

Transmitted Via Overnight Courier

GE 159 Plastics Avenue Pittsfield, MA 01201 USA

February 27, 2009

Mr. Richard Fisher 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 4 (GECD340) Groundwater Quality Monitoring Interim Report for Fall 2008

Dear Mr. Fisher:

Enclosed is the *Groundwater Management Area 4 Groundwater Quality Monitoring Interim Report for Fall 2008.* This report summarizes activities performed at Groundwater Management Area (GMA) 4 (also known as the Plant Site 3 GMA) during fall 2008, and presents the results of the latest round of sampling and analysis of groundwater performed as part of the interim monitoring program for GMA 4. These activities also include sampling performed in conjunction with GE's operation of two On-Plant Consolidation Areas within GMA 4, as well as select sampling conducted by Pittsfield Generating Company, L.P. in association with its existing permitted program. Upgradient groundwater elevation data collected by EPA at the adjacent Allendale School property in fall 2008 are also summarized in this report.

Please contact me if you have any questions regarding this report.

Sincerely,

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Richard W. Gates Remediation Project Manager

Enclosure G:\GE\GE_Pittsfield_CD_GMA_4\Reports and Presentations\Fall 2008 GW Qual Rpt\048911222_CvrLtr.doc

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General Electric Company Pittsfield, Massachusetts

Groundwater Management Area 4 Groundwater Quality Monitoring Interim Report for Fall 2008

February 2009

Groundwater Management Area 4 – Groundwater Quality Monitoring Interim Report for Fall 2008

General Electric Company Pittsfield, Massachusetts

Prepared for:

General Electric Company Pittsfield, Massachusetts

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Date: February 2009

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GMA 4 – Groundwater Quality Monitoring Interim Report for Fall 2008

General Electric Company Pittsfield, Massachusetts

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 3 Groundwater Management Area, also known as and referred to herein as GMA 4.

On July 23, 2001, GE submitted a *Baseline Monitoring Program Proposal for Plant Site 3 Groundwater Management Area* (GMA 4 Baseline Monitoring Proposal). The GMA 4 Baseline Monitoring Proposal summarized the hydrogeologic information available at that time for GMA 4 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 4 Baseline Monitoring Proposal by letter of December 28, 2001. Thereafter, certain modifications were made to the GMA 4 baseline monitoring program as a result of EPA approval conditions and/or findings during field reconnaissance of the selected monitoring locations and, subsequently, during implementation of the baseline monitoring program.

The baseline monitoring program, which was initiated in the spring of 2002, consisted of four semi-annual groundwater quality sampling events followed by the 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 4, titled *Groundwater Management Area 4 Baseline Groundwater Quality Interim Report for Fall 2003* (Fall 2003 GMA 4 Groundwater Quality Report), was submitted to EPA on February 27, 2004. 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 within a GMA, GE may make a proposal to EPA to modify and/or extend the baseline

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monitoring program based on the results of the initial assessment and the estimated timing of future response actions. The approved GMA 4 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. The Fall 2003 GMA 4 Groundwater Quality Report contained such a proposal to modify and extend baseline groundwater quality monitoring activities at GMA 4 (under a program referred to as the interim monitoring program) until such time as the soil-related Removal Actions at the GMA 4 RAAs are completed and the specific components of a long-term groundwater quality monitoring program are determined. EPA conditionally approved the Fall 2003 GMA 4 Groundwater Quality Report by letter dated May 19, 2004. Under the approved interim monitoring program, semi-annual or annual water quality sampling (alternating between the spring and fall seasons) and periodic water level monitoring at selected GMA 4 wells was initiated in spring 2004.

As part of the interim 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. This *Groundwater Management Area 4 Groundwater Quality Monitoring Interim Report for Fall 2008* (Fall 2008 Groundwater Quality Report) presents the results of groundwater sampling activities performed at GMA 4 during October 2008, as well as other groundwater-related activities performed at this GMA between July and December 2008.

1.2 Background Information

GMA 4 is located within the mid-eastern portion of the GE Plant Area and encompasses the Hill 78 and Building 71 On-Plant Consolidation Areas (OPCAs), the Hill 78-Remainder RAA, and the portion of the Unkamet Brook Area RAA (as defined in the CD and SOW) located to the west of Plastics Avenue. GMA 4 occupies an area of approximately 80 acres, generally bounded by Tyler Street/Tyler Street Extension to the north, Merrill Road to the south, Plastics Avenue to the east, and New York Avenue to the west, as illustrated on Figure 2. The Hill 78 and Building 71 OPCAs are located within the central portion of this GMA, which also contains a generating facility operated by Pittsfield Generating Company, L.P. (PGC) under a lease with GE. Pursuant to the Seventh CD modification entered into as of May 2008, the leased portion of this property will be subject to a new ground lease, but PGC (under new ownership) will remain operator of this facility. The eastern portion of this GMA is mostly paved or covered by Buildings OP-1 and OP-2, which contain operations of General Dynamics Corporation conducted under contract with the U.S. Department of the Navy. (GE continues to own the land beneath those buildings.)

GE has performed several activities to select, design, and utilize the Hill 78 and Building 71 OPCAs within GMA 4. Upon completion, the final cover for the Hill 78 OPCA will encompass an area of approximately 6.0 acres of the northern, central section of the site

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along Tyler Street. The Building 71 OPCA lies directly east and adjacent to this area, and the final cover will occupy an area of approximately 4.4 acres. Consolidation activities and the final closure of the Building 71 OPCA were completed in October 2006, while the Hill 78 OPCA continues to be used by GE and EPA for the permanent consolidation of materials (soil, sediment, demolition debris, etc.) removed during response actions and building demolition activities conducted at the GE plant and several other areas around Pittsfield that are included within the GE-Pittsfield/Housatonic River Site. Note that the OPCA boundaries in the attached figures have been updated to reflect the consolidation area boundaries presented in GE's September 18, 2008 Addendum to Hill 78 Remainder Final RD/RA Work Plan, conditionally approved by EPA on October 28, 2008. The nature and scope of the required response actions at the Site, including provisions relating to use of the OPCAs, were established in the CD. In connection with the design of the OPCAs, GE developed a groundwater monitoring program consisting of a baseline groundwater investigation, groundwater monitoring during operation of the OPCAs, and future groundwater monitoring during the post-closure period. The primary objectives of the OPCA groundwater monitoring program are to:

- Periodically (on a semi-annual basis) assess groundwater conditions near the OPCAs;
- Compare current conditions with those observed during previous monitoring activities; and
- Identify potential changes in groundwater conditions that may be related to the consolidation activities.

GE performed the initial OPCA-related baseline groundwater investigations between June 14 and 17, 1999, prior to the commencement of consolidation activities. That baseline groundwater investigation originally involved sampling and analysis of 12 monitoring wells (78-1, 78-6, H78B-15, NY-4, and OPCA-MW-1 through OPCA-MW-8) to provide spatial representation on all sides of the OPCAs (i.e., upgradient, downgradient, and cross-gradient). Groundwater samples obtained from these 12 wells were analyzed for PCBs and other constituents listed in Appendix IX of 40 CFR Part 264 (excluding pesticides and herbicides) plus three additional constituents -- benzidine, 2-chloroethylvinyl ether, and 1,2-diphenylhydrazine (Appendix IX+3). The analytical results from that baseline investigation, along with the results from groundwater sampling events conducted during the past year under the OPCA monitoring program, are discussed below in Section 4.3.4 of this report.

Following EPA's January 30, 2001 conditional approval of the proposed OPCA groundwater monitoring program, GE initiated the semi-annual groundwater monitoring program (performed in the spring and fall of each year) at the OPCAs. That program included groundwater level measurements, groundwater sampling, and laboratory analyses for the 12 monitoring wells utilized in the OPCA baseline investigation, followed by preparation of a

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summary report. Two sampling events were conducted under the OPCA groundwater monitoring program (i.e., spring 2001 and fall 2001) prior to initiation of the overall GMA 4 baseline monitoring program, at which point the OPCA-related groundwater monitoring activities were incorporated into the other groundwater monitoring activities conducted for GMA 4.

As set forth in the GMA 4 Baseline Monitoring Proposal and Addendum, the baseline monitoring program at this GMA initially involved a total of 31 monitoring wells, including supplemental wells H78B-16, and H78B-17R. The supplemental wells were sampled solely for VOCs to assess the presence of trichloroethene (TCE) and other chlorinated compounds along the southern boundary of GMA 4. Subsequent modifications to the program approved by EPA resulted in: the decommissioning of three wells (78-7, H78B-8, and H78B-8R); the replacement of two monitoring wells (GMA4-4 for NY-4, and OPCA-MW-1R for OPCA-MW-1); and the installation and sampling of new wells GMA4-5 (designated as a GW-2 sentinel/compliance well), GMA4-6 (designated as a GW-3 perimeter/OPCA monitoring well), and the decommissioning of wells OPCA-MW-1R and OPCA-MW-2 prior to the re-routing of storm and sanitary sewer lines from beneath the Hill 78 OPCA. Following completion of the re-routing project, these wells were replaced with wells OPCA-MW-1RR and OPCA-MW-2R. The wells included in the GMA 4 baseline monitoring program were monitored for groundwater elevations on a guarterly basis and sampled on a semi-annual basis for analysis of PCBs and/or other Appendix IX+3 constituents. The specific groundwater quality parameters for each individual well were selected based on the monitoring objectives of the well.

Groundwater from deep bedrock wells within GMA 4 is utilized for industrial purposes at the PGC facility. Currently, personnel acting on behalf of PGC collect groundwater samples from an existing bedrock supply well (ASW-5, which serves as its primary source of cooling water) for analysis of PCBs and VOCs, in accordance with an existing permitted program. This well is located near the southwest corner of the steam turbine generator building, as illustrated on Figure 2. GE included the analytical results provided on behalf of PGC for samples collected from well ASW-5 in its OPCA groundwater monitoring program reports and continues to include those results in the GMA 4 interim monitoring program reports. The current PGC analytical results are discussed in Section 3.3 of this report.

As previously reported, wells H76B-16 and H78B-17R are sampled on an annual basis (alternating between spring and fall) and analyzed for VOCs to monitor the potential presence of TCE and other chlorinated compounds at the downgradient edge of GMA 4 (Figure 4). These wells were sampled in spring 2008, and the next scheduled sampling will be conducted in fall 2009. In addition, the surface of a dense glacial till forms a trough-like structure in this area (Figure 5), which acts as a confining layer against vertical migration of TCE and other chlorinated constituents. Based on the location of wells H76B-16 and H78B-17R at the downgradient edge of GMA 4 and within the glacial till trough, it is

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anticipated that the source of the TCE and other related chlorinated constituents originated from an upgradient location relative to both groundwater flow and the slope of the till surface. If TCE-containing DNAPL were present, it would tend to migrate vertically downward, based on its density relative to water, until encountering a confining layer, at which point transport would continue along the top of till interface. However, no such DNAPL has been observed in any monitoring wells within GMA 4. As shown on Figure 5, the till trough extends northwest beneath the PGC facility toward the former Hill 78 landfill.

As discussed above, the CD and the SOW provide for the performance of groundwaterrelated 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 4 in the spring of 2002, and the fall 2003 sampling event constituted the fourth baseline sampling event at most of the wells in GMA 4. In spring 2006, GE completed the fourth sampling round at the final baseline monitoring location (well UB-MW-5), which had been dry and unable to be sampled during several of the prior baseline sampling events, and thereby completed the required baseline sampling.

In the Fall 2003 GMA 4 Groundwater Quality Report, GE described its proposed interim groundwater quality monitoring program. EPA conditionally approved that report by letter dated May 19, 2004. GE implemented the interim monitoring program during the spring 2004 sampling event and, with certain EPA-approved modifications, has continued that program through the fall 2008 sampling event.

As discussed in Section 5.2, given that the soil-related Removal Actions at the GMA 4 RAAs are now completed, GE is proposing to conclude the interim monitoring program and submit a final baseline monitoring report for GMA 4, including a proposal for a long-term groundwater monitoring quality program, following the spring 2009 sampling event.

As of fall 2008, the interim monitoring program consists of:

- Sampling and analysis of 12 OPCA-related wells on a semi-annual basis.
- Sampling and analysis of two GW-2 wells for PCBs on a semi-annual basis.
- Annual sampling and analysis (alternating between spring and fall seasons) for select constituents at two GMA 4 wells (H78B-16 and H78B-17R) located along the downgradient edge of the GMA, where VOCs were detected in groundwater. The most

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recent sampling event took place in spring 2008; the next sampling event will take place in fall 2009.

• Monthly, quarterly, or semi-annual groundwater elevation monitoring at the wells referenced in Table 2.

The fall 2008 sampling event was initiated by GE on October 20, 2008 and completed on October 23, 2008. The GMA 4 interim groundwater quality monitoring program activities performed in fall 2008 are summarized in Table 1.

1.3 Format of Document

The remainder of this report is presented in four sections. Section 2 describes the activities performed under the interim monitoring program at GMA 4 in summer and fall 2008. Section 3 presents the analytical results obtained during the fall 2008 groundwater sampling event and the results from PGC's bedrock supply well sampling. 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 fall 2008 activities, including a comparison to those Performance Standards. A comparison of the recent monitoring results to the prior OPCA-related monitoring data is also provided. Section 5 describes proposed program modifications, and Section 6 presents the schedule for future field and reporting activities related to groundwater quality at GMA 4, including a proposal to submit a *Baseline Assessment Final Report and Long-Term Monitoring Program Proposal for Groundwater Management Area 4* (GMA 4 LTMP Proposal).

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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 measurement of groundwater levels and the collection and analysis of groundwater samples at select monitoring wells within GMA 4, as described on Tables 1 and 2, and depicted on Figure 2. The construction details of the wells that were monitored and/or sampled at GMA 4 in fall 2008 are provided in Table 3. This section discusses the field procedures used to measure site groundwater levels, check for the presence of NAPL, and collect groundwater samples, as well as the methods used to analyze the groundwater samples. All activities were conducted in accordance with GE's approved *Field Sampling Plan/Quality Assurance Project Plan* (FSP/QAPP).

2.2 Groundwater Level Measurement and LNAPL Monitoring

Groundwater elevations were measured at the wells shown in Table 2 and all data collected during fall 2008 are summarized in Table A-1 of Appendix A. The summer groundwater elevation monitoring event was performed on July 23, 2008, and the fall 2008 groundwater elevation monitoring event at GMA 4 was conducted on October 29 and 31, 2008. The fall 2008 groundwater elevations were, on average, approximately 1.15 foot higher than the elevations measured during the prior fall monitoring round in 2007 at water table wells measured during both monitoring events. However, as discussed below, groundwater elevations were significantly lower at two monitoring wells installed closest to the two former sewer lines in this area, as compared to the original wells that were monitored while those sewer lines were in use. Table 4 summarizes the groundwater elevation monitoring data for the two monitoring events. The groundwater elevation data shown in that table were subsequently used to prepare groundwater elevation contour maps of the summer 2008 and fall 2008 groundwater monitoring events (Figures 3 and 4).

As directed in EPA's November 14, 2006 conditional approval letter for the *GMA 4 Groundwater Quality Monitoring Interim Report for Spring 2006*, and initiated in fall 2007, GE has continued to include in GMA 4 submittals any EPA-generated groundwater elevation and/or analytical data from EPA-installed monitored piezometers PZ-1, PZ-2, PZ-3, and PZ-4, along with data from existing monitoring well SCH-1 located on or adjacent to the Allendale School property. The locations of these wells and piezometers are shown on Figure 2, and the EPA-generated groundwater elevation data from these locations are shown on Figures 3 and 4. The quarterly monitoring rounds for GMA 4 were coordinated with EPA so that both EPA-monitored and GE-monitored wells were gauged on the same day.

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As shown on these figures, the groundwater flow directions are generally consistent with those observed during previous seasonal monitoring events. A comparison of the groundwater contour maps with the top of till contour map (Figure 5) shows that groundwater elevations are generally correlated to changes in the elevation of the glacial till interface. Specifically, groundwater generally flows from north to south, although variations exist corresponding to changes in the topography of the ground surface and/or the glacial till interface, including a prominent groundwater depression extending from northwest to southeast across the western portion of the GMA. Well GMA4-6 is located within this depression along the northern portion of GMA 4.

After the completion of the sewer re-routing project in GMA 4 in spring 2008, wells OPCA-MW-1RR and OPCA-MW-2R were installed as replacements for wells OPCA-MW-1R and OPCA-MW-2. After installation in July 2008, these wells were monitored as part of the GMA 4 monitoring program. The groundwater elevations in both of these wells, particularly in OPCA-MW-1RR, were significantly lower than those measured in the previous year in the wells that were replaced. In July 2008, the groundwater elevations at OPCA-MW-1RR and OPCA-MW-2R were 13.14 feet and 5.62 feet lower, respectively, than those seen in the corresponding wells in July 2007. Similarly, in fall 2008, groundwater elevations at wells OPCA-MW-1RR and OPCA-MW-2R were 12.2 feet and 4.26 lower, respectively, than the elevations in the corresponding wells in fall 2007. As previously stated, despite the apparent decreases in these particular areas, the overall groundwater flow patterns were consistent with prior years. GE will continue to monitor wells OPCA-MW-1RR and OPCA-MW-2R to evaluate groundwater flow conditions in the vicinity of the relocated sewer lines.

The EPA monitoring data from the Allendale School property are consistent with the GE GMA 4 data. Groundwater elevations are highest at the northernmost well adjacent to the school (SCH-1) and decrease from north to south (i.e., groundwater flows from the Allendale School property toward GMA 4). The piezometers located in the southern portion of the Allendale School property each had higher groundwater elevations than the nearest wells on the northern edge of GMA 4, providing further confirmation that GMA 4 is downgradient from the Allendale School property. This is consistent with the groundwater contours presented in the spring 2008 GMA 4 Interim Monitoring Report.

Prior to June 2003, weekly groundwater and LNAPL measurements were collected at well H78B-8R. If present, LNAPL was recovered and properly disposed. In June 2003, well H78B-8R was decommissioned in order to accommodate the expansion of the Hill 78 OPCA. This well (H78B-8R) was the only location within GMA 4 where NAPL had been encountered. Since the removal of well H78B-8R, particular attention has been given to well OPCA-MW-2 (until its decommissioning in October 2007), replacement well OCPA-MW-2R (following installation in July 2008) and well OPCA-MW-3 (located downgradient from former well H78B-8R) when groundwater measurements and samples were obtained.

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In addition, well GMA4-3 has been monitored on a monthly basis since April 2005 to assess the extent of LNAPL observed at GMA 3, located to the east of GMA 4. No NAPL has ever been observed at any of these GMA 4 monitoring wells.

The results of all groundwater elevation/NAPL monitoring activities performed during fall 2008 are summarized in Appendix A. As noted above, well measurements indicate that NAPL has not been encountered in any of the GMA 4 wells monitored and/or sampled during fall 2008.

2.3 Groundwater Sampling and Analysis

2.3.1 GMA 4 Sampling

The fall 2008 interim sampling event was performed between October 20 and 23, 2008 at 14 groundwater monitoring wells, which include 12 groundwater monitoring wells associated with the OPCA monitoring program. The pump intake depth and type of pump used during the fall 2008 sampling event are identified on the sampling records contained in Appendix B. Per Condition 1 of EPA's January 27, 2009 approval letter of the Spring 2008 GMA 4 Groundwater Quality Interim Monitoring Report (GMA 4 Spring 2008 Interim Report), GE has also included the river stage of the East Branch of the Housatonic River measured at Coltsville station in Appendix A (Tables A-1 and A-2, respectively).

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. Each monitoring well that was sampled was purged utilizing low-flow sampling techniques until field parameters (including temperature, pH, specific conductivity, turbidity, dissolved oxygen, and, oxidation-reduction potential) stabilized prior to sample collection. Field parameters were measured in combination with the sampling activities at the monitoring wells. The field parameter measurements are presented in Table 5 and the field sampling records are provided in Appendix B.

A general summary of the stabilized field measurement results recorded during the fall 2008 monitoring event is provided below.

Parameter	Units	Range of Stabilized Readings
Temperature	Degrees Celsius	6.59 to 14.56
рН	pH units	6.53 to 7.71
Specific Conductivity	Millisiemens per centimeter	0.538 to 2.241
Turbidity	NTUs	2 to 28
Dissolved Oxygen	Milligrams per liter	0.13 to 8.67
Oxidation-Reduction Potential	Millivolts	-171.50 to 116.20

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As shown above and in Table 5 for this sampling event, none of the groundwater samples extracted from the monitoring wells had turbidity levels greater than the target level of 50 NTU upon stabilization. These results indicate that the sampling and measurement procedures utilized during this sampling event were effective in obtaining representative groundwater samples with low turbidity. Also, the range of pH for this sampling event was from 6.53 to 7.71, which is within the range of 5 to 8.5 typically observed in groundwater.

The collected groundwater samples were submitted to SGS Environmental Services, Inc. (SGS) of Wilmington, North Carolina for laboratory analysis. All groundwater samples collected during this sampling event were submitted for analysis of the following constituents using the associated EPA methods:

Constituent	EPA Method
VOCs	8260B
SVOCs	8270C
PCBs (Filtered Samples)	8082
Polychlorinated Dibenzo-p-dioxins and Polychlorinated Dibenzofurans (PCDDs/PCDFs)	8290
Metals (Filtered Samples)	6010B, 7000A, and 7470A
Physiologically Available Cyanide (Filtered Samples)	9014/MDEP PAC Protocol
Sulfide	9034

Following receipt of the analytical data on the GE samples 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.

GE's fall 2008 interim groundwater quality sampling data were validated in accordance with the FSP/QAPP. As discussed in the validation report provided in Appendix F, 99.9% of the fall 2008 groundwater quality data are considered to be useable, which is greater than the minimum required usability of 90% as specified in the FSP/QAPP. The SVOC, PCB, PCDD/PCDF, inorganic, cyanide, and sulfide sample results were found to be 100% usable. VOC sample results were found to be 99.9% usable. The only rejected datum was one VOC sample result from well 78-1, where the 2-chloroethylvinylether result was rejected due to MS/MSD recovery deviations.

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2.3.2 Pittsfield Generating Company Sampling

In accordance with PGC's existing permitted program, personnel acting on behalf of PGC currently collect groundwater samples for analysis of VOCs and PCBs from PGC's deep bedrock groundwater extraction well (well ASW-5, screened at approximately 441 to 457 feet below ground surface). This well serves as the primary source of cooling water for the PGC plant. GE has included the analytical results provided on behalf of PGC for samples collected from ASW-5 on December 2, 2008 in this report, as well as a comparison of these data to historical results. A summary of well ASW-5 monitoring results is provided in Table E-1 within Appendix E. These results are discussed in Section 3.3.

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3. Fall 2008 Groundwater Analytical Results

3.1 General

A description of the fall 2008 groundwater analytical results is presented in this section. Tables 6 and 7 provide a comparison of the concentrations of detected constituents with the applicable GW-2 and GW-3 groundwater quality Performance Standards established in the CD and SOW (for wells where those respective standards apply), while Table 8 presents a comparison of the concentrations of detected constituents with the UCLs for groundwater (for all wells sampled in fall 2008). Table C-1 in Appendix C provides the complete analytical data set (constituents detected and not detected) for the groundwater samples analyzed during this sampling event. 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 fall 2008 analytical results from the GMA 4 groundwater quality monitoring wells for each constituent group that was analyzed.

3.2.1 VOC Results

A total of 12 groundwater samples were collected and analyzed for VOCs during the fall 2008 sampling event. The VOC analytical results are summarized in Table 8 and Table C-1 (within Appendix C). No VOCs were detected in wells 78-1, 78-6, GMA4-6, OPCA-MW-3, OPCA-MW-6, OPCA-MW-7, or OPCA-MW-8. At the five wells where VOCs were detected, total VOC concentrations ranged from an estimated concentration of 0.00021 ppm (at well H78B-15) to a concentration of 3.6 ppm (at well OPCA-MW-1RR). A total of six individual VOCs were detected in one or more wells. Chlorobenzene, and tetrachloroethene (PCE) were the most frequently detected VOCs (detected in two wells each). Chlorobenzene was detected in wells OPCA-MW-5R and OPCA-MW-4 in estimated concentrations of 0.00011 ppm and 0.00017 ppm, respectively. Tetrachloroethene was detected at concentrations of 0.00030 ppm (well OPCA-MW-2R) and 3.6 ppm (well OPCA-MW-1RR). 1,1,1-Trichloroethane (estimated concentration of 0.00013 ppm at well OPCA-MW-2R), chloroform (estimated concentration of 0.00021 ppm at well H78B-15), methylene chloride (estimated concentration of 0.00022 ppm at OPCA-MW-5R), and trichloroethene (concentration of 0.0016 ppm at well OPCA-MW-4) were also detected during the fall 2008 sampling round.

3.2.2 SVOC Results

A total of 12 groundwater samples were collected and analyzed for SVOCs during the fall 2008 sampling event. The SVOC analytical results are summarized in Table 8 and Table

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C-1 (within Appendix C). Bis(2-ethylhexyl)phthalate, a common laboratory contaminant, was detected in three wells (GMA 4-6, H78B-15, and OPCA-MW-8) at estimated concentrations of 0.00072 to 0.001 ppm, respectively). No SVOCs were detected in any of the remaining wells analyzed for this constituent group in fall 2008.

3.2.3 PCB Results

Filtered groundwater samples from fourteen wells were analyzed for PCBs as part of the fall 2008 sampling event. The PCB analytical results are summarized in Table 8 and Table C-1 (within Appendix C). No PCBs were detected in any monitoring wells during the fall 2008 sampling round.

3.2.4 PCDD/PCDF Results

Groundwater samples collected from 12 monitoring wells were analyzed for PCDDs/PCDFs during the fall 2008 sampling event. The analytical results summarized in Table 8 and Table C-1 (within Appendix C) show that individual PCDD/PCDF compounds were detected in six monitoring wells. 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, thus allowing TEQs to be developed for all wells, including the six wells where no PCDD/PCDF compounds were detected. Total TEQ concentrations ranged from 0.72x10⁻⁸ ppm (at wells 78-6 and H78B-15) to 1x10⁻⁸ ppm (at well OPCA-MW-4).

3.2.5 Inorganic Constituent Results

Filtered groundwater samples were obtained from 12 monitoring wells for analysis of metals and physiologically available cyanide during the fall 2008 sampling event. Unfiltered samples from the 12 wells were also analyzed for sulfide. The analytical results for these inorganic constituents are summarized in Table 8 and Table C-1 (within Appendix C). A total of nine inorganics were detected in the filtered samples and each location contained at least one inorganic constituent in its filtered samples. Barium was the most frequently detected inorganic (detected in nine wells), followed by lead (detected in 8 wells), and cadmium (detected in five wells). Other inorganics were detected in three or fewer wells. Sulfide was detected in seven unfiltered samples, at concentrations ranging from an estimated concentration of 1.0 ppm (OPCA-MW-7) to 1.40 ppm (at well OPCA-MW-6, though sulfide was not detected in the duplicate at this well).

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3.3 Pittsfield Generating Facility Sample Results

The results of the most recent deep bedrock groundwater sampling activities performed on behalf of PGC at industrial supply well ASW-5 (conducted in December 2008), along with data from prior sampling events, are summarized in Table E-1 of Appendix E. No VOCs or PCBs were detected in this well in December 2008.

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4. Assessment of Results

4.1 General

This report constitutes the tenth interim groundwater quality monitoring report for GMA 4, and is the sixteenth monitoring report submitted since commencement of the groundwater monitoring program associated with the OPCAs. The information presented herein is based on the laboratory results obtained during the fall 2008 groundwater sampling event, supplemented with historical groundwater analytical data when applicable.

4.2 Groundwater Quality Performance Standards

The Performance Standards applicable to response actions for groundwater at GMA 4 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 4 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 below ground surface (bgs) of 15 feet or less. Under the MCP, certain constituents present within GW-2 groundwater represent a potential source of 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 ultimately discharge to surface water. In accordance with the CD and SOW, all groundwater at GMA 4 is considered as GW-3.

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 4. The current MCP Method 1 GW-2 and GW-3 standards for the constituents detected in the fall 2008 sampling event are listed in Tables 6 and 7, respectively. For constituents for which Method 1 standards do not exist, the MCP provides procedures, known as Method 2, for developing

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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-3 groundwater.

On February 14, 2008 MDEP implemented revised Method 1 numerical standards for a number of constituents in groundwater, and those standards were utilized in the preparation of this report. In addition, in its July 30, 2008 conditional approval letter related to the *Groundwater Management Area 2 Long-Term Monitoring Program Addendum to Monitoring Event Evaluation Report for Fall 2007*, EPA specified that the low-range guidance values developed in that report for cobalt and copper should represent the Method 2 GW-3 standards for these metals at all of the GE Pittsfield GMAs. Accordingly, GE has utilized those Method 2 standards in its evaluation of the fall 2008 analytical results.

Based on consideration of the above points, the specific groundwater quality Performance Standards for GMA 4 consist of the following:

- 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

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- (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. The compliance points were initially identified in the GMA 4 Baseline Monitoring Proposal (although certain modifications were made subsequent to that proposal as a result of EPA requirements, findings during field reconnaissance of the selected wells, or replacement of certain wells during the course of the monitoring program) and are described further in Sections 4.3.1 (for GW-2 wells) and 4.3.2 (for GW-3 wells).

In addition to the Performance Standards described above, analytical results from all groundwater monitoring wells sampled during the fall 2008 sampling event were compared to the MCP UCLs for groundwater. Analytical results from wells included in the OPCA groundwater monitoring program were also compared to the 1999 baseline data and other prior OPCA-related monitoring data for those wells.

4.3 Groundwater Quality – Fall 2008

For the purpose of generally assessing current groundwater quality conditions, the analytical results from the fall 2008 groundwater sampling event were compared to the applicable groundwater Performance Standards for GMA 4. 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 and, for cobalt and copper, on the recently-developed Method 2 GW-3 standards for these two metals. The following subsections discuss the fall 2008 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 6 and 7 provide a comparison of the concentrations of the detected

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constituents with the current GW-2 and GW-3 standards, respectively, while Table 8 presents a comparison of the concentrations of detected constituents with the MCP UCLs for groundwater.

With regard to constituents that in the past were analyzed as either a filtered or unfiltered sample (i.e., PCBs and inorganics), all monitoring wells were sampled and analyzed in accordance with the approved interim program protocols during the fall 2008 sampling event, which provides for the collection of filtered data only for PCB and inorganic constituent analyses (except for sulfide, which is analyzed in unfiltered samples only). The filtered results are utilized for comparison to the MCP GW-3 standards while both the filtered and any unfiltered results are compared to the MCP UCLs for groundwater.

4.3.1 Fall 2008 Groundwater Results Relative to GW-2 Performance Standards

Groundwater samples were collected from three monitoring wells at GMA 4 that have been designated as GW-2 monitoring wells and will be compliance points for the GW-2 standards (H78B-15, OPCA-MW-4, and OPCA-MW-5R), and from three other wells compared to GW-2 criteria (wells GMA4-2, GMA4-3, and OPCA-MW-1RR). The fall 2008 groundwater analytical results for the detected constituents within these six wells were compared to the MCP Method 1 GW-2 standards as presented in Table 6. In light of the new MCP Method 1 GW-2 for PCBs, a comparison of the filtered PCB results from these wells to the new GW-2 PCB standard was also performed. As noted in EPA's January 27, 2009 conditional approval letter of GE's GMA 4 Interim Report for Spring 2008, MDEP has informed EPA that the use of filtered samples for evaluation of MCP GW-2 standards for PCBs is appropriate. As such, GE, with the concurrence of EPA, used the analysis of filtered PCB samples for comparison to the GW-2 standard.

During this sampling round, at well OPCA-MW-1RR, a concentration of 3.6 ppm of tetrachloroethene was detected, compared to the GW-2 standard of 0.05 ppm. At other wells compared to GW-2 standards, there were no other exceedances of those standards. 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 within 30 feet of a school or occupied residential structure, and a potential trigger level, if seen at a well where the GW-2 standards had previously been exceeded, for the proposal of interim response actions).

OPCA-MW-1RR has a GW-2 designation based on the designation of the original wells installed at this location (OPCA-MW-1, OPCA-MW-1R), as noted in the GE's July 2001 Baseline Monitoring Proposal for Plant Site 3 Groundwater Management Area, conditionally approved by EPA on December 28, 2001. However, replacement well OPCA-MW-1RR was installed after completion of the utility re-routing project within the groundwater management area. The depth to water during summer and fall 2008 ranged from 16.8 to 17.4 feet below ground surface, and, thus, was greater than the 15 feet below the ground

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surface criterion for a GW-2 well. Additionally, this well is also greater than 30 feet away from a building. Therefore, the newly installed well does not appear to meet the criteria for a GW-2 well. It should be noted that this is the first GW-2 exceedance at the OPCA-MW-1/1R/1RR location.

At well OPCA-MW-5R, no vinyl chloride was detected during this monitoring round compared to spring 2008, when a concentration of 0.012 ppm was detected at this well. This is consistent with previous events with the exception of the spring 2006 monitoring event, when concentrations of vinyl chloride had exceeded the GW-2 standard.

No PCBs were detected in wells GMA4-2 and GMA4-3 during fall 2008. These wells were added back into the interim monitoring program based on the new GW-2 standard for PCBs.

4.3.2 Fall 2008 Groundwater Results Relative to GW-3 Performance Standards

Groundwater samples were collected from 12 wells designated as GW-3 monitoring points during the fall 2008 groundwater sampling event. Four of these wells (H78B-15, OPCA-MW-1RR, OPCA-MW-4, and OPCA-MW-5R) are designated as GW-2 Sentinel/GW-3 general source area sentinel wells. Three of these wells (78-1, 78-6, and GMA 4-6) are GW-3 upgradient perimeter wells. Five wells (OPCA-MW-2R, OPCA-MW-3, and OPCA-MW-6 though OPCA-MW-8) are downgradient of the OPCA. The analytical results for the constituents detected in these wells were compared to the applicable MCP Method 1 GW-3 standards as presented in Table 7. No constituents were found at levels above their respective MCP Method 1 GW-3 standards in groundwater samples collected in fall 2008. As discussed above, Method 2 GW-3 standards for cobalt and copper have been developed and implemented at the GE-Pittsfield GMAs. Cobalt was detected at well 78-6 at an estimated concentration of 0.00372 ppm in fall 2008, which is well below the developed GW-3 standard of 0.075 ppm.

4.3.3 Comparison to Upper Concentration Limits

In addition to comparing the fall 2008 groundwater analytical results with applicable MCP Method 1 GW-2 and MCP Method 1 and 2 GW-3 standards, those results have also been compared with the MCP UCLs for groundwater specified in the MCP (310 CMR 40.0996(7)). These comparisons are presented in Table 8, which indicates that none of the constituents detected was above its respective UCL in any of the groundwater samples analyzed during the fall 2008 sampling event.

