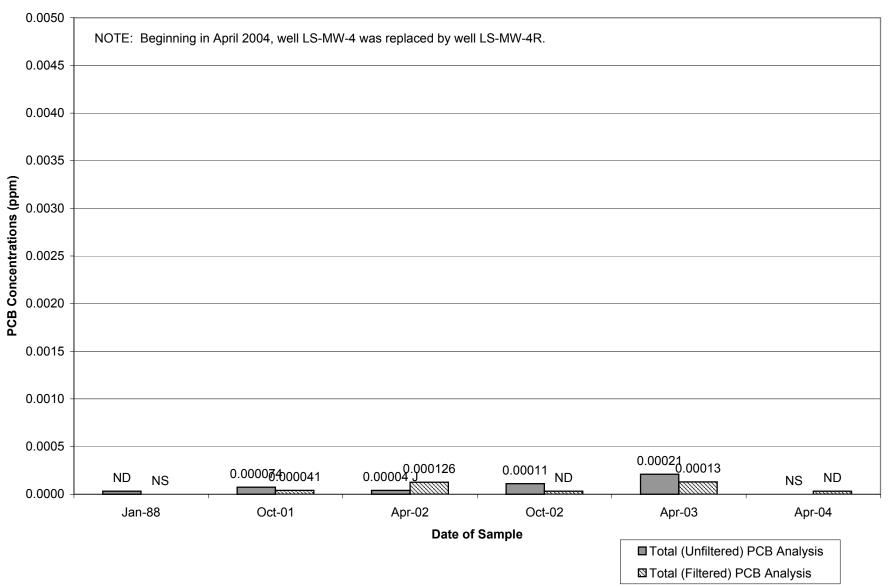
Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

Well LS-29 Historical PCB Concentrations



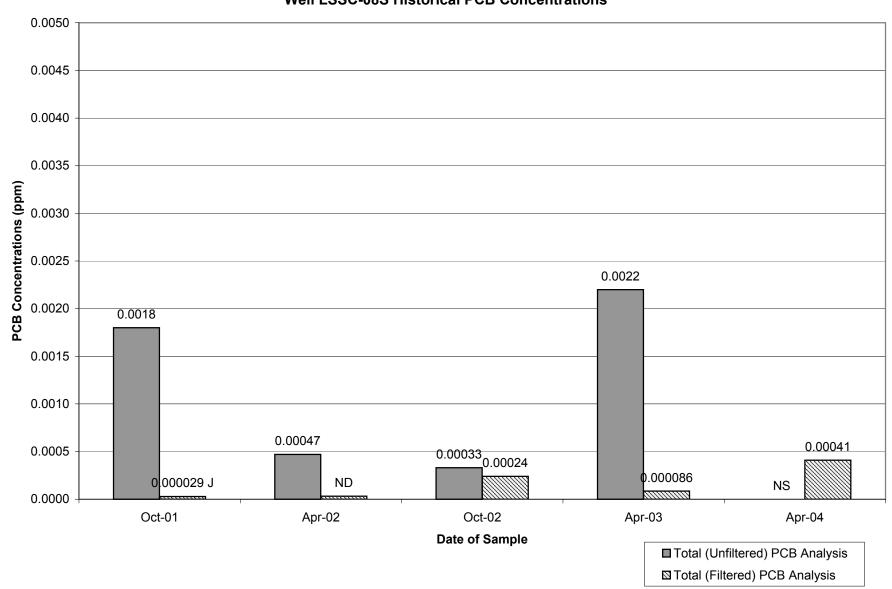
Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

Well LS-MW-4 & LS-MW-4R Historical PCB Concentrations



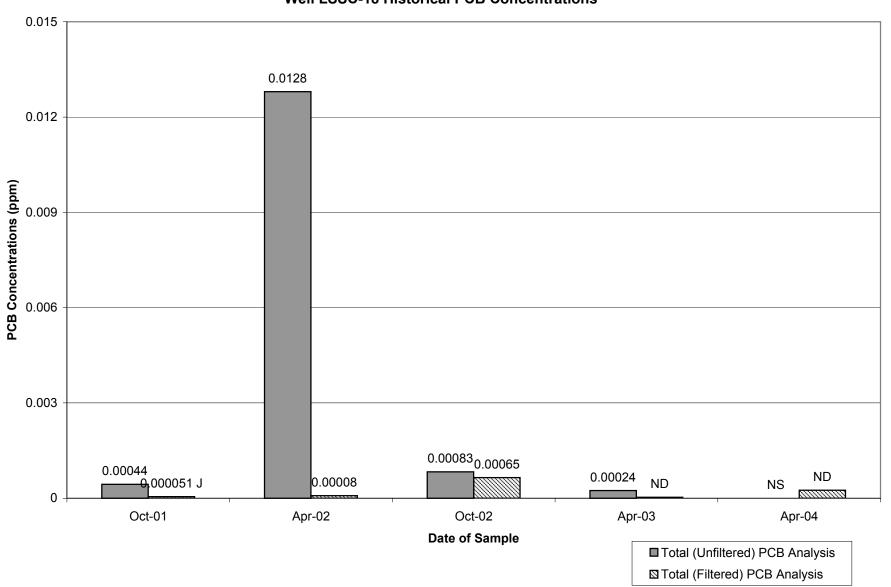
Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