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4.3.4 Comparison to OPCA Baseline and Prior Groundwater Data

Groundwater samples were collected from 12 OPCA monitoring wells during the fall 2008 interim sampling event. Analytical data from the samples collected were compared to the results of the 1999 OPCA baseline investigation and, where relevant, to the results of more recent semi-annual monitoring events. The analytical data from the initial OPCA groundwater monitoring events conducted in 1999 and 2001 are summarized in Table D-1 within Appendix D, along with data collected during the most recent year of sampling. Graphs illustrating historical total VOC concentrations and filtered/unfiltered PCB concentrations for the OPCA wells over the duration of the groundwater monitoring program are also presented in Appendix D, along with graphs of historical concentrations of individual constituents where concentrations exceeded the applicable MCP Method 1 GW-2 or GW-3 standards or UCLs during at least one OPCA monitoring program sampling event. The results of these comparisons for each analytical constituent group (i.e., VOCs, SVOCs, PCBs, PCDDs/PCDFs, and inorganics) are discussed below.

With limited exceptions, the fall 2008 groundwater sampling results from the OPCA monitoring wells were consistent with those from the baseline round and/or recent sampling events (other than the spring 2006 PCB data, which, as discussed in the Spring 2007 GMA 4 Groundwater Monitoring Interim Report, and approved by EPA on October 22, 2007, appears to have been anomalous). With the exception of the exceedance of GW-2 standard of tetrachloroethene at well OPCA-MW-1RR (where, as discussed above, the GW-2 standard actually should not apply), all constituents were below the applicable UCLs, Method 1 GW-2 standards, and/or Method 1 GW-3 standards.

VOCs

Six VOCs were detected in the fall 2008 OPCA monitoring well samples. The most frequently detected VOCs (chlorobenzene and tetrachloroethene) were detected in two wells (OPCA-MW-4 and OPCA-MW-5R for chlorobenzene, OPCA-MW-1RR and OPCA-MW-2R for tetrachloroethene). Chlorobenzene was detected at estimated concentrations ranging from 0.00011 ppm (well OPCA-MW-5R) to 0.00017 ppm (well OPCA-MW-5R), which are well below the GW-2 standard of 0.2 ppm. Tetrachloroethene was detected at a concentration of 0.0030 ppm (OPCA-MW-2R), which is below the GW-3 standard of 30 ppm. However, at well OPCA-MW-1RR, tetrachloroethene was detected at a concentration of 3.6 ppm, which exceeds the GW-2 standard for this constituent (0.050 ppm) but is well below the MCP GW-3 criteria of 30 ppm. As discussed above, given the depth to groundwater at this well and the lack of nearby buildings, this well does not meet the criteria for a GW-2 well. Other VOCs detected in OPCA wells include 1,1,1-trichloroethane, chloroform, methylene chloride, and trichloroethene. None of these constituents was detected at concentrations above its respective GW-2 or GW-3 standard. Vinyl chloride

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was not detected in well OPCA-MW-5R during this monitoring round, providing further indication that the spring 2006 GW-2 exceedance for this constituent was anomalous.

These VOC results have been compared with the historical results as illustrated in the graphs provided in Appendix D and are generally consistent with the 1999 baseline sampling analytical results. As discussed below, GE plans to continue the OPCA groundwater monitoring program and to continue to monitor concentrations of these and other constituents in the OPCA wells.

SVOCs

One SVOC was detected in OPCA monitoring wells during the fall 2008 monitoring event. Bis(2-ethylhexyl)phthalate was detected in wells GMA4-6, H78B-15, and OPCA-MW-8 at estimated concentrations of 0.00072, 0.00010, and 0.00087 ppm, respectively. No other SVOCs were detected in the OPCA wells during this sampling round. This constituent, which is a common laboratory contaminant, was not detected above its applicable MCP Method 1 GW-3 standard.

PCBs

The fall 2008 analytical results for the OPCA groundwater monitoring program indicate that no PCBs were detected in any of the OPCA wells during the fall 2008 sampling event.

Other Appendix IX+3 Constituents

Low levels of PCDDs were observed in OPCA groundwater monitoring program well OPCA-MW-8, and trace levels of PCDFs were detected in seven wells (78-1, 78-6, H78B-15, OPCA-MW-4, OPCA-MW-5R, OPCA-MW-6, and OPCA-MW-8) during the fall 2008 sampling event. No PCDDs or PCDFs were detected in wells GMA4-6, OPCA-MW-1RR, OPCA-MW-2R, OPCA-MW-3, and OPCA-MW-7. As previously discussed in Section 3.2.4, TEQ values are calculated for each sample using WHO TEFs, incorporating values equal to one-half of the detection limit for non-detected PCDDs and PCDFs. The concentrations of these TEQ values are similar to those previously observed during the OPCA groundwater monitoring program and are also below the applicable UCL and GW-3 standard.

For inorganic constituents, minor variations in detected concentrations have been observed in several monitoring wells. These fluctuations have been observed during the course of the OPCA groundwater monitoring program and are considered typical for inorganic constituents in groundwater. There were no exceedances of applicable MCP Method 1 or, for copper and cobalt, Method 2 GW-3 standards observed in the OPCA wells during this sampling event for inorganic constituents.

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4.3.5 Pittsfield Generating Company Supply Well

As noted above, one groundwater sample obtained from the PGC deep bedrock industrial cooling-supply well ASW-5 was analyzed on behalf of PGC for VOCs and PCBs in accordance with its approved monitoring program. No constituents were detected in the most recent sample obtained from supply well ASW-5. A table and graphs summarizing the historical analytical results for this well are provided in Appendix E. As shown on those graphs, total VOC concentrations (consisting primarily of TCE) show a generally downward trend from fall 2003. This is the first time that no TCE has been detected in this well. None of the VOCs detected in this supply well have been observed at concentrations above the MCP Method 1 GW-3 standards. In addition, PCBs have not been detected in this well in any of the samples collected during this time frame.

4.4 Overall Assessment of Groundwater Analytical Results

Graphs illustrating historical total VOC concentrations and filtered/unfiltered PCB concentrations for all wells sampled in fall 2008 are presented in Appendix D. In addition, Appendix D contains graphs of historical concentrations of individual constituents at monitoring wells where concentrations exceeded the applicable current MCP Method 1 GW-2 or GW-3 standards or UCLs during one or more of the prior baseline, interim, or OPCA monitoring program sampling events.

Based on a review of the concentration vs. time graphs presented in Appendix D, VOCs have not been detected or have remained at low levels in the majority of the wells that have been monitored, with the exception of certain wells located within the groundwater depression extending from northwest to southeast beneath the Hill 78 OPCA and PGC facility, where varying concentrations of certain chlorinated VOCs have been observed.

With the exception of tetrachloroethene at newly installed well OPCA-MW-1RR, all constituents detected in GMA 4 in fall 2008 were at levels below the applicable Method 1 GW-2 standards, Method 1 or 2 GW-3 standards, and/or UCLs for groundwater, and, as noted above, that well does not satisfy the criteria for a GW-2 well. As shown in Appendix D, with the exception noted above, the data collected in fall 2008 is consistent with prior data.

4.5 NAPL Monitoring Results

NAPL monitoring was conducted during all groundwater elevation monitoring activities conducted in fall 2008. NAPL was not observed in any of the GMA 4 monitoring wells monitored during this time period, including well OPCA-MW-3, which is located downgradient of the only known occurrence of NAPL at this GMA (i.e., at well H78B-8R, which was decommissioned as part of the OPCA construction). In addition to the semi-

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annual groundwater elevation/NAPL monitoring event, GE continued monthly groundwater elevation/NAPL monitoring at well GMA4-3 to verify that LNAPL has not migrated from GMA 3 to the western side of Plastics Avenue. The results of this monitoring are provided in Appendix A (along with all other monitoring data collected in fall 2008). LNAPL has not been detected at well GMA4-3 since monthly monitoring was initiated in April 2005. GE plans to continue to monitor well GMA4-3 on a monthly basis for the presence of LNAPL and will include those results, along with any proposals to address the monitoring results, in the future groundwater quality reports for GMA 3 and GMA 4.

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5. Proposed Monitoring Program Modifications

5.1 General

In fall 2008, GE conducted the tenth event of the interim groundwater monitoring program. The fall 2008 monitoring event also included the OPCA groundwater monitoring program, which will be continued until closure of the OPCAs. Monthly, quarterly, or semi-annual groundwater elevation monitoring was also conducted at specific wells, as shown in Table 2.

GE has reviewed the groundwater analytical data from this sampling event for results that would indicate the need to modify the interim monitoring program. The fall 2008 data are generally consistent with prior monitoring events, with the exception of the tetrachloroethene reading at new well OPCA-MW-1RR.

The SOW requires that interim response actions be proposed at locations where samples exceed the Method 1 GW-2 standards at GW-2 compliance wells in which: (a) such an exceedance had not previously been detected, or (b) there was a previous exceedance of the Method 1 GW-2 standard and the groundwater concentration is greater than or equal to 5 ppm total VOCs (if the exceedance was not previously addressed). These interim response actions may include: (1) further assessment activities, such as resampling, increasing the sampling frequency to quarterly, additional well installation, soil gas sampling, desk-top modeling of potential volatilization of chemicals from groundwater to the indoor air of nearby occupied buildings, and/or sampling of the indoor air of such buildings; (2) active response actions; and/or (3) the conduct of a site-specific risk evaluation and/or proposal of alternative risk-based GW-2 Performance Standards.

For monitoring well OPCA-MW-1RR, although the results are being compared to the Method 1 GW-2 standards, it appears that the well should not be classified as a GW-2 well as it is located at a distance much greater than 30 feet from an occupied building, and the groundwater elevations at the new well are greater than 15 feet below ground. Regardless, to further assess the PCE concentrations of this well, GE proposes to continue to monitor this well on a semi-annual basis under the OPCA monitoring program. In addition, groundwater elevation data will continue to be collected at this well to further evaluate depth of groundwater and GW-2 applicability.

5.2 Proposed Program Modifications

Condition 3 of EPA's January 27, 2009 conditional approval letter for GE's GMA 4 Interim Report for Spring 2008 states that the OPCA monitoring wells will be treated differently than other wells at GMA 4 for purposes of long-term groundwater monitoring. Upon receipt of EPA comments to GE's August 15, 2008 submittal of the *Hill 78 and Building 71 on-plant*

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Consolidation Areas Post-Removal Site Control Plan, GE will address any differing requirements that are implemented.

Per Condition 4 of EPA's January 27, 2009 conditional approval letter for GE's GMA 4 Interim Report for Spring 2008, GE proposes to install a monitoring well couplet downgradient of GMA 4 to assess possible migration of constituents deeper in the water column. Two monitoring wells (to be designated as GMA4-7S and GMA4-7D for the shallow and deep wells, respectively) are proposed to be installed to evaluate downgradient flow from the southern portion of GMA-4 toward the Housatonic River. The approximate well locations are shown on Figure 6. The shallow well will be screened to intersect the top of the water table. The deep well will have a screened interval that reaches the till interface (if encountered) or will be screened at a depth of 10- to 20-feet below the top of the water table, if the till is greater than 20 feet below the water table. If the till interface is sufficiently shallow, such that a single well screened from the top of the groundwater table to the top of the till interface can be utilized, GE may install a single well subject to EPA approval. GE proposes to monitor groundwater elevations at the newly installed well couplet, and wells OJ-MW-1 (GMA 2) and GMA4-5 (Commercial Street Site) on a semi-annual basis. In addition, GE proposes to sample these wells on the same schedule as interim monitoring program wells H78B-16 and H78B-17R. These wells are sampled on an annual basis, alternating between spring and fall seasons each year. The most recent sampling event was conducted in spring 2008, and the next sampling round is currently scheduled for fall 2009.

Condition 3 of EPA's April 23, 2008 conditional approval letter of the *GMA 4 Groundwater Quality Monitoring Interim Report for Fall 2007* required GE to collect quarterly GMA 4 groundwater elevation data through fall 2008 synchronous with EPA's collection of groundwater elevation data at the adjacent Allendale School property. The groundwater data for summer and fall 2008 are presented in this report; the groundwater data for winter 2007/2008 and spring 2008 were presented in the *GMA 4 Groundwater Quality Monitoring Interim Report for Spring 2008.* Groundwater elevation data from all four events consistently showed that GMA 4 is downgradient of the Allendale School property and that the general groundwater flow pattern at GMA 4 is consistent from season to season. Therefore, GE proposes to discontinue all quarterly groundwater elevation monitoring events at GMA 4 and return to a semi-annual monitoring schedule. GE will continue to coordinate those semi-annual monitoring events with any future EPA monitoring events at the Allendale School property.

In fall 2008, GE completed soil removal activities at Hill 78 remainder, as proposed in GE's *Final Removal Design/Removal Action (RD/RA) Work Plan for Hill 78 Area- Remainder* and *Addendum to Final RD/RA Work Plan for Hill 78 Area-Remainder* conditionally approved by EPA on August 20, 2008 and October 28, 2008, respectively. GE's *Conceptual Removal Design/Removal Action Work Plan for Unkamet Brook Area-West,* submitted to EPA on

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February 12, 2009, proposes only limited re-paving work in the portion of the Unkamet Brook Area west of Plastics Avenue, which is in part of GMA 4. Therefore, although certain site restoration activities remain to be performed, the soil-related Removal Actions are essentially complete at the RAAs that comprise GMA 4. As such, GE proposes to submit the *Baseline Assessment Final Report and Long-Term Monitoring Program Proposal for Groundwater Management Area 4* (GMA 4 LTMP Proposal) in lieu of the *Groundwater Quality Monitoring Interim Report for Spring 2009*. The GMA 4 LTMP Proposal will include the spring 2009 sampling results and OCPA related evaluations of the data, as well as an evaluation the overall groundwater quality at the GMA 4 pursuant to the requirements of Attachment H of the SOW, and a proposal for long-term groundwater quality monitoring activities.

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6. Schedule of Future Activities

This section summarizes the schedule for upcoming monitoring events at GMA 4 and associated reporting activities. Specifically, this section provides a schedule for the upcoming spring 2009 interim monitoring/sampling event and proposed reporting activities. A summary of the spring 2009 interim sampling program is provided in Table 9. The wells scheduled to be monitored in spring 2009 are part of the OPCA monitoring program and will be sampled as identified in Table 9. In addition, semi-annual sampling will continue at wells GMA4-2 and GMA4-3 to evaluate compliance with the new GW-2 standard for PCBs.

6.1 Field Activities Schedule

Following EPA approval of the proposal contained in Section 5.2, GE will install well couple GMA4-7S/GMA4-7D in spring 2009 (depending on obtaining site access), and will initiate sampling activities at this location (along with wells GMA4-5 and OJ-MW-1) in fall 2009.

GE anticipates that the spring 2009 interim sampling event will take place in April 2009. Semi-annual sampling and analyses will be performed at the 12 OPCA groundwater monitoring program wells. GE will also continue its semi-annual sampling and PCB analysis of filtered samples from GW-2 monitoring wells GMA4-2 and GMA4-3. Analyses of groundwater samples will be performed according to the requirements of the OPCA groundwater monitoring program, as listed in Table 9.

Assuming EPA approval of GE's proposal to discontinue quarterly monitoring activities at GMA 4, groundwater elevations from select wells will be monitored on a semi-annual basis, with future monitoring rounds conducted during the months of April and October at all baseline wells that have been retained for semi-annual groundwater elevation monitoring. GE will include the monitoring data from GMA 2 well OJ-MW-1 and Commercial Street Site well GMA 4-5 in future reports. Well GMA4-3 will continue to be monitored for NAPL on a monthly basis throughout spring 2009.

Prior to performance of these field activities, GE will provide EPA with 7 days advance notice to allow: (1) the assignment of field oversight personnel; (2) preparations to split samples with EPA's contractor; and (3) the collection by EPA of groundwater levels at the Allendale wells in conjunction with GE's groundwater elevation monitoring activities at GMA 4 (if desired).

GMA 4 – Groundwater Quality Monitoring Interim Report for Fall 2008

General Electric Company Pittsfield, Massachusetts

6.2 Reporting Schedule

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

GE proposes to submit a *Baseline Assessment Final Report and Long-Term Monitoring Program Proposal for Groundwater Management Area 4*, which will include the results of the spring 2008 sampling and monitoring events, by August 30, 2009, in accordance with the standard interim reporting schedule approved by EPA. That report will present the final, validated spring 2009 interim sampling results, including a summary of data from other groundwater-related activities conducted at GMA 4 between January 2009 and July 2009, a discussion of those results, and the GMA 4 LTMP proposal. The GMA 4 LTMP proposal will include the requirements as specified in Section 6.3.2 of Attachment H of the SOW.

Tables

Table 1 Groundwater Quality Monitoring Program Summary

Groundwater Quality Monitoring Interim Report for Fall 2008 Groundwater Management Area 4 General Electric Company - Pittsfield Massachusetts

Well Number	Monitoring Well Usage	Sampling Schedule	Analyses	Comments
78-1	GW-3 Perimeter (Upgradient)/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX ^(1,2)	Sampled in Fall 2008
78-6	GW-3 Perimeter/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX ^(1,2)	Sampled in Fall 2008.
GMA4-2	GW-2 Sentinel	Semi-Annual	PCB ⁽²⁾	Sampled in Fall 2008
GMA4-3	GW-2 Sentinel	Semi-Annual	PCB ⁽²⁾	Sampled in Fall 2008
GMA4-6	GW-3 Perimeter (Upgradient)/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX ^(1,2)	Sampled in Fall 2008
H78B-15	GW-2 Sentinel/GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX ^(1,2)	Sampled in Fall 2008
H78B-16	Supplemental Well for TCE Evaluation	Annual	VOC	Sampling of these two wells is to be conducted on an annual basis, alternating between the spring and fall seasons each year. The most recent sampling event
H78B-17R	GW-3 Perimeter (Downgradient)	Annual	VOC	was conducted in spring 2008, and the next scheduled sampling will be fall 2009.
OPCA-MW-1RR	GW-2 Sentinel/GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX ^(1,2)	Installed in July 2008 to replace well OPCA-MW-1R. Sampled in Fall 2008
OPCA-MW-2R	GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX ^(1,2)	Installed in July 2008 to replace well OPCA-MW-2. Sampled in Fall 2008
OPCA-MW-3	GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX ^(1,2)	Sampled in Fall 2008
OPCA-MW-4	GW-2 Sentinel/GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX ^(1,2)	Sampled in Fall 2008
OPCA-MW-5R	GW-2 Sentinel/GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX ^(1,2)	Sampled in Fall 2008
OPCA-MW-6	GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX ^(1,2)	Sampled in Fall 2008
OPCA-MW-7	GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX ^(1,2)	Sampled in Fall 2008
OPCA-MW-8	GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX ^(1,2)	Sampled in Fall 2008

Notes:

2. Per the interim monitoring program protocols, analyses for PCBs, metals, and cyanide are performed on filtered samples only.

Table 2 Groundwater Elevation Monitoring Program Summary

Groundwater Quality Monitoring Interim Report for Fall 2008 Groundwater Management Area 4 General Electric Company - Pittsfield Massachusetts

Well Number	Monitoring Schedule
60B-R	Semi-Annual
78-1	Quarterly
78-2	Quarterly
78-3	Semi-Annual
78-4	Semi-Annual
78-5R	Semi-Annual
78-6	Quarterly
GMA4-1	Semi-Annual
GMA4-2	Semi-Annual
GMA4-3	Monthly
GMA4-4	Quarterly
GMA4-6	Quarterly
H78B-13R	Semi-Annual
H78B-15	Semi-Annual
H78B-16	Semi-Annual
H78B-17R	Semi-Annual
NY-3	Quarterly
NY-4	Quarterly
OPCA-MW-1RR	Quarterly
OPCA-MW-2R	Quarterly
OPCA-MW-3	Quarterly
OPCA-MW-4	Quarterly
OPCA-MW-5R	Quarterly
OPCA-MW-6	Quarterly
OPCA-MW-7	Quarterly
OPCA-MW-8	Quarterly
RF-14	Semi-Annual
RF-15	Semi-Annual
SCH-4	Quarterly
UB-MW-5	Semi-Annual
UB-MW-6	Semi-Annual
East Street Area 2 - North (Groundwater Mana	gement Area 1) Adjacent to GMA 4
ES1-20	Semi-Annual
Allendale School Property Monitoring Wells/P	iezometers Adjacent to GMA 4 (see note 2)
PZ-1	Quarterly
PZ-2	Quarterly
PZ-3	Quarterly
PZ-4	Quarterly
SCH-1	Quarterly

Note:

- 1. The listed monitoring wells are monitored for groundwater elevation and NAPL presence at the frequencies shown.
- 2. The Allendale School Property Monitoring Wells/Piezometers are monitored by EPA.

Table 3Monitoring Well Construction Summary

Groundwater Quality Monitoring Interim Report for Fall 2008 Groundwater Management Area 4 General Electric Company - Pittsfield Massachusetts

Monitoring Well Number	Survey Co Northing	oordinates Easting	Well Diameter (in)	Ground Surface Elevation (ft AMSL)	Measuring Point Elevation (ft AMSL)	Depth to Top of Screen (ft BGS)	Screen Length (ft)	Top of Screen Elevation (ft AMSL)	Base of Screen Elevation (ft AMSL)
78-1	536143.95	136345.00	4.00	1,027.40	1,026.32	8.0	15.0	1,019.40	1,004.40
78-6	535917.90	135919.00	4.00	1,012.33	1,012.00	3.0	15.0	1,009.33	994.33
GMA4-2	536218.10	137516.40	2.00	1,006.22	1006.06	9.6	10.00	996.63	986.63
GMA4-3	536289.60	137999.80	2.00	1,004.14	1003.95	16.1	10.00	988.05	978.05
GMA4-6	535774.20	135658.40	2.00	1,009.62	1,009.12	3.0	10.0	1,006.62	996.62
H78B-15	535408.90	136705.20	0.75	1,009.80	1,012.68	6.0	10.0	1,003.80	993.80
H78B-16	535040.80	136495.50	0.75	996.00	999.33	4.0	10.0	992.00	982.00
H78B-17R	534996.00	136659.20	4.00	999.20	1,000.31	14.3	9.2	984.90	975.70
OPCA-MW-1RR	535367.60	135561.10	2.00	1,016.80	1,016.46	18.0	10.0	998.80	988.80
OPCA-MW-2R	353176.60	135892.10	2.00	1,016.80	1,018.84	10.0	15.0	1,006.80	991.80
OPCA-MW-3	535299.60	136188.90	2.00	1,015.30	1,014.83	18.0	10.0	997.30	987.30
OPCA-MW-4	535570.22	136222.55	2.00	1,019.20	1,018.67	12.0	10.0	1,007.20	997.20
OPCA-MW-5R	535630.68	136477.98	2.00	1,016.64	1,016.34	11.25	10.0	1,005.39	995.39
OPCA-MW-7	535673.73	136835.86	2.00	1,026.90	1,026.57	14.0	10.0	1,012.90	1,002.90
OPCA-MW-8	535989.21	136679.68	2.00	1,027.90	1,027.40	13.5	10.0	1,014.40	1,004.40
SCH-4	535377.40	135573.90	2.00	1,012.27	1,014.05	7.9	10.0	1,004.37	994.37

Table 3Monitoring Well Construction Summary

Groundwater Quality Monitoring Interim Report for Fall 2008 Groundwater Management Area 4 General Electric Company - Pittsfield Massachusetts

Monitoring Well Number	Survey Co Northing	oordinates Easting	Well Diameter (in)	Ground Surface Elevation (ft AMSL)	Measuring Point Elevation (ft AMSL)	Depth to Top of Screen (ft BGS)	Screen Length (ft)	Top of Screen Elevation (ft AMSL)	Base of Screen Elevation (ft AMSL)
East Street Area 2	- North (Ground	water Managem	ent Area 1) adja	acent to GMA 4					
ES1-20	535314.82	134924.90	0.75	997.82	1,001.56	6.0	10.0	991.82	981.82
Allendale School F	Property Monitor	ing Wells/Piezo	meters adjacen	t to GMA 4					
PZ-1	535900.23	135753.22	NA	NA	1,005.60	NA	NA	NA	NA
PZ-2	536112.14	135563.58	NA	NA	1,009.89	NA	NA	NA	NA
PZ-3	536396.28	135728.63	NA	NA	1,010.43	NA	NA	NA	NA
PZ-4	536116.06	136119.15	NA	NA	1,007.96	NA	NA	NA	NA
SCH-1	536574.57	135606.24	NA	NA	1,017.11	NA	NA	NA	NA
Commercial Street	Site - adjacent	to GMA 4		-	-				
GMA4-5	534525.10	136816.60	2.00	993.56	993.34	8.0	10.0	985.56	975.56

Notes:

- 1. ft AMSL Feet above mean sea level.
- 2. ft BGS Feet below ground surface.
- 3. NA Information not available.
- 4. ES1-20 is located in Groundwater Management Area 1, but also utilized as part of the GMA 4 groundwater elevation monitoring network.
- 5. GMA 4-5 is located on the Commercial Street site, but was monitored in fall 2008 and used for groundwater elevation contours.
- 6. OCPA-MW-1RR and OCPA-MW-2 were installed in July 2008 as replacements for wells OPCA-MW-1R and OPCA-MW-2.

Table 4 Groundwater Elevation Data - Summer/Fall 2008

Groundwater Quality Monitoring Interim Report for Fall 2008 Groundwater Management Area 4 General Electric Company - Pittsfield Massachusetts

Well Number	Date Measured	Groundwater Elevation ⁽¹⁾
Summer 2008 Monitoring Ev	vent	
78-1	7/23/2008	1,015.48
78-2	7/23/2008	1,025.81
78-6	7/23/2008	1,004.01
GMA4-3	7/23/2008	986.15
GMA4-4	7/23/2008	986.73
GMA4-6	7/23/2008	999.40
NY-3	7/23/2008	990.06
NY-4	7/23/2008	1,013.69
OPCA-MW-1RR	7/23/2008	1,000.01
OPCA-MW-2R	7/23/2008	995.68
OPCA-MW-3	7/23/2008	994.77
OPCA-MW-4	7/23/2008	1,006.52
OPCA-MW-5R	7/23/2008	1,004.66
OPCA-MW-6	7/23/2008	1,005.30
OPCA-MW-7	7/23/2008	1,010.77
OPCA-MW-8	7/23/2008	1,015.90
SCH-4	7/23/2008	1,004.95
East Street Area 2 - North ac	jacent to GMA 4	
ES1-20	7/23/2008	986.96
Allendale School Property M	Ionitoring Wells/Piezomet	ers
PZ-1	7/23/2008	1,001.29
PZ-2	7/23/2008	1,007.75
PZ-3	7/23/2008	1,008.04
PZ-4	7/23/2008	1,007.04
SCH-1	7/23/2008	1,011.15
Fall 2008 Monitoring Event		
060B-R	10/29/2008	986.81
78-1	10/29/2008	1016.67
78-2	10/29/2008	1024.28
78-3	10/31/2008	989.58
78-4	10/29/2008	986.01
78-5R	10/29/2008	992.66
78-6	10/29/2008	1005.91
GMA4-1	10/29/2008	989.17
GMA4-2	10/29/2008	992.73
GMA4-3	10/29/2008	986.02
GMA4-4	10/29/2008	986.89
GMA4-6	10/29/2008	1000.44
H78B-13R	10/29/2008	982.03
H78B-15	10/29/2008	998.14
H78B-16	10/29/2008	986.01
H78B-17R	10/29/2008	986.77
NY-3	10/29/2008	990.12
NY-4	10/29/2008	1015.39

Table 4 Groundwater Elevation Data - Summer/Fall 2008

Groundwater Quality Monitoring Interim Report for Fall 2008 Groundwater Management Area 4 General Electric Company - Pittsfield Massachusetts

Well Number	Date Measured	Groundwater Elevation (1)	
OPCA-MW-1RR	10/29/2008	999.42	
OPCA-MW-2R	10/29/2008	995.73	
OPCA-MW-3	10/29/2008	994.12	
OPCA-MW-4	10/29/2008	1006.41	
OPCA-MW-5R	10/29/2008	1004.66	
OPCA-MW-6	10/29/2008	1006.43	
OPCA-MW-7	10/29/2008	1007.47	
OPCA-MW-8	10/29/2008	1015.2	
RF-14	10/29/2008	991.56	
RF-15	10/29/2008	995.46	
SCH-4	10/29/2008	1007.62	
UB-MW-5	10/29/2008	993.48	
UB-MW-6	10/29/2008	998.73	
East Street Area 2 - North ad	ljacent to GMA 4		
ES1-20	10/29/2008	987.22	
Allendale School Property N	Ionitoring Wells/Piezometer	S	
PZ-1	10/29/2008	1,004.27	
PZ-2	10/29/2008	1,008.38	
PZ-3	10/29/2008	1,008.19	
PZ-4	10/29/2008	1,007.78	
SCH-1	10/29/2008	1,011.59	
Commercial Street Site - adj	acent to GMA 4		
GMA4-5	10/29/2008	981.49	

Notes:

1. The elevation shown is in feet above mean sea level.

2. The data shown above was utilized in the preparation of the Summer 2008 and Fall 2008 groundwater elevation contour maps for GMA 4. Other groundwater elevation data collected from July to December 2008 is provided in Appendix E.

Table 5Field Parameter Measurements - Fall 2008

Groundwater Quality Monitoring Interim Report For Fall 2008 Groundwater Mamangement Area 4 General Electric Company- Pittsfield, Massachusetts

Well Number	Temperature (deg. C)	pH (SU)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Oxidation- Reduction Potential (mV)
78-1	14.27	6.53	0.883	2	0.13	101.1
78-6	13.97	6.83	2.010	28	0.18	-50.0
GMA4-2	11.54	7.71	2.100	24	8.67	-171.3
GMA4-3	6.59	7.27	0.538	19	5.98	116.2
GMA4-6	13.48	6.75	1.240	2	0.14	80.1
H78B-15	13.53	6.53	1.681	5	4.84	-21.0
OPCA-MW-1RR	14.56	7.44	1.436	7	0.38	-63.3
OPCA-MW-2R	12.18	6.82	1.421	9	0.52	-69.0
OPCA-MW-3	11.57	6.53	0.622	4	0.51	105.0
OPCA-MW-4	14.10	6.94	1.151	3	1.16	-171.5
OPCA-MW-5R	12.64	6.62	0.97	4	0.15	7.1
OPCA-MW-6	10.57	7.09	0.565	2	2.79	-64.9
OPCA-MW-7	13.84	6.67	2.241	4	1.97	-44.6
OPCA-MW-8	12.79	7.67	0.895	3	4.83	-30.7

Notes:

1. Well parameters were generally monitored continuously during purging by low-flow techniques. Final parameter readings are presented.

2. NTU - Nephelometric Turbidity Units.

3. SU - Standard Units.

4. mS/cm - Millisiemens per centimeter.

5. mV - Millivolts.

6. mg/L - Milligrams per liter (ppm).

Table 6 Comparison of Groundwater Analytical Results to MCP Method 1 GW-2 Standards Groundwater Quality Interim Report for Fall 2008

Groundwater Management Area 4 General Electric Company - Pittsfield, Massachusetts (Results are presented in parts per million, ppm)

Sample ID Parameter Date Collected		GMA4-2 10/22/08	GMA4-3 10/22/08	H78B-15 10/23/08	OPCA-MW-1RR 10/20/08	OPCA-MW-4 10/20/08	OPCA-MW-5R 10/21/08
Volatile Organics			10/22/00		10/20/00	10/20/00	
Chlorobenzene	0.2	NA	NA	ND(0.0010)	ND(0.50)	0.00017 J	0.00011 J
Chloroform	0.05	NA	NA	0.00021 J	ND(0.50)	ND(0.0010)	ND(0.0010)
Methylene Chloride	10	NA	NA	ND(0.0050)	ND(2.5)	ND(0.0050)	0.00022 J
Tetrachloroethene	0.05	NA	NA	ND(0.0010)	3.6	ND(0.0010)	ND(0.0010)
Trichloroethene	0.03	NA	NA	ND(0.0010)	ND(0.50)	0.0016	ND(0.0010)
Total VOCs	5	NA	NA	0.00021 J	3.6	0.0018 J	0.00033 J
PCBs-Filtered			•				
None Detected							
Semivolatile Organics			•	•			
bis(2-Ethylhexyl)phthalate	Not Listed	NA	NA	0.0010 J	ND(0.0051)	ND(0.0052)	ND(0.0052)

Notes:

Samples were collected by ARCADIS and submitted to SGS Environmental Services, Inc. for analysis of Appendix IX+3 constituents.
 Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield,

Massachusetts, ARCADIS (approved March 15, 2007 and re-submitted March 30, 2007).

3. Only volatile, PCBs and semivolatile analysis is presented for the MCP Method 1 GW-2 Standards Comparison.

4. NA - Not Analyzed.

5. ND - Analyte was not detected. The number in parentheses is the associated detection limit.

Only those constituents detected in one or more samples are summarized.

7. -- Indicates that all constituents for the parameter group were not detected.

8. Total VOCs are being compared to the notification level in the SOW of 5 ppm, as there are no GW-2 standards for Total VOCs.

Shading indicates that value exceeds the Method 1GW-2 Standards.