Well LSSC-08S Historical PCB Concentrations



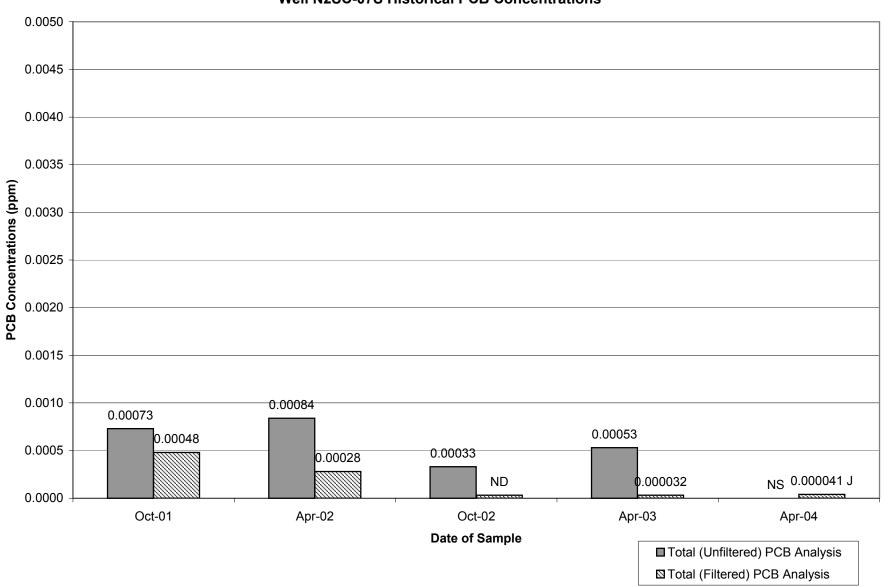
Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

Well LSSC-18 Historical PCB Concentrations



Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

Well N2SC-07S Historical PCB Concentrations



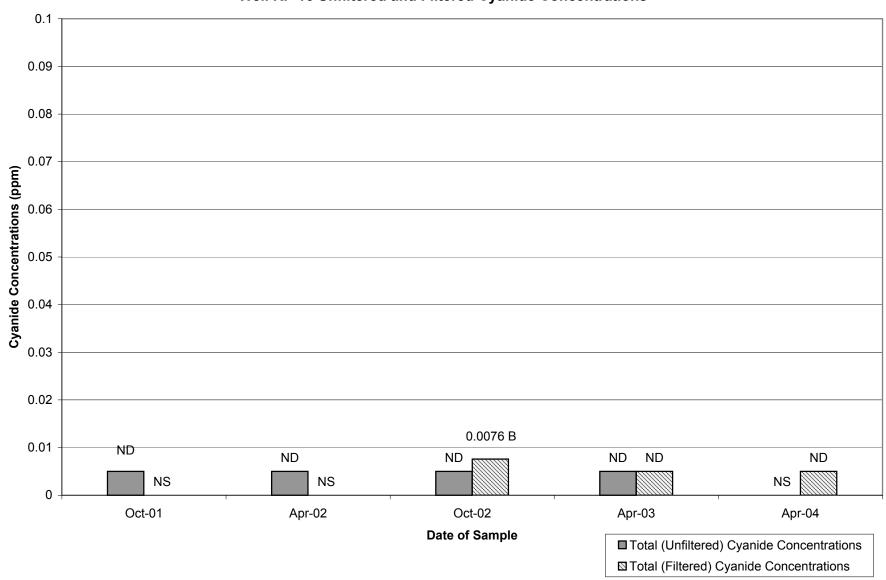
Historical Groundwater Data

Cyanide Concentrations – Wells Sampled in Spring 2004



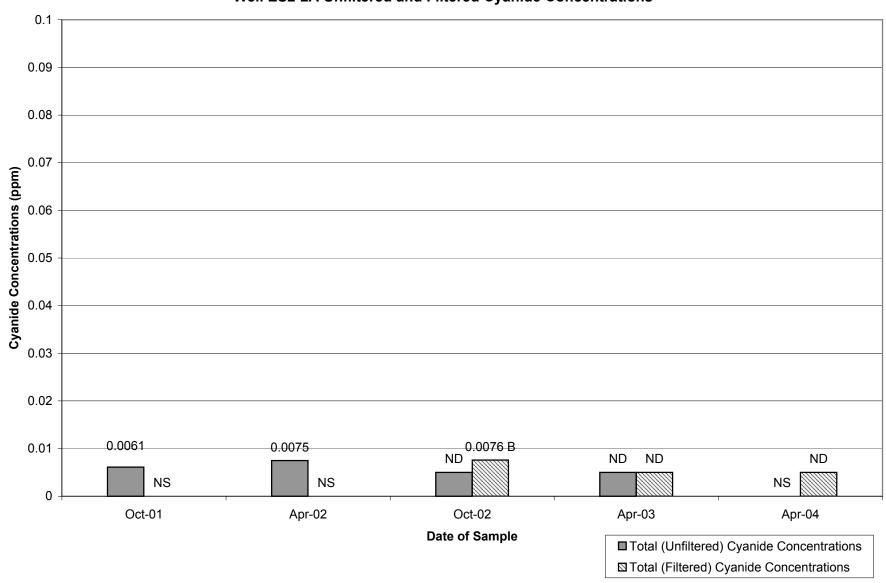
Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