Data Qualifiers:

Organics (volatiles, PCBs, semivolatiles)

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

Table 7Comparison of Groundwater Analytical Results to MCP Method 1 GW-3 StandardsGroundwater Quality Interim Report for Fall 2008

Sample ID:	Method 1 GW-3	78-1	78-6	GMA4-6
Parameter Date Collected:	Standards	10/23/08	10/22/08	10/23/08
Volatile Organics				
1.1.1-Trichloroethane	20	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chlorobenzene	1	ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloroform	20	ND(0.0010)	ND(0.0010)	ND(0.0010)
Methylene Chloride	50	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	30	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichloroethene	5	ND(0.0010)	ND(0.0010)	ND(0.0010)
PCBs-Filtered	-	()		
None Detected				
Semivolatile Organics				
bis(2-Ethylhexyl)phthalate	50	ND(0.0051)	ND(0.0051)	0.00072 J
Furans				0.000120
2,3,7,8-TCDF	Not Listed	0.00000010 J	ND(0.000000029)	ND(0.000000035)
TCDFs (total)	Not Listed	0.000000066	0.000000020	ND(0.0000000035)
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000051)	ND(0.0000000051)	ND(0.0000000051)
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000051)	ND(0.0000000051)	ND(0.0000000051)
PeCDFs (total)	Not Listed	0.0000000000000000000000000000000000000	0.0000000000000000000000000000000000000	ND(0.0000000051)
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.000000051)	ND(0.0000000051)	ND(0.0000000051)
1.2.3.6.7.8-HxCDF	Not Listed	ND(0.0000000051)	ND(0.0000000051)	ND(0.0000000051)
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.0000000051)	ND(0.0000000051)	ND(0.0000000051)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.0000000051)	ND(0.0000000051)	ND(0.0000000051)
HxCDFs (total)	Not Listed	ND(0.0000000051)	ND(0.0000000051)	ND(0.0000000051)
(*- *-*)	Not Listed	ND(0.000000051)	ND(0.000000051)	ND(0.000000051)
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.000000051)	ND(0.000000051)	ND(0.000000051)
1,2,3,4,7,8,9-HpCDF HpCDFs (total)		ND(0.000000058)	ND(0.0000000051)	ND(0.000000008)
OCDFs (total)	Not Listed Not Listed	ND(0.000000058)	ND(0.000000051)	ND(0.000000008)
Dioxins	Not Listed	ND(0.00000015)	ND(0.00000013)	ND(0.00000016)
2,3,7,8-TCDD	Not Listed	ND(0.000000030)	ND(0.000000025)	ND(0.000000033)
TCDDs (total)	Not Listed	ND(0.000000030)	ND(0.000000025)	ND(0.000000033)
		ND(0.00000000000000000000000000000000000	ND(0.0000000025)	ND(0.0000000051)
1,2,3,7,8-PeCDD	Not Listed		· · · · · · · · · · · · · · · · · · ·	(
PeCDDs (total)	Not Listed	ND(0.000000051)	ND(0.000000051) ND(0.000000051)	ND(0.000000051) ND(0.000000051)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.000000052)	ND(0.000000051)	ND(0.000000051)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.000000051)	(* * * * * * * * * /	(**************************************
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.000000051)	ND(0.000000051) ND(0.000000051)	ND(0.000000051) ND(0.000000051)
HxCDDs (total)	Not Listed	ND(0.000000052)	ND(0.0000000001)	ND(0.00000000000000000000000000000000000
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.000000086)		
HpCDDs (total) OCDD	Not Listed	ND(0.000000086) ND(0.000000019)	ND(0.000000071) ND(0.000000015)	ND(0.000000070) ND(0.000000019)
	Not Listed	(* * * * * * * * *)	(**************************************	(
Total TEQs (WHO TEFs)	0.0000001	0.000000084	0.000000072	0.000000077
Inorganics-Unfiltered Sulfide	Not I :- t	4.0.1		
	Not Listed	1.3 J	ND(1.00)	ND(1.00)
Inorganics-Filtered	0.0		0.00517.5	
Arsenic	0.9	ND(0.0100) J	0.00517 B J	ND(0.0100) J
Barium	50	ND(0.500)	0.0574 B	ND(0.500)
Cadmium	0.004	ND(0.00500)	ND(0.00500) J	ND(0.00500)
Cobalt	0.075	ND(0.0100) J	0.00372 B J	ND(0.0100) J
Lead	0.01	ND(0.0100) J	0.00684 B J	ND(0.0100) J
Selenium	0.1	ND(0.0200) J	ND(0.0200) J	0.00962 B J
Thallium	3	ND(0.0100)	ND(0.0100) J	0.00784 B
Vanadium	4	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	0.9	0.00549 B	ND(0.0500)	0.0154 B

Table 7 Comparison of Groundwater Analytical Results to MCP Method 1 GW-3 Standards Groundwater Quality Interim Report for Fall 2008

Parameter	Sample ID: Date Collected:	Method 1 GW-3 Standards	H78B-15 10/23/08	OPCA-MW-1RR 10/20/08	OPCA-MW-2R 10/20-10/21/08	OPCA-MW-3 10/22/08
Volatile Organi	cs				•	
1,1,1-Trichloroet		20	ND(0.0010)	ND(0.50)	0.00013 J	ND(0.0010)
Chlorobenzene		1	ND(0.0010)	ND(0.50)	ND(0.0010)	ND(0.0010)
Chloroform		20	0.00021 J	ND(0.50)	ND(0.0010)	ND(0.0010)
Methylene Chlor	ide	50	ND(0.0050)	ND(2.5)	ND(0.0050)	ND(0.0050)
Tetrachloroether		30	ND(0.0010)	3.6	0.0030	ND(0.0010)
Trichloroethene		5	ND(0.0010)	ND(0.50)	ND(0.0010)	ND(0.0010)
PCBs-Filtered		0		(0.00)		
None Detected						
Semivolatile Or	appies					
bis(2-Ethylhexyl)	•	50	0.0010 J	ND(0.0051)	ND(0.0053)	ND(0.0054)
	phthalate	50	0.0010 J	ND(0.0051)	ND(0.0053)	ND(0.0054)
Furans						
2,3,7,8-TCDF		Not Listed	ND(0.000000030)	ND(0.000000035)	ND(0.000000036)	ND(0.000000048)
TCDFs (total)	_	Not Listed	0.00000025	ND(0.000000035)	ND(0.000000036)	ND(0.000000048)
1,2,3,7,8-PeCDF		Not Listed	ND(0.000000051)	ND(0.000000053)	ND(0.000000052)	ND(0.000000054)
2,3,4,7,8-PeCDF	-	Not Listed	ND(0.000000051)	ND(0.000000053)	ND(0.000000052)	ND(0.000000054)
PeCDFs (total)		Not Listed	ND(0.000000051)	ND(0.000000053)	ND(0.000000052)	ND(0.000000054)
1,2,3,4,7,8-HxCI		Not Listed	ND(0.000000051)	ND(0.000000053)	ND(0.000000052)	ND(0.000000054)
1,2,3,6,7,8-HxCI		Not Listed	ND(0.000000051)	ND(0.000000053)	ND(0.000000052)	ND(0.000000054)
1,2,3,7,8,9-HxCI		Not Listed	ND(0.000000051)	ND(0.000000053)	ND(0.000000052)	ND(0.000000054)
2,3,4,6,7,8-HxCI	DF	Not Listed	ND(0.000000051)	ND(0.000000053)	ND(0.000000052)	ND(0.000000054)
HxCDFs (total)		Not Listed	ND(0.000000051)	ND(0.000000053)	ND(0.000000052)	ND(0.000000054)
1,2,3,4,6,7,8-Hp	CDF	Not Listed	ND(0.000000051)	ND(0.000000053)	ND(0.000000052)	ND(0.000000059)
1,2,3,4,7,8,9-Hp	CDF	Not Listed	ND(0.000000051)	ND(0.000000065)	ND(0.000000058)	ND(0.000000076)
HpCDFs (total)		Not Listed	ND(0.000000051)	ND(0.000000065)	ND(0.000000058)	ND(0.000000076)
OCDF		Not Listed	ND(0.00000011)	ND(0.00000015)	ND(0.00000013)	ND(0.00000025)
Dioxins			· · · · ·	• • • • •		· · ·
2.3.7.8-TCDD		Not Listed	ND(0.000000023)	ND(0.000000032)	ND(0.000000032)	ND(0.000000043)
TCDDs (total)		Not Listed	ND(0.000000023)	ND(0.000000032)	ND(0.000000032)	ND(0.000000043)
1,2,3,7,8-PeCDE)	Not Listed	ND(0.0000000051)	ND(0.000000053)	ND(0.000000052)	ND(0.000000054)
PeCDDs (total)	-	Not Listed	ND(0.0000000051)	ND(0.0000000053)	ND(0.0000000052)	ND(0.0000000054)
1,2,3,4,7,8-HxCI	מכ	Not Listed	ND(0.0000000051)	ND(0.000000053)	ND(0.0000000052)	ND(0.000000054)
1.2.3.6.7.8-HxC		Not Listed	ND(0.0000000051)	ND(0.000000053)	ND(0.0000000052)	ND(0.0000000054)
1,2,3,7,8,9-HxCI		Not Listed	ND(0.0000000051)	ND(0.000000053)	ND(0.0000000052)	ND(0.0000000054)
HxCDDs (total)		Not Listed	ND(0.000000051)	ND(0.000000053)	ND(0.000000052)	ND(0.000000054)
1,2,3,4,6,7,8-Hp	CDD	Not Listed	ND(0.0000000051)	ND(0.000000011)	ND(0.0000000083)	ND(0.000000012)
HpCDDs (total)	000	Not Listed	ND(0.0000000051)	ND(0.000000011)	ND(0.000000083)	ND(0.000000012)
OCDD		Not Listed	ND(0.000000013)	ND(0.000000018)	ND(0.000000016)	ND(0.00000030)
Total TEQs (WH		0.0000001	0.000000072	0.000000078	0.000000077	0.000000086
Inorganics-Unfi	/	0.0000001	0.000000072	0.000000078	0.000000011	0.000000000
	illerea	Not Listed	ND(1.00)	1.20	1.00	
Sulfide		Not Listed	ND(1.00)	1.20	1.00	ND(1.00)
Inorganics-Filte	erea					
Arsenic		0.9	ND(0.0100) J	0.00195 B J	ND(0.0100) J	ND(0.0100) J
Barium		50	ND(0.500)	0.0453 B	0.0435 B	0.0519 B
Cadmium		0.004	ND(0.00500)	0.00256 B J	0.00263 B J	ND(0.00500) J
Cobalt		0.075	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J
Lead		0.01	ND(0.0100) J	0.00395 B J	0.00420 B J	0.00564 B J
Selenium		0.1	0.00918 B J	ND(0.0200) J	ND(0.0200) J	ND(0.0200) J
Thallium		3	ND(0.0100)	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J
Vanadium		4	0.00587 B	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc		0.9	0.00439 B	ND(0.0500)	ND(0.0500)	ND(0.0500)

Table 7 Comparison of Groundwater Analytical Results to MCP Method 1 GW-3 Standards Groundwater Quality Interim Report for Fall 2008

	ample ID:	Method 1 GW-3	OPCA-MW-4	OPCA-MW-5R	OPCA-MW-6
	Collected:	Standards	10/20/08	10/21/08	10/21/08
Volatile Organics	oonootou.	otanuaruo	10/20/00	10/2 1/00	10/21/00
1,1,1-Trichloroethane		20	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Chlorobenzene		1	0.00017 J	0.00011 J	ND(0.0010) [ND(0.0010)]
Chloroform		20	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Methylene Chloride		50	ND(0.0050)	0.00022 J	ND(0.0050) [ND(0.0050)]
Tetrachloroethene		30	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Trichloroethene		5	0.0016	ND(0.0010)	ND(0.0010) [ND(0.0010)]
PCBs-Filtered		5	0.0010	ND(0.0010)	
None Detected					
Semivolatile Organics	10	50			
bis(2-Ethylhexyl)phthalat	te	50	ND(0.0052)	ND(0.0052)	ND(0.0052) [ND(0.0052)]
Furans					
2,3,7,8-TCDF		Not Listed	0.000000068 YJ	ND(0.000000044)	0.000000049 J [0.000000058 J]
TCDFs (total)		Not Listed	0.0000042	0.00000018	0.00000012 [0.00000014]
1,2,3,7,8-PeCDF		Not Listed	0.00000010 J	ND(0.000000052)	ND(0.000000053) [ND(0.000000051)]
2,3,4,7,8-PeCDF		Not Listed	0.000000067 J	ND(0.000000052)	ND(0.000000053) [ND(0.000000051)]
PeCDFs (total)		Not Listed	0.0000027	0.000000023	0.000000048 [0.000000052]
1,2,3,4,7,8-HxCDF		Not Listed	ND(0.000000053)	ND(0.000000052)	ND(0.000000053) [ND(0.000000051)]
1,2,3,6,7,8-HxCDF		Not Listed	ND(0.000000053)	ND(0.000000052)	ND(0.000000053) [ND(0.000000051)]
1,2,3,7,8,9-HxCDF		Not Listed	ND(0.000000053)	ND(0.000000052)	ND(0.000000053) [ND(0.000000051)]
2,3,4,6,7,8-HxCDF		Not Listed	ND(0.000000053)	ND(0.000000052)	ND(0.000000053) [ND(0.000000051)]
HxCDFs (total)		Not Listed	0.00000020	0.000000020	ND(0.000000053) [ND(0.000000051)]
1,2,3,4,6,7,8-HpCDF		Not Listed	ND(0.000000053)	ND(0.000000052)	ND(0.000000053) [ND(0.000000051)]
1,2,3,4,7,8,9-HpCDF		Not Listed	ND(0.000000055)	ND(0.000000057)	ND(0.000000053) [ND(0.000000057)]
HpCDFs (total)		Not Listed	ND(0.000000055)	ND(0.000000057)	ND(0.000000053) [ND(0.000000057)]
OCDF		Not Listed	ND(0.00000016)	ND(0.00000014)	ND(0.00000014) [ND(0.00000016)]
Dioxins					
2,3,7,8-TCDD		Not Listed	ND(0.000000026)	ND(0.000000033)	ND(0.000000034) [ND(0.000000032)]
TCDDs (total)		Not Listed	ND(0.000000026)	ND(0.000000033)	ND(0.000000034) [ND(0.000000032)]
1,2,3,7,8-PeCDD		Not Listed	ND(0.000000053)	ND(0.000000052)	ND(0.000000053) [ND(0.000000051)]
PeCDDs (total)		Not Listed	ND(0.000000053)	ND(0.000000052)	ND(0.000000053) [ND(0.000000051)]
1,2,3,4,7,8-HxCDD		Not Listed	ND(0.000000053)	ND(0.000000052)	ND(0.000000053) [ND(0.000000051)]
1,2,3,6,7,8-HxCDD		Not Listed	ND(0.000000053)	ND(0.000000052)	ND(0.000000053) [ND(0.000000051)]
1,2,3,7,8,9-HxCDD		Not Listed	ND(0.000000053)	ND(0.000000052)	ND(0.000000053) [ND(0.000000051)]
HxCDDs (total)		Not Listed	ND(0.000000053)	ND(0.000000052)	ND(0.000000053) [ND(0.000000051)]
1,2,3,4,6,7,8-HpCDD		Not Listed	ND(0.000000081)	ND(0.000000052)	ND(0.000000069) [ND(0.000000085)]
HpCDDs (total)		Not Listed	ND(0.000000081)	ND(0.000000052)	ND(0.000000069) [ND(0.000000085)]
OCDD		Not Listed	ND(0.00000018)	ND(0.00000015)	ND(0.00000017) [ND(0.000000019)]
Total TEQs (WHO TEFs)	0.0000001	0.00000010	0.000000078	0.000000082 [0.00000080]
Inorganics-Unfiltered				•	
Sulfide		Not Listed	1.20	1.00	1.40 [ND(1.00)]
Inorganics-Filtered					
Arsenic		0.9	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J [0.00213 B J]
Barium		50	0.0253 B	0.0538 B	0.0168 B [0.0169 B]
Cadmium		0.004	0.00276 B J	ND(0.00500) J	ND(0.00500) J [0.00328 B J]
Cobalt		0.075	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J [ND(0.0100) J]
Lead		0.01	0.00425 B J	0.00657 B J	0.00641 B J [0.00718 B J]
Selenium		0.1	ND(0.0200) J	ND(0.0200) J	ND(0.0200) J [ND(0.0200) J]
Thallium		3	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J [ND(0.0100) J]
Vanadium		4	ND(0.0500)	ND(0.0500)	ND(0.0500) [ND(0.0500)]
Zinc		0.9	0.0135 B	0.0106 B	0.0325 B [0.0273 B]
2		0.0	0.0100 D	0.0100 D	0.0020 0 [0.0270 0]

Table 7

Comparison of Groundwater Analytical Results to MCP Method 1 GW-3 Standards Groundwater Quality Interim Report for Fall 2008

Parameter	Sample ID: Date Collected:	Method 1 GW-3 Standards	OPCA-MW-7 10/21/08	OPCA-MW-8 10/22/08
Volatile Organi				
1,1,1-Trichloroet		20	ND(0.0010)	ND(0.0010)
Chlorobenzene		1	ND(0.0010)	ND(0.0010)
Chloroform		20	ND(0.0010)	ND(0.0010)
Methylene Chlor	ride	50	ND(0.0050)	ND(0.0050)
Tetrachloroether		30	ND(0.0010)	ND(0.0010)
Trichloroethene		5	ND(0.0010)	ND(0.0010)
PCBs-Filtered				
None Detected				
Semivolatile Or	ganics			
bis(2-Ethylhexyl))phthalate	50	ND(0.0052)	0.00087 J
Furans				•
2,3,7,8-TCDF		Not Listed	ND(0.000000033)	ND(0.00000014)
TCDFs (total)		Not Listed	ND(0.000000033)	ND(0.00000083)
1,2,3,7,8-PeCDF	-	Not Listed	ND(0.000000051)	ND(0.000000052)
2,3,4,7,8-PeCDF		Not Listed	ND(0.000000051)	0.000000058 J
PeCDFs (total)		Not Listed	ND(0.000000051)	ND(0.00000012)
1,2,3,4,7,8-HxCl	DF	Not Listed	ND(0.000000051)	ND(0.000000052)
1,2,3,6,7,8-HxCI		Not Listed	ND(0.000000051)	ND(0.000000052)
1,2,3,7,8,9-HxCI		Not Listed	ND(0.000000051)	ND(0.000000052)
2,3,4,6,7,8-HxCI		Not Listed	ND(0.000000051)	ND(0.000000052)
HxCDFs (total)		Not Listed	ND(0.000000051)	ND(0.00000040)
1,2,3,4,6,7,8-Hp	CDF	Not Listed	ND(0.000000051)	ND(0.000000093) X
1,2,3,4,7,8,9-Hp		Not Listed	ND(0.000000053)	ND(0.000000056)
HpCDFs (total)		Not Listed	ND(0.000000053)	ND(0.000000056)
OCDF		Not Listed	ND(0.00000014)	0.00000018 J
Dioxins			, ,	
2,3,7,8-TCDD		Not Listed	ND(0.000000032)	ND(0.000000029)
TCDDs (total)		Not Listed	ND(0.000000032)	ND(0.000000029)
1,2,3,7,8-PeCDI)	Not Listed	ND(0.000000051)	ND(0.000000052)
PeCDDs (total)		Not Listed	ND(0.000000051)	ND(0.000000052)
1,2,3,4,7,8-HxCI	DD	Not Listed	ND(0.000000051)	ND(0.000000052)
1,2,3,6,7,8-HxCl		Not Listed	ND(0.000000051)	ND(0.000000052)
1,2,3,7,8,9-HxCI		Not Listed	ND(0.000000051)	ND(0.000000052)
HxCDDs (total)		Not Listed	ND(0.0000000051)	ND(0.000000078)
1,2,3,4,6,7,8-Hp	CDD	Not Listed	ND(0.000000074)	0.00000015 J
HpCDDs (total)		Not Listed	ND(0.000000074)	ND(0.00000015)
OCDD		Not Listed	ND(0.00000016)	0.00000086 J
Total TEQs (WH	IO TEFs)	0.0000001	0.000000076	0.000000098
Inorganics-Unfi				
Sulfide		Not Listed	1.00 J	ND(1.00)
Inorganics-Filte	ered			
Arsenic		0.9	ND(0.0100) J	ND(0.0100) J
Barium		50	0.0368 B	0.0225 B
Cadmium		0.004	ND(0.00500) J	0.00287 B J
Cobalt		0.075	ND(0.0100) J	ND(0.0100) J
Lead		0.01	ND(0.0100) J	0.00427 B J
Selenium		0.1	ND(0.0200) J	ND(0.0200) J
Thallium		3	ND(0.0100) J	ND(0.0100) J
Vanadium		4	ND(0.0500)	ND(0.0500)
Zinc		0.9	0.00771 B	0.0610

Table 7 Comparison of Groundwater Analytical Results to MCP Method 1 GW-3 Standards Groundwater Quality Interim Report For Fall 2008

Groundwater Management Area 4 General Electric Company - Pittsfield, Massachusetts (Results are presented in parts per million, ppm)

Notes:

- 1. Samples were collected by ARCADIS and submitted to SGS Environmental Services, Inc. for analysis of Appendix IX+3
- constituents. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS (approved March 15, 2007 and re-submitted March 30, 2007). 2.
- 3. ND Analyte was not detected. The number in parentheses is the associated detection limit.
- 4. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the Work Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998
- 5. With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized.
- 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.
- R Data was rejected due to a deficiency in the data generation process.
- X Estimated maximum possible concentration.
- Y 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

- B Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
- J Indicates that the associated numerical value is an estimated concentration.

Table 8 Comparison of Groundwater Analytical Results to MCP UCLs for Groundwater Groundwater Quality Interim Report for Fall 2008

Sample I	D: MCP UCL	78-1	78-6	GMA4-2	GMA4-3
	d: for GroundWater	10/23/08	10/22/08	10/22/08	10/22/08
Volatile Organics					
1,1,1-Trichloroethane	100	ND(0.0010)	ND(0.0010)	NA	NA
Chlorobenzene	10	ND(0.0010)	ND(0.0010)	NA	NA
Chloroform	100	ND(0.0010)	ND(0.0010)	NA	NA
Methylene Chloride	100	ND(0.0050)	ND(0.0050)	NA	NA
Tetrachloroethene	100	ND(0.0010)	ND(0.0010)	NA	NA
Trichloroethene	50	ND(0.0010)	ND(0.0010)	NA	NA
PCBs-Filtered			()		
None Detected					
Semivolatile Organics					
bis(2-Ethylhexyl)phthalate	100	ND(0.0051)	ND(0.0051)	NA	NA
Furans	100	112(0.0001)	112(0.0001)	11/1	
2,3,7,8-TCDF	Not Listed	0.00000010 J	ND(0.000000029)	NA	NA
TCDFs (total)	Not Listed	0.000000010 J	0.000000029)	NA	NA
1.2.3.7.8-PeCDF		ND(0.0000000051)	ND(0.00000000000000000000000000000000000	NA NA	NA
	Not Listed		(,	NA NA	NA NA
2,3,4,7,8-PeCDF	Not Listed	ND(0.000000051) 0.000000021	ND(0.000000051) 0.000000041	NA NA	NA NA
PeCDFs (total)	Not Listed				
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.000000051)	ND(0.000000051)	NA	NA
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.000000051)	ND(0.000000051)	NA	NA
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.000000051)	ND(0.000000051)	NA	NA
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.000000051)	ND(0.000000051)	NA	NA
HxCDFs (total)	Not Listed	ND(0.000000051)	ND(0.000000051)	NA	NA
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.000000051)	ND(0.000000051)	NA	NA
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.000000058)	ND(0.000000051)	NA	NA
HpCDFs (total)	Not Listed	ND(0.000000058)	ND(0.000000051)	NA	NA
OCDF	Not Listed	ND(0.00000015)	ND(0.00000013)	NA	NA
Dioxins					
2,3,7,8-TCDD	Not Listed	ND(0.000000030)	ND(0.000000025)	NA	NA
TCDDs (total)	Not Listed	ND(0.000000030)	ND(0.000000025)	NA	NA
1,2,3,7,8-PeCDD	Not Listed	ND(0.000000051)	ND(0.000000051)	NA	NA
PeCDDs (total)	Not Listed	ND(0.000000051)	ND(0.000000051)	NA	NA
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.000000052)	ND(0.000000051)	NA	NA
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.000000051)	ND(0.000000051)	NA	NA
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.000000051)	ND(0.000000051)	NA	NA
HxCDDs (total)	Not Listed	ND(0.000000052)	ND(0.000000051)	NA	NA
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.000000086)	ND(0.000000071)	NA	NA
HpCDDs (total)	Not Listed	ND(0.000000086)	ND(0.000000071)	NA	NA
OCDD	Not Listed	ND(0.00000019)	ND(0.00000015)	NA	NA
Total TEQs (WHO TEFs)	0.000001	0.000000084	0.000000072	NA	NA
Inorganics-Unfiltered					
Sulfide	Not Listed	1.3 J	ND(1.00)	NA	NA
Inorganics-Filtered	ł				
Arsenic	9	ND(0.0100) J	0.00517 B J	NA	NA
Barium	100	ND(0.500)	0.0574 B	NA	NA
Cadmium	0.05	ND(0.00500)	ND(0.00500) J	NA	NA
Cobalt	Not Listed	ND(0.0100) J	0.00372 B J	NA	NA
Lead	0.15	ND(0.0100) J	0.00684 B J	NA	NA
Selenium	1	ND(0.0200) J	ND(0.0200) J	NA	NA
Thallium	30	ND(0.0200) 0	ND(0.0100) J	NA	NA
Vanadium	40	ND(0.0500)	ND(0.0500)	NA	NA
vanaaidiii	50	0.00549 B	ND(0.0500)	NA	NA

Table 8 Comparison of Groundwater Analytical Results to MCP UCLs for Groundwater Groundwater Quality Interim Report for Fall 2008

Osmula ID		01144.0		
Sample ID Parameter Date Collected		GMA4-6 10/23/08	H78B-15 10/23/08	OPCA-MW-1RR 10/20/08
		10/23/06	10/23/08	10/20/08
Volatile Organics	100	ND(0.0010)	ND(0.0010)	ND(0.50)
Chlorobenzene	100	ND(0.0010)	ND(0.0010)	ND(0.50)
Chloroform	100	ND(0.0010)	0.00021 J	ND(0.50) ND(0.50)
	100	ND(0.0010)	ND(0.0050)	ND(0.50) ND(2.5)
Methylene Chloride		(/	(/	(- /
Tetrachloroethene Trichloroethene	100 50	ND(0.0010)	ND(0.0010)	3.6
PCBs-Filtered	50	ND(0.0010)	ND(0.0010)	ND(0.50)
None Detected				
Semivolatile Organics				
bis(2-Ethylhexyl)phthalate	100	0.00072 J	0.0010 J	ND(0.0051)
Furans				
2,3,7,8-TCDF	Not Listed	ND(0.000000035)	ND(0.000000030)	ND(0.000000035)
TCDFs (total)	Not Listed	ND(0.000000035)	0.00000025	ND(0.000000035)
1,2,3,7,8-PeCDF	Not Listed	ND(0.000000051)	ND(0.000000051)	ND(0.000000053)
2,3,4,7,8-PeCDF	Not Listed	ND(0.000000051)	ND(0.000000051)	ND(0.000000053)
PeCDFs (total)	Not Listed	ND(0.000000051)	ND(0.000000051)	ND(0.000000053)
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.000000051)	ND(0.000000051)	ND(0.000000053)
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.000000051)	ND(0.000000051)	ND(0.000000053)
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.000000051)	ND(0.000000051)	ND(0.000000053)
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.000000051)	ND(0.000000051)	ND(0.000000053)
HxCDFs (total)	Not Listed	ND(0.000000051)	ND(0.000000051)	ND(0.000000053)
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.000000051)	ND(0.000000051)	ND(0.000000053)
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.000000058)	ND(0.000000051)	ND(0.000000065)
HpCDFs (total)	Not Listed	ND(0.000000058)	ND(0.000000051)	ND(0.000000065)
OCDF	Not Listed	ND(0.00000016)	ND(0.00000011)	ND(0.00000015)
Dioxins				
2,3,7,8-TCDD	Not Listed	ND(0.000000033)	ND(0.000000023)	ND(0.000000032)
TCDDs (total)	Not Listed	ND(0.000000033)	ND(0.000000023)	ND(0.000000032)
1,2,3,7,8-PeCDD	Not Listed	ND(0.000000051)	ND(0.000000051)	ND(0.000000053)
PeCDDs (total)	Not Listed	ND(0.000000051)	ND(0.000000051)	ND(0.000000053)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.000000051)	ND(0.000000051)	ND(0.000000053)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.000000051)	ND(0.000000051)	ND(0.000000053)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.000000051)	ND(0.000000051)	ND(0.000000053)
HxCDDs (total)	Not Listed	ND(0.000000051)	ND(0.000000051)	ND(0.000000053)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.000000070)	ND(0.000000051)	ND(0.00000011)
HpCDDs (total)	Not Listed	ND(0.000000070)	ND(0.000000051)	ND(0.00000011)
OCDD	Not Listed	ND(0.000000019)	ND(0.00000013)	ND(0.00000018)
Total TEQs (WHO TEFs)	0.000001	0.000000077	0.000000072	0.000000078
Inorganics-Unfiltered				
Sulfide	Not Listed	ND(1.00)	ND(1.00)	1.20
Inorganics-Filtered				
Arsenic	9	ND(0.0100) J	ND(0.0100) J	0.00195 B J
Barium	100	ND(0.500)	ND(0.500)	0.0453 B
Cadmium	0.05	ND(0.00500)	ND(0.00500)	0.00256 B J
Cobalt	Not Listed	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J
Lead	0.15	ND(0.0100) J	ND(0.0100) J	0.00395 B J
Selenium	1	0.00962 B J	0.00918 B J	ND(0.0200) J
Thallium	30	0.00784 B	ND(0.0100)	ND(0.0100) J
Vanadium	40	ND(0.0500)	0.00587 B	ND(0.0500)
Zinc	50	0.0154 B	0.00439 B	ND(0.0500)

Table 8 Comparison of Groundwater Analytical Results to MCP UCLs for Groundwater Groundwater Quality Interim Report for Fall 2008

Samp	le ID: MCP UCL	OPCA-MW-2R	OPCA-MW-3	OPCA-MW-4
Parameter Date Colle		10/20-10/21/08	10/22/08	10/20/08
Volatile Organics				
1.1.1-Trichloroethane	100	0.00013 J	ND(0.0010)	ND(0.0010)
Chlorobenzene	10	ND(0.0010)	ND(0.0010)	0.00017 J
Chloroform	100	ND(0.0010)	ND(0.0010)	ND(0.0010)
Methylene Chloride	100	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethene	100	0.0030	ND(0.0010)	ND(0.0010)
Trichloroethene	50	ND(0.0010)	ND(0.0010)	0.0016
PCBs-Filtered			(•••••)	
None Detected				
Semivolatile Organics				
bis(2-Ethylhexyl)phthalate	100	ND(0.0053)	ND(0.0054)	ND(0.0052)
Furans	100	ND(0.0000)	110(0.0004)	ND(0.0002)
2,3,7,8-TCDF	Not Listed	ND(0.000000036)	ND(0.000000048)	0.000000068 YJ
TCDFs (total)	Not Listed	ND(0.0000000036)	ND(0.000000048)	0.000000042
1,2,3,7,8-PeCDF	Not Listed	ND(0.0000000052)	ND(0.0000000054)	0.00000042 0.00000010 J
2,3,4,7,8-PeCDF	Not Listed	ND(0.0000000052)	ND(0.0000000054)	0.000000010 J
PeCDFs (total)	Not Listed	ND(0.0000000052)	ND(0.0000000054)	0.00000007 3
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.0000000052)	ND(0.0000000034)	ND(0.00000000000000000000000000000000000
1,2,3,4,7,6-fxCDF 1.2.3.6.7.8-HxCDF	Not Listed	ND(0.0000000052)	ND(0.0000000054)	ND(0.0000000053)
	Not Listed	ND(0.0000000052)	ND(0.000000054)	ND(0.0000000053)
1,2,3,7,8,9-HxCDF			, , , , , , , , , , , , , , , , , , ,	· · · · · · · · · · · · · · · · · · ·
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.000000052)	ND(0.000000054)	ND(0.000000053)
HxCDFs (total)	Not Listed	ND(0.000000052)	ND(0.000000054)	0.00000020
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.000000052)	ND(0.000000059)	ND(0.000000053)
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.000000058)	ND(0.000000076)	ND(0.000000055)
HpCDFs (total)	Not Listed	ND(0.000000058)	ND(0.000000076)	ND(0.000000055)
OCDF Dioxins	Not Listed	ND(0.00000013)	ND(0.00000025)	ND(0.00000016)
2,3,7,8-TCDD	Not Listed	ND(0.000000032)	ND(0.000000043)	ND(0.000000026)
TCDDs (total)	Not Listed	ND(0.000000032)	ND(0.000000043)	ND(0.000000026)
1,2,3,7,8-PeCDD	Not Listed	ND(0.000000052)	ND(0.000000054)	ND(0.000000053)
PeCDDs (total)	Not Listed	ND(0.000000052)	ND(0.000000054)	ND(0.000000053)
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.000000052)	ND(0.000000054)	ND(0.000000053)
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.000000052)	ND(0.000000054)	ND(0.000000053)
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.000000052)	ND(0.000000054)	ND(0.000000053)
HxCDDs (total)	Not Listed	ND(0.000000052)	ND(0.000000054)	ND(0.000000053)
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.000000083)	ND(0.00000012)	ND(0.000000081)
HpCDDs (total)	Not Listed	ND(0.000000083)	ND(0.00000012)	ND(0.000000081)
OCDD	Not Listed	ND(0.00000016)	ND(0.00000030)	ND(0.00000018)
Total TEQs (WHO TEFs)	0.000001	0.000000077	0.000000086	0.00000010
Inorganics-Unfiltered				
Sulfide	Not Listed	1.00	ND(1.00)	1.20
Inorganics-Filtered				
Arsenic	9	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J
Barium	100	0.0435 B	0.0519 B	0.0253 B
Cadmium	0.05	0.00263 B J	ND(0.00500) J	0.00276 B J
Cobalt	Not Listed	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J
Lead	0.15	0.00420 B J	0.00564 B J	0.00425 B J
Selenium	1	ND(0.0200) J	ND(0.0200) J	ND(0.0200) J
Thallium	30	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J
Vanadium	40	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc	50	ND(0.0500)	ND(0.0500)	0.0135 B

Table 8 Comparison of Groundwater Analytical Results to MCP UCLs for Groundwater Groundwater Quality Interim Report for Fall 2008

Sample ID:	MCP UCL	OPCA-MW-5R	OPCA-MW-6
	for GroundWater	10/21/08	10/21/08
Volatile Organics	for Groundwater	10/21/00	10/21/00
1,1,1-Trichloroethane	100	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Chlorobenzene	100	0.00011 J	ND(0.0010) [ND(0.0010)]
Chloroform	100	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Methylene Chloride	100	0.00022 J	ND(0.0050) [ND(0.0050)]
Tetrachloroethene	100	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Trichloroethene	50	ND(0.0010)	ND(0.0010) [ND(0.0010)]
PCBs-Filtered	50	ND(0.0010)	ND(0.0010) [ND(0.0010)]
None Detected			
Semivolatile Organics			
bis(2-Ethylhexyl)phthalate	100	ND(0.0052)	ND(0.0052) [ND(0.0052)]
Furans	100	ND(0.0052)	ND(0.0052) [ND(0.0052)]
2,3,7,8-TCDF	Not Listed		
	Not Listed	ND(0.000000044) 0.000000018	0.000000049 J [0.000000058 J]
TCDFs (total)	Not Listed		0.00000012 [0.00000014]
1,2,3,7,8-PeCDF 2,3,4,7,8-PeCDF	Not Listed	ND(0.000000052) ND(0.000000052)	ND(0.0000000053) [ND(0.000000051)] ND(0.000000053) [ND(0.000000051)]
	Not Listed		
PeCDFs (total)	Not Listed	0.000000023	0.000000048 [0.000000052]
1,2,3,4,7,8-HxCDF	Not Listed	ND(0.000000052)	ND(0.000000053) [ND(0.000000051)]
1,2,3,6,7,8-HxCDF	Not Listed	ND(0.000000052)	ND(0.000000053) [ND(0.000000051)]
1,2,3,7,8,9-HxCDF	Not Listed	ND(0.000000052)	ND(0.000000053) [ND(0.000000051)]
2,3,4,6,7,8-HxCDF	Not Listed	ND(0.000000052)	ND(0.000000053) [ND(0.000000051)]
HxCDFs (total)	Not Listed	0.000000020	ND(0.000000053) [ND(0.000000051)]
1,2,3,4,6,7,8-HpCDF	Not Listed	ND(0.000000052)	ND(0.000000053) [ND(0.000000051)]
1,2,3,4,7,8,9-HpCDF	Not Listed	ND(0.000000057)	ND(0.000000053) [ND(0.000000057)]
HpCDFs (total)	Not Listed	ND(0.000000057)	ND(0.000000053) [ND(0.000000057)]
OCDF	Not Listed	ND(0.00000014)	ND(0.00000014) [ND(0.00000016)]
Dioxins			
2,3,7,8-TCDD	Not Listed	ND(0.000000033)	ND(0.000000034) [ND(0.000000032)]
TCDDs (total)	Not Listed	ND(0.000000033)	ND(0.000000034) [ND(0.000000032)]
1,2,3,7,8-PeCDD	Not Listed	ND(0.000000052)	ND(0.000000053) [ND(0.000000051)]
PeCDDs (total)	Not Listed	ND(0.000000052)	ND(0.000000053) [ND(0.000000051)]
1,2,3,4,7,8-HxCDD	Not Listed	ND(0.000000052)	ND(0.000000053) [ND(0.000000051)]
1,2,3,6,7,8-HxCDD	Not Listed	ND(0.000000052)	ND(0.000000053) [ND(0.000000051)]
1,2,3,7,8,9-HxCDD	Not Listed	ND(0.000000052)	ND(0.000000053) [ND(0.000000051)]
HxCDDs (total)	Not Listed	ND(0.000000052)	ND(0.000000053) [ND(0.000000051)]
1,2,3,4,6,7,8-HpCDD	Not Listed	ND(0.000000052)	ND(0.000000069) [ND(0.000000085)]
HpCDDs (total)	Not Listed	ND(0.000000052)	ND(0.000000069) [ND(0.000000085)]
	Not Listed	ND(0.00000015)	ND(0.00000017) [ND(0.00000019)]
Total TEQs (WHO TEFs)	0.000001	0.000000078	0.000000082 [0.000000080]
Inorganics-Unfiltered	NI-411 C	4.00	
Sulfide	Not Listed	1.00	1.40 [ND(1.00)]
Inorganics-Filtered	_		
Arsenic	9	ND(0.0100) J	ND(0.0100) J [0.00213 B J]
Barium	100	0.0538 B	0.0168 B [0.0169 B]
Cadmium	0.05	ND(0.00500) J	ND(0.00500) J [0.00328 B J]
Cobalt	Not Listed	ND(0.0100) J	ND(0.0100) J [ND(0.0100) J]
Lead	0.15	0.00657 B J	0.00641 B J [0.00718 B J]
Selenium	1	ND(0.0200) J	ND(0.0200) J [ND(0.0200) J]
Thallium	30	ND(0.0100) J	ND(0.0100) J [ND(0.0100) J]
Vanadium	40	ND(0.0500)	ND(0.0500) [ND(0.0500)]
Zinc	50	0.0106 B	0.0325 B [0.0273 B]