Well RF-16 Unfiltered and Filtered Cyanide Concentrations



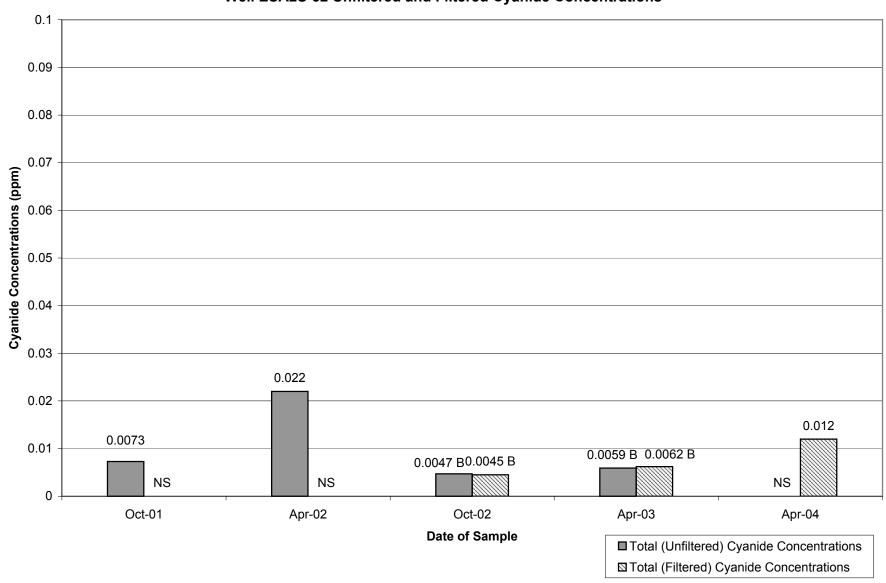
Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

Well ES2-2A Unfiltered and Filtered Cyanide Concentrations



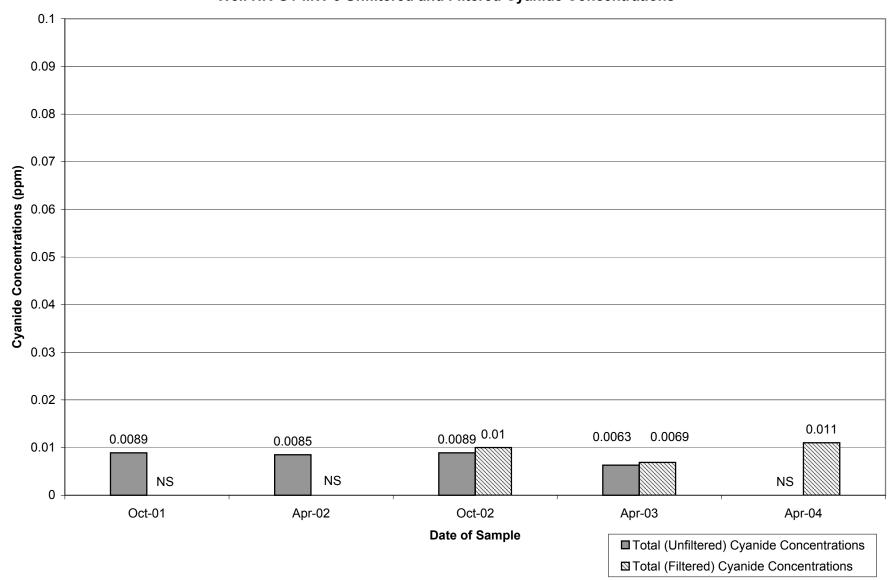
Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

Well ESA2S-52 Unfiltered and Filtered Cyanide Concentrations



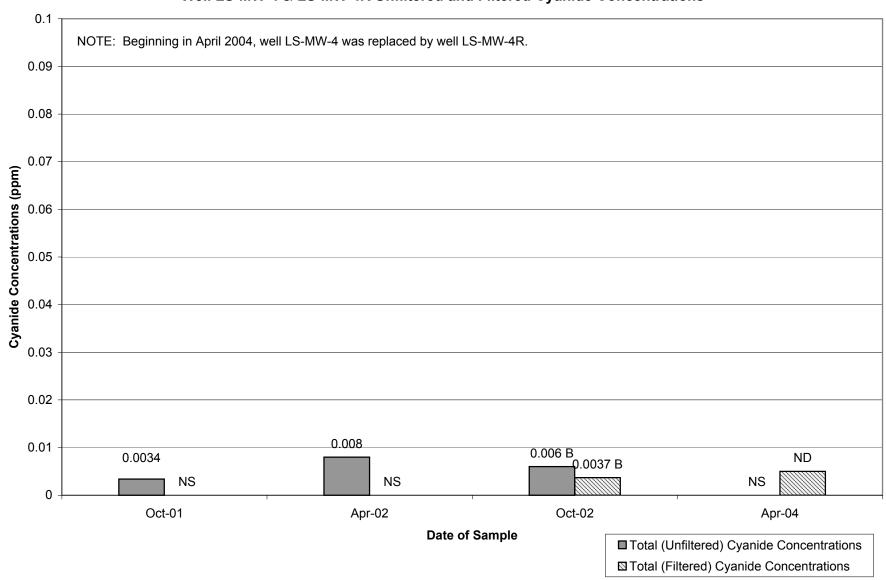
Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

Well HR-G1-MW-3 Unfiltered and Filtered Cyanide Concentrations



Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

Well LS-MW-4 & LS-MW-4R Unfiltered and Filtered Cyanide Concentrations



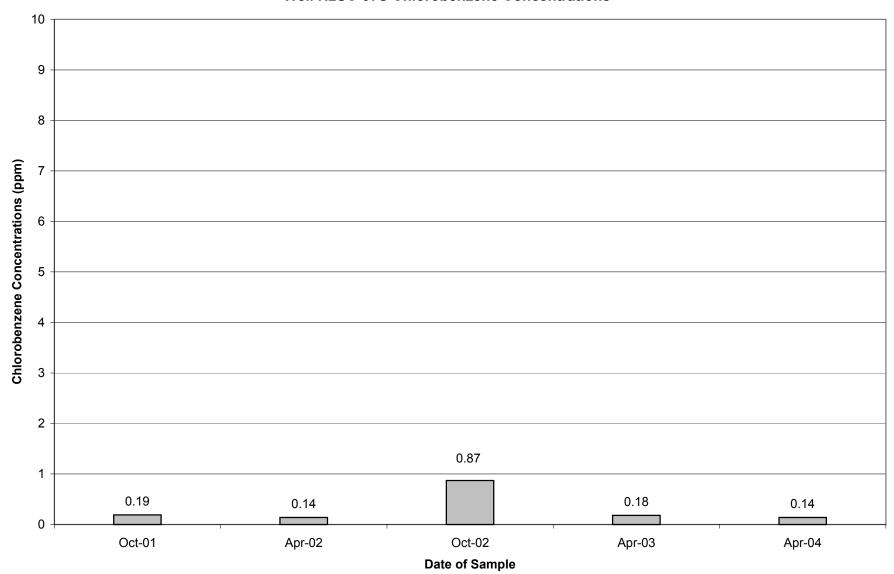
Historical Groundwater Data

Chlorobenzene Concentrations – Selected Wells



Groundwater Management Area 1 General Electric Company Pittsfield, Massachusetts

Well N2SC-07S Chlorobenzene Concentrations



Appendix D

Data Validation Report



APPENDIX D GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS

GROUNDWATER MANAGEMENT AREA 1

DATA VALIDATION REPORT - SPRING 2004

1.0 General

This Appendix summarizes the Tier I and Tier II data reviews performed for groundwater samples collected at the Plant Site 1 Groundwater Management Area (GMA 1) 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), by SGS Environmental Services, Inc. of Charleston, West Virginia. Data validation was performed for 16 polychlorinated biphenyl (PCB) samples, 11 volatile organic compound (VOC) samples, one semi-volatile organic compound (SVOC) sample, one polychlorinated dibenzo-p-dioxin (PCDD)/polychlorinated dibenzofuran (PCDF) sample, one metals sample, and seven 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 reviews were 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 May 25, 2004 and resubmitted June 15, 2004);
- Region I Tiered Organic and Inorganic Data Validation Guidelines, USEPA Region I (July 1, 1993);
- 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 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 (Draft, December 1996); and
- National Functional Guidelines for Dioxin/Furan Data Validation, USEPA (Draft, January 1996).

A tabulated summary of the Tier II data evaluation is presented in Table D-1. Each sample subjected to evaluation is listed in Table D-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 numeric 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 not detected. The sample quantitation limit is presented and adjusted for dilution and (for solid samples only) percent moisture. Non-detect sample results are presented as ND(PQL) within this report and in Table D-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-detect sample results that required qualification are presented as ND(PQL) J within this report and in Table D-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

		Tier I Only		,	[
Parameter	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	Total
PCBs	5	0	0	9	1	1	16
VOCs	0	0	0	6	1	4	11
SVOCs	0	0	0	1	0	0	1
PCDDs/PCDFs	0	0	0	1	0	0	1
Metals	0	0	0	1	0	0	1
Cyanide/Sulfide	4	1	0	1	0	1	7
Total	9	1	0	19	2	6	37

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 73% 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.

Compounds Qualified Due to Initial Calibration RRF Deviations

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,4-Dioxane	11	J
	2-Butanone	11	J
	Acetone	11	J
	Acetonitrile	11	J
	Acrolein	11	J
	Isobutanol	11	J
	Propionitrile	11	J
SVOCs	4-Nitroquinoline-1-oxide	1	J

Several of the organic compounds (including the compounds presented in the above tables 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 percent different (%D) between the initial calibration RRF and the continuing calibration RRF for VOCs and SVOCs be less than 25%. Sample data for detected and non-detected compounds with %D values exceeding the continuing calibration criterion were qualified as

estimated (J). A summary of the compounds exceeding 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	2-Hexanone	10	J
	Bromoform	1	J
	Carbon Disulfide	1	J
	Dichlorodifluoromethane	8	J
	Trichlorofluoromethane	8	J
SVOCs	1,2-Diphenylhydrazine	1	J
	2-Nitroaniline	1	J
	a,a'-Dimethylphenethylamine	1	J
	Benzyl Alcohol	1	J
	Hexachlorophene	1	J
	p-Dimethylaminoazobenzene	1	J

Internal standard compounds for SVOC 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. Internal standard compounds that exceeded recovery criteria resulted in the qualification of sample results for compounds that were quantified with the deviant standard. SVOC sample results for the associated compounds were qualified as estimated (J) when the internal standard recovery was less than 50%, but greater than 25%. The PCDDs/PCDFs internal standard compound recovery criteria require that internal standard recoveries be between 40 and 140%. PCDDs/PCDFs sample results for the associated compounds were qualified as estimated (J) when the internal standard recovery was less than 25%, 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 Deviations

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	3-Methylcholanthrene	1	J
	7,12-Dimethylbenz(a)anthracene	1	J
	Benzo(a)pyrene	1	J
	Benzo(b)fluoranthene	1	J
	Benzo(g,h,i)perylene	1	J
	Benzo(k)fluoranthene	1	J
	Di-n-Octylphthalate	1	J
	Dibenzo(a,h)anthracene	1	J
	Indeno(1,2,3-cd)pyrene	1	J
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDD	1	J
	1,2,3,4,6,7,8-HpCDF	1	J
	1,2,3,4,7,8,9-HpCDF	1	J
	1,2,3,4,7,8-HxCDF	1	J
	1,2,3,6,7,8-HxCDD	1	J
	1,2,3,6,7,8-HxCDF	1	J