Table 8

Comparison of Groundwater Analytical Results to MCP UCLs for Groundwater Groundwater Quality Interim Report for Fall 2008

	Sample ID:	MCP UCL	OPCA-MW-7	OPCA-MW-8
Parameter	Date Collected:		10/21/08	10/22/08
Volatile Organi	cs			
1,1,1-Trichloroe	thane	100	ND(0.0010)	ND(0.0010)
Chlorobenzene		10	ND(0.0010)	ND(0.0010)
Chloroform		100	ND(0.0010)	ND(0.0010)
Methylene Chlor	ride	100	ND(0.0050)	ND(0.0050)
Tetrachloroethe	ne	100	ND(0.0010)	ND(0.0010)
Trichloroethene		50	ND(0.0010)	ND(0.0010)
PCBs-Filtered				
None Detected				
Semivolatile O	rganics			
bis(2-Ethylhexyl)phthalate	100	ND(0.0052)	0.00087 J
Furans				
2,3,7,8-TCDF		Not Listed	ND(0.000000033)	ND(0.00000014)
TCDFs (total)		Not Listed	ND(0.000000033)	ND(0.00000083)
1,2,3,7,8-PeCDI	F	Not Listed	ND(0.000000051)	ND(0.000000052)
2,3,4,7,8-PeCDI		Not Listed	ND(0.000000051)	0.000000058 J
PeCDFs (total)		Not Listed	ND(0.000000051)	ND(0.0000012)
1,2,3,4,7,8-HxC	DF	Not Listed	ND(0.000000051)	ND(0.000000052)
1,2,3,6,7,8-HxC	DF	Not Listed	ND(0.000000051)	ND(0.000000052)
1,2,3,7,8,9-HxC	DF	Not Listed	ND(0.000000051)	ND(0.000000052)
2,3,4,6,7,8-HxC	DF	Not Listed	ND(0.000000051)	ND(0.000000052)
HxCDFs (total)		Not Listed	ND(0.000000051)	ND(0.00000040)
1,2,3,4,6,7,8-Hp	CDF	Not Listed	ND(0.000000051)	ND(0.000000093) X
1,2,3,4,7,8,9-Hp	CDF	Not Listed	ND(0.000000053)	ND(0.000000056)
HpCDFs (total)		Not Listed	ND(0.000000053)	ND(0.000000056)
OCDF		Not Listed	ND(0.00000014)	0.00000018 J
Dioxins				
2,3,7,8-TCDD		Not Listed	ND(0.000000032)	ND(0.000000029)
TCDDs (total)		Not Listed	ND(0.000000032)	ND(0.000000029)
1,2,3,7,8-PeCDI	D	Not Listed	ND(0.000000051)	ND(0.000000052)
PeCDDs (total)		Not Listed	ND(0.000000051)	ND(0.000000052)
1,2,3,4,7,8-HxC	DD	Not Listed	ND(0.000000051)	ND(0.000000052)
1,2,3,6,7,8-HxC	DD	Not Listed	ND(0.000000051)	ND(0.000000052)
1,2,3,7,8,9-HxC	DD	Not Listed	ND(0.000000051)	ND(0.000000052)
HxCDDs (total)		Not Listed	ND(0.000000051)	ND(0.000000078)
1,2,3,4,6,7,8-Hp	CDD	Not Listed	ND(0.000000074)	0.00000015 J
HpCDDs (total)		Not Listed	ND(0.000000074)	ND(0.00000015)
OCDD		Not Listed	ND(0.00000016)	0.00000086 J
Total TEQs (WF		0.000001	0.000000076	0.000000098
Inorganics-Unf	iltered			
Sulfide		Not Listed	1.00 J	ND(1.00)
Inorganics-Filte	ered			
Arsenic		9	ND(0.0100) J	ND(0.0100) J
Barium		100	0.0368 B	0.0225 B
Cadmium		0.05	ND(0.00500) J	0.00287 B J
Cobalt		Not Listed	ND(0.0100) J	ND(0.0100) J
Lead		0.15	ND(0.0100) J	0.00427 B J
Selenium		1	ND(0.0200) J	ND(0.0200) J
Thallium		30	ND(0.0100) J	ND(0.0100) J
Vanadium		40	ND(0.0500)	ND(0.0500)
Zinc		50	0.00771 B	0.0610

Table 8 Comparison of Groundwater Analytical Results to MCP UCLs for Groundwater Groundwater Quality Interim Report for Fall 2008

Groundwater Management Area 4 General Electric Company - Pittsfield, Massachusetts (Results are presented in parts per million, ppm)

Notes:

- 1. Samples were collected by ARCADIS and submitted to SGS Environmental Services, Inc. for analysis of 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, ARCADIS (approved March 15, 2007 and re-submitted March 30, 2007).
- 3. NA Not Analyzed.
- 4. ND Analyte was not detected. The number in parentheses is the associated detection limit.
- 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.

Data Qualifiers:

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

- J Indicates that the associated numerical value is an estimated concentration.
- R Data was rejected due to a deficiency in the data generation process.
- X Estimated maximum possible concentration.
- Y 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

- B Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
- J Indicates that the associated numerical value is an estimated concentration.

Table 9 Proposed Spring 2009 Sampling

Groundwater Quality Monitoring Interim Report for Fall 2008 Groundwater Management Area 4 General Electric Company - Pittsfield, Massachusetts

Well Number	Monitoring Well Usage	Current Sampling Schedule	Analyses	Basis for Inclusion/Comments
78-1	GW-3 Perimeter (Upgradient)/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX (),=/	Well is included in OPCA groundwater quality monitoring program network.
78-6	GW-3 Perimeter/OPCA Groundwater Monitoring Program	Semi-Annual	РСВ/Арр. IX	Well is included in OPCA groundwater quality monitoring program network.
GMA4-2	GW-2 Sentinel	Semi-Annual		PCB analysis to evaluate compliance with new MCP GW-2 standard.
GMA4-3	GW-2 Sentinel	Semi-Annual	PCB ⁽²⁾	PCB analysis to evaluate compliance with new MCP GW-2 standard.
GMA4-6	GW-3 Perimeter (Upgradient)/OPCA Groundwater Monitoring Program	Semi-Annual		Well is included in OPCA groundwater quality monitoring program network.
H78B-15	GW-2 Sentinel/GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual		Well is included in OPCA groundwater quality monitoring program network.
OPCA-MW- 1RR	GW-2 Sentinel/GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App. IX (1,2)	Well is included in OPCA groundwater quality monitoring program network.
OPCA-MW-2R	GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App IX (1,2)	Well is included in OPCA groundwater quality monitoring program network.
OPCA-MW-3	GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App IX (1,2)	Well is included in OPCA groundwater quality monitoring program network.
OPCA-MW-4	GW-2 Sentinel/GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App IX (1,2)	Well is included in OPCA groundwater quality monitoring program network.
OPCA-MW-5R	GW-2 Sentinel/GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App IX (1,2)	Well is included in OPCA groundwater quality monitoring program network.
OPCA-MW-6	GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App IX (1,2)	Well is included in OPCA groundwater quality monitoring program network.
OPCA-MW-7	GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/App IX (1,2)	Well is included in OPCA groundwater quality monitoring program network.
OPCA-MW-8	GW-3 General/Source Area Sentinel/OPCA Groundwater Monitoring Program	Semi-Annual	PCB/Ann IX (1,2)	Well is included in OPCA groundwater quality monitoring program network.

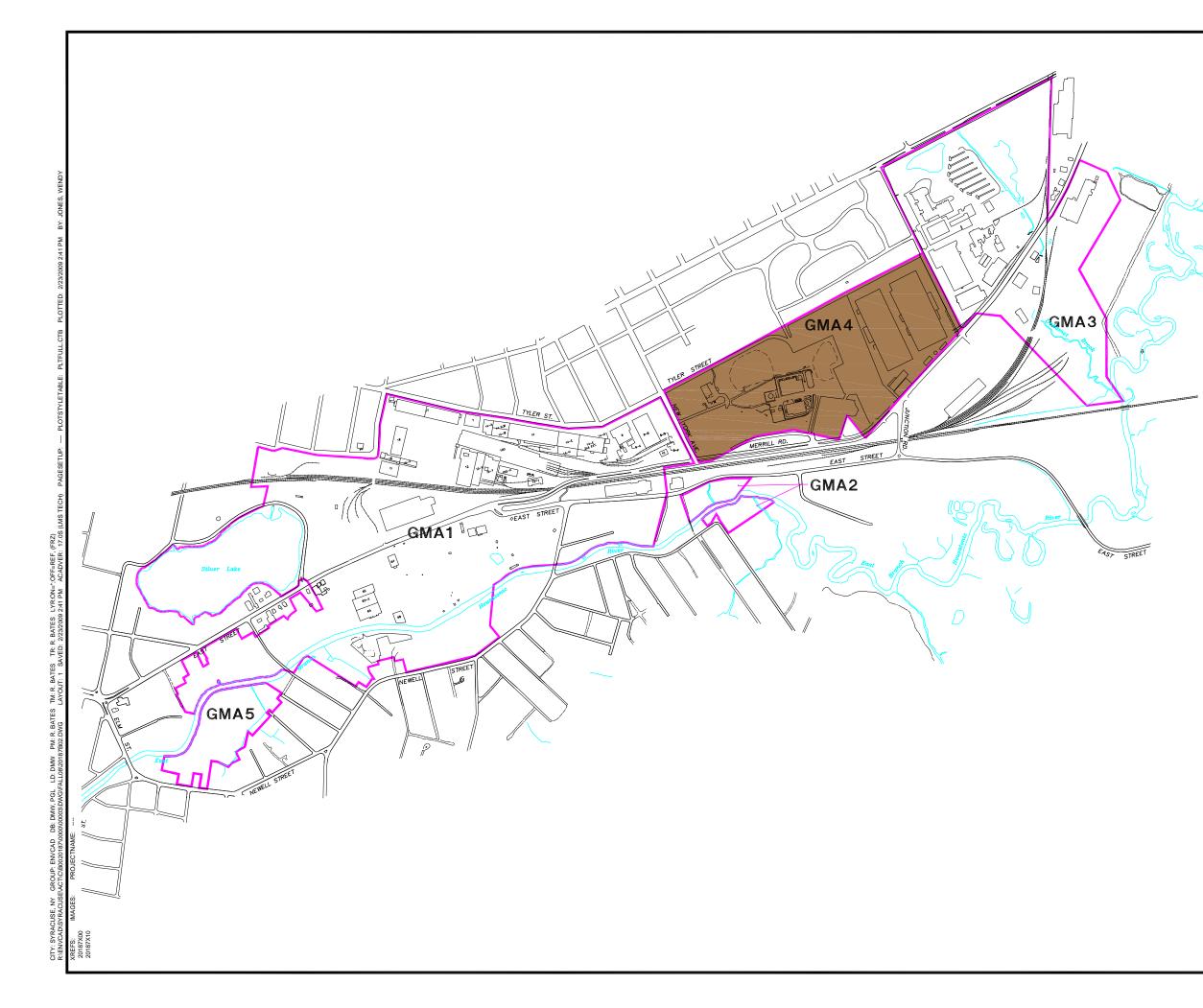
Notes:

1. Appendix IX+3 analyses consists of those non-PCB constituents listed in Appendix IX of 40 CFR Part 264 (excluding pesticides and herbicides) plus three constituents -benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine.

2. Per the interim monitoring program protocols, analyses for PCBs, metals, and cyanide are performed on filtered samples only.

ARCADIS

Figures





LEGEND:

GMA1
GMA2
GMA3
GMA4
GMA5

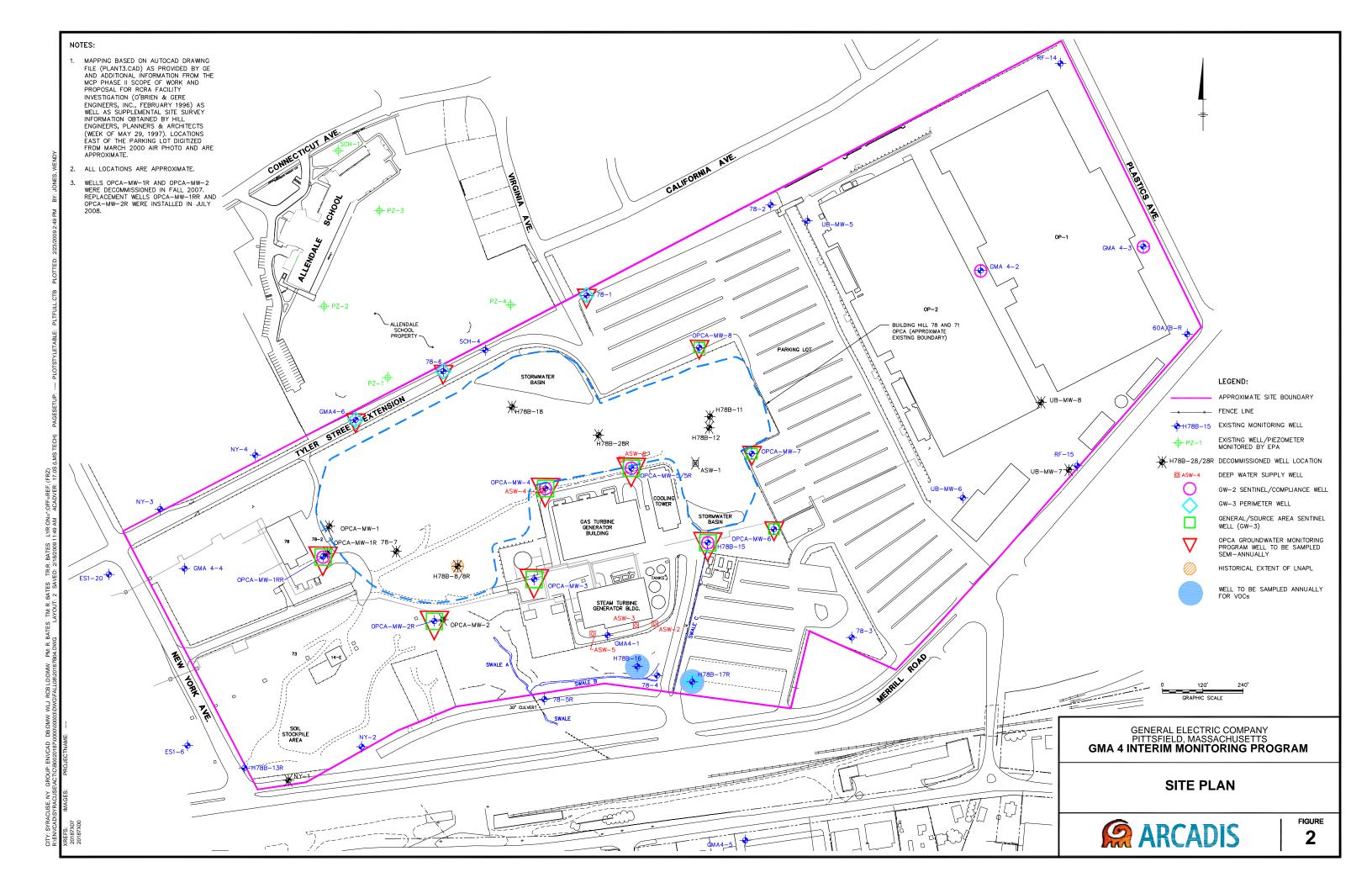
GMA 1-PLANT SITE 1
GMA 2-FORMER OXBOWS J&K
GMA 3-PLANT SITE 2
GMA 4-PLANT SITE 3
GMA 5-FORMER OXBOWS A&C

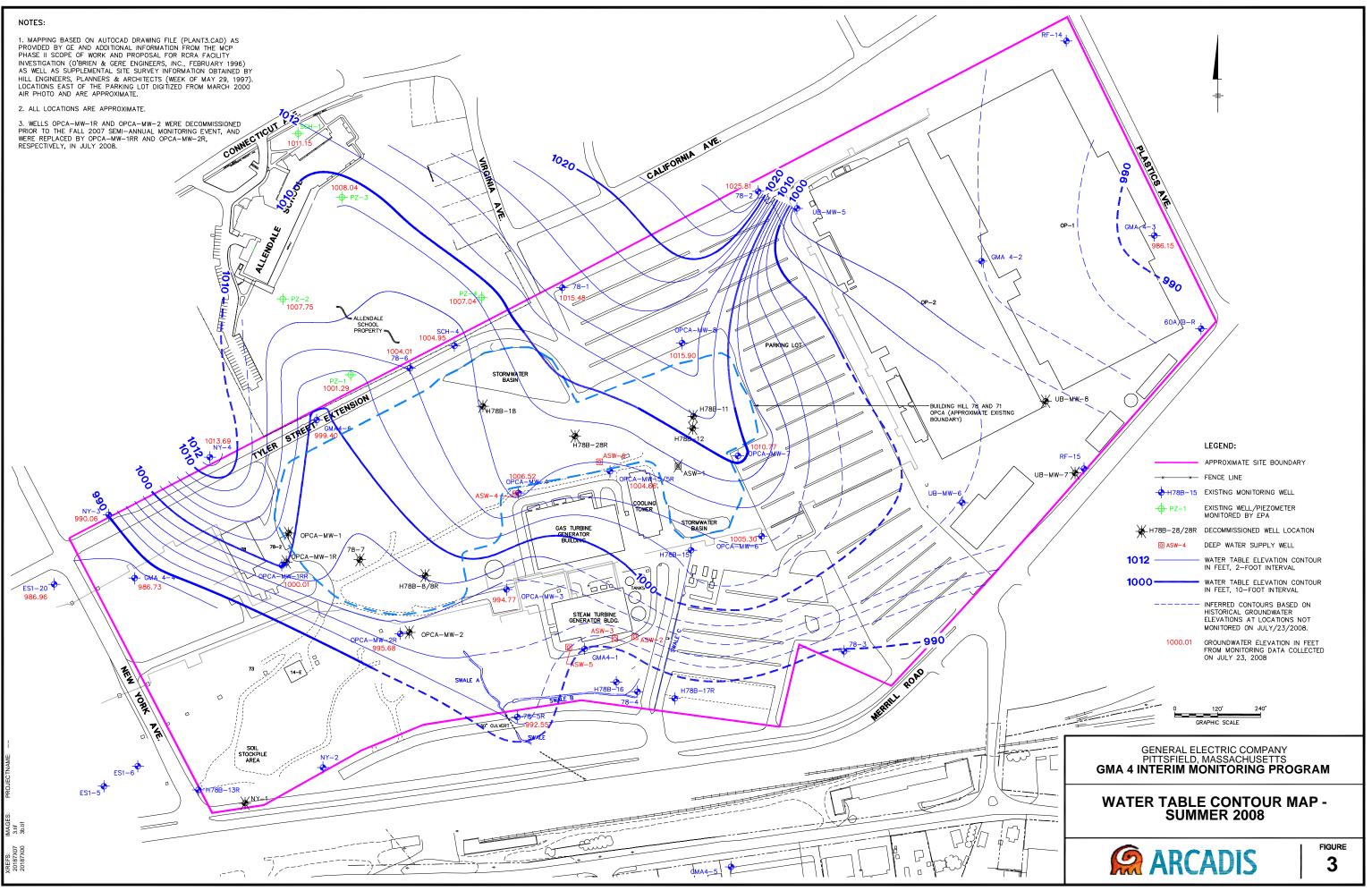
GENERAL NOTES:

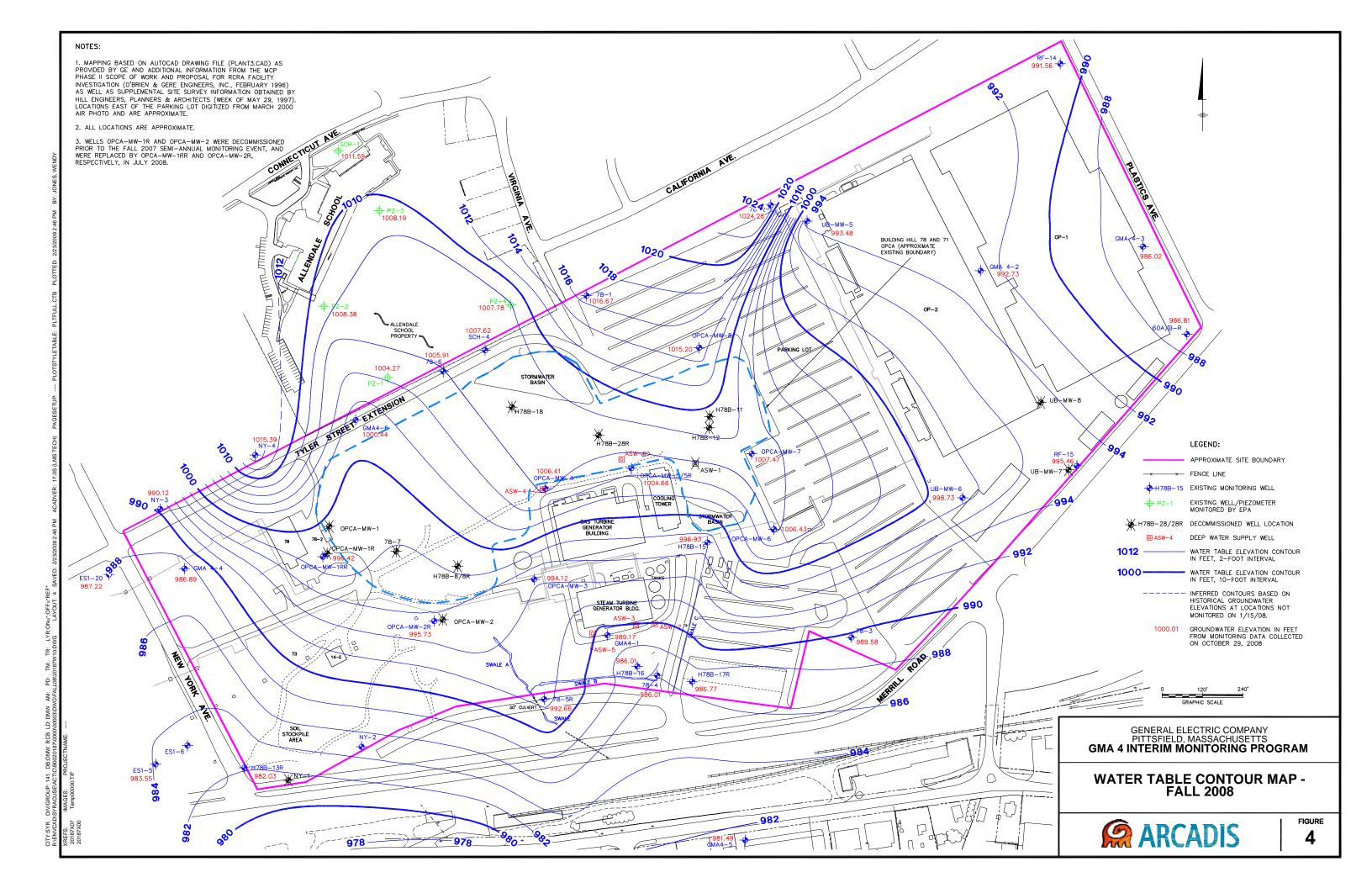
- MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. - FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY; AND BLASLAND & BOUCK ENGINEERS, P.C. P.C. CONSTRUCTION PLANS.
- 2. NOT ALL PHYSICAL FEATURES SHOWN.
- 3. SITE BOUNDARIES/LIMITS ARE APPROXIMATE.

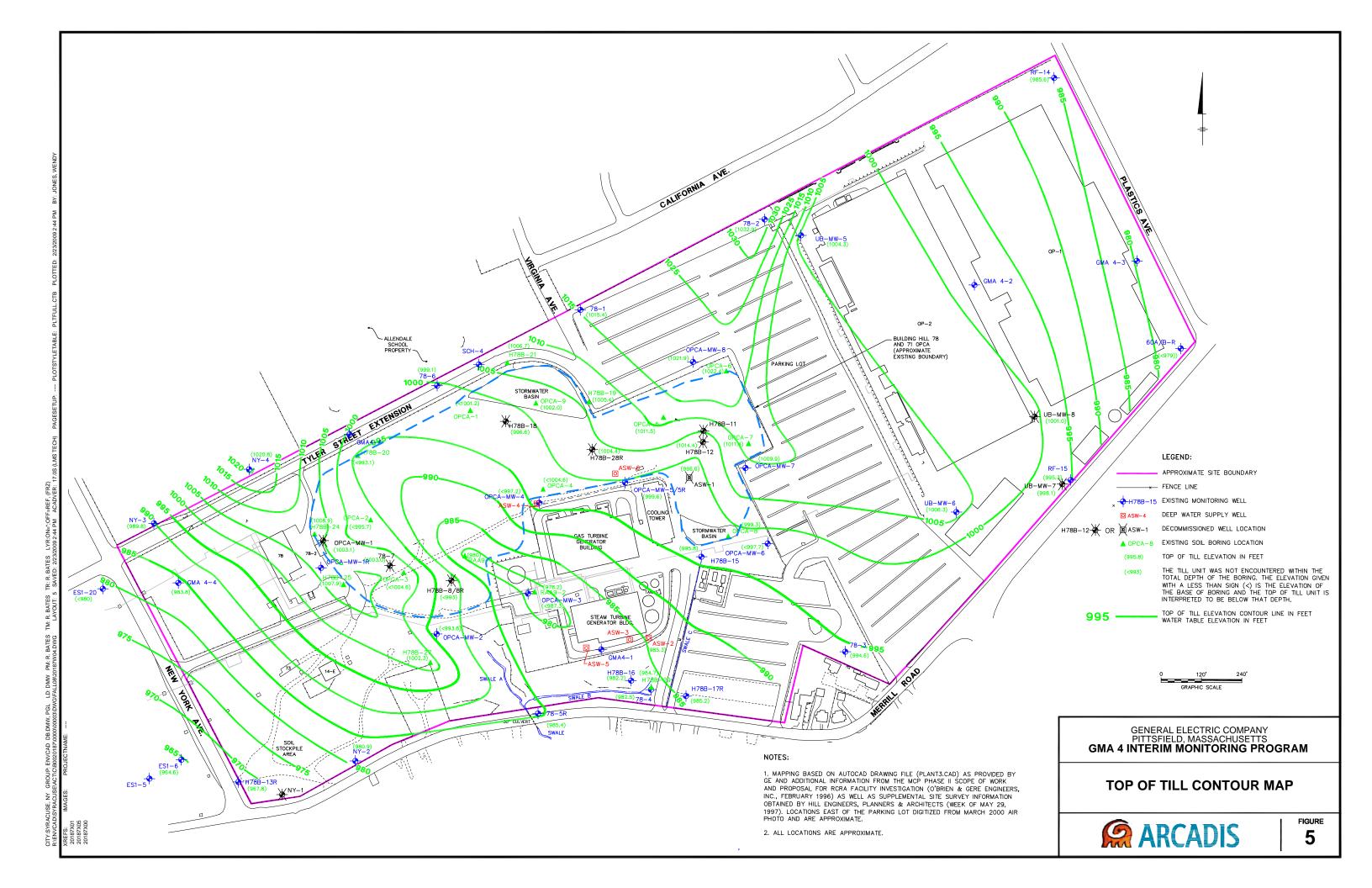
ę	500'	1000'
A	PPROXIMATE SCA	LE

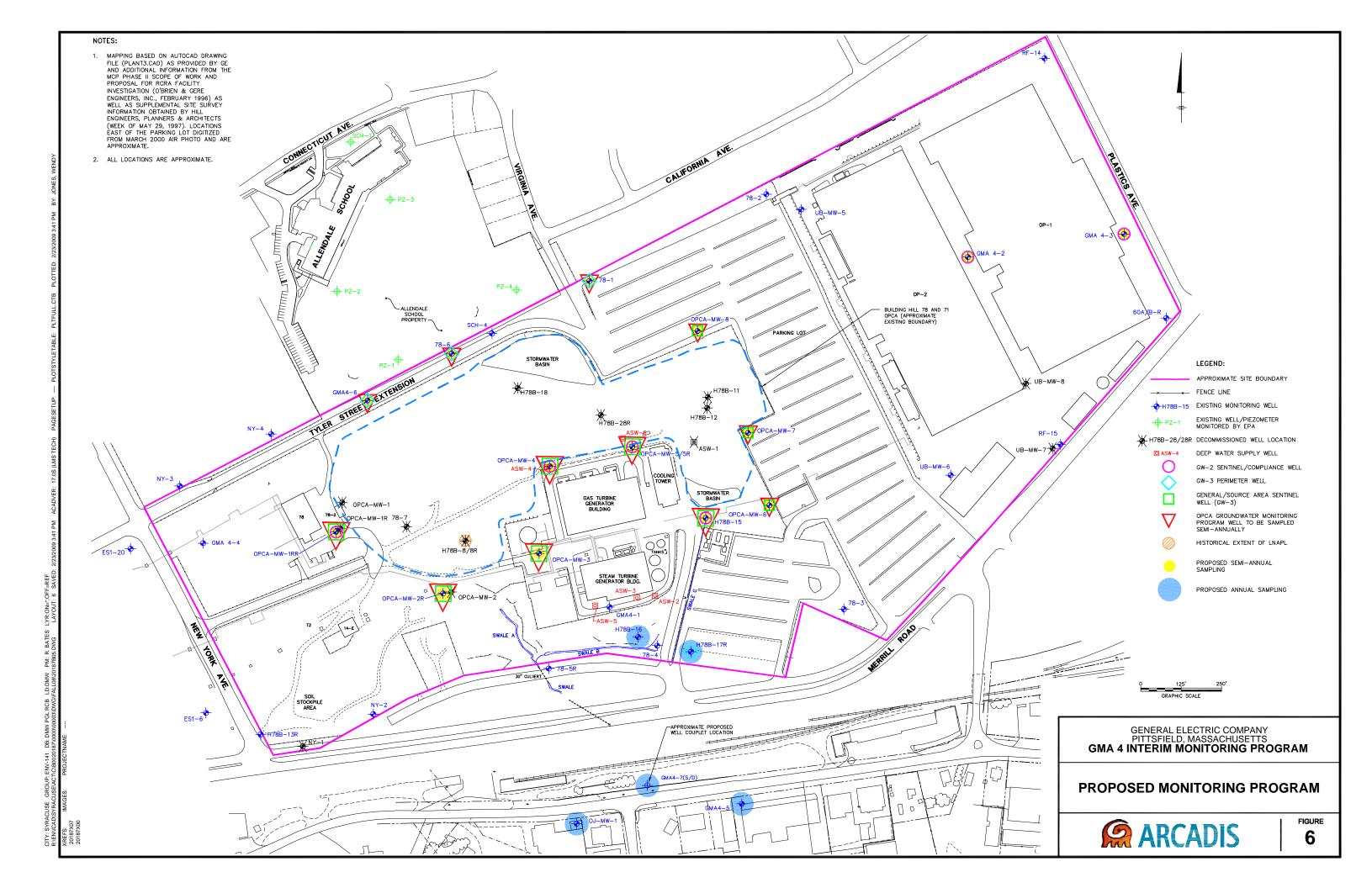












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Appendices

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Appendix A

Groundwater Elevation/NAPL Monitoring Data - Fall 2008

Table A-1 Fall 2008 Groundwater Elevation Data

Groundwater Management Area 4 Groundwater Quality Monitoring Interim Report for Fall 2008 General Electric Company - Pittsfield, Massachusetts