Compounds Qualified Due to Internal Standard Deviations

Analysis	Compound	Number of Affected Samples	Qualification
PCDDs/PCDFs	1,2,3,7,8,9-HxCDF	1	J
	1,2,3,7,8-PeCDD	1	J
	1,2,3,7,8-PeCDF	1	J
	2,3,4,7,8-PeCDF	1	J
	2,3,7,8-TCDD	1	J
	HpCDDs (total)	1	J
	HpCDFs (total)	1	J
	HxCDDs (total)	1	J
	HxCDFs (total)	1	J
	OCDD	1	J
	OCDF	1	J
	PeCDDs (total)	1	J
	PeCDFs (total)	1	J
	TCDDs (total)	1	J

Surrogate compounds are analyzed with every organic sample to aid in evaluation of the sample extraction efficiency. As specified in the FSP/QAPP, two of the three SVOC surrogate compounds within each fraction must be within the laboratory-specified control limits. Sample data for non-detect compounds with surrogate recoveries that exceeded the surrogate 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 number of samples qualified due to those deviations are shown below.

Compounds Qualified Due to Surrogate Recovery Deviations

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	All base neutral compounds	97	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 that have been 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 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	100	None
PCBs	100	None
PCDDs/PCDFs	100	None

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

5.1 Precision

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

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, 10.9% of the data required qualification for calibration deviations, 0.88% for internal standard recoveries and 9.5% for surrogate compound recoveries. None of the data required qualification for MS/MSD recovery deviations, LCS recoveries or CRDL standard recoveries.

5.3 Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represent 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 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-846¹ 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 (e.g., sample extraction/preparation, instrument calibration, QA/QC procedures). 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 for individual analytical parameters and overall usability of this data set is 100%.

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

GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Sample															
Delivery	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes				
Group No.															
CBs		T						1		1	r				
	DUP-1	4/6/2004	Water	Tier II	No						ES1-05				
	ES1-05	4/6/2004	Water	Tier II	No										
D0P114	ES1-27R GMA1-13	4/6/2004	Water	Tier II	No										
D0P162 D0P162	RF-02	4/7/2004 4/6/2004	Water Water	Tier I Tier I	No No										
D0P162 D0P219	E2SC-23	4/7/2004	Water	Tier I	No		+								
D0P219	HR-G3-MW-1	4/8/2004	Water	Tier I	No										
D0P219	LS-29	4/8/2004	Water	Tier I	No										
D0P243	ESA1N-52	4/9/2004	Water	Tier II	No										
D0P243	GMA1-6	4/9/2004	Water	Tier II	No										
D0P243	LS-MW-4R	4/9/2004	Water	Tier II	No										
D0P243	LSSC-08S	4/8/2004	Water	Tier II	No										
D0P243	LSSC-18	4/8/2004	Water	Tier II	No										
D0P257	N2SC-07S	4/12/2004	Water	Tier II	No										
E0P033	E2SC-24	5/3/2004	Water	Tier II	No										
E0P033	RINSE BLANK-1	5/3/2004	Water	Tier II	No										
letals															
D0P243	LS-MW-4R	4/9/2004	Water	Tier II	No										
0Cs															
D0P114	GMA1-4	4/6/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J					
								2-Butanone	ICAL RRF	0.037	>0.05	ND(0.010) J			
						2-Hexanone	CCAL %D	34.4%	<25%	ND(0.010) J					
						Acetone	ICAL RRF	0.049	>0.05	ND(0.010) J					
						Acetonitrile	ICAL RRF	0.037	>0.05	ND(0.10) J					
						Acrolein	ICAL RRF	0.001	>0.05	ND(0.10) J					
						Isobutanol	ICAL RRF	0.011	>0.05	ND(0.10) J					
						Propionitrile	ICAL RRF	0.018	>0.05	ND(0.010) J					
00P114	TRIP BLANK	4/6/2004	Water	Tier II	Tier II	Tier II	Tier II	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
						2-Butanone	ICAL RRF	0.037	>0.05	ND(0.010) J					
						ĺ	2-Hexanone	CCAL %D	34.4%	<25%	ND(0.010) J				
						Acetone	ICAL RRF	0.049	>0.05	ND(0.010) J					
						Acetonitrile	ICAL RRF	0.037	>0.05	ND(0.10) J					
					Yes	Acrolein Isobutanol	ICAL RRF	0.001 0.011	>0.05 >0.05	ND(0.10) J ND(0.10) J					
						Propionitrile	ICAL RRF	0.011	>0.05	ND(0.10) J					
00P243	DUP-3	4/9/2004	Water	Tier II		1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	LSSC-16S				
JUF 243	DOF-3	4/9/2004	vvalei	HEHH	165	2-Butanone	ICAL RRF	0.001	>0.05	ND(0.20) J	L33C-103				
						2-Hexanone	CCAL %D	36.8%	<25%	ND(0.010) J					
						Acetone	ICAL RRF	0.049	>0.05	ND(0.010) J					
						Acetonic	ICAL RRF	0.037	>0.05	ND(0.10) J	1				
						Acrolein	ICAL RRF	0.001	>0.05	ND(0.10) J					
						Dichlorodifluoromethane	CCAL %D	25.2%	<25%	ND(0.0050) J					
						Isobutanol	ICAL RRF	0.011	>0.05	ND(0.10) J	İ				
						Propionitrile	ICAL RRF	0.018	>0.05	ND(0.010) J					
						Trichlorofluoromethane	CCAL %D	33.6%	<25%	ND(0.0050) J					
0P243	GMA1-6	4/9/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J					
						2-Butanone	ICAL RRF	0.037	>0.05	ND(0.010) J					
						2-Hexanone	CCAL %D	36.8%	<25%	ND(0.010) J					
						Acetone	ICAL RRF	0.049	>0.05	ND(0.010) J					
						Acetonitrile	ICAL RRF	0.037	>0.05	ND(0.10) J					
						Acrolein	ICAL RRF	0.001	>0.05	ND(0.10) J					
						Dichlorodifluoromethane	CCAL %D	25.2%	<25%	ND(0.0050) J					
						Isobutanol	ICAL RRF	0.011	>0.05	ND(0.10) J					
						Propionitrile	ICAL RRF	0.018	>0.05	ND(0.010) J					
						Trichlorofluoromethane	CCAL %D	33.6%	<25%	ND(0.0050) J	1				

GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result Notes	
/OCs (con	tinued)										
D0P243	LS-MW-4R	4/9/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
						2-Butanone	ICAL RRF	0.037	>0.05	ND(0.010) J	
						2-Hexanone	CCAL %D	36.8%	<25%	ND(0.010) J	
						Acetone	ICAL RRF	0.049	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.037	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.001	>0.05	ND(0.10) J	
						Dichlorodifluoromethane	CCAL %D	25.2%	<25%	ND(0.0050) J	
						Isobutanol	ICAL RRF	0.011	>0.05	ND(0.10) J	
						Propionitrile	ICAL RRF	0.018	>0.05	ND(0.010) J	
						Trichlorofluoromethane	CCAL %D	33.6%	<25%	ND(0.0050) J	
0P243	LSSC-16S	4/9/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J	
						2-Butanone	ICAL RRF	0.037	>0.05	ND(0.010) J	
						2-Hexanone	CCAL %D	36.8%	<25%	ND(0.010) J	
						Acetone	ICAL RRF	0.049	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.037	>0.05	ND(0.10) J	
						Acrolein	ICAL RRF	0.001	>0.05	ND(0.10) J	
						Dichlorodifluoromethane	CCAL %D	25.2%	<25%	ND(0.0050) J	
						Isobutanol	ICAL RRF	0.011	>0.05	ND(0.10) J	
						Propionitrile	ICAL RRF	0.018	>0.05	ND(0.010) J	
						Trichlorofluoromethane	CCAL %D	33.6%	<25%	ND(0.0050) J	
0P243	TRIP BLANK	4/8/2004	Water	Tier II	Yes	Tier II Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J
						2-Butanone	ICAL RRF	0.037	>0.05	ND(0.010) J	
						2-Hexanone	CCAL %D	36.8%	<25%	ND(0.010) J	
						Acetone	ICAL RRF	0.049	>0.05	ND(0.010) J	
						Acetonitrile	ICAL RRF	0.037	>0.05	ND(0.10) J	
				ĺ		Acrolein	ICAL RRF	0.001	>0.05	ND(0.10) J	
						Dichlorodifluoromethane	CCAL %D	25.2%	<25%	ND(0.0050) J	
						Isobutanol	ICAL RRF	0.011	>0.05	ND(0.10) J	
						Propionitrile	ICAL RRF	0.018	>0.05	ND(0.010) J	
						Trichlorofluoromethane	CCAL %D	33.6%	<25%	ND(0.0050) J	
0P257	N2SC-07S	4/12/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(1.0) J	
						2-Butanone	ICAL RRF	0.037	>0.05	ND(0.050) J	
						2-Hexanone	CCAL %D	31.6%	<25%	ND(0.050) J	
						Acetone	ICAL RRF	0.049	>0.05	ND(0.050) J	
						Acetonitrile	ICAL RRF	0.037	>0.05	ND(0.50) J	
						Acrolein	ICAL RRF	0.001	>0.05	ND(0.50) J	
						Dichlorodifluoromethane	CCAL %D	26.4%	<25%	ND(0.050) J	
						Isobutanol	ICAL RRF	0.011	>0.05	ND(1.0) J	
						Propionitrile	ICAL RRF	0.018	>0.05	ND(0.10) J	
						Trichlorofluoromethane	CCAL %D	29.6%	<25%	ND(0.050) J	