	Measuring		Depth	LNAPL	DNAPL	Groundwater
Well	Point Elev.	Date	to Water	Thickness	Thickness	Elevation
Name	(feet AMSL)		(ft BMP)	(feet)	(feet)	(feet AMSL)
060B-R	1,002.79	10/28/2008	16.02	0.00	0.00	986.77
060B-R	1,002.79	10/29/2008	15.98	0.00	0.00	986.81
78-1	1,026.32	7/23/2008	10.84	0.00	0.00	1,015.48
78-1*	1,026.32	10/23/2008	11.67	0.00	0.00	1,011.65
78-1	1,026.32	10/29/2008	9.65	0.00	0.00	1,016.67
78-2	1,033.96	7/23/2008	8.15	0.00	0.00	1,025.81
78-2	1,033.96	10/29/2008	9.68	0.00	0.00	1,024.28
78-3	1,007.13	10/31/2008	17.55	0.00	0.00	989.58
78-4	998.55	10/29/2008	12.54	0.00	0.00	986.01
78-5R	997.36	10/29/2008	4.70	0.00	0.00	992.66
78-6	1,012.00	7/23/2008	7.99	0.00	0.00	1,004.01
78-6*	1,012.00	10/22/2008	8.45	0.00	0.00	1,003.55
78-6	1,012.00	10/29/2008	6.09	0.00	0.00	1,005.91
GMA4-1	1,012.35	10/29/2008	23.18	0.00	0.00	989.17
GMA4-2	1,006.22	10/6/2008	13.59	0.00	0.00	992.63
GMA4-2*	1,006.22	10/22/2008	13.41	0.00	0.00	993.08
GMA4-2	1,006.22	10/29/2008	13.49	0.00	0.00	992.73
GMA4-3	1,003.95	7/23/2008	17.80	0.00	0.00	986.15
GMA4-3	1,003.95	8/26/2008	17.71	0.00	0.00	986.24
GMA4-3	1,003.95	9/15/2008	17.93	0.00	0.00	986.02
GMA4-3	1,003.95	10/6/2008	18.05	0.00	0.00	985.90
GMA4-3*	1,003.95	10/22/2008	18.16	0.00	0.00	985.79
GMA4-3	1,003.95	10/28/2008	17.98	0.00	0.00	985.97
GMA4-3	1,003.95	10/29/2008	17.93	0.00	0.00	986.02
GMA4-3	1,003.95	11/26/2008	17.60	0.00	0.00	986.35
GMA4-3	1,003.95	12/16/2008	16.91	0.00	0.00	987.04
GMA4-4	999.64	7/23/2008	12.91	0.00	0.00	986.73
GMA4-4	999.64	10/29/2008	12.75	0.00	0.00	986.89
GMA4-6	1,009.12	7/23/2008	9.72	0.00	0.00	999.40
GMA4-6*	1,009.12	10/23/2008	9.68	0.00	0.00	999.44
GMA4-6	1,009.12	10/29/2008	8.68	0.00	0.00	1,000.44
H78B-13R	992.93	10/29/2008	10.90	0.00	0.00	982.03
H78B-15*	1,012.68	10/23/2008	15.75	0.00	0.00	996.93
H78B-15	1,012.68	10/29/2008	14.54	0.00	0.00	998.14
H78B-16	999.33	10/29/2008	13.32	0.00	0.00	986.01
H78B-17R	1,000.31	10/29/2008	13.54	0.00	0.00	986.77

Table A-1 Fall 2008 Groundwater Elevation Data

Groundwater Management Area 4 Groundwater Quality Monitoring Interim Report for Fall 2008 General Electric Company - Pittsfield, Massachusetts

	Measuring		Depth	LNAPL	DNAPL	Groundwater
Well	Point Elev.	Date	to Water	Thickness	Thickness	Elevation
Name	(feet AMSL)		(ft BMP)	(feet)	(feet)	(feet AMSL)
NY-3	1,005.49	7/23/2008	15.43	0.00	0.00	990.06
NY-3	1,005.49	10/29/2008	15.37	0.00	0.00	990.12
NY-4	1,024.24	7/23/2008	10.55	0.00	0.00	1,013.69
NY-4	1,024.24	10/29/2008	8.85	0.00	0.00	1,015.39
OPCA-MW-1RR	1,016.42	7/16/2008	17.02	0.00	0.00	999.40
OPCA-MW-1RR	1,016.42	7/23/2008	16.41	0.00	0.00	1,000.01
OPCA-MW-1RR*	1,016.42	10/20/2008	18.32	0.00	0.00	998.10
OPCA-MW-1RR	1,016.42	10/29/2008	17.00	0.00	0.00	999.42
OPCA-MW-2R	1,018.84	7/16/2008	23.28	0.00	0.00	995.56
OPCA-MW-2R	1,018.84	7/23/2008	23.16	0.00	0.00	995.68
OPCA-MW-2R*	1,018.84	10/20/2008	23.47	0.00	0.00	995.37
OPCA-MW-2R	1,018.84	10/29/2008	23.11	0.00	0.00	995.73
OPCA-MW-3	1,014.83	7/23/2008	20.06	0.00	0.00	994.77
OPCA-MW-3*	1,014.83	10/22/2008	20.70	0.00	0.00	994.13
OPCA-MW-3	1,014.83	10/29/2008	20.71	0.00	0.00	994.12
OPCA-MW-4	1,018.67	7/23/2008	12.15	0.00	0.00	1,006.52
OPCA-MW-4*	1,018.67	10/20/2008	12.63	0.00	0.00	1,006.04
OPCA-MW-4	1,018.67	10/29/2008	12.26	0.00	0.00	1,006.41
OPCA-MW-5R	1,016.34	7/23/2008	11.68	0.00	0.00	1,004.66
OPCA-MW-5R*	1,016.34	10/21/2008	12.63	0.00	0.00	1,003.71
OPCA-MW-5R	1,016.34	10/29/2008	11.68	0.00	0.00	1,004.66
OPCA-MW-6	1,022.31	7/23/2008	17.01	0.00	0.00	1,005.30
OPCA-MW-6*	1,022.31	10/21/2008	18.50	0.00	0.00	1,003.81
OPCA-MW-6	1,022.31	10/29/2008	15.88	0.00	0.00	1,006.43
OPCA-MW-7	1,026.57	7/23/2008	15.80	0.00	0.00	1,010.77
OPCA-MW-7*	1,026.57	10/21/2008	18.83	0.00	0.00	1,007.74
OPCA-MW-7	1,026.57	10/29/2008	19.10	0.00	0.00	1,007.47
OPCA-MW-8	1,027.40	7/23/2008	11.50	0.00	0.00	1,015.90
OPCA-MW-8*	1,027.40	10/22/2008	12.75	0.00	0.00	1,014.65
OPCA-MW-8	1,027.40	10/29/2008	12.20	0.00	0.00	1,015.20
RF-14	1,001.59	10/28/2008	10.11	0.00	0.00	991.48
RF-14	1,001.59	10/29/2008	10.03	0.00	0.00	991.56
RF-15	1,011.80	10/29/2008	16.34	0.00	0.00	995.46
SCH-4	1,014.05	7/23/2008	9.10	0.00	0.00	1,004.95
SCH-4	1,014.05	10/29/2008	6.43	0.00	0.00	1,007.62
UB-MW-5	1,006.06	10/29/2008	12.58	0.00	0.00	993.48
UB-MW-6	1,019.79	10/29/2008	21.06	0.00	0.00	998.73

Table A-1 Fall 2008 Groundwater Elevation Data

Groundwater Management Area 4 Groundwater Quality Monitoring Interim Report for Fall 2008 General Electric Company - Pittsfield, Massachusetts

	Measuring		Depth	LNAPL	DNAPL	Groundwater
Well	Point Elev.	Date	to Water	Thickness	Thickness	Elevation
Name	(feet AMSL)		(ft BMP)	(feet)	(feet)	(feet AMSL)
Allendale Schoo	Property Mor	nitoring Wells/	Piezometers			
PZ-1	1,005.60	7/23/2008	4.31	0.00	0.00	1,001.29
PZ-1	1,005.60	10/29/2008	1.33	0.00	0.00	1,004.27
PZ-2	1,009.89	7/23/2008	2.14	0.00	0.00	1,007.75
PZ-2	1,009.89	10/29/2008	1.51	0.00	0.00	1,008.38
PZ-3	1,010.43	7/23/2008	2.39	0.00	0.00	1,008.04
PZ-3	1,010.43	10/29/2008	2.24	0.00	0.00	1,008.19
PZ-4	1,007.96	7/23/2008	0.92	0.00	0.00	1,007.04
PZ-4	1,007.96	10/29/2008	0.18	0.00	0.00	1,007.78
SCH-1	1,017.11	7/23/2008	5.96	0.00	0.00	1,011.15
SCH-1	1,017.11	10/29/2008	5.52	0.00	0.00	1,011.59
East Street Area 2	- North (Ground	lwater Managen	nent Area 1)			
ES1-20	1,001.56	7/23/2008	14.60	0.00	0.00	986.96
ES1-20	1,001.56	10/29/2008	14.34	0.00	0.00	987.22
Commercial Street	Commercial Street Site - adjacent to GMA 4					
GMA4-5	993.34	10/29/2008	11.85	0.00	0.00	981.49

Notes:

- 1. ft AMSL feet Above Mean Sea Level.
- 2. ft BMP feet Below Measuring Point.
- 3. * Data taken during fall 2008 sampling round.

Table A-2 Fall 2008 Housatonic River Stage Information - Coltsville Station

Groundwater Management Area 4 Groundwater Quality Monitoring Interim Report for Fall 2008 General Electric Company - Pittsfield, Massachusetts

Date	Maximum Elevation (feet AMSL)	Minimum Elevation (feet AMSL)	Comments
20-Oct	994.20	994.16	Fall 2008 Sampling Round
21-Oct	994.24	994.17	Fall 2008 Sampling Round
22-Oct	994.38	994.21	Fall 2008 Sampling Round
23-Oct	994.40	994.36	Fall 2008 Sampling Round
29-Oct	995.80	995.60	Fall 2008 Semi-Annual Monitoring
30-Oct	995.60	995.30	
31-Oct	995.32	995.15	Fall 2008 Semi-Annual Monitoring

Notes:

- 1. feet AMSL feet Above Mean Sea Level.
- 2. Data obtained from the USGS Housatonic River gauging station located on right bank 250 ft downstream from Hubbard Avenue Bridge at Coltsville, 1.2 mi upstream from Unkamet Brook, and 2 mi northeast of Pittsfield.
- 3. Wells were sampled at GMA 4 October 20-23, 2008.
- 4. The fall 2008 semi-annual monitoring took place on October 29 and 31, 2008.

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Appendix B

Field Sampling Data

Table B-1 Groundwater Sampling Methods

Groundwater Management Area 4 Groundwater Quality Monitoring Interim Report For Fall 2008 General Electric Company - Pittsfield, Massachusetts

Type of Pump Well Number		Average Fall Depth to Water (ft-bgs)	Depth to Till (ft-bgs)	Well Screen Interval (ft-bgs)	Approximate Pump Intake Placement ⁽¹⁾ (ft-bgs)				
78-1	Peristaltic	11.9	12	8-23	14				
78-6	Peristaltic	9.2	13	3-18	12				
GMA4-6	Peristaltic	8.9	>13	3-13	11				
H78B-15	Peristaltic	11.3	14	6-16	14				
H78B-16	Peristaltic	8.7	14	4-14	12				
H78B-17R	Bladder	12.2	14	14.3-23.5	20				
OPCA-MW-1RR	Peristaltic	8.3	28	18-28	23				
OPCA-MW-2R	Bladder	16.4	>23	10-25	17.5				
OPCA-MW-3	Bladder	21.0	>28	18-28	25				
OPCA-MW-4	Peristaltic	13.4	>22	12-22	17				
OPCA-MW-5R	Peristaltic	12.8	17	11.25-21.25	17				
OPCA-MW-6	Submersible	18.6	>25	15-25	22				
OPCA-MW-7	Peristaltic	19.6	18	14-24	18				
OPCA-MW-8	Bladder	13.1	7	13.5-23.5	19				

NOTE:

 Pump intake is generally placed at the center of the saturated well screen in a typical 10-foot screen length well that intersects the water table. Modifications may be required when the water table is above the top of the well screen, for wells with saturated screened lengths greater than 10 feet, and for wells screened across the till interface. The five pump placement categories for GMA 4 are listed below. If the actual depth to water varies significantly from the average values provided above, the pump intake depth is re-assessed in the field and placed accordingly.

<u>Mid-Column</u> Well screen straddles water table and is placed entirely above or below till interface, and less than 10 feet of water is typically present. Therefore, pump intake is located at mid-point between water surface and base of well.

<u>Mid-Screen:</u> Well screen is positioned below the water table and is placed entirely above or below till interface. Therefore, pump intake is to be located at mid-point of the well screen.

<5 ft Below Water Well screen straddles water table and is placed entirely above or below till interface, and greater than 10 feet of water <u>Table</u>: is typically present. Therefore, the pump intake is located five feet or less below the water surface.

<u>Above Till</u> Well screen crosses till interface and water table is present above till surface. Therefore, pump intake is located just <u>Interface:</u> above till interface to facilitate pumping from more permeable upper unit.

<u>Near Till</u> Well screen crosses till interface and water table is present near till surface. Therefore, pump intake is to be located <u>Interface</u>: just above till interface (if sufficient water is present), or as close to till interface as possible if water levels draw down to below that depth during pumping.

Table B-2 Summary Of Historical Groundwater Sampling Methods

Groundwater Management Area 4

Groundwater Quality Monitoring Interim Report For Fall 2008 General Electric Company - Pittsfield, Massachusetts

Well Number	Sampling Method													
	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 200
78-1	PP/BA	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP
	Fall 2002: Water became more turbid during sample collection.													
78-6	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP
	Fall 2007: Lo	owered tubin	g as water le	vel dropped,	adjusted flow	v through cel	I/YSI setup w	/hile filling						
	Fall 2002: PCDD/F sample bottle was damaged during shipment (re-collected next day).													
GMA4-2	PP/BA	PP	PP	PP	NS	NS	NS	NS	NS	NS	NS	NS	NS	BP
	Spring 2004: Well removed from program after completion of baseline monitoring program.													
	Fall 2008: Well added back into program to evaluate compliance with new MCP GW-2 standard for PCBs.													
GMA4-3	PP/BA	PP	PP	PP	NS	NS	NS	NS	NS	NS	NS	NS	NS	BP
	Spring 2004	: Well remov	/ed from prod	aram after co	mpletion of b	-	toring progra	-						
	Spring 2004: Well removed from program after completion of baseline monitoring program. Fall 2008: Well added back into program to evaluate compliance with new MCP GW-2 standard for PCBs.													
GMA4-6	NS	NS	NS	NS	NS	NS	NS	NS	NS	PP	PP	PP	PP	PP
OMA+-0		-	ling after ins	-	-	NO	NO	110	NO					
H78B-15	PP/BA	BP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP
11/00-15			ed to just off					11						
			ple not collec		-11									
			r malfunction		icually cloar									
	PP/BA	BP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	NS	PP
OPCA-MW-1/ OPCA-MW-1R/	FF/BA	DF	FF	FF	FF	FF	FF	FF	FF			FF	NO	
OPA-MW-1RR	Spring 2005: pH meter malfunctioned, corrected in field and recalibrated.													
	Spring 2008: Not sampled due to well decomissioned during sewer re-rerouting project. OPCA-MW-1RR installed summer 2008.													
OPCA-MW-2/	PP/BA	BP	BP	BP	BP	BP	BP	BP	BP	BP	PP	BP	NS	PP
OPCA-MW-2R	Fall 2007: W	ater level pr	be hits top o	of bladder pu	mp	•	•			•	•			
	Spring 2003: Bladder pump to be used instead of submersible pump.													
	Fall 2002: Very low flow rate needed to maintain water levels.													
						ewer re-rerou	iting project.	OPCA-MW-2	R installed s	ummer 2008				
OPCA-MW-3	BP	BP	BP	BP	BP	BP	BP	BP	BP	BP	BP	BP	BP	BP
OPCA-MW-4	PP	BP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP
	Fall 2002: W	ell dried dur	ng sample c	ollection. Sa	mpling comp	leted after re	charge.			•	•			
OPCA-MW-5R	PP/BA	BP	PP	PP	PP	PP	PP	PP	PP	PP	PP	PP	BP	PP
	Fall 2002: W	ell dried dur	na puraina. S	Sample colle	cted after rec	harge.		ب ــــــــــــــــــــــــــــــــــــ		ļ	ļ	۰		
OPCA-MW-6	PP/BA	PP	BP	BP	BP	BP	BP	BP	BP	BP	BP	BP	BP	BP
					dder pump, s							1		1
		0		•		0		for the use of	f a bladder r	oump.				
					.,									

Table B-2 Summary Of Historical Groundwater Sampling Methods

Groundwater Management Area 4

Groundwater Quality Monitoring Interim Report For Fall 2008 General Electric Company - Pittsfield, Massachusetts

Well Number		Sampling Method												
	Spring 2002	Fall 2002	Spring 2003	Fall 2003	Spring 2004	Fall 2004	Spring 2005	Fall 2005	Spring 2006	Fall 2006	Spring 2007	Fall 2007	Spring 2008	Fall 2008
OPCA-MW-7	Fall 2006: E Spring 2006 Fall 2005: W Fall 2002: W	PP/BA NS PP PP												
OPCA-MW-8	BP Fall 2007: P	BP ump off due t	BP to battery. W	BP ell went dry,	BP sampled afte	BP r recharging	BP the following	BP day.	BP	BP	BP	BP	BP	BP

NOTES:

1. BP - Bladder Pump

2. PP - Peristaltic Pump

- 3. BA Bailer
- 4. PP/BA Peristaltic Pump with bailer used for VOC sample collection

5. NS - Not Sampled

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	teadepace (p				Da		14/23/08		
	1	· · · · ·			Weath	er <u>S</u> Ju	1ny - 1416-11	40%	
WELL INFO			~				6	ne 1412	~ `
	ice Point Marl		シー			:	Sample Ti		<u>e</u>
Height o	A Reference F		Meas. Fn	om			Sample Duplicate		
~	Well Diam			- 1			MS/MS		178-11
	en Interval De		Moas. Fr	the second secon			Split Sample		
v.	Vator Table De		1 Moas, Fro				a prote constrained		
) anoth	Well De of Water Colu			m <u> </u>		Require	d Analvti	al Parameters;	Colle
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	n of Pump/Tub		Lgullons	TIC		(5	· voo	Sa (Exp. list)	(
		<u></u>	Moss, Fro			(\mathbf{X})		SVOCs	(x
Reference Poi	int Identificatio	<u>xı</u> :				()	PC	8s (Total)	(
TIC: Top of In						(\mathbf{x})		s (Dissolved)	(X
TOC: Top of C	Duter (Protect	ive) Casing				()		lorganics (Total)	(
Grade/BGS: C	Ground Surfac	29		;	$i_{1} \rightarrow i_{2}$	(\mathbf{X})		panics (Dissolved)	(*
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	d Well Go Dry		B. Sgallo	9 J	Pump Type:	_ GEON			14
·····		Meter Type(s) / :	Serial Numbers:	YST 5	56 41 05	74,	10230AE	on? (Y)N (spe	
Time	Water Quality Pump Rate	Meter Type(s) / : Total Gailone	Water	HACH Temp.	56 41 05	7 03 M A 46500	UD 30AE	DO	ecify) ORP
Time	Pump Rate (L/min.)	Total		HACH	56 mp5 2100 pH	7 <u>0</u> 3 <u>M</u> A 46500 Sp. Cond. (mS/cm)	0230AE -00 Turbidity (NTU)	DO (mg/l)	ORP (mV)
Thme 13:20	Pump Rate	Total Gallone	Water Level	HACH Temp. (Celsius)	56 mps 2100,0	7 03 M A 46500	0230AE 1-00 Turbidity (NTU) (10% or 1 NTUP	000	ORP (mV) [10 mV
Time	Pump Rate (L/min.) (150	Total Gailone Removed TWITIAL	Water Lovel (ft TIC)	HACH Temp. (Celeius) [3%]*	5 (2 un (PS 2 1 00 (2 pH (0.1 units)*	72 () 3 (M 73 () (0500) (mS/cm) (3%)*	6230AE Turbidity (NTU) [10% or 1 NTUP 2]	DO (mg/i) [10% or 0.1 mg/i	ORP (mV)
Three 13:20 13:25	Pump Rate (L/min.) (150)	Total Gailone Removed INIΠAL 750	Water Level (17 TIC) 11.91	HACH Temp. (Celaiua) [3%]* 13: 87	56 m ps 21 00 p pH (0.1 units)** 5.68	7 46500 A 46500 Sp. Cond. (ms/cm) (3%) 0.832	02304E Turbidity (NTU) [10% or 1 NTUP 4 3	DO (mg/i) [10% or 0.1 mg/i	ORP (mV) [10 mV]
Thme 13:20 13:25 (5:30	Pump Rate (L/min.) (150 / 80	Total Gailone Removed INITIAL 750 1650	Water Level (17 TIC) 17	HACH Temp. (Celeius) [3%]*	5 (2 un (PS 2 1 00 (2 pH (0.1 units)*	72 () 3 (M 73 () (0500) (mS/cm) (3%)*	6230AE Turbidity (NTU) [10% or 1 NTUP 2]	DO (mg/l) [10% or 0.1 mg/l	ORP (mV) [10 mV]
Three 13:20 13:25	Pump Rate (L/min.) (150)	Total Gailone Removed INITIAL 750 1650	Water Level (17 TIC) 17	HACH Temp. (Cetaius) 3%)* 13.87 13.95	56 un p5 2100 pH i0.1 unitsp ⁴ 5.68 6,50	7 4 6500 P 46500 (ms/cm) (3%)* 0.832 0.855	0230AE Turbidity (NTU) [10% or 1 NTUP 4 3 3	DO (mg/l) [10% or 0.1 mg/l 	0RP (mV) [10 mV]
Thme 13:20 13:25 (5:30	Pump Rate (L/min.) (150 / 80	Total Gailone Removed IMITIAL 750 1650 2550	Water Level (TTIC) (T.91 (1.91 (1.98 (2.01	HACH Temp. (Colaiua) [3%]*] [3, 87 [3, 87 [3, 95] [4,07]	5(6 un fb5 2100 f ² pH <u>i0.1 units</u>]* 5.68 6.50 (6.52	7 46500 3 46500 (ms/cm) (ms/cm) (3%) 0.832 0.832 0.855 0.857	6230AE -00 Turbidity (NTU) [10% or 1 NTUP -21 -3 -3 -3 -3	DO (mg/l) [10% or 0.1 mg/l 	ORP (mV) [10 mV
Thme 13:20 13:25 (3:30 (3:35 13:40	Pump Rate (Linsin.) (50 / 80 (Total Gailone Removed TNITHL 750 1650 2550 3450	Water Level (1710) (1.91 (1.91 (1.98 (2.01 (2.01	HACH Temp. (Cetaiua) [3%]*] [13:87 [13:95 [14:07 [4].13	56 ur p5 2100 pH i0.1 unitsp ⁴ 5.68 6.50 6.52 6.52	7 46500 3 46500 Sp. Cond. (ms/cm) [3%]* 0.832 0.832 0.855 0.857 0.861	0230AE Turbidity (NTU) [10% or 1 NTUP 4 3 3	DO (mg/l) [10% or 0.1 mg/l 	0RP (mV) [10 mV]
Three 13:20 13:25 (5:30 (3:35 13:40 13:40	Pump Rate (Umin.) (150) / 80) (1 (1 (1 (1) (1)	тота <u>Gailone</u> <u>Removed</u> <u>IMINAL</u> 750 1650 2550 3450 4350	Water Level (17 TIC) 11.91 11.91 11.98 12.01 12.10 12.20	HACH Temp. (Colaiua) [3%]*]] [3, 87 [3, 95 [3, 95 [3, 95 [4, 07 [4, 14] [4, 14]	5(6 un fb5 2100 f ² pH <u>i0.1 units</u>]* 5.68 6.50 (6.52	7 46500 3 46500 Sp. Cond. (ms/cm) [3%]* 0.832 0.832 0.855 0.857 0.861	6230AE -00 Turbidity (NTU) [10% or 1 NTUP -21 -3 -3 -3 -3	DO (mg/l) [10% or 0.1 mg/l 	0RP (mV) [10.mV]
Thme 15:20 13:25 (3:30 (3:35 (3:40 13:40 (3:50)	Pump Rate (Linsin.) (50 / 80 (Total Gailone Removed TNITHL 750 1650 2550 3450	Water Level (1710) (1.91 (1.91 (1.98 (2.01 (2.01	HACH Temp. (Cetaiua) [3%]*] [13:87 [13:95 [14:07 [4].13	56 un p5 2100 p pH 10.1 units p ⁴ 	[#] ^A ^A ^A ^A ^A ^A ^A ^A	6230AE -00 Turbidity (NTU) [10% or 1 NTUP -21 -3 -3 -3 -3	DO (mg/l) [10% or 0.1 mg/l - - - - - - - - - - - - - - - - - - -	0RP (mV) 10 mV
Thme 13:20 13:25 (5:30 (3:35 13:40 13:40 13:40	Pump Rate (Umin.) (150) / 80) (1 (1 (1 (1) (1)	Total Gailone Removed INITIAL 750 1650 2550 3450 4350 5250	Water Level (1710) (1.91) (1.91) (1.98) (2.01) (2.01) (2.20) (2.30) (2.30)	HACH Temp. (Colaiua) [3%]*] [13.87 [13.95 [13.95 [14.07 [4.13] [4.14] [4.18]	56 ur p5 2100 pH i0.1 unitsp ⁴ 5.68 6.50 6.52 6.52 6.46 6.49 6.49	7 46500 P 46500 SP. Cond. (Inskem) [3%] ² 0.832 0.835 0.855 0.857 0.861 0.869	62304E Turbidity (NTU) (10% or 1 NTUP 4 3 3 2 2 2 2 2	$\begin{array}{c} \text{D0} \\ (\text{mg/l}) \\ \hline 10\% \text{ or } 0.1 \text{ mg/l} \\ \hline \\ $	ORP (mV) [10.mV] 305. 230. 230. 203.8 183.6 163.2 163.2
Thme 13:20 13:25 (5:30 (5:35 13:40 13:40 13:40 (3:55 (3:55	Pump Rate (Linsin.) (50) (50) (1) (1) (1) (1) (1) (1)	Total Gailone Removed INITIAL 750 1650 2550 3450 4350 5250 6150	Water Level (1 TIC) (1.91 (1.98 (2.01 (2.01 (2.20 (2.30 (2.30 (2.40	HACH Temp. (Celeius) [3%]* 13.87 13.87 13.95 14.07 14.13 14.14 14.18 (4.23)	56 ur p5 2100,° pH i0.1 unitsp ¹ - 5.68 6,50 6,52 6,52 6,46 6.49 6.49 6.49 6.49 6.53	7 46500 → 46500 ,	0230AE Turbidity (NTU) (10% or 1 NTUP 4 3 3 2 2 2 2 2	$\begin{array}{c} \textbf{D0} \\ (\textbf{mg/l}) \\ (10\% \text{ or } 0.1 \text{ mg/l}) \\ \hline \\ $	ORP (mV) [10.mV] 305. 230. 230. 203.8 183.6 163.2 163.2
Three 15:20 13:25 (3:30 (3:35 (3:40 13:40 (3:55 he stabilization	Pump Rate (L/min.) (50) (180) (1 (1 (1 (1 (1 (1 (1) (1) (1)	Total Gallone Removed IMITIAL 750 1650 2550 3450 4350 5250 6150 ch field parameter	Water Level (17 TIC) 11.91 11.91 11.98 12.01 12.01 12.10 12.20 12.30 12.30 12.40	HACH Temp. (Celsius) [3%]*]] [3, %7 [3, %7 [3, %7 [3, %7 [3, %7 [3, %7 [3, %7 [4, 07 [4, 13] [4, 14] [4, 18] [4, 23] utive readings a	56 un p5 2100 pH i0.1 unitsp ⁴ 5.68 6.50 6.52 6.49 6.49 6.49 6.53 00,53	7 46500 3 46500 (ms/cm) 3%1 0.832 0.832 0.855 0.855 0.855 0.861 0.869 0.873 0.873	6 2 3 0 A E 100 Turbidity (NTU) (10% or 1 NTUP 4 3 3 3 2 2 2 10% or 1 NTUP 4 3 2 2 2 10% or 1 NTUP 4 3 2 2 2 10% or 1 NTUP 4 3 2 2 10% or 1 NTUP 4 10% or 1 NTUP 10% or 1 NTUP 2 2 10% or 1 NTUP 10% or 1 NTUP 10% or 1 NTUP 10% or 1 NTUP 2 2 10% or 1 NTUP 2 10% or 1 NTUP 10% or 1 NT	$\begin{array}{c} \textbf{D0} \\ (\textbf{mg/l}) \\ [10\% \text{ or } 0.1 \text{ mg/l}] \\ \hline \hline \\ \hline $	ORP (mW) [10.mV
Time 13:20 13:25 (3:30 13:40 13:40 13:40 13:40 13:50 13:55 The stabilization	Pump Rate (L/min.) (50) (180) (1 (1 (1 (1 (1 (1 (1) (1) (1)	Total Gailone Removed INITIAL 750 1650 2550 3450 4350 5250 6150	Water Level (17 TIC) 11.91 11.91 11.98 12.01 12.01 12.10 12.20 12.30 12.30 12.40	HACH Temp. (Celsius) [3%]*]] [3, %7 [3, %7 [3, %7 [3, %7 [3, %7 [3, %7 [3, %7 [4, 07 [4, 13] [4, 14] [4, 18] [4, 23] utive readings a	56 un p5 2100 pH i0.1 unitsp ⁴ 5.68 6.50 6.52 6.49 6.49 6.49 6.53 00,53	7 46500 3 46500 (ms/cm) 3%1 0.832 0.832 0.855 0.855 0.855 0.861 0.869 0.873 0.873	6 2 3 0 A E 100 Turbidity (NTU) (10% or 1 NTUP 4 3 3 3 2 2 2 10% or 1 NTUP 4 3 2 2 2 10% or 1 NTUP 4 3 2 2 2 10% or 1 NTUP 4 3 2 2 10% or 1 NTUP 4 10% or 1 NTUP 10% or 1 NTUP 2 2 10% or 1 NTUP 10% or 1 NTUP 10% or 1 NTUP 10% or 1 NTUP 2 2 10% or 1 NTUP 2 10% or 1 NTUP 10% or 1 NT	$\begin{array}{c} \textbf{D0} \\ (\textbf{mg/l}) \\ [10\% \text{ or } 0.1 \text{ mg/l}] \\ \hline \hline \\ \hline $	ORP (mV) [10 mV] 305 230, 230, 230, 183,6 163,2 149,7 137,2
Time 13:20 13:25 (3:30 13:40 13:40 13:40 13:40 13:50 13:55 The stabilization	Pump Rate (L/min.) (50) (180) (1 (1 (1 (1 (1 (1 (1) (1) (1)	Total Gallone Removed IMITIAL 750 1650 2550 3450 4350 5250 6150 ch field parameter	Water Level (17 TIC) 11.91 11.91 11.98 12.01 12.01 12.10 12.20 12.30 12.30 12.40	HACH Temp. (Celeius) [3%]*]] [3, %7 [3, %7 [3, %7 [3, %7 [3, %7 [3, %7 [3, %7 [4, 07 [4, 13] [4, 14] [4, 18] [4, 23] utive readings a	56 un p5 2100 pH i0.1 unitsp ⁴ 5.68 6.50 6.52 6.49 6.49 6.49 6.53 00,53	7 46500 3 46500 (ms/cm) 3%1 0.832 0.832 0.855 0.855 0.855 0.861 0.869 0.873 0.873	0230AE Turbidity (NTU) (10% or 1 NTUP 4 3 3 2 2 2 2 2	$\begin{array}{c} \textbf{D0} \\ (\textbf{mg/l}) \\ [10\% \text{ or } 0.1 \text{ mg/l}] \\ \hline \hline \\ \hline $	ORP (mW) [10 mV
Time 13:20 13:25 (3:30 13:40 13:40 13:40 13:40 13:50 13:55 The stabilization	Pump Rate (L/min.) (50) (180) (1 (1 (1 (1 (1 (1 (1) (1) (1)	Total Gallone Removed IMITIAL 750 1650 2550 3450 4350 5250 6150 ch field parameter	Water Level (17 TIC) 11.91 11.91 11.98 12.01 12.01 12.10 12.20 12.30 12.30 12.40	HACH Temp. (Celeius) [3%]*]] [3, %7 [3, %7 [3, %7 [3, %7 [3, %7 [3, %7 [3, %7 [4, 07 [4, 13] [4, 14] [4, 18] [4, 23] utive readings a	56 un p5 2100 pH i0.1 unitsp ⁴ 5.68 6.50 6.52 6.49 6.49 6.49 6.53 00,53	7 46500 3 46500 (ms/cm) 3%1 0.832 0.832 0.855 0.855 0.855 0.861 0.869 0.873 0.873	6 2 3 0 A E 100 Turbidity (NTU) (10% or 1 NTUP 4 3 3 3 2 2 2 10% or 1 NTUP 4 3 2 2 2 10% or 1 NTUP 4 3 2 2 2 10% or 1 NTUP 4 3 2 2 10% or 1 NTUP 4 10% or 1 NTUP 10% or 1 NTUP 2 2 10% or 1 NTUP 10% or 1 NTUP 10% or 1 NTUP 10% or 1 NTUP 2 2 10% or 1 NTUP 2 10% or 1 NTUP 10% or 1 NT	$\begin{array}{c} \textbf{D0} \\ (\textbf{mg/l}) \\ [10\% \text{ or } 0.1 \text{ mg/l}] \\ \hline \hline \\ \hline $	ORP (mV) [10 mV
Time 13:20 13:25 (3:30 13:40 13:40 13:40 13:40 13:50 13:55 The stabilization	Pump Rate (L/min.) (50) (180) (1 (1 (1 (1 (1 (1 (1) (1) (1)	Total Gallone Removed IMITIAL 750 1650 2550 3450 4350 5250 6150 ch field parameter	Water Level (17 TIC) 11.91 11.91 11.98 12.01 12.01 12.10 12.20 12.30 12.30 12.40	HACH Temp. (Celeius) [3%]*]] [3, %7 [3, %7 [3, %7 [3, %7 [3, %7 [3, %7 [3, %7 [4, 07 [4, 13] [4, 14] [4, 18] [4, 23] utive readings a	56 un p5 2100 pH i0.1 unitsp ⁴ 5.68 6.50 6.52 6.49 6.49 6.49 6.53 00,53	7 46500 3 46500 (ms/cm) 3%1 0.832 0.832 0.855 0.855 0.855 0.861 0.869 0.873 0.873	6 2 3 0 A E 100 Turbidity (NTU) (10% or 1 NTUP 4 3 3 3 2 2 2 10% or 1 NTUP 4 3 2 2 2 10% or 1 NTUP 4 3 2 2 2 10% or 1 NTUP 4 3 2 2 10% or 1 NTUP 4 10% or 1 NTUP 10% or 1 NTUP 2 2 10% or 1 NTUP 10% or 1 NTUP 10% or 1 NTUP 10% or 1 NTUP 2 2 10% or 1 NTUP 2 10% or 1 NTUP 10% or 1 NT	$\begin{array}{c} \textbf{D0} \\ (\textbf{mg/l}) \\ [10\% \text{ or } 0.1 \text{ mg/l}] \\ \hline \hline \\ \hline $	ORP (mV) (mV) 10 mV 305 230, 230, 230, 183,6 163,2 149,7 137,2
Time 13:20 13:25 (3:35 13:40 13:40 13:40 13:40 (3:55 The stabilization SSERVATIONS	Pump Rate (Linsin.) (50) (150) (1 (1 (1 (1) (1) (1) (1) (2) (2) (1) (2) (2) (2) (2) (2) (2) (2) (2	Total Gallone Removed IMITIAL 750 1650 2550 3450 4350 5250 6150 ch field parameter	Water Level (17 TIC) 11.91 11.91 11.98 12.01 12.01 12.10 12.20 12.30 12.30 12.40	HACH Temp. (Celeius) [3%]*]] [3, %7 [3, %7 [3, %7 [3, %7 [3, %7 [3, %7 [3, %7 [4, 07 [4, 13] [4, 14] [4, 18] [4, 23] utive readings a	56 un p5 2100 pH i0.1 unitsp ⁴ 5.68 6.50 6.52 6.49 6.49 6.49 6.53 00,53	7 46500 3 46500 (ms/cm) 3%1 0.832 0.832 0.855 0.855 0.855 0.861 0.869 0.873 0.873	6 2 3 0 A E 100 Turbidity (NTU) (10% or 1 NTUP 4 3 3 3 2 2 2 10% or 1 NTUP 4 3 2 2 2 10% or 1 NTUP 4 3 2 2 2 10% or 1 NTUP 4 3 2 2 10% or 1 NTUP 4 10% or 1 NTUP 10% or 1 NTUP 2 2 10% or 1 NTUP 10% or 1 NTUP 10% or 1 NTUP 10% or 1 NTUP 2 2 10% or 1 NTUP 2 10% or 1 NTUP 10% or 1 NT	$\begin{array}{c} \textbf{D0} \\ (\textbf{mg/l}) \\ [10\% \text{ or } 0.1 \text{ mg/l}] \\ \hline \hline \\ \hline $	ORP (mV) [10 mV] 305 230, 230, 230, 183,6 163,2 149,7 137,2
Time 13.20 13.25 (3.35 13.40 13.40 13.40 (3.55 The stabilization SSERVATIONS	Pump Rate (Linsin.) (50) (150) (1 (1 (1 (1) (1) (1) (1) (2) (1) (2) (2) (1) (2) (2) (2) (2) (2) (2) (2) (2	Total Gallone Removed IMITIAL 750 1650 2550 3450 4350 5250 6150 ch field parameter	Water Level (17 TIC) 11.91 11.91 11.98 12.01 12.01 12.10 12.20 12.30 12.30 12.40	HACH Temp. (Celeius) [3%]*]] [3, %7 [3, %7 [3, %7 [3, %7 [3, %7 [3, %7 [3, %7 [4, 07 [4, 13] [4, 14] [4, 18] [4, 23] utive readings a	56 un p5 2100 pH i0.1 unitsp ⁴ 5.68 6.50 6.52 6.49 6.49 6.49 6.53 00,53	7 46500 3 46500 (ms/cm) 3%1 0.832 0.832 0.855 0.855 0.855 0.861 0.869 0.873 0.873	6 2 3 0 A E 100 Turbidity (NTU) (10% or 1 NTUP 4 3 3 3 2 2 2 10% or 1 NTUP 4 3 2 2 2 10% or 1 NTUP 4 3 2 2 2 10% or 1 NTUP 4 3 2 2 10% or 1 NTUP 4 10% or 1 NTUP 10% or 1 NTUP 2 2 10% or 1 NTUP 10% or 1 NTUP 10% or 1 NTUP 10% or 1 NTUP 2 2 10% or 1 NTUP 2 10% or 1 NTUP 10% or 1 NT	$\begin{array}{c} \textbf{D0} \\ (\textbf{mg/l}) \\ [10\% \text{ or } 0.1 \text{ mg/l}] \\ \hline \hline \\ \hline $	ORP (mV) [10 mV] 305 230, 230, 230, 183,6 163,2 149,7 137,2
Time 13.20 13.25 (3.35 13.40 13.40 13.40 (3.55 The stabilization SSERVATIONS MPLE DESTINA Laboratory:	Pump Rate (Linsin.) (50) (150) (1 (1 (1 (1) (1) (1) (1) (1)	Total Gallone Removed IMITIAL 750 1650 2550 3450 4350 5250 6150 ch field parameter	Water Level (17 TIC) 11.91 11.91 11.98 12.01 12.01 12.10 12.20 12.30 12.30 12.40	HACH Temp. (Celeius) [3%]*]] [3, %7 [3, %7 [3, %7 [3, %7 [3, %7 [3, %7 [3, %7 [4, 07 [4, 13] [4, 14] [4, 18] [4, 23] utive readings a	56 un p5 2100 pH i0.1 unitsp ⁴ 5.68 6.50 6.52 6.49 6.49 6.49 6.53 00,53	7 46500 3 46500 (ms/cm) 3%1 0.832 0.832 0.855 0.855 0.855 0.861 0.869 0.873 0.873	6 2 3 0 A E 100 Turbidity (NTU) (10% or 1 NTUP 4 3 3 3 2 2 2 10% or 1 NTUP 4 3 2 2 2 10% or 1 NTUP 4 3 2 2 2 10% or 1 NTUP 4 3 2 2 10% or 1 NTUP 4 10% or 1 NTUP 10% or 1 NTUP 2 2 10% or 1 NTUP 10% or 1 NTUP 10% or 1 NTUP 10% or 1 NTUP 2 2 10% or 1 NTUP 2 10% or 1 NTUP 10% or 1 NT	$\begin{array}{c} \textbf{D0} \\ (\textbf{mg/l}) \\ [10\% \text{ or } 0.1 \text{ mg/l}] \\ \hline \hline \\ \hline $	ORP (mV) [10 mV] 305 230, 230, 230, 183,6 163,2 149,7 137,2
Time 13:20 13:25 (3:35 13:40 13:40 13:40 13:55 The stabilization SERVATIONS MPLE DESTINA Laboratory: 	Pump Rate (Linsin.) (50) (150) (1 (1 (1 (1) (1) (1) (1) (2) (1) (2) (2) (1) (2) (2) (2) (2) (2) (2) (2) (2	Total Gallone Removed IMITIAL 750 1650 2550 3450 4350 5250 6150 ch field parameter	Water Level (17 TIC) 11.91 11.91 11.98 12.01 12.01 12.10 12.20 12.30 12.30 12.40	HACH Temp. (Celeius) [3%]*]] [3, %7 [3, %7 [3, %7 [3, %7 [3, %7 [3, %7 [3, %7 [4, 07 [4, 13] [4, 14] [4, 18] [4, 23] utive readings a	56 un p5 2100 pH i0.1 unitsp ⁴ 5.68 6.50 6.52 6.49 6.49 6.49 6.53 00,53	7 46500 3 46500 (ms/cm) 3%1 0.832 0.832 0.855 0.855 0.855 0.861 0.869 0.873 0.873	6 2 3 0 A E 100 Turbidity (NTU) (10% or 1 NTUP 4 3 3 3 2 2 2 10% or 1 NTUP 4 3 2 2 2 10% or 1 NTUP 4 3 2 2 2 10% or 1 NTUP 4 3 2 2 10% or 1 NTUP 4 10% or 1 NTUP 10% or 1 NTUP 2 2 10% or 1 NTUP 10% or 1 NTUP 10% or 1 NTUP 10% or 1 NTUP 2 2 10% or 1 NTUP 2 10% or 1 NTUP 10% or 1 NT	$\begin{array}{c} \textbf{D0} \\ (\textbf{mg/l}) \\ [10\% \text{ or } 0.1 \text{ mg/l}] \\ \hline \hline \\ \hline $	ORP (mV) [10 mV] 305 230, 230, 230, 183,6 163,2 149,7 137,2
Time 13.20 13.25 (3.35 13.40 13.40 (3.55 The stabilization SSERVATIONS MPLE DESTINA Laboratory:	Pump Rate (Linsin.) (50) (150) (1 (1 (1 (1) (1) (1) (1) (1)	Total Gallone Removed IMITIAL 750 1650 2550 3450 4350 5250 6150 ch field parameter	Water Level (17 TIC) 11.91 11.91 11.98 12.01 12.01 12.10 12.20 12.30 12.30 12.40	HACH Temp. (Celeius) [3%]*] [13.87 [13.95 [14.07 [4.13 [4.13 [4.13] [4.18 [4.23] Utive readings of	56 un p5 2100 pH i0.1 unitsp ⁴ 5.68 6.50 6.52 6.49 6.49 6.49 6.53 00,53	7 46500 3 46500 3 50 cond. (ms/cm) 3 3 50 0.832 0.835 0.855 0.857 0.861 0.869 0.873 5-minute interva clear - D	6 2 3 0 A E 100 Turbidity (NTU) (10% or 1 NTUP 4 3 3 3 2 2 2 10% or 1 NTUP 4 3 2 2 2 10% or 1 NTUP 4 3 2 2 2 10% or 1 NTUP 4 3 2 2 10% or 1 NTUP 4 10% or 1 NTUP 10% or 1 NTUP 2 2 10% or 1 NTUP 10% or 1 NTUP 10% or 1 NTUP 10% or 1 NTUP 2 2 10% or 1 NTUP 2 10% or 1 NTUP 10% or 1 NT	$\begin{array}{c} \textbf{D0} \\ (\textbf{mg/l}) \\ [10\% \text{ or } 0.1 \text{ mg/l}] \\ \hline \hline \\ \hline $	ORP (mV) [10 mV] 305 230, 230, 230, 183,6 163,2 149,7 137,2
Time 13:20 13:25 (3:35 13:40 13:40 13:40 13:55 The stabilization SERVATIONS MPLE DESTINA Laboratory: 	Pump Rate (Linsin.) (50) (150) (1 (1 (1 (1) (1) (1) (1) (1)	Total Gallone Removed IMITIAL 750 1650 2550 3450 4350 5250 6150 ch field parameter	Water Level (17 TIC) 11.91 11.91 11.98 12.01 12.01 12.10 12.20 12.30 12.30 12.40	HACH Temp. (Celeius) [3%]*] [13.87 [13.95 [14.07 [4.13 [4.13 [4.13] [4.18 [4.23] Utive readings of	5 (6 un ps 2100, ² pH i0.1 unitsp ⁴ 5.68 6.50 6.52 6.46 6.46 6.49 6.49 6.49 6.49 6.53 01ected at 3- to 5 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55	7 46500 3 46500 3 50 cond. (ms/cm) 3 3 50 0.832 0.835 0.855 0.857 0.861 0.869 0.873 5-minute interva clear - D	6 2 3 0 A E 100 Turbidity (NTU) (10% or 1 NTUP 4 3 3 3 2 2 2 10% or 1 NTUP 4 3 2 2 2 10% or 1 NTUP 4 3 2 2 2 10% or 1 NTUP 4 3 2 2 10% or 1 NTUP 4 10% or 1 NTUP 10% or 1 NTUP 2 2 10% or 1 NTUP 10% or 1 NTUP 10% or 1 NTUP 10% or 1 NTUP 2 2 10% or 1 NTUP 2 10% or 1 NTUP 10% or 1 NT	$\begin{array}{c} \textbf{D0} \\ (\textbf{mg/l}) \\ [10\% \text{ or } 0.1 \text{ mg/l}] \\ \hline \hline \\ \hline $	ORP (mV) [10 mV] 305 230, 230, 230, 183,6 163,2 149,7 137,2
Time 13:20 13:25 (3:30 13:40 13:40 13:40 13:55 The stabilization SSERVATIONS MPLE DESTRU Laboratory: Bivered Via: Airbil #:	Pump Rate (L/min.) 150 180 11 11 11 11 11 11 11 1	Total Gallone Removed IMITIAL 750 1650 2550 3450 4350 5250 6150 ch field parameter	Water Level (17 TIC) 11.91 11.91 11.98 12.01 12.01 12.10 12.20 12.30 12.30 12.40	HACH Temp. (Celeius) [3%]*] [13.87 [13.95 [14.07 [4.13 [4.13 [4.13] [4.18 [4.23] Utive readings of	5 (6 un ps 2100, ² pH i0.1 unitsp ⁴ 5.68 6.50 6.52 6.46 6.46 6.49 6.49 6.49 6.49 6.53 01ected at 3- to 5 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55	7 46500 3 46500 3 50 cond. (ms/cm) 3 3 50 0.832 0.835 0.855 0.857 0.861 0.869 0.873 5-minute interva clear - D	6 2 3 0 A E 100 Turbidity (NTU) (10% or 1 NTUP 4 3 3 3 2 2 2 10% or 1 NTUP 4 3 2 2 2 10% or 1 NTUP 4 3 2 2 2 10% or 1 NTUP 4 3 2 2 10% or 1 NTUP 4 10% or 1 NTUP 10% or 1 NTUP 2 2 10% or 1 NTUP 10% or 1 NTUP 10% or 1 NTUP 10% or 1 NTUP 2 2 10% or 1 NTUP 2 10% or 1 NTUP 10% or 1 NT	$\begin{array}{c} \textbf{D0} \\ (\textbf{mg/l}) \\ [10\% \text{ or } 0.1 \text{ mg/l}] \\ \hline \hline \\ \hline $	ORP (mV) [10 mV] 305 230, 230, 230, 183,6 163,2 149,7 137,2
Time 15:20 13:25 (3:35 13:40 13:40 13:40 13:40 13:55 The stabilization SERVATIONS MPLE DESTINA Laboratory: 	Pump Rate (L/min.) 150 180 11 11 11 11 11 11 11 1	Total Gallone Removed IMITIAL 750 1650 2550 3450 4350 5250 6150 ch field parameter	Water Level (17 TIC) 11.91 11.91 11.98 12.01 12.01 12.10 12.20 12.30 12.30 12.40	HACH Temp. (Celeius) [3%]*] [13.87 [13.95 [14.07 [4.13 [4.13 [4.13] [4.18 [4.23] Utive readings of	5 (6 un ps 2100, ² pH i0.1 unitsp ⁴ 5.68 6.50 6.52 6.46 6.46 6.49 6.49 6.49 6.49 6.53 01ected at 3- to 5 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55	7 46500 3 46500 3 50 cond. (ms/cm) 3 3 50 0.832 0.835 0.855 0.857 0.861 0.869 0.873 5-minute interva clear - D	6 2 3 0 A E 100 Turbidity (NTU) (10% or 1 NTUP 4 3 3 3 2 2 2 10% or 1 NTUP 4 3 2 2 2 10% or 1 NTUP 4 3 2 2 2 10% or 1 NTUP 4 3 2 2 10% or 1 NTUP 4 10% or 1 NTUP 10% or 1 NTUP 2 2 10% or 1 NTUP 10% or 1 NTUP 10% or 1 NTUP 10% or 1 NTUP 2 2 10% or 1 NTUP 2 10% or 1 NTUP 10% or 1 NT	$\begin{array}{c} \textbf{D0} \\ (\textbf{mg/l}) \\ [10\% \text{ or } 0.1 \text{ mg/l}] \\ \hline \hline \\ \hline $	ORP (mV) [10 mV] 305 230, 230, 230, 183,6 163,2 149,7 137,2
Time 13:20 13:25 (3:30 13:40 13:40 13:40 13:55 The stabilization SSERVATIONS MPLE DESTRU Laboratory: Bivered Via: Airbil #:	Pump Rate (L/min.) 150 180 11 11 11 11 11 11 11 1	Total Gallone Removed IMITIAL 750 1650 2550 3450 4350 5250 6150 ch field parameter	Water Level (17 TIC) 11.91 11.91 11.98 12.01 12.01 12.10 12.20 12.30 12.30 12.40	HACH Temp. (Celeius) [3%]*] [13.87 [13.95 [14.07 [4.13 [4.13 [4.13] [4.18 [4.23] Utive readings of	5 (6 un ps 2100, ² pH i0.1 unitsp ⁴ 5.68 6.50 6.52 6.46 6.46 6.49 6.49 6.49 6.49 6.53 01ected at 3- to 5 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55 0.55	7 46500 3 46500 3 50 cond. (Inskem) 3 3 50 0.832 0.835 0.855 0.857 0.861 0.869 0.873 5-minute interva clear - D	6 2 3 0 A E 100 Turbidity (NTU) (10% or 1 NTUP 4 3 3 3 2 2 2 10% or 1 NTUP 4 3 2 2 2 10% or 1 NTUP 4 3 2 2 2 10% or 1 NTUP 4 3 2 2 10% or 1 NTUP 4 10% or 1 NTUP 10% or 1 NTUP 2 2 10% or 1 NTUP 10% or 1 NTUP 10% or 1 NTUP 10% or 1 NTUP 2 2 10% or 1 NTUP 2 10% or 1 NTUP 10% or 1 NT	$\begin{array}{c} \textbf{D0} \\ (\textbf{mg/l}) \\ [10\% \text{ or } 0.1 \text{ mg/l}] \\ \hline \hline \\ \hline $	ORP (mV) [10 mV] 305 230, 230, 230, 183,6 163,2 149,7 137,2

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Well No. 78-1

Site/GMA Name _____ G.M.A. +1 Sampling Personnel Emc/1)A

Date <u>16/23/08</u> Weather <u>Scary - 111011 40's</u>

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WELL INFORMATION - See Page 1

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm)	Turbidity (NTU)	DO (mg/l)	ORP (mV)
14:00	581	6900	12.40	14.22	6.52	[3%]*	[10% or 1 NTU]*	[10% or 0.1 mg/l]*	[10 mV]*
14:05	180	7800	12.47	141,29	6.52	0.876	2	OLIS	126.1
14:10	11	8760	12.61	14.27	6.52	0.817		0.14	119.5
14:13	11	9600	12.77	14,29		0.880	5	0.13	110.8
14:16	11	10500	12.87	14.27	<u>6.54</u>	0.881	2	0,12	105.8
	SAMPLE				(2, ?)	0.305	2	0.13	101.1
									······
							F		
e stabilization	criteria for each	i field parameter	(three consecu	tive readings co	lected at 3- to f	5-minute interval	s) is listed in each	Column booding	
ERVATIONS	SAMPLING MI	THOD DEVIAT	IONS	Finel	purge-	Clear - S	light oclar	C.	

V.IGE_PitIsfield_General_Confidential/Reports and Presentations/FSP_QAPP UpdateREV04VAllachment D-2GWsampform_DRAFTv1.x/s

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Kay No. PID Background (pp				014-10000-0-00	CHAI	1	×	
PID Background (pp	MA		84	Sile/GBLA Nei Impling Personi				
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Well Hendepace (pp	m) ///	-) Da		108		
				Weath		237°F 0	verage	·····
WELL INFORMATION	-					-	15-1	12
Reference Point Mark		2 .	• •		:	Sample T		7.5
Height of Reference Pr		Meas. Fro	m BLS			Sample		3-6
. Weil Diame						Duplicate		
Screen Interval De		3. Moes. Fro	m BLS			MSA		· · · · · · · · · · · · · · · · · · ·
Water Table Dep		Mona, Fro	TIC m			Spilt Sample		
Weil Dep Length of Water Colur		Mone, Fro	m TTC		Required	Annake	cal Parametera;	
Volume of Water in W	m <u>7 / / / / / / / / / / / / / / / / / / </u>	- 	land		\mathbf{X}		Cs (Std. int)	Collected
Intake Depth of Pump/Tubi	ing 12.8				(3		Ca (Exp. list)	(F)
	19 10.0	Moss. From	The		$\langle \mathbf{X} \rangle$		SVOCa	
Reference Point Identification	••			• •	$\langle \cdot \rangle$	PC	Ba (Total)	1
TIC: Top of Inner (PVC) Cas					(\mathbf{X})		s (Dissolved)	
TOC: Top of Outer (Protectiv	ne) Casina			•	()	Metals/I	iorganica (Total)	· T
Grade/BGS: Ground Surface	3			- 1	$\langle \mathbf{x} \rangle$	Metaia/Inor	ganics (Dissolved)	
\cap					(´_)	EPA Cy	nide (Dissolved)	
Redevelop? Y N				. •	(\mathbf{X})	PAC Cy	nide (Dissolved)	iLi
				•	(\mathbf{x})	. PCI	Os/PCDFs	(\mathbf{T})
· .					. ()		les/Herbicides	
					· (1)		Attenuation	()
VACUATION INFORMATION		••			(\mathcal{L})	Oth	w (Specify)	(tr)
Pump Start Time		2				<u> </u>	Itido.	
Pump Stop Time		-	+	Evacuation Me	thod: Bailer			
Minutes of Pumping				Peristallic Pun		() Bladder Ibmensible Pump	Pump ()	V
Volume of Water Removed		r ((and		Pump Type:		Polando	() Other/Sp	ecity ()
Did Well Go Dry?	Y (N)'				ted by same me	thod as evacuation	m? (T) N (spec	
Pump	Aeter Type(s) / S	iorial Numbers: Water	YSI Temp.	556 /	mps(#	· · · ·	CH 2100	P Turb.
Time Rate	Gallons	.53Level	(Celsius)		Sp. Cond. (mS/cm)	Turbidity	DO	ORP
(L/min.)	Removal	(n TIC)	[3%]*	j0.1 units)*	[3%]*	(NTU) [10% or 1 NTU]*	(mg/i)	(mV)
440 200	1999 -	8.44					[10% or 0.1 mg/i]*	[10 mV]*
443 7	0.69					82		
						86		
	0.85				/	(cd		
446						~ ~ ~		
	2.0.991	4.12				88		
449 180		9.12				88 74	/	
4 49 180 4 52	1.14	4.12						
4 49 180 4 52	1.14	4.12				74 71		
4 49 180 4 52 4 55	1.14							\angle
4 49 180 4 52 9 55 4 58 180	1.14	9.12				74 71 65		4
4 49 180 4 52 4 55 4 58 180 50(1.14 1.28 1.42 1.56	9.15				74 71 65 67		
4 49 180 4 52 4 55 4 58 180 50(1.14 1.28 1.42 1.56	9.15				74 71 65 67		
4 4 4 1 60 4 52 4 55 4 56 1 60 50(stabilization criteria for each SERVATIONS/SAMPLING IN	1-14 1-28 1-42 1-56 1 field parameter ETHOD DEVIAT	9.15 (three consecutions	Ave readings co	Hectand at 3- to 5	minute intervale	74 71 65 67	column heading.	
4 49 180 4 52 4 55 4 58 180 50(stabilization ordering for each SERVATIONS/SAMPLING ME FOOLD' I OGE : //	1.14 1.28 1.42 1.56 1 field parameter ETHOD DEVIAT Q21/08	9.15 (three consecutions	Ave readings co	Hectined at 3- to 5	minuto intervale	74 71 65 67	xolumn heading.	
4 4 4 1 40 4 52 4 55 4 58 1 80 50(• stabilization criteria for each RERVATIONS/SAMPLING IN TOOLOGIC: //	1-14 1-28 1-42 1-56 1 field parameter ETHOD DEVIAT	9.15 (three consecutions	Ave readings co	Hected at 3- to 5	minuto intervale	74 71 65 67	xolumn heading.	
4 49 180 4 52 4 55 4 58 180 50(stabilization ordering for each SERVATIONS/SAMPLING ME FOOLD' I OGE : //	1.14 1.28 1.42 1.56 1 field parameter ETHOD DEVIAT Q21/08	9.15 (three consecutions	Ave readings co	ected at 3- to 5	minuto intervale	74 71 65 67	xolumn heading.	
14 49 180 14 52 14 55 14 58 180 50(10 stabilization criteria for each 50(10 stabilization criteria for each 50(10 stabilization criteria for each 10 stabilization criteria for each	1.14 1.28 1.42 1.56 1 field parameter ETHOD DEVIAT Q21/08	9.15 (three consecutions	Ave readings co	Rected at 3- to 5	minuto intervale	74 71 65 67	xolumn heading.	
4 4 4 1 60 4 52 4 55 4 58 1 60 50(• stabilization criteria for each SERVATIONS/SAMPLING ME COED/ OGE: 10 10 51:04 000 0 51:04 000 0 51:04 000 0 51:04 000 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 0 50 5	1.14 1.28 1.42 1.56 1 field parameter ETHOD DEVIAT Q21/08	9.15 (three consecutions	Ave readings co	Rected at 3- to 5	minuto intervale	74 71 65 67	xolumn heading.	
4 4 4 1 60 4 52 4 55 4 58 1 60 50(• stabilization criteria for each SERVATIONS/SAMPLING ME COEDINGSE: 10 10 51:04 000 PLE DESTINATION aboratory: 565	1.14 1.28 1.42 1.56 1 field parameter ETHOD DEVIAT Q21/08	9.15 (three consecutions	ive readings co	Rectard at 3- to 5	minuto intervale	74 71 65 67	xolumn heading.	
4 4 4 1 40 4 52 4 55 4 55 5 0 (5 0 (1.14 1.28 1.42 1.56 1 field parameter ETHOD DEVIAT Q21/08	9.15 (three consecutions				74 71 65 67	xolumn heading.	
4 4 9 1 60 4 52 4 55 4 58 1 60 50(• stabilization criteria for each ERVATIONS/SAMPLING ME COEDINGS: 10 10 51000 000000000000000000000000000000000	1.14 1.28 1.42 1.56 1 field parameter ETHOD DEVIAT Q21/08	9.15 (three consecutions		Hected at 3- to 5		74 71 65 67	xolumn heading.	
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78-b Well No.

Site/GMA Name _____ Sampling Personnel _____

Date

Weather

GMA

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Overcast

WELL INFORMATION - See Page 1

Time	Pump Rate	Total Gallon s	Water Level	Temp. (Celsius)	рН	Sp. Cond. (mS/cm)	Turbidity (NTU)	DO (mg/l)	ORP (mV)
	(L/min.)	Removed	(R TIC)	[3%]*	[0.1 units]*	[3%]*		[10% or 0.1 mg/[]*	(mV) [10 mV]*
1504		#1.40	9.17				54		
1507		1.85					57		
1510		1.99					49		
1515	210	2.27	9.18	14.25	6.96	2.129		1.02	-61.7
1520		2.54		13.91	6.87	2.130	39	0.34	-74.3
1525		2.82	9.19	13.96	6.85	2.092	41	0.26	-85.4
15 30		3-10		14.04	6.95	2.070	36	0.22	-85.4
15 33		3-27	9.19	13.95	6.85	2.068	36	0.34	-82.7
1536	140	3.41		13A1	6.86	2.050	33	0.25	- 78.0
1539		3.56		13,88	6.84	2.026	28	0.17	- 54.8
1542	•		9.20	13.97	6.92	2.016	58	0.18	-48
1545		3.84		13,97	6.93	2.010	28	0.18	- 50.
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* The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading. OBSERVATIONS/SAMPLING METHOD DEVIATIONS

V:\GE_Pittsfield_General_Confidentia/Reports and Procentations/FSP_QAPP UpdateREV04/Attachment D-2GWsampform_DRAFTv1.xta

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•	ackground (pj	em) ()			mpling Personne		Sinc		
	tendepace (pr				Dat		\$22/0x		
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WELL INFO	RMATION							. 2 .	
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	of Reference P		Mana En	om GRow	4.10	I	Sample	10 GMAY-	2
	Well Diame						Duplicate	ID	
Scn	oen Interval De	pth 9.59-	-19. Moas. Fro	- TIC			MSAMS		
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	Well De		O Meas, Fro			Dominist			
	of Water Colu		•			Required		al Parameters:	Col
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intake Dept	h of Pump/Tub	ing_14.40	Moss, Fro	m TIC				Sta (Exp. list)	(
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Gradia/ROCE	Outer (Protectiv Ground Surface	ve) Casing				()		ganics (Dissolved)	(,
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EVACUATION	INFORMATIO	N	3			()	Othe	# (Specify)	(
P	ump Start Time	. 11:30	2						
P	ump Stop Time	13:10	5		-				
Minu	ites of Pumping	100		•	Evacuation Me			Pump (K)	
Volume of V	Vater Removed		-Zgullons		Peristattic Pum		ubmensible Pump	() Other/s	ipecty (
	id Well Go Dry?	YIN			Pump Type:	Marsi	chulk-syst	tom On	
		\bigcirc			Samples collect	ted by same m	othod as evacuatio	>n? (Y)N (spe	cify)
	Water Quality	Meter Type(s) / S	Serial Numbers:	VSE		20-	#	\smile	:cify)
		Meter Type(s) / S	Serial Numbers;	<u> YSE</u>	556 WARS	633	#03C03.	912 AE	:cify)
	Pump	Meter Type(s) / s	Serial Numbers: Water		556 W/s	P # 465	#03C030	AZ AG	
Time	Pump Rate	Total Gailone		[t] AC	556 mps	<u>p 1± -165</u> .sp. Cond.	⁴ <u> </u>	12 AG	OR
Time	Pump Rate (L/min.)	Total Gailons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	556 mps	P # 465	#03C030	12 /1 E DO (mg/l)	OR (m)
Time [[:30	Pump Rate	Total Gailone	Water Level	Temp. (Celsius)	556 6495 L+ 2160 pH (0.1 units]*	5p. Cond. (mS/cm)	4 030030 (0-03 Turbidity (NTU) [10% or 1 NTUP	DO (mg/l) [10% or 0.1 mg/l]	OR (m) [10 m
Time	Pump Rate (L/min.)	Total Gailons Removed	Water Lovel (ft TIC) j 41.05	14 70 Temp. (Celsius) [3%]* [0.99]	556 Wyrs 1+ -100 pH 10.1 units[* 7-62	<u>p = 165</u> <u>sp. Cond.</u> (ms/cm) <u>[3%]</u> [,954]	4 (3) (0)-03 (NTU) [10% or 1 NTUP (1) (1) (1) (1) (1) (1) (1) (1)	DO (mg/l) [10% or 0.1 mg/l] [1.2()	OR (m) [10 m
Time [[:60 [[:35	Pump Rate (Umin.) (SO (ZST	Total Gailons Removed PHB 750	Water Level (17 TIC) 141-05 141,15	It It Temp. (Cotation) [3%]* (O. 49 (0.49 (.7)	556 6495 L+ 2160 pH (0.1 units]*	BB p ====================================	4 030030 (NTU) (NTU) (10% or 1 NTUP 4 4 4 6	DO (mg/l) [10% or 0.1 mg/l]	OR (m) [10 m
Time 11:30 11:35 11:40	Pump Rate (Umin.) (50 (25 (25	Total Gailons Removed 780 750 1375	Water Level (R TIC) 141.05 141.15 141.10	14 A Temp. (Colsius) [3%]* [6:49 [6:49 [7:7] [7:7]	556 Wyrs 1+ -100 pH 10.1 units[* 7-62	<u>p = 165</u> <u>sp. Cond.</u> (ms/cm) <u>[3%]</u> [,954]	4 (3) (0)-03 (NTU) [10% or 1 NTUP (1) (1) (1) (1) (1) (1) (1) (1)	DO (mg/l) [10% or 0.1 mg/l] [1.2()	OR (m) [10 m -158 -12,
Time 11:80 11:35 11:40 11:45	Pump Rate (Umin.) (SO (ZST	Total Gailons Removed PHB 750	Water Level (17 TIC) 141-05 141,15	It It Temp. (Cotation) [3%]* (O. 49 (0.49 (.7)	556 Wyrs 1+ 2-100 pH i0.1 units[* 7-62 7.81 7.7]	B P + 465 Sp. Cond. (ms/cm) [3%]* [,954 2.084 2.084 2.110	4 030030 (U-00 Turbidity (NTU) [10% ~ 1 NTUP 46 32	$\begin{array}{c} DO \\ (mg/l) \\ 10\% or 0.1 mg/l \\ 11.2\zeta_{o} \\ 11.2\zeta_{o} \\ 11.4\zeta_{o} \\ 10.5\zeta_{o} \end{array}$	OR (m) [10 m -158 -12. -154
Time 11:30 11:35 11:40	Pump Rate (Umin.) (50 (25 (25	Total Gailons Removed 786 750 1375 2000	Water Level (17 TIC) 141-05 141-05 141.15 141.10 141.10	It It Temp. (Colsius) [3%]* [0.6]9 [0.6]9 [0.7]1 (7.7)8 [0.04]	556 Wyps 1+ 2-100 pH 10.1 unitsp 7-62 7.81 7.81 7.71 7-67	$\frac{633}{p^{12} + 165}$, sp. Cond. (ms/cm) $\frac{1361^{2}}{1.954}$ 2.084 2.084 2.110 2.118	4 32030 10-03 Turbidity (NTU) [10% or 1 NTUP 2/2 46 32 47 47	DO (mg/l) [10% or 0.1 mg/l [1.2(, [],4()	OR (m) [10 m -158 -12. -154
Thm 11.80 11.35 1140 11.45 11.50	Pump Rate (L/min.) (50) (25) (25) (15) (1)	Total Gailone Removed 7843 750 1375 300 7615	Water Level (R TIC) 141.05 141.15 141.10 141.10 14.25	14 A Temp. (Colsius) 3%1* (0.49 4.71 (1.78) (0.04 9.91	556 WMS 1+ 2-100 PH 10.1 units P 7.62 7.81 7.81 7.67 7.67 7.67	2.084 2.084 2.084 2.180 2.150	$ \begin{array}{c} $	$\begin{array}{c} DO \\ (mg/l) \\ 10\% or 0.1 mg/l \\ 11.2\zeta_{o} \\ 11.2\zeta_{o} \\ 11.4\zeta_{o} \\ 10.5\zeta_{o} \end{array}$	OR (m) [10 m -158 -12. -154
Thme 11.80 11.35 11.40 11.45 11.55	Pump Rate (L/min.) [50 [25 [25] [15] [1] [1] [1]	Total Gailons Removed 786 750 1375 2000	Water Level (17 TIC) 141-05 141-05 141.15 141.10 141.10	It It Temp. (Colsius) [3%]* [0.6]9 [0.6]9 [0.7]1 (7.7)8 [0.04]	556 Wyps 1+ 2-100 pH 10.1 unitsp 7-62 7.81 7.81 7.71 7-67	$\frac{633}{p^{12} + 165}$, sp. Cond. (ms/cm) $\frac{1361^{2}}{1.954}$ 2.084 2.084 2.110 2.118	4 32030 10-03 Turbidity (NTU) [10% or 1 NTUP 2/2 46 32 47 47	$\begin{array}{c} DO \\ (mg/l) \\ 10\% or 0.1 mg/l \\ 11.2\zeta_{o} \\ 11.2\zeta_{o} \\ 11.4\zeta_{o} \\ 10.5\zeta_{o} \end{array}$	OR (m) [10 m -138 -12. -154 -16 -16
Thm 11.80 11.35 1140 11.45 11.50	Pump Rate (L/min.) (50) (25) (25) (15) (1)	Total Gailone Removed 7843 750 1375 300 7615	Water Level (R TIC) 141.05 141.15 141.10 141.10 14.25	14 A Temp. (Colsius) 3%1* (0.49 4.71 (1.78) (0.04 9.91	556 Wyrs 21+2-100 PH (0.1 uniks)* 7-62* 7.81 7.81 7.71 7.67 7.67 7.74	2.084 2.084 2.084 2.084 2.110 2.118 2.150 2.099	$ \begin{array}{c} $	$\begin{array}{c} DO \\ (mg/l) \\ 10\% \text{ or } 0.1 \text{ mg/l} \\ 11.2\zeta_{o} \\ 11.2\zeta_{o} \\ 11.4\zeta_{o} \\ 10.5\zeta_{o} \\ 10.5\zeta_{o} \\ 10.5\zeta_{o} \\ 10.3\zeta_{o} \\ 11.1\zeta_{o} \end{array}$	OR (m) (m) (m) (m) (m) (m) (m) (m) (m) (m)
Thme 11:80 11:35 11:40 11:45 11:45 11:55	Pump Rate (L/min.) [50 [25 [25] [15] [1] [1] [1]	Total Gailone Removed 7840 750 1375 300 7615 3250 3875	Water Level (17 TIC) 14-05 14.15 14.15 14.10 14.25 14.25 14	It It Temp. (Colsius) [3%]* [0.69] [0.69] [0.71] (7.78) [0.04] [0.04] [0.04] [0.04] [0.04] [0.04] [0.04] [0.04] [0.04] [0.04] [0.04] [0.06] [0.06]	556 Wyrs 1+ 2-100 pH 10.1 uniest 7-62 7.81 7.91 7.01 7.07 7.07 7.07	$\frac{62}{9}$ $\frac{912}{165}$ $\frac{912}{165}$ $\frac{912}{150}$ $\frac{1381}{150}$ $\frac{1381}{150}$ $\frac{1381}{100}$ $\frac{110}{100}$ $\frac{110}{150}$ $\frac{110}{150}$ $\frac{110}{150}$ $\frac{110}{150}$ $\frac{110}{150}$ $\frac{110}{150}$ $\frac{110}{150}$	$ \begin{array}{c} $	$\begin{array}{c} & & & \\ & & & \\ & & & \\ & & & \\ \hline \\ & & & \\ \hline \\ \hline$	OR (m) (10 m -158 -12. -159 -169 -169 -179 -158 -179 -158 -199
Three 11:80 11:35 11:40 11:40 11:45 11:45 11:55 11:55 17:00 17:05	Pump Rate (L/min.) (SU (25 (25 (1 1) 1) 1, 2, 2	Total Gailone Removed 7840 750 1375 3000 76255 3250 3875 450	Water Level (R TIC) 141.05 141.15 141.15 141.10 141.25 142 142 142 142 142 14 14 25 14	14 Ac Temp. (Colsius) 13%1° (0.99 9.91 9.78 (0.04 9.91 9.60 9.61 9.41	556 Wys 1+ 2-100 pH 10.1 units 7.62 7.81 7.71 7.67 7.67 7.74 7.74 7.74 7.74	2.084 2.084 2.084 2.084 2.084 2.110 2.118 2.150 2.099 3.113 2.12	$ \begin{array}{c} $	$\begin{array}{c} & DO \\ (mg/l) \\ [10\% or 0.1 mg/l] \\ [10\% or 0.1 mg/l] \\ [11.2C_{o} \\ 11.2C_{o} \\ 11.4C_{o} \\ 11.4C_{o} \\ 10.5C_{o} \\ 10$	OR (m) (10 m -158 -12. -159 -169 -169 -179 -158 -179 -158 -199
Thme 11.80 11.35 11.40 11.45 11.55 11.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55	Pump Rate (L/min.) [50 [25] [25] [15] [1] [1] [1] [1] [2] [2] [2] [2] [2] [2] [2] [2] [2] [2	Total Gallons Removed 7840 750 1375 300 7615 3250 3875 450	Water Level (ft TIC) 141-05 141.15 14.10 14.10 14.25 14.25 14.25 14 14.25	$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} $	556 Wyrs 1+ 2-100 pH 10.1 units 1° 7.62 7.81 7.91 7.67 7.07 7.07 7.07 7.74 7.74 7.74 7.74	$ \begin{array}{c} $	$ \begin{array}{c} $	$\begin{array}{c} & DO \\ (mg/l) \\ [10\% or 0.1 mg/l] \\ [10\% or 0.1 mg/l] \\ [11.2C_{o} \\ 11.2C_{o} \\ 11.4C_{o} \\ 11.4C_{o} \\ 10.5C_{o} \\ 10$	OR (m) (m) (m) (m) (m) (m) (m) (m) (m) (m)
Thme 11.80 11.35 11.40 11.45 11.55 11.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55	Pump Rate (L/min.) [50 [25] [25] [15] [1] [1] [1] [1] [2] [2] [2] [2] [2] [2] [2] [2] [2] [2	Total Gailone Removed 7840 750 1375 3000 76255 3250 3875 450	Water Level (ft TIC) 141-05 141.15 14.10 14.10 14.25 14.25 14.25 14 14.25	$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} $	556 Wys 1+ 2-100 pH 10.1 units 7.62 7.81 7.71 7.67 7.67 7.74 7.74 7.74 7.74	$ \begin{array}{c} $	4 3 3 3 3 3 3 3 3 3 3 3 3 3	$\begin{array}{c} & DO \\ (mg/l) \\ [10\% or 0.1 mg/l] \\ [10\% or 0.1 mg/l] \\ [11.2C_{o} \\ 11.2C_{o} \\ 11.4C_{o} \\ 11.4C_{o} \\ 10.5C_{o} \\ 10$	OR (m) (10 m -158 -12. -159 -169 -169 -179 -158 -179 -158 -199
Time 11.80 11.35 11.40 11.45 11.55 11.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1	Pump Rate (L/min.) [50 [25] [25] [15] [1] [1] [1] [1] [2] [2] [2] [2] [2] [2] [2] [2] [2] [2	Total Gallons Removed 7840 750 1375 300 7615 3250 3875 450	Water Level (RTIC) 74.05 74.15 74.10 74.10 74.25 74.25 74.25 77 74.25 77 74 25 77 77 70 70 70 70 70 70 70 70 70 70 70	$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} $	556 Wyrs 1+ 2-100 pH 10.1 units 1° 7-62 7.81 7.91 7.67 7.67 7.74 7.74 7.74 7.74 7.74	2. 084 2. 084 2. 084 2. 084 2. 084 2. 110 2. 118 2. 150 2. 099 3. 113 2. 121 minuto interval	4 3 3 3 3 3 3 3 3 3 3 3 3 3	$\begin{array}{c} & DO \\ (mg/l) \\ [10\% or 0.1 mg/l] \\ [10\% or 0.1 mg/l] \\ [11.2C_{o} \\ 11.2C_{o} \\ 11.4C_{o} \\ 11.4C_{o} \\ 10.5C_{o} \\ 10$	OR (m) (10 m -158 -12. -159 -169 -169 -179 -158 -179 -158 -199
Time 11.80 11.35 11.40 11.45 11.55 11.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1	Pump Rate (L/min.) [50 [25] [25] [15] [1] [1] [1] [1] [2] [2] [2] [2] [2] [2] [2] [2] [2] [2	Total Gallons Removed 7840 750 1375 300 7615 3250 3875 450	Water Level (ft TIC) 141-05 141.15 14.10 14.10 14.25 14.25 14.25 14 14.25	$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} $	556 Wyrs 1+ 2-100 pH 10.1 units 1° 7-62 7.81 7.91 7.67 7.67 7.74 7.74 7.74 7.74 7.74	2. 084 2. 084 2. 084 2. 084 2. 084 2. 110 2. 118 2. 150 2. 099 3. 113 2. 121 minuto interval	4 3 3 3 3 3 3 3 3 3 3 3 3 3	$\begin{array}{c} & DO \\ (mg/l) \\ [10\% or 0.1 mg/l] \\ [10\% or 0.1 mg/l] \\ [11.2C_{o} \\ 11.2C_{o} \\ 11.4C_{o} \\ 11.4C_{o} \\ 10.5C_{o} \\ 10$	OR (m) (10 m -158 -12. -159 -169 -169 -179 -158 -179 -158 -199
Thme 11.80 11.35 11.40 11.45 11.55 11.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55 1.55	Pump Rate (L/min.) [50 [25] [25] [15] [1] [1] [1] [1] [2] [2] [2] [2] [2] [2] [2] [2] [2] [2	Total Gallons Removed 7840 750 1375 300 7615 3250 3875 450	Water Level (RTIC) 74.05 74.15 74.10 74.10 74.25 74.25 74.25 77 74.25 77 74 25 77 77 70 70 70 70 70 70 70 70 70 70 70	$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} $	556 Wyrs 1+ 2-100 pH 10.1 units 1° 7-62 7.81 7.91 7.67 7.67 7.74 7.74 7.74 7.74 7.74	2. 084 2. 084 2. 084 2. 084 2. 084 2. 110 2. 118 2. 150 2. 099 3. 113 2. 121 minuto interval	4 3 3 3 3 3 3 3 3 3 3 3 3 3	$\begin{array}{c} & DO \\ (mg/l) \\ [10\% or 0.1 mg/l] \\ [10\% or 0.1 mg/l] \\ [11.2C_{o} \\ 11.2C_{o} \\ 11.4C_{o} \\ 11.4C_{o} \\ 10.5C_{o} \\ 10$	OR (m) (10 m -158 -12. -159 -169 -169 -179 -158 -179 -158 -199
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PAGE 2 OF 2