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Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes		
/OCs (cont													
1D0P257	NS-17	4/12/2004	Water	Tier II		1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(2.0) J			
						2-Butanone	ICAL RRF	0.037	>0.05	ND(0.10) J			
						2-Hexanone	CCAL %D	31.6%	<25%	ND(0.10) J			
						Acetone	ICAL RRF	0.049	>0.05	ND(0.10) J			
						Acetonitrile	ICAL RRF	0.037	>0.05	ND(1.0) J			
						Acrolein	ICAL RRF	0.001	>0.05	ND(1.0) J			
						Dichlorodifluoromethane	CCAL %D	26.4%	<25%	ND(0.10) J			
						Isobutanol	ICAL RRF	0.011	>0.05	ND(2.0) J			
						Propionitrile	ICAL RRF	0.018	>0.05	ND(0.20) J			
						Trichlorofluoromethane	CCAL %D	29.6%	<25%	ND(0.10) J			
D0P257	TRIP BLANK	4/12/2004	Water	Tier II		1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(2.0) J			
						2-Butanone	ICAL RRF	0.037	>0.05	ND(0.10) J			
						2-Hexanone	CCAL %D	31.6%	<25%	ND(0.10) J			
								Acetone	ICAL RRF	0.049	>0.05	ND(0.10) J	
							Acetonitrile	ICAL RRF	0.037	>0.05	ND(1.0) J		
						Acrolein	ICAL RRF	0.001	>0.05	ND(1.0) J			
						Dichlorodifluoromethane	CCAL %D	26.4%	<25%	ND(0.10) J			
						Isobutanol	ICAL RRF	0.011	>0.05	ND(2.0) J			
						Propionitrile	ICAL RRF	0.018	>0.05	ND(0.20) J			
						Trichlorofluoromethane	CCAL %D	29.6%	<25%	ND(0.10) J			
E0P033	RINSE BLANK-1	5/3/2004	Water	Tier II	Yes	1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.20) J			
						2-Butanone	ICAL RRF	0.037	>0.05	ND(0.010) J			
						Acetone	ICAL RRF	0.049	>0.05	ND(0.010) J			
						Acetonitrile	ICAL RRF	0.037	>0.05	ND(0.10) J			
						Acrolein	ICAL RRF	0.001	>0.05	ND(0.10) J			
						Bromoform	CCAL %D	29.6%	<25%	ND(0.0050) J			
								Carbon Disulfide	CCAL %D	29.6%	<25%	ND(0.0050) J	
						Isobutanol	ICAL RRF	0.011	>0.05	ND(0.10) J			
				1		Propionitrile	ICAL RRF	0.018	>0.05	ND(0.010) J			

GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes			
SVOCs	LC MW 4D	4/0/2004	10/-4	Ties II	V	4.0.4.5. Tetreeblessbesses	Comments Description Description	20,007,24,007,22,007	42.00/ 1- 440.00/ 25.00/ 1- 444.00/ 22.00/ 1- 444.00/	ND(0.040) I	LICE DEANAL VOIC			
D0P243	LS-MW-4R	4/9/2004	Water	Tier II	Yes	1,2,4,5-Tetrachlorobenzene 1,2,4-Trichlorobenzene	Surrogate Recovery Base-neutral Surrogate Recovery Base-neutral	26.0%,31.0%,23.0% 26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0% 43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J ND(0.010) J	USE REANALYSIS			
						1,2-Dichlorobenzene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0% 43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						1,2-Dichioroberizerie 1,2-Diphenylhydrazine	CCAL %D	28.5%	<25%	ND(0.010) J				
						1,2-Diphenylhydrazine	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						1.3.5-Trinitrobenzene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						1,3-Dichlorobenzene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						1,3-Dinitrobenzene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						1,4-Dichlorobenzene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						1,4-Naphthoquinone	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						1-Naphthylamine	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						2,4-Dinitrotoluene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						2,6-Dinitrotoluene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						2-Acetylaminofluorene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						2-Chloronaphthalene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						2-Methylnaphthalene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						2-Naphthylamine	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						2-Nitroaniline	CCAL %D	56.4%	<25%	ND(0.050) J				
						2-Nitroaniline 2-Picoline	Surrogate Recovery Base-neutral Surrogate Recovery Base-neutral	26.0%,31.0%,23.0% 26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0% 43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.050) J ND(0.010) J				
						3.3'-Dichlorobenzidine	Surrogate Recovery Base-neutral Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0% 43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J ND(0.020) J				
						3,3'-Dimethylbenzidine	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.020) J				
						3-Methylcholanthrene	Internal Standard Perylene-d12 %R	43.7%	50% to 200%	ND(0.010) J				
						3-Methylcholanthrene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						3-Nitroaniline	Surrogate Recovery Base-neutral	26.0%.31.0%.23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.050) J				
						4-Aminobiphenyl	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						4-Bromophenyl-phenylether	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						4-Chloroaniline	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						4-Chlorobenzilate	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						4-Chlorophenyl-phenylether	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						4-Nitroaniline	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.050) J				
						4-Nitroquinoline-1-oxide	ICAL RRF	0.034	>0.05	ND(0.010) J				
						4-Nitroquinoline-1-oxide	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						4-Phenylenediamine	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						5-Nitro-o-toluidine	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						7,12-Dimethylbenz(a)anthracene	Internal Standard Perylene-d12 %R	43.7%	50% to 200%	ND(0.010) J				
						7,12-Dimethylbenz(a)anthracene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						a,a'-Dimethylphenethylamine	CCAL %D	27.1%	<25%	ND(0.010) J				
						a,a'-Dimethylphenethylamine	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						Acenaphtheles	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						Acetaphonono	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						Acetophenone Aniline	Surrogate Recovery Base-neutral Surrogate Recovery Base-neutral	26.0%,31.0%,23.0% 26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0% 43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J ND(0.010) J				
						Anthracene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						Aramite	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						Benzidine	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						Benzo(a)anthracene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						Benzo(a)pyrene	Internal Standard Perylene-d12 %R	43.7%	50% to 200%	ND(0.010) J				
						Benzo(a)pyrene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						Benzo(b)fluoranthene	Internal Standard Perylene-d12 %R	43.7%	50% to 200%	ND(0.010) J				
						Benzo(b)fluoranthene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						Benzo(g,h,i)perylene	Internal Standard Perylene-d12 %R	43.7%	50% to 200%	ND(0.010) J				
						Benzo(g,h,i)perylene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
									Benzo(k)fluoranthene	Internal Standard Perylene-d12 %R	43.7%	50% to 200%	ND(0.010) J	
						Benzo(k)fluoranthene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J				
						Benzyl Álcohol	CCAL %D	29.5%	<25%	ND(0.020) J				

GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

(Results are presented in parts per million, ppm)

ample elivery oup No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
OCs (cor	itinued)	1		1	1	bis(2-Chloroethoxy)methane	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						bis(2-Chloroethyl)ether	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						bis(2-Chloroisopropyl)ether	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						bis(2-Ethylhexyl)phthalate	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.0060) J	-
						Butylbenzylphthalate	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Chrysene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	-
						Diallate	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Dibenzo(a,h)anthracene	Internal Standard Perylene-d12 %R	43.7%	50% to 200%	ND(0.010) J	
						Dibenzo(a,h)anthracene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Dibenzofuran	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Diethylphthalate	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Dimethylphthalate	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Di-n-Butylphthalate	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Di-n-Octylphthalate	Internal Standard Perylene-d12 %R	43.7%	50% to 200%	ND(0.010) J	
						Di-n-Octylphthalate	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Diphenylamine	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	-
						Ethyl Methanesulfonate	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Fluoranthene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Fluorene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Hexachlorobenzene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Hexachlorocyclopentadiene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Hexachloroethane	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Hexachlorophene	CCAL %D	99.9%	<25%	ND(0.020) J	
						Hexachlorophene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.020) J	
						Hexachloropropene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Indeno(1,2,3-cd)pyrene	Internal Standard Perylene-d12 %R	43.7%	50% to 200%	ND(0.010) J	
						Indeno(1,2,3-cd)pyrene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Isodrin	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Isophorone	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Isosafrole	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Methapyrilene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Methyl Methanesulfonate	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Naphthalene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Nitrobenzene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J ND(0.010) J	
						N-Nitrosodiethylamine	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0% 26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0% 43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J ND(0.010) J	
						N-Nitrosodimethylamine	Surrogate Recovery Base-neutral Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
l						N-Nitroso-di-n-butylamine N-Nitroso-di-n-propylamine	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0% 43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J ND(0.010) J	
Į						N-Nitrosodiphenylamine	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						N-Nitrosomethylethylamine	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						N-Nitrosomorpholine	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						N-Nitrosopiperidine	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						N-Nitrosopyrrolidine	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						o,o,o-Triethylphosphorothioate	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						o-Toluidine	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						p-Dimethylaminoazobenzene	CCAL %D	30.6%	<25%	ND(0.010) J	
Į						p-Dimethylaminoazobenzene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Pentachlorobenzene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
l						Pentachloroethane	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Pentachloronitrobenzene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Phenacetin	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Phenanthrene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Pronamide	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Pyrene	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Pyridine	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
						Safrole	Surrogate Recovery Base-neutral	26.0%,31.0%,23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	
				1	1	Thionazin	Surrogate Recovery Base-neutral	26.0%.31.0%.23.0%	43.0% to 116.0%, 35.0% to 114.0%, 33.0% to 141.0%	ND(0.010) J	

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GROUNDWATER MANAGEMENT AREA 1 GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCDDs/PCI	DFs										-
4D0P243	LS-MW-4R	4/9/2004	Water	Tier II	Yes	1,2,3,4,6,7,8-HpCDD	Method Blank	-	-	ND(0.0000000065)	
ļ						1,2,3,4,6,7,8-HpCDF	Method Blank	-	-	ND(0.0000000070)	
						1,2,3,4,7,8,9-HpCDF	Method Blank	-	-	ND(0.0000000056)	
						1,2,3,4,7,8-HxCDF	Method Blank	-	-	ND(0.0000000082)	
						1,2,3,6,7,8-HxCDD	Method Blank	-	-	ND(0.0000000077)	
						1,2,3,6,7,8-HxCDF	Method Blank	-	-	ND(0.0000000085)	
						1,2,3,7,8,9-HxCDF	Method Blank	-	-	ND(0.0000000072)	
						1,2,3,7,8-PeCDD	Method Blank	-	-	ND(0.000000011)	
						1,2,3,7,8-PeCDF	Method Blank	-	-	ND(0.000000011)	
						2,3,4,7,8-PeCDF	Method Blank	-	-	ND(0.0000000072)	
						2,3,7,8-TCDD	Method Blank	-	-	ND(0.0000000032)	
						HpCDDs (total)	Method Blank	-	-	ND(0.0000000065)	
						HpCDFs (total)	Method Blank	-	-	ND(0.000000013)	
						HxCDDs (total)	Method Blank	-	-	ND(0.000000016)	
						HxCDFs (total)	Method Blank	-	-	ND(0.000000024)	
						OCDD	Method Blank	-	-	ND(0.000000015)	
						OCDF	Method Blank	-	-	ND(0.0000000092)	
						PeCDDs (total)	Method Blank	-	-	ND(0.000000011)	
						PeCDFs (total)	Method Blank	-	-	ND(0.000000018)	
						TCDDs (total)	Method Blank	-	-	ND(0.0000000032)	
Sulfide and	Cyanide										
4D0P162	DUP-2	4/7/2004	Water	Tier I	No						RF-16
4D0P162	ESA2S-52	4/7/2004	Water	Tier I	No						
4D0P162	RF-16	4/7/2004	Water	Tier I	No						
4D0P219	ES2-02A	4/7/2004	Water	Tier I	No						
4D0P219	HR-G1-MW-3	4/8/2004	Water	Tier I	No						
4D0P243	LS-MW-4R	4/9/2004	Water	Tier II	No						
4E0P033	RINSE BLANK-1	5/3/2004	Water	Tier II	No						