Compa Well No.

Site/GMA Name Sampling Personnel

Gmpil Emi 10/22/08 Date B Quescust Mid SU; Weather

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WELL INFORMATION - See Page 1

Time	Pump Rate	Total Gallons	Water Level	Temp. (Celsius)	pН	Sp. Cond. (mS/cm)	Turbidity (NTU)	DO (mg/l)	ORP (mV)
	(L/min.)	Removed	(ft TIC)	[3%]*	[0.1 units]*	[3%]*	[10% or 1 NTU]*	[10% or 0.1 mg/[]*	[10 mV]*
12:10	125	5125	14.25	9.14	7.63	2.125	38	11.10	-152.1
12:15	4	570	14.25	9.07	7.63	2.124	36	11.07	-152.9
12:20	17	6375	14.25	9.03	7.64	2.135	32	11.10	-153,0
12:25	(1	706-	14.25	872	7.64	2.160	27	11.18	-166.1
12:30	()	7625	()	8.73	7.65	7.161	24	10.89	- 170.6
12:35	4	8250	()	8.66	7.45	7-154	24	10.86	- 172.3
17.40	1.	8875	1,	8.75	7.67	7,135	25	1017	-172.2
17:45	100	9500	14.05	11.55	7.68	2,123	75	9.83	-170,3
17:50	• • •	10000	<u>i</u> ,	11-80	7.70	2,047	78	9.48	-1693
12.55		10500	1,	11.61	7.71	2.96	ગ્પ	9.22	-176.2
13100	11	11000	11	11.54	ר רך	2.100	24	8.67	-171.3
	SAM	LG					¥		
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* The stabilized			L						

• The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading. OBSERVATIONS/SAMPLING METHOD DEVIATIONS

V.IGE_Pittsfield_General_Confidential/Reports and Presentations/FSP_QAPP UpdateREV04/Attachment D-2GWsampform_DRAFTv1.xis

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	Background				mpling Personn	ana 🛏			
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	ORMATION						Sample Ti		2 10
	ence Point Mark		ł			:	Sample	يتسلم حذال الشيخ المستع	<u>+ 121</u> 2
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	th of Pump/Tubi		Ware E	om TIC		()	, voo	Cs (Exp. list)	Ċ
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	oint Identification							Bs (Total) s (Dissolved)	(
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Grade/BGS:	Ground Surface	-−,∽aanang 9				()		ganics (Dissolved)	č
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Redevelop?	Y (N)					() ()		nide (Dissolved) IDs/PCDFs	(
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	Pump Stop Time tutes of Pumping			b	Evacuation Me	ethod: Bailer	() Bladder	Pump (
	Water Removed		Z. 7500	llons	Peristatic Pum		ubmensible Pump		ecity ()
Volume of		- 0.0 -	22.75ga	lluns	Ритр Туре:	Mars	chalk-s	istom One	<u>.</u>
Volume of	Water Removed Did Well Go Dry?	Y (N)	2	`	Ритр Туре:	Mars		ustom On	<u>.</u>
Volume of	Water Removed Did Well Go Dry?	- 0.0 -	2	`	Ритр Туре:	Mars	chalk-s	istom One	<u>.</u>
Volume of	Water Removed Did Well Go Dry?	Y (N)	2	`	Pump Type: Samples collec 51, M	Ma-s cted by same m PS #4	ethod as evacuation	2100P	ify)
Volume of	Water Removed Did Well Go Dry? Water Quality / Pump Rate	Y N Y N Weter Type(s) / 5 Totsi Gailone	Serial Numbers Water Level	Y31 5	Ритр Туре:	Mars	Chalk - J ethod as evacuatic hoch Turbidity	DO	fy) ORP
Volume of	Water Removed Did Well Go Dry? Water Quality / Pump Rate (L/min.)	Y N Meter Type(s) / S Total	Serial Numbers	Y51_51	Pump Type: Samples collec 51, M	Ma-s cted by same m PS H Sp. Cond.	ethod as evacuation	DO (mg/l)	ify) ORP (mV)
Volume of	Water Removed Did Well Go Dry? Water Quality / Pump Rate (L/min.)	Y N Y N Weter Type(s) / S Total Gailone Removed	Serial Numbers Water Level	Temp. (Celsius)	Pump Type: Samples collec 56, M	Ma-s cted by same m PS H Sp. Cond. (mS/cm)	Chark - J ethod as evacuation / HACH Turbidity (NTU) [10% or 1 NTUP	DO (mg/l)	ORP (mV) [10 mV
Volume of	Water Removed Did Well Go Dry? Water Quality / Pump Rate (Umin.) 150mL	Y N Y N Woter Type(s) / S Total Gallons Removed U-ZO	Seriel Numbers Water Level (ft TIC)	Temp. (Celeium) [3%]*	Pump Type: Samples collec 51. M pH i0.1 units;*	Ma-s cted by same m PS 44 .Sp. Cond. (mS/cm) [3%]*	Chark - 5 ethod as evacuatic here as a evacuatic here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a here as a	DO (mg/l) [10% or 0.1 mg/l]	ify) ORP (mV) [10 mV
Volume of	Water Removed Did Well Go Dry? Water Quality / Pump Rate (L/min.)	Y N Y N Woter Type(s) / S Total Gallons Removed U-ZO	Serial Numbers Water Level (ft Tic)	Temp. (Celeium) [3%]*	Pump Type: Samples collect 54.3 M pH i0.1 unitsj*	Ma-s cted by same m PS 44 (mS/cm) [3%]*	Chark - J ethod as evacuation Turbidity (NTU) [10% or 1 NTUP 20	DO (mg/l) [10% or 0.1 mg/l]	fy) ORP (mV) [10 mV
Volume of Time 10:40 10:45	Water Removed Did Well Go Dry? Water Quality / Pump Rate (L/min.) 100mL 150mL 150mL	Y N Y N Weter Type(s)/S Total Gailone Removed U-20 U-20 U-40	Serial Numbers Uater Level (ft 71C) 13.16 13.16 13.16 13.16	Y <u>31</u> 5 (Colaiua) [3%]*	Pump Type: Samples collec 51.3 M pH i0.1 units*	Ma-s cted by same in PS H (mS/cm) [3%]* O(5)F5	Chark - J ethod as evacuation Turbidity (NTU) [10% or 1 NTUP 20	25 to m On (107 ON (spec 2100P 100 (mg/l) (10% or 0.1 mg/l) ⁻ 	iy) ORP (mV) [10 mV
Volume of Time 10:40 10:50	Water Removed Did Well Go Dry? Water Quality / Pump Rate (Umin.) 100mL 150mL 150mL 150mL	Y N Y N Woter Type(s) / 5 Total Gallone Removed U-20 U-20 U.40 0.57	Seriel Numbers Water Level (ft Tic) 153.16 153.16 153.16	YSI 51 (Celeium) [3%]* 	Pump Type: Samples collect 51.5 M pH i0.1 units; 	Ma-s cted by same m PS 44 (mS/cm) [3%]* 0.535 0.535	Chark - 5 edhod as evacuation Turbidity (NTU) [10% or 1 NTUP 20 	25tc m On c 107 ON (spec 2100P DO (mg/l) [10% or 0.1 mg/l] - - - - - - - - - - - - -	ify) ORP (mV) [10 mV
Volume of Time 10:40 10:50 10:55 10:00	Water Removed Did Well Go Dry? Water Quality / Pump Rate (L/min.) 100mL 150mL 150mL 150mL 135mL	Y N Y N Weter Type(s)/5 Total Gailone Removed 0.20 0.40 0.57 0.74	Seriel Numbers Water Level (1770) 173,160 173,160 173,160 173,160 173,160	Temp. (Celaius) [3%]* - ID.06 ID.26 ID.26	Pump Type: Samples collect 5L. M pH i0.1 unitst* 	Ma-s cted by same m PS 44 Sp. Cond. (mS/cm) [3%]* 0.535 0.535 0.535	Chalk - J ethod as evacuation Turbidity (NTU) [10% or 1 NTUP 20 	25 to m On (107 ON (spec 2100P 100 (mg/l) (10% or 0.1 mg/l) ⁻ 	iy) ORP (mV) [10 mV
Volume of Thme 10:40 10:45 10:50 10:55 10:55 11:00	Water Removed Did Well Go Dry? Water Quality / Pump Rate (L/min.) 100mL 150mL 150mL 150mL 150mL 150mL 150mL 100mL	Y N Y N Voter Type(s)/s Total Gailone Removed 0.20 0.40 0.57 0.14 0.87	Seriel Numbers Water Level (ft Tic) 158.16 158.16 158.16 158.16 158.16	YSI 5 (Coleium) [3%]* ID.C6 ID.26 ID.26 ID.26 ID.36	Pump Type: Samples collect 51.5 M pH i0.1 units; 	Ma-s cted by same m PS 44 (mS/cm) [3%]* 0.535 0.535	Chark - 5 edhod as evacuation Turbidity (NTU) [10% or 1 NTUP 20 	25tc m On c 107 ON (spec 2100P DO (mg/l) [10% or 0.1 mg/l] - - - - - - - - - - - - -	ORP (mV) [10 mV
Volume of Time 10:40 10:50 10:55 11:00 11:05 11:10	Water Removed Did Well Go Dry? Water Quality / Pump Rate (L/min.) 100mL 150mL 150mL 150mL 150mL 150mL 100mL 100mL 100mL	Y N Y N Weter Type(s)/S Total Gailone Removed 0.20 0.40 0.57 0.14 0.87 /.00	Seriel Numbers Water Level (1770) 153.160 153.160 153.16 153.16 153.16 153.16 153.16 153.16 153.16	YSI 5 (Coleius) (Soleius) (3%)* 	Pump Type: Samples collect 5L. M pH i0.1 unitst* 	Ma-s cted by same m PS 44 Sp. Cond. (mS/cm) [3%]* 0.535 0.535 0.535	Chalk - J ethod as evacuation Turbidity (NTU) [10% or 1 NTUP 20 	25 to m On o 107 ON (spec 2100P 10% or 0.1 mg/lf 	(mV) (mV) [10 mV [10 mV [14] %.5 [14] %.5\\[14] %.5\\[14] %.5\\[14] %.5\\[14] %
Volume of Thme 10:40 10:45 10:50 10:55 10:55 11:05 11:05 11:15	Water Removed Did Well Go Dry? Water Quality / Pump Rate (Umin.) 100mL 150mL 150mL 150mL 150mL 100mL 100mL 100mL	Y N Y N Woter Type(s) / S Total Gailone Removed 0.20 0.40 0.57 0.74 0.87 /.00 1-14	Seriel Numbers Water Level (1770) 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16	YSI 5 Temp. (Celeiua) [3%]* iD.C6 10.26 10.26 10.26 10.36 10.36 10.12 9.61 5.3%	Pump Type: Samples collect 51. M pH i0.1 units; - - - - - - - - - - - - - - - - - - -	<u>Ma-s</u> cted by same m <u>PS</u> <u>4</u> <u>(mS/cm)</u> <u>(3%)</u> <u>-</u> <u>0.535</u> <u>0.535</u> <u>0.535</u> <u>0.535</u> <u>0.540</u> <u>0.540</u> <u>0.540</u> <u>0.540</u>	Chark - J edhod as evacuation Introductor Turbidity (NTU) 10% or 1 NTUP 20 	25tc m On o 107 ON (spec 2100P 10% or 0.1 mg/l (10% or 0.1 mg/l 	ORP (mV) [10 mV
Volume of Time 10:40 10:50 10:50 10:55 11:00 11:05 11:05 11:15 The stabilizatio	Water Removed Did Well Go Dry? Water Quality / Pump Rate (L/min.) 100 mL 150 mL 150 mL 125 mL 125 mL 100 mL 100 mL	Y N Y N Woter Type(s) / 5 Total Gailone Removed 0.20 0.70 0.57 0.740 0.57 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.	Seriel Numbers Water Level (1770) 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 1	YSI 51 Temp. (Celeium) [3%]* - ID.06 - ID.26 - ID.26 - IO.26 - Stream - (Celeium) -	Pump Type: Samples collect 51.5 M pH i0.1 units f 7.105 7.23 7.25 7.25 1.25	Ma-s cted by same m PS 44 (mS/cm) [3%]* 0.535 0.535 0.535 0.535 0.535 0.540 0.540 0.540 0.541	C 4 A K - 5 editod as evacuation Turbidity (NTU) [10% or 1 NTUP 20 	2100P DO (mg/l) (10% or 0.1 mg/l) (10% or 0.1 mg/l) 	(mV) (mV) [10 mV [10 mV [14] %.5 [14] %.5\\[14] %.5\\[14] %.5\\[14] %.5\\[14] %
Volume of Time 10:40 10:50 10:50 10:55 11:00 11:05 11:05 11:15 The stabilizatio	Water Removed Did Well Go Dry? Water Quality / Pump Rate (Umin.) 100mL 150mL 150mL 150mL 150mL 100mL 100mL 100mL	Y N Y N Woter Type(s) / 5 Total Gailone Removed 0.20 0.70 0.57 0.740 0.57 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.	Seriel Numbers Water Level (1770) 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 1	YSI 5 Temp. (Celeiua) [3%]* iD.C6 10.26 10.26 10.26 10.36 10.36 10.12 9.61 5.3%	Pump Type: Samples collect 51.5 M pH i0.1 units f 7.105 7.23 7.25 7.25 1.25	Ma-s cted by same m PS 44 (mS/cm) [3%]* 0.535 0.535 0.535 0.535 0.535 0.540 0.540 0.540 0.541	C 4 A K - 5 editod as evacuation Turbidity (NTU) [10% or 1 NTUP 20 	2100P DO (mg/l) (10% or 0.1 mg/l) (10% or 0.1 mg/l) 	ORP (mV) [10 mV
Volume of Time 10:40 10:50 10:50 10:55 11:00 11:05 11:05 11:15 The stabilizatio	Water Removed Did Well Go Dry? Water Quality / Pump Rate (L/min.) 100 mL 150 mL 150 mL 125 mL 125 mL 100 mL 100 mL	Y N Y N Woter Type(s) / 5 Total Gailone Removed 0.20 0.70 0.57 0.740 0.57 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.	Seriel Numbers Water Level (1770) 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 1	YSI 5 Temp. (Celeiua) [3%]* - ID.06 ID.26 ID.26 ID.26 ID.36 ID.12 9.61 3.73 Stress	Pump Type: Samples collect 51.5 M pH i0.1 units f 7.105 7.23 7.25 7.25 1.25	Ma-s cted by same m PS 44 (mS/cm) [3%]* 0.535 0.535 0.535 0.535 0.535 0.540 0.540 0.540 0.541	Chark - 5 edhod as evacuation Turbidity (NTU) 10% or 1 NTUP 20 	2100P DO (mg/l) (10% or 0.1 mg/l) (10% or 0.1 mg/l) 	ORP (mV) [10 mV
Volume of Time 10:40 10:50 10:50 10:55 11:00 11:05 11:05 11:15 The stabilizatio	Water Removed Did Well Go Dry? Water Quality / Pump Rate (L/min.) 100 mL 150 mL 150 mL 125 mL 125 mL 100 mL 100 mL	Y N Y N Woter Type(s) / 5 Total Gailone Removed 0.20 0.70 0.57 0.740 0.57 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.	Seriel Numbers Water Level (1770) 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 1	YSI 5 Temp. (Celeiua) [3%]* - ID.06 ID.26 ID.26 ID.26 ID.36 ID.12 9.61 3.73 Stress	Pump Type: Samples collect 51.5 M pH i0.1 units f 7.105 7.23 7.25 7.25 1.25	Ma-s cted by same m PS 44 (mS/cm) [3%]* 0.535 0.535 0.535 0.535 0.535 0.540 0.540 0.540 0.541	C 4 A K - 5 editod as evacuation Turbidity (NTU) [10% or 1 NTUP 20 	2100P DO (mg/l) (10% or 0.1 mg/l) (10% or 0.1 mg/l) 	ORP (mV) [10 mV
Volume of Time 10:40 10:50 10:50 10:55 11:00 11:05 11:05 11:15 The stabilizatio	Water Removed Did Well Go Dry? Water Quality / Pump Rate (L/min.) 100 mL 150 mL 150 mL 125 mL 125 mL 100 mL 100 mL	Y N Y N Woter Type(s) / 5 Total Gailone Removed 0.20 0.70 0.57 0.740 0.57 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.	Seriel Numbers Water Level (1770) 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 1	YSI 5 Temp. (Celeiua) [3%]* - ID.06 ID.26 ID.26 ID.26 ID.36 ID.12 9.61 3.73 Stress	Pump Type: Samples collect 51.5 M pH i0.1 units f 7.105 7.23 7.25 7.25 1.25	Ma-s cted by same m PS 44 (mS/cm) [3%]* 0.535 0.535 0.535 0.535 0.535 0.540 0.540 0.540 0.541	C 4 A K - 5 editod as evacuation Turbidity (NTU) [10% or 1 NTUP 20 	2100P DO (mg/l) (10% or 0.1 mg/l) (10% or 0.1 mg/l) 	ORP (mV) [10 mV
Volume of Time 10:40 10:45 10:55 10:55 11:05 11:05 11:15 The stabilizatio DBSERVATION	Water Removed Did Well Go Dry? Water Quality / Pump Rate (Umin.) 100mL 150mL 150mL 150mL 150mL 100mL 100mL 100mL 100mL	Y N Y N Woter Type(s) / 5 Total Gailone Removed 0.20 0.70 0.57 0.740 0.57 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.	Seriel Numbers Water Level (1770) 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 1	YSI 5 Temp. (Celeiua) [3%]* - ID.06 ID.26 ID.26 ID.26 ID.36 ID.12 9.61 3.73 Stress	Pump Type: Samples collect 51.5 M pH i0.1 units f 7.105 7.23 7.25 7.25 1.25	Ma-s cted by same m PS 44 (mS/cm) [3%]* 0.535 0.535 0.535 0.535 0.535 0.540 0.540 0.540 0.541	C 4 A K - 5 editod as evacuation Turbidity (NTU) [10% or 1 NTUP 20 	2100P DO (mg/l) (10% or 0.1 mg/l) (10% or 0.1 mg/l) 	ORP (mV) [10 mV
Volume of Time 10:40 10:45 10:55 10:55 11:05 11:05 11:05 11:15 The stabilizatio DBSERVATION CBSERVATION	Water Removed Did Well Go Dry? Water Quality I Pump Rate (Umin.) ICO INL ICO	Y N Y N Woter Type(s) / 5 Total Gailone Removed 0.20 0.70 0.57 0.740 0.57 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.	Seriel Numbers Water Level (1770) 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 1	YSI 5 Temp. (Celeiua) [3%]* - ID.06 ID.26 ID.26 ID.26 ID.36 ID.12 9.61 3.73 Stress	Pump Type: Samples collect 51.5 M pH i0.1 units f 	Ma-s cted by same m PS 44 (mS/cm) [3%]* 0.535 0.535 0.535 0.535 0.535 0.540 0.540 0.540 0.541	C 4 A K - 5 editod as evacuation Turbidity (NTU) [10% or 1 NTUP 20 	2100P DO (mg/l) (10% or 0.1 mg/l) (10% or 0.1 mg/l) 	ORP (mV) [10 mV
Volume of Time 10:40 10:45 10:55 10:55 11:05 11:05 11:15 The stabilizatio DBSERVATION	Water Removed Did Well Go Dry? Water Quality / Pump Rate (Umin.) 100 mL 150 mL 150 mL 100 mL	Y N Y N Woter Type(s) / 5 Total Gailone Removed 0.20 0.70 0.57 0.740 0.57 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.74 0.	Seriel Numbers Water Level (1770) 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 153.160 1	YSI 5 Temp. (Celeium) [3%]* ID.06 ID.26 ID.26 ID.26 ID.26 ID.26 ID.26 ID.26 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 ID.36 I	Pump Type: Samples collect 51.5 M pH i0.1 units f 	Ma-s cted by same m PS 44 (mS/cm) (3%) ² 	C 4 A K - 5 editod as evacuation Turbidity (NTU) [10% or 1 NTUP 20 	2100P DO (mg/l) (10% or 0.1 mg/l) (10% or 0.1 mg/l) 	ORP (mV) [10 mV

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PAGE 1 OF 2

GROUNDWATER SAMPLING LOG

GMAY-3 Well No.

Site/GMA Name

Sampling Personnel OY(A)

<u> 50|53|05</u> Date Weather کاریک

eather Sunwick, 35"

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WELL INFORMATION - See Page 1

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	рН [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
11:30	100L	1.27	158.16	3.38	7.26	0.639	50	5.35	127.4
11:75	76.nL	1.37	1816	8.58	7.37	0.540	મલ	6.03	123.5
11:30	75. rl	1.47	13.16	7.98	7.25	0.539	45	6.02	121.6
11:35	75 m	1.57	15.16	7.50	7.24	0.539	49	6.24	120.7
11:40	75 m	1.67	15.16	6.91	7.24	0.539	49	6,35	117,4
11:45	how -	MARCH	CELL CI	FAUED	or sco	OIBNOT	ny nead		-the
11.55	Jome	1.86	18.16	6.67	7.26	0.535	47	6.0%	19.0
13:00	75 m	1.96	13.16	6.51	7.26	0.538	46	6.06	116.5
12:05	75.L	2.06	18.16	6.40	7.23	0.539	39	6.21	115.3
01:01	75ml	2.16	18.16	6.45	1.23	0.538	35	કં.૧૬	115.1
12:15	Birk	2.26	18.16	6.41	7.23	0.537	27	6.01	117.5
12:13	75.1	2.32	18.16	6:50	1.23	0.539	35	5.99	i16.9
12:21	75 m	2.38	18.16	6.43	7.25	0.537	19	5.98	117.2
12:24	75.2	2.44	18.16	6.60	7.2%	0,533	20	5.93	116.5
13:30	75.mL	2.50	1-8.16	6.59	רב.ר	0.535	19	5,98	í.J

* The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading. OBSERVATIONS/SAMPLING METHOD DEVIATIONS

V\GE_Pitsfield_General_Confidentia\Reports and Presentations\FSP_QAPP UpdateREV04\Allachment D-2GWsampform_DRAFTv1.xis

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Well	Headepace (pp	(m)			Dai Weaths		10/23/08		<u> </u>
							any - 40"		
WELL INFO		\cap					Semple Ti	me 11:20	2
	nce Point Marke						Sample II	The second	
rreight	of Reference Po	Standard Street	Meas. Fi	rom <u>GRUN</u>	<u>.</u>		Ouplicate		
Ser	Well Diame						MSAMS	and the second states	
	Water Table Dep			rom TIC			Spilt Sample		
	Well Dep		Moas. Fr	And a 1990 State of S					
	h of Water Colum	m 2.77	(**** ****** **************************			Requir		cal Parameters;	Coll
	ne of Water in W					(×		Cs (Std. ist)	()
intake Dep	th of Pump/Tubi	ng[],00	6 Moss. Fr	om <u>tic</u>		(🔨		Ca (Exp. list) SVOCa	(
Reference Pr	oint Identification	•			-			SVOCE (Total)	()
	nner (PVC) Casi					(K		s (Dissolved)	(
TOC: Top of	Outer (Protectiv	•) Casing				(torganics (Total)	()
Grade/BGS:	Ground Surface	· ·····				(\mathbf{X})) Metais/Inorg	ganics (Dissolved)	, ()
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Redevelop?	Y (N)					(x) (c)		nide (Dissolved)	(/
	-					(X) (X)		Ds/PCDFs	(X
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EVACUATION	INFORMATION	t				()		⊭ (Specify)	(
	Pump Start Time		0			(入)		-FIDE	(x
. F	^p ump Stop Time	His	12:05		Eugen a				ιX
	utes of Pumping	<i>≤</i>	25		Evacuation Met			Pump ()	
	Water Removed		2.7.5, allo	` , \$	Peristaltic Pump Pump Type:	Geolu	Submensible Pump	() Other/Sp	Heatly (K)
D	id Well Go Dry?	Y (N)	-)-						
		\cup				bd by same	method as evacuatio	n? (Y) N (spec	ấy)
	Water Quality M	leter Type(s) / S	onial Numbers-	V (T		/			
					- 536 M	PS 🖆 (23M0230K	1c	
			T	ItAC IT		<u>ps /= c</u> = 40	03 MO 230 M	L <u>C</u>	·
Time	Pump Rate	Total	Water	ItACI+ Temp.		sp. Cond	500 - 00 L Turbidity	4 <u>C</u>	ORP
	Pump Rate (L/min.)	Total	T	Itacit Temp. (Celsius)	2100 P 4	4. 40 ,Sp. Cond (mS/cm)	500 - 00 1. Turbidity (NTU)	DO (mg/i)	
Time [0:20	Pump Rate	Total Gailons Removed	Water Level (ft TIC)	ItACI+ Temp.	2100 P / pH j0.1 units*	4. 40 "Sp. Cond (mS/cm) [3%]*	500 - 00 Turbidity (NTU) (10% or 1 NTU)	DO (mg/i)	(mV
10:30	Pump Rate (L/min.)	Total Gailons Removed	Water Level (ft TIC) 4.76	[+ACI+ Temp. (Celaius) [3%]*	2.100 β 4 pH (0.1 units)*	4. 40 ,Sp. Cond (mS/cm)	500 - 00 1. Turbidity (NTU)	DO (mg/i)	(mV
10:20	Pump Rate (L/min.) (5 C //	Total Gallons Removed DCG 750	Water Level (ft TiC) 4.76 4.78	Itacit Temp. (Celsius)	2100 P / pH j0.1 units*	4 40 Sp. Cond (mS/cm) (3%)*	5500 - 00 1. Turbidity (NTU) [10% or 1 NTU] 1.3	DO (mg/i) [10% or 0.1 mg/i]*	(mV) [10 mV
10:30 10:35 10:40	Pump Rate (L/min.) (S C	Total Gailons Removed	Water Level (ft TIC) 4.76	[+ACI+ Temp. (Celaius) [3%]*	2100 P pH (0.1 units)* - G. 7 G	4. 40 Sp. Cond (mS/cm) (3%]*	5500 - 00 1. Turbidity (NTU) (10% or 1 NTU) 1.3 	DO (mg/l) [10% or 0.1 mg/l]* 	(mV) [10 mV
10:20	Pump Rate (L/min.) (5 C //	Total Gallons Removed DCG 750	Water Level (t TIC) 4.76 4.78 9.79	1+AC1+ Temp. (Celsius) [3%]* - [2.\$25 13.63	2100 p pH (0.1 units) ² 	4. 40 "Sp. Cond (mS/cm) [3%]* - [, 21(_ [, 278	5500 - 00 Turbidity (NTU) (10% or 1 NTU) 1.3 	DO (mg/i) [10% or 0.1 mg/i]* 	(mV) [10 mV
10:30 10:35 10:40 10:45	Pump Rate (L/min.) (5 C (/	Total Gellone Removed DCG 750 1500 2250	Water Level (ft TiC) 4.76 4.78 9.79 9.79	1+A(1+ Temp. (Colsius) [3%]* - [2.35 ⁻ [3.63 [3.12]	2100 p f pH (0.1 units)* - (0.7(6) (0.73) (0.71)	4 40 Sp. Cond (mS/cm) (3%)* 1. 21(0) 1. 278 1. 234	$ \frac{5500 - 00}{12} = \frac{10\% \circ 100}{(NTU)} = \frac{10\% \circ 1000}{10\% \circ 1000} = \frac{10\% \circ 1000}{10\% \circ 10\% \circ 1000} = 10\% \circ $	DO (mg/l) [10% or 0.1 mg/l]* 	(mV) [10 mV [05] [05] [9]
10:30 10:35 10:40 10:45 10:50	Pump Rate (Umin.) (5 0 () () () ()	Total Gallons Removed DZC 750 1500 2250 2050	Water Level (R TIC) 4.76 9.78 9.79 9.79 9.79	1+AC1+ Temp. (Celsius) [3%]* - [2.\$25 13.63	2100 p pH (0.1 units)* G. 7 G G. 7 J G. 7 J	4. 40 "Sp. Cond (mS/cm) [3%]* - [, 21(_ [, 278	$ \frac{5500 - 00}{12} = \frac{10\% \circ 100}{(NTU)} = \frac{10\% \circ 1000}{10\% \circ 1000} = \frac{10\% \circ 1000}{10\% \circ 10\% \circ 1000} = 10\% \circ $	DO (mg/l) [10% or 0.1 mg/l]* 3, 7/ 0, 5/ 0, 2.9	(mV) [10 mV [05] [05] [99] [95]
10:30 10:35 10:40 10:45 10:55 10:55	Pump Rate (L/min.) (50 (/ (/ () ()))	Total Gellone Removed DCG 750 1500 2250	Water Level (ft TiC) 4.76 4.78 9.79 9.79	1+A(1+ Temp. (Coleius) [3%]* - [2. \$5 [3. 63 [3. 12] [3. 33]	$ \begin{array}{c c} 2100 \beta \\ pH \\ i0.1 units f^{\circ} \\ \hline $	4 40 Sp. Cond (mS/cm) [3%]* 1. 21(2) 1. 278 1. 234 1. 234	2500 - 20 1. Turbidity (NTU) [10% or 1 NTUP [3] 2	DO (mg/l) [10% or 0.1 mg/l]" 3, 7/ 0, 5/ 0, 29 0.23	(mV) [10 mV [05] [05] [9] [9] [9] [9] [0] [5]
10:30 10:35 10:40 10:45 10:50	Pump Rate (Umin.) (5 0 () () () ()	Total Gallons Removed DZC 750 1500 2250 2050	Water Level (R TIC) 4.76 4.78 9.79 9.79 9.79 9.79	(+ACI+ Temp. (Celeius) [3%]* - [12.355- [13.63] [13.63] [13.33]	2100 p pH <u>i0.1 units</u> <u>-</u> <u>G</u> . 7 <u>G</u> <u>G</u> . 7 <u>G</u> <u>G</u> . 7 <u>J</u> <u>G</u> . 7 <u>J</u>	4 40 Sp. Cond (mS/cm) [3%]* 1. 21(0 1. 278 1. 234 1. 235	5500 - 00 Turbidity (NTU) (10% or 1 NTUP 13 , 7 , 7 , 7 , 7 , 7 , 7 , 7 , 7 , 7 , 7	DO (mg/i) [10% or 0.1 mg/i]* 3, 7/ 0,5/ 0,29 0.23 0.19	(mV) [10 mV [05] 99. 90.5 87.6
10:30 10:35 10:40 10:45 10:55 10:55 11:00	Pump Rate (L/min.) (5 C () () () () () () () () () () () () ()	Total Gallone Removed DTC TSO 1500 1500 2250 2050 2050 3750 4560	Water Level (R TIC) 4.76 4.78 9.79 9.79 9.79 9.79 9.79 9.79 9.79	1+A(1+ Temp. (Coleius) [3%]* - [2. 357 [3. 63 [3. 17] [3. 17] [3. 33] [3. 33] [3. 34] [3. 42]	2100 p pH (0.1 units) 	 4 4 Sp. Condition (Inskem) (3%)* 1, 21(2) 1, 278 1, 278 1, 234 1, 234 	2500 - 20 1. Turbidity (NTU) [10% or 1 NTUP 1.3 7 7 7 7 7 7 7 7 7 7 7 7 7	DO (mg/l) [10% or 0.1 mg/l]" 3, 7/ 0, 5/ 0, 29 0.23	(mV [10 m) (05, 99, 95, 90,5 87,6 94,7
10:30 10:35 10:40 10:45 10:55 10:55 11:00 11:05	Pump Rate (L/min.) (5 C () () () () () () () () () () () () ()	Total Gallone Removed DTC TSO 1500 1500 2250 2050 3750 4500 5250	Water Level (t TIC) 4.76 4.78 9.79 9.79 9.79 9.79 9.79 9.79 9.79	1+A(1+ Temp. (Colaius) [3%]* - 13.53 13.63 13.72 13.39 13.39 13.20 13.44	2100β pH $(0.1 unts)^{\circ}$ - G. 7G G. 7G G. 73 G. 71 G. 71 G. 76 G. 75 G. 75 G. 75 G. 75	$\begin{array}{c} 4 & 4 \\ \text{(mS/cm)} \\ \text{(mS/cm)} \\ \text{(mS/cm)} \\ \text{(3%)}^{*} \\ \hline \\ 1, 21(0) \\ 1, 228 \\ 1, 234 \\ 1, 235 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1$	2500 - 00 Turbidity (NTU) (10% or 1 NTU) 13 5 7 1 3 3 3 3 3 9 9 9 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3	DO (mg/l) [10% or 0.1 mg/l]* 3, 71 0,51 0,29 0.23 0.19 0,16	(mV [10 m) [05] 995. 90.5 87.6
10.30 10.35 10.40 10.45 10.55 10.55 1100 11.05 The stabilization	Pump Rate (L/min.) (5 C () () () () () () () () () () () () ()	Total Gallons Removed DAC 750 1560 2250 3750 4500 5250 16dd parameteo	Water Level (R TIC) 9.78 9.79 9.79 9.79 9.79 9.79 9.79 9.79	1+A(1+ Temp. (Celeius) [3%]* - 13.63 13.63 13.72 13.72 13.39 13.39 13.44 13.44 Utive readings co	2100 β pH $(0.1 \text{ units})^{\circ}$ - (0.76) (0.73) (0.73) (0.73) (0.73) (0.73) (0.75) (0.62) (0.75) (0.75) (0.75) (0.75) (0.75)	$\begin{array}{c} 4 & 4 \\ \text{(mS/cm)} \\ \text{(mS/cm)} \\ \text{(mS/cm)} \\ \text{(3%)}^{*} \\ \hline \\ 1, 21(0) \\ 1, 228 \\ 1, 234 \\ 1, 235 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1, 234 \\ 1$	2500 - 00 Turbidity (NTU) (10% or 1 NTU) 13 5 7 1 3 3 3 3 3 9 9 9 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3	DO (mg/l) [10% or 0.1 mg/l]* 3, 71 0,51 0,29 0.23 0.19 0,16	(mV [10 m) (05, 99, 95, 90,5 87,6 94,7
10.30 10.35 10.40 10.45 10.55 10.55 1100 11.05 The stabilization	Pump Rate (L/min.) (5 C () () () () () () () () () () () () ()	Total Gallons Removed DAC 750 1560 2250 3750 4500 5250 16dd parameteo	Water Level (R TIC) 9.78 9.79 9.79 9.79 9.79 9.79 9.79 9.79	1+A(1+ Temp. (Colaius) [3%]* - 13.53 13.63 13.72 13.39 13.39 13.20 13.44	2100 β pH $(0.1 \text{ units})^{\circ}$ - $G_{0}, 7G$ $G_{0}, 73$ $G_{0}, 71$ $G_{0}, 71$ $G_{0}, 76$ $G_{0}, 75$ $G_{0}, 75$	$\begin{array}{c} 4 & 40 \\ \text{(mS/cm)} \\ \text{(mS/cm)} \\ \text{(mS/cm)} \\ \text{(mS/cm)} \\ \text{(1.278)} \\ 1.278 \\ 1.278 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239$	5500 - 00 I. Turbidity (NTU) (10% or 1 NTU)* 13 3 3 3 3 3 3 3 3 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3	DO (mg/l) [10% or 0.1 mg/l]* 3, 71 0,51 0,29 0.23 0.19 0,16	(mV) [10 mV [05] 99. 99. 90.5 737.6 94.7
10.30 10.35 10.40 10.45 10.55 10.55 1100 11.05 The stabilization	Pump Rate (L/min.) (5 C () () () () () () () () () () () () ()	Total Gallons Removed DAC 750 1560 2250 3750 4500 5250 16dd parameteo	Water Level (t TIC) <u>4.76</u> <u>4.78</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u>	1+A(1+ Temp. (Celeius) [3%]* - 13.63 13.63 13.72 13.72 13.39 13.39 13.44 13.44 Utive readings co	2100 β pH $(0.1 \text{ units})^{\circ}$ - $G_{0}, 7G$ $G_{0}, 73$ $G_{0}, 71$ $G_{0}, 71$ $G_{0}, 76$ $G_{0}, 75$ $G_{0}, 75$	$\begin{array}{c} 4 & 40 \\ \text{(mS/cm)} \\ \text{(mS/cm)} \\ \text{(mS/cm)} \\ \text{(mS/cm)} \\ \text{(1.278)} \\ 1.278 \\ 1.278 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239$	2500 - 00 Turbidity (NTU) (10% or 1 NTU) 13 5 7 1 3 3 3 3 3 9 9 9 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3	DO (mg/l) [10% or 0.1 mg/l]* 3, 71 0,51 0,29 0.23 0.19 0,16	(mV [10 m) (05, 99, 95, 90,5 87,6 94,7
10.30 10.35 10.40 10.45 10.55 10.55 1100 11.05 The stabilization	Pump Rate (L/min.) (5 C () () () () () () () () () () () () ()	Total Gallons Removed DAC 750 1560 2250 3750 4500 5250 16dd parameteo	Water Level (R TIC) 9.78 9.79 9.79 9.79 9.79 9.79 9.79 9.79	1+A(1+ Temp. (Celeius) [3%]* - 13.63 13.63 13.72 13.72 13.39 13.39 13.44 13.44 Utive readings co	2100 β pH $(0.1 \text{ units})^{\circ}$ - $G_{0}, 7G$ $G_{0}, 73$ $G_{0}, 71$ $G_{0}, 71$ $G_{0}, 76$ $G_{0}, 75$ $G_{0}, 75$	$\begin{array}{c} 4 & 40 \\ \text{(mS/cm)} \\ \text{(mS/cm)} \\ \text{(mS/cm)} \\ \text{(mS/cm)} \\ \text{(1.278)} \\ 1.278 \\ 1.278 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239$	5500 - 00 I. Turbidity (NTU) (10% or 1 NTU)* 13 3 3 3 3 3 3 3 3 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3	DO (mg/l) [10% or 0.1 mg/l]* 3, 71 0,51 0,29 0.23 0.19 0,16	(mV [10 m) (05, 99, 95, 90,5 87,6 94,7
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(Celeius) [3%]* - 13.63 13.63 13.72 13.72 13.39 13.39 13.44 13.44 Utive readings co	2100 β pH $(0.1 \text{ units})^{\circ}$ - $G_{0}, 7G$ $G_{0}, 73$ $G_{0}, 71$ $G_{0}, 71$ $G_{0}, 76$ $G_{0}, 75$ $G_{0}, 75$	$\begin{array}{c} 4 & 40 \\ \text{(mS/cm)} \\ \text{(mS/cm)} \\ \text{(mS/cm)} \\ \text{(mS/cm)} \\ \text{(1.278)} \\ 1.278 \\ 1.278 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239$	5500 - 00 I. Turbidity (NTU) (10% or 1 NTU)* 13 3 3 3 3 3 3 3 3 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3	DO (mg/l) [10% or 0.1 mg/l]* 3, 71 0,51 0,29 0.23 0.19 0,16	(mV) [10 mV [05] 99. 99. 90.5 77.6 94.
10.30 10.35 10.40 10.45 10.55 10.55 1100 11.05 The stabilization BSERVATIONS	Pump Rate (L/min.) (5 C () () () () () () () () () () () () ()	Total Gallons Removed DAC 750 1560 2250 3750 4500 5250 16dd parameteo	Water Level (t TIC) <u>4.76</u> <u>4.78</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u>	1+A(1+ Temp. (Celeius) [3%]* - 13.63 13.63 13.72 13.72 13.39 13.39 13.44 13.44 Utive readings co	2100 β pH $(0.1 \text{ units})^{\circ}$ - $G_{0}, 7G$ $G_{0}, 73$ $G_{0}, 71$ $G_{0}, 71$ $G_{0}, 76$ $G_{0}, 75$ $G_{0}, 75$	$\begin{array}{c} 4 & 40 \\ \text{(mS/cm)} \\ \text{(mS/cm)} \\ \text{(mS/cm)} \\ \text{(mS/cm)} \\ \text{(1.278)} \\ 1.278 \\ 1.278 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239 \\ 1.239$	5500 - 00 I. Turbidity (NTU) (10% or 1 NTU)* 13 3 3 3 3 3 3 3 3 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	DO (mg/l) [10% or 0.1 mg/l]* 3, 71 0,51 0,29 0.23 0.19 0,16	(mV) [10 mV [05] 99. 99. 90.5 77.6 94.
10.30 10.35 10.40 10.45 10.55 10.55 1100 11.05 The stabilization BSERVATIONS	Pump Rate (L/min.) (5 C () () () () () () () () () () () () ()	Total Gallons Removed DAC 750 1560 2250 3750 4500 5250 16dd parameteo	Water Level (t TIC) <u>4.76</u> <u>4.78</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u>	1+A(1+ Temp. (Celeius) [3%]* - 13.85 13.03 13.03 13.39 13.39 13.22 13.44 13.44 13.44	2100 p pH (0.1 units) ^e 	$\frac{4}{(mS/cm)} = \frac{4}{(mS/cm)}$ $\frac{(mS/cm)}{(mS/cm)}$ $\frac{1}{(3%)^{2}}$ $\frac{1}{(23%)^{2}}$	5500 - 00 I. Turbidity (NTU) (10% or 1 NTU)* 13 3 3 3 3 3 3 3 3 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	DO (mg/l) [10% or 0.1 mg/l]* 3, 71 0,51 0,29 0.23 0.19 0,16	(mV) [10 mV [05] 99. 99. 90.5 77.6 94.
10.30 10.35 10.40 10.45 10.55 10.55 1100 11.05 The stabilization BSERVATIONS	Pump Rate (L/min.) (5 C () () () () () () () () () () () () ()	Total Gallons Removed DAC 750 1560 2250 3750 4500 5250 16dd parameteo	Water Level (t TIC) <u>4.76</u> <u>4.78</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u>	1+A(1+ Temp. (Celeius) [3%]* - 13.85 13.03 13.03 13.39 13.39 13.22 13.44 13.44 13.44	2100 β pH $(0.1 \text{ units})^{\circ}$ - $G_{0}, 7G$ $G_{0}, 73$ $G_{0}, 71$ $G_{0}, 71$ $G_{0}, 76$ $G_{0}, 75$ $G_{0}, 75$	$\frac{4}{(mS/cm)} = \frac{4}{(mS/cm)}$ $\frac{(mS/cm)}{(mS/cm)}$ $\frac{1}{(3%)^{2}}$ $\frac{1}{(23%)^{2}}$	5500 - 00 I. Turbidity (NTU) (10% or 1 NTU)* 13 3 3 3 3 3 3 3 3 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	DO (mg/l) [10% or 0.1 mg/l]* 3, 71 0,51 0,29 0.23 0.19 0,16	(mV) [10 mV [05] 99. 99. 90.5 77.6 94.
10.30 10.35 10.40 10.45 10.55 10.55 1100 11.05 The stabilization BSERVATIONS	Pump Rate (L/min.) (5 C () () () () () () () () () () () () ()	Total Gallons Removed DAC 750 1560 2250 3750 4500 5250 16dd parameteo	Water Level (t TIC) <u>4.76</u> <u>4.78</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u>	1+A(1+ Temp. (Celeius) [3%]* - 13.85 13.03 13.03 13.39 13.39 13.22 13.42 13.42 13.44 utive readings co 	2100 p pH (0.1 units) ^e 	$\frac{4}{(mS/cm)} = \frac{4}{(mS/cm)}$ $\frac{(mS/cm)}{(mS/cm)}$ $\frac{1}{(3%)^{2}}$ $\frac{1}{(23%)^{2}}$	5500 - 00 I. Turbidity (NTU) (10% or 1 NTU)* 13 3 3 3 3 3 3 3 3 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	DO (mg/l) [10% or 0.1 mg/l]* 3, 71 0,51 0,29 0.23 0.19 0,16	(mV) [10 mV [05] 99. 99. 90.5 77.6 94.
10.30 10.35 10.35 10.40 10.35 10.55 1100 11.05 The stabilization BSERVATIONS MIPLE DESTIN Laboratory: elivered Via: Airbill #:	Pump Rate (Umin.) (5 0 () () () () () () () () () ()	Total Gallons Removed DAC 750 1560 2250 3750 4500 5250 16dd parameteo	Water Level (t TIC) <u>4.76</u> <u>4.78</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u>	1+A(1+ Temp. (Celeius) [3%]* - 13.85 13.03 13.03 13.39 13.39 13.22 13.42 13.42 13.44 utive readings co 	2100 p pH (0.1 units) ^e 	$\frac{4}{(mS/cm)} = \frac{4}{(mS/cm)}$ $\frac{(mS/cm)}{(mS/cm)}$ $\frac{1}{(3%)^{2}}$ $\frac{1}{(23%)^{2}}$	5500 - 00 I. Turbidity (NTU) (10% or 1 NTU)* 13 3 3 3 3 3 3 3 3 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	DO (mg/l) [10% or 0.1 mg/l]* 3, 71 0,51 0,29 0.23 0.19 0,16	105, 99, 95, 90,5 87,6 94,7
10.30 10.35 10.40 10.45 10.55 10.55 1100 11.05 The stabilization BSERVATIONS	Pump Rate (Umin.) (5 0 () () () () () () () () () ()	Total Gallons Removed DAC 750 1560 2250 3750 4500 5250 16dd parameteo	Water Level (t TIC) <u>4.76</u> <u>4.78</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u> <u>9.79</u>	1+A(1+ Temp. (Celeius) [3%]* - 13.85 13.03 13.03 13.39 13.39 13.22 13.42 13.42 13.44 utive readings co 	2100 p pH (0.1 units) ^e 	$\frac{4}{(mS/cm)} = \frac{4}{(mS/cm)}$ $\frac{(mS/cm)}{(mS/cm)}$ $\frac{1}{(3%)^{2}}$ $\frac{1}{(23%)^{2}}$	5500 - 00 I. Turbidity (NTU) (10% or 1 NTU)* 13 3 3 3 3 3 3 3 3 1 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	DO (mg/l) [10% or 0.1 mg/l]* 3, 71 0,51 0,29 0.23 0.19 0,16	(mV) [10 mV [05] 99. 99. 90.5 737.6 94.7

Well No. GMV74-CO

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PAGE	2	OF	2

Site/GMA Name	GMAL	
pling Personnel	EUNC/UA-	
Date	10/23/08	
Weather	Sonay - MID 40%	

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WELL INFORMATION - See Page 1

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/[]*	ORP (mV) [10 mV
11:10	150	6000	9.79	13,46	6.74	1.240	2	616	81.8
11:0-	150	6150	9.79	13.419	6.75-	1.240	2	0.14	80.1
	SAMPLE								
					**************************************			· · · · · · · · · · · · · · · · · · ·	
									· · ·
									
									·····
e stabilizatio	on criteria for eac	h field paramete	r (three consec	utive readings of	ollected at 3- to	5-minute interv	als) is listed in each $(e \circ r, A \circ)$	n column heading.	
			-			-K. Je-	CUL ev , 1.0		

V.IGE_Pittsfield_General_Confidential/Reports and Presentations/FSP_QAPP UpdateREV04/Allachment D-2GW sampform_DRAFTv1.x/s

PAGE 1 OF 2

Well No. 14786 -15 GMAY GE PithSpel Sile/GillA Name Key No. 1-10/DAZ PID Background (ppm) O Date 10/23/08 Well Hendepace (ppm) $\overline{\mathcal{O}}$ XMAN hich WELL INFORMATION 130 Sample Time (Y) Reference Point Marked? N Sample iD HIBB -15 Height of Reference Point Moss. From Duplicate (D 0.75" Wall Dismatur MSAISD Screen Interval Depth -16 Moss. From Ground Water Table Depth 15, 75 Spilt Sample ID Moss. From 716 Well Depth <u>18,30</u> Mer Column 2, **4**5 Mone. From 774 Required Analytical Parameters: Collected Length of Water Column (X)VOCs (Std. Int) (×) Volume of Water in Well 0.06g willow 5 (VOCs (Exp, list) (Intake Depth of Pump/Tubing 17.0 Mose, From TIL (X)SVOCs (X) () PCBs (Total) () Reference Point Identification: (X) PCBs (Dissolved) (4) TIC: Top of Inner (PVC) Casing) Metals/Inorganics (Total) •) TOC: Top of Outer (Protective) Casing X) Metals/Inorganics (Dissolved) (入) Grade/BGS: Ground Surface EPA Cyanida (Dissolved) () (*) (X)PAC Cyanide (Dissolved) **X**) Redevelop? Y N (χ) PCDDs/PCDFs X () Pesticides/Herbicides (jine) (Natural Atlenuation) (X) Other (Specify) (×) EVACUATION INFORMATION SUGAL Pump Start Time 1025 Pump Stop Time 1240 Evacuation Method: Bailer () Bladder Pump () Minutes of Pumping _/35 Peristatic Pump ()) Submensible Pump () Other/Specify () Volume of Water Removed 3-60 gull 103 Pump Type: Geo Pump 2 Did Well Go Dry? Y (\mathbb{N}) Samples collected by same method an evacuation? N (specify) Water Quality Meter Type(s) / Seriel Numbers: 151-556 MPS Huch 2100P Turbidimeter Pumo Total Water Temp. pH Sp. Cond. Turbidity 00 ORP Time Rate Gallone Level (Coisium) (mS/cm) (NTU) (mg/l) (mV) (L/min. Removed (ft TIC) [3%]* (0.1 units)* [3%]* (10% or 1 NTUP [10% or 0.1 mg/]* [10 mV]* 1031 110 0.15 5.75 36 1040 10.94 0.44 6.61 1641 5.52 14.0 1050 073 .63 6.61 1.603 0 0.11055 *0*.88 62 6.53 603 -4.1 5.63 100 160 1.01 6.51 .73 1.602 -9.4 17 1105 1.14 6.50 25 599 5.00 -131 1110 1.28 2.54 6.50 1.598 4.92 14.4 5 1.41 4.96 .75 6.45 4 -17.3 .063 The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading. OBSERVATIONS, CAMPLING METHOD DEVIATIONS * (myourd flow through cell@, 1030. First Read my @ 1040, Ref. Thed flow through (ell Dae 10 looking @ 1041 for grape abor @ 1050

SAMPLE DESTI		
Laboratory: _	561	
Delivered Vis:	UPS	
Airbill #:		

Sampling Coordina

TWOREGRandwater(IS4198Allecture)

Well No. 7788-15

Site/GMA Name Sampling Personnel

6-MA-4 D. Zuch 10/23/06 Wed 37°C ------Date Weather _____

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WELL INFORMATION - See Page 1

Time	Pump Rate (L/min.)	Total Gailons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1118	100	1.49	_	12.90	6.45	1.663	4	4.91	-16.9
.121	100	1.57	_	13.42	6.44	1.663	5		-14.2
1124		1.65				1111		4.93	-19.2
···· ···	100			13,79		1.666	5	16/14.87	-18.1
1127	100	1,73		13.53	6.53	1.681	5	4.84	-21.0
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* The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading.

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

V:\GE_Pittsfield_General_Confidential/Reports and Presentationsl/FSP_QAPP UpdateREV04\Allachment D-2GW.sampform_DRAFTv1.xis

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Key					mpling Personn	♥ ¥.K.	DAZ		
	Background (pp				Dav		00		
Well	Headepace (pp	m) _ O			Weath		and the second se	nny	*******
WELL INFO	RMATION					0			
	ence Point Marks	d? Y N						n 15.25	
Height	t of Reference Po		Mona. Fro	m				DDPCA-	MW-1
	Well Diame	The second secon			******		Duplicate i MS/MS		
	roen Interval Dep			m Groun	<u>J</u>		Spill Sample		
	Water Table Dep Weil Dep	₩ <u>78,32</u> ₩ <u>28,</u> 00	Moss. Fro	m <u>716</u> m <i>T/</i> L					·
Longt	th of Water Colum			m <u>770</u>		Required (X)		al Parametera;	Collected
	me of Water in W		allows			(\land)	,	Ca (Sad. lint) Sa (Exp. lint)	(\boldsymbol{X})
intake Dep	oth of Pump/Tubir	<u>v 231</u>	Moss. From	m_ <u>Tle</u>		(\mathbf{X})		SVOCs	$\langle \boldsymbol{\mathcal{X}} \rangle$
Roference P	oint Identification	•				()		Bis (Total)	()
	Inner (PVC) Casi					(X)		(Dissolved)	(\mathcal{X})
TOC: Top of	f Outer (Protectiv	e) Casing				~~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	•	organics (Total)	()
Grade/BGS:	Ground Surface					()	•	anics (Dissolved) nide (Dissolved)	$(\boldsymbol{\lambda})$
Redevelop?	YN					(\mathbf{X})		nide (Dissolved)	()
						(X)		Ds/PCDFs	()
						()		es/Herbicides Atlenuation	()
						(X)		r (Specify)	()
STAGUA (10)	N INFORMATION Pump Start Time	1415					Su	Rde	(X)
	Pump Stop Time	15.50		+	Evacuation Me	ethod: Bailor	() Bladder	Pump ()	
		A							
	utes of Pumping		_		Peristattic Pun	no('vî S⊧			
Volume of	Water Removed Did Well Go Dry?	8. Ogen II Y N	シつ よ Serial Numbers;	J-51-5	Samples collec	cted by same m	ubmensible Pump <u>Pump と</u> ethod an evacuatic	() Other/Sp m? () N (spec	
Volume of	Water Removed Did Well Go Dry?	8. Ogen II Y N	-	Jost-S	Pump Type: Samples collec	Sp. Cond.	ubmensible Pump 20mp2 othod as evacuatic いんこりの Turbidity	() Other/Sp m? ⑦ N (spec アブルーム) (DO	N) limete
Volume of [Time	Water Removed Did Well Go Dry? Water Quality A Pump	P-Og, Il Y N Aeter Type(s)/ S	Serial Numbers: Water	Temp.	Pump Type: Samples collect	Cred by same m	ubmensible Pump 20mp 2 othod as evacuatic しん こりの	() Other/Sp m? () N (spec アブルーム) DO (mg/i)	ay) linete
Volume of Time	Water Removed Did Well Go Dry? Water Quality A Pump Rate	P. Oq., 11 Y N Aster Type(s) / S Total Gailone	Serial Numbers: Water Level	Temp. (Celsius) [3%]*	Pump Type: Samples collect	Sp. Cond. (mS/cm)	ubmensible Pump 20 m p 2 ethod an evacuation the 2100 Turbidity (NTU) [10% or 1 NTUP	() Other/Sp m? () N (spec アブルーム) (DO (mg/i)	N) limete
Volume of [Time	Water Removed Did Well Go Dry? Water Quality A Pump Rate (Linsin.) 320 0.4	P. Og., II Y N Aeter Type(s)/S Total Gailons Removed	Serial Numbers: Water Lavel (ft TIC)	Temp. (Celsius) [3%]*	Pump Type: Samples collect	2 2 0 5 cted by same m 2 1/a c .Sp. Cond. (mS/cm) [3%]*	ubmensible Pump 20 m p 2 othod as evacuatic 0.6 2100 Turbidity (NTU) [10% or 1 NTUP 153	() Other/Sp m? () N (spec アブルーム) DO (mg/i)	av) / in te. ORP (mv) [10 mv]*
Volume of Time	Water Removed Did Well Go Dry? Water Quality N Pump Rate (L/min.) 3200.9	P. Oq., 11 Y N Aeter Type(s) / S Total Gailone Removed 257 8-36 2 7 8-36	Serial Numbers: Lavel (ft TIC) 7.8.36 7.8.39	Temp. (Celsius) [3%]*	Pump Type: Samples collect SGMF pH i(0.1 units)*	2 2 co /- cted by same m 2 // a c 3 // a c (mS/cm) [3%]*	ubmersible Pump 2 m p 2 ethod as evacuatic (h 2100 Turbidity (NTU) [10% or 1 NTUP 153 104	() Other/Sp m? () N (spec P 74-57) DO (mg/l) [10% or 0.1 mg/l] 	av) / in te. ORP (mv) [10 mv]*
Volume of Time 1418 1420 1425	Water Removed Did Well Go Dry? Water Quality N Pump Rate (Unsin.) 3200.9 3200.9	P. Oq., 11 Y N Aeter Type(s) / S Total Gailone Removed 257 8-36 27 8-36 518.64 64	Serial Numbers: Water Level (ft TIC) 	Temp. (Cetatus) [3%]* 	Pump Type: Samples collect 56 MF pH i0.1 units[- 7,79	2 <u>5</u> <u>co</u> <u>f</u> <u>cted by same m</u> <u>3</u> <u>11</u> <u>a</u> <u>5</u> <u>p</u> . Cond. (mS/cm) <u>3</u> % <u>1</u> <u>-</u> <u>1</u> ,420	ubmensible Pump 20 m p 2 ethod an evacuation ch 2100 Turbidity (NTU) [10% or 1 NTUP 153 104 33	() Other/Sp P = 74 - 577 P = 74 - 577 D0 (mg/l) (10% or 0.1 mg/l) - 0.557	av) / in te. ORP (mv) [10 mv]*
Volume of [Time [4]20	Water Removed Did Weil Go Dry? Water Quality N Pump Rate (L/min.) 3200.9 3200.9 320.19 320.19 320.19 320.19	P. Oq., 11 Y N Aeter Type(s) / S Total Gailone Removed 257 518. 647 18. 647	Serial Numbers: Level (ft TIC) 7.8.36 7.8.39 7.8.39 7.8.64 7.8.75	Temp. (Celsius) [3%]* 	Pump Type: Samples collect 56 M F pH i0.1 units 7, 7, 63	(mS/cm) (3%) ² (mS/cm) (3%) ² 	ubmersible Pump 2 m p 2 ethod as evacuatic (h 2100 Turbidity (NTU) [10% or 1 NTUP 153 104	() Other/Sp m? () N (spec P 74-57) DO (mg/l) [10% or 0.1 mg/l] 	(mav)
Volume of Time 14/B 1420 1425 1430	Water Removed Did Weil Go Dry? Water Quality N Pump Rate (L/min.) 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 320.9 320.9 320.9 320.9 320.9 320.9 320.9 320.9 320.9 320.9 320.9 320.9	$\frac{P \cdot Oq_{so} \Pi}{Y (1)}$ Actor Type(s) / 5 Total Gallons Removed 257 $\frac{P \cdot Oq_{so}}{2}$ $\frac{P \cdot Oq_{so}}{2}$ $\frac{P \cdot Oq_{so}}{2}$ $\frac{P \cdot Oq_{so}}{2}$	Serial Numbers: Water Level (ft TIC) VB-36 18-39 18-64 18-75 18-75	Temp. (Celeiue) [3%]* 	Pump Type: Samples collect 56 MF pH i0.1 units[- 7,79	2 <u>5</u> <u>co</u> <u>f</u> <u>cted by same m</u> <u>3</u> <u>11</u> <u>a</u> <u>5</u> <u>p</u> . Cond. (mS/cm) <u>3</u> % <u>1</u> <u>-</u> <u>1</u> ,420	ubmensible Pump 20 m p 2 ethod an evacuation ch 2100 Turbidity (NTU) [10% or 1 NTUP 153 104 33	() Other/Sp P = 74 - 577 P = 74 - 577 D0 (mg/l) (10% or 0.1 mg/l) - 0.557	1) 1, m utc. ORF (mv) [10 mv] - - - - - - - - - - - - -
Volume of Time 14/8 1420 1425 1430 1435 1440	Water Removed Did Weil Go Dry? Water Quality N Pump Rate (L/min.) 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.320	P : Oq., 11 Y (R) Aeter Type(s) / 5 Total Gailone Removed 2578-36 278-36 518: 64- 18: -75- 1.69 Z.1Z	Serial Numbers: Level (ft TIC) 7.8.36 7.8.39 7.8.39 7.8.64 7.8.75	Temp. (Celsius) [3%]* 	Pump Type: Samples collect 56 M F pH i0.1 units 7, 7, 63	(mS/cm) (3%) ² (mS/cm) (3%) ² 	ubmensible Pump 20 m p 2 othod an evacuation た 2100 Turbidity (NTU) [10% or 1 NTUP 153 104 33 22	() Other/Sp m^{2} () N (spec P T u - S f' DO (mg/l) [10% or 0.1 mg/l] - 0.5^{c} 0.49	1) 1) mute (mv) (10 mv) (10 mv)
Volume of Time 14/B 1420 1425 1430	Water Removed Did Well Go Dry? Water Quality N Rate [(Insin.) 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 300.9 300.9 3000.9 300.9 300.9 300.9 300.9 3000.9 30	P. Oq N Y N Aetor Type(s) / 5 Total Gailons Removed 25/ $\overline{3.36}$ Total 275.39 State State Total 12.75.39 State State State 2.75.39 State State State J.C.9 Z.1Z Z.54 State	Serial Numbers: Water Level (ft TIC) VB-36 18-39 18-64 18-75 18-75	Temp. (Celeiue) [3%]* [4,9] [4,9] [4,77 [4,63 [4,77	Pump Type: Samples collect 56 M F pH i0.1 units f - 7, 63 7, 63 7, 48 7, 56	2 <u>2 co</u> <u>F</u> cted by same m 2 <u>14 a</u> (mS/cm) (3%) ² 1.420 1.437 1.430 1.443 1.443 1.443	ubmensible Pump 20 m p 2 othod an evacuatic ch 2100 Turbidity (NTU) [10% or 1 NTUP 153 104 33 22 109	() Other/Sp n^{2} () N (spec P T u - S f' DO (mg/i) [10% or 0.1 mg/i] - 0.57 0.57 0.49 0.58 0.68	1) 1) mute (mv) (mv) [10 mv] - - - - - - - - - - - - -
Volume of Three 1418 1420 1420 1430 1430 1430 1430 1435 1440 1445 1445	Water Removed Did Weil Go Dry? Water Quality N Pump Rate (L/msin.) 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.30 3200.30 3200.30 3200.30	P : Oq., 11 Y (N) Actor Type(s) / 5 Total Gallons Removed 25 7 8:36 27 8:36 27 8:36 27 8:36 27 8:36 27 8:36 278:37 5 18:64 - 1 8:75 /.69 Z.1Z Z.5Y 2.5Y	Serial Numbers: Water Level (ft TIC) //8.36 //8.39 //8.39 //8.40 //8.75 //8.75 //8.90 18.90 18.90 18.99 19.99	Temp. (Celeiue) [3%]" [4,9] [4,9] [4,77 [4,77 [4,77 [4,77 [4,63 [4,77 [4,62 [4,62]	Pump Type: Samples collect 56 MJP pH i0.1 units/ - 7,79 7,63 7,63 7,48 7,48 7,56 7,46 7,46	2 co f ctod by same m 2 // a (mS/cm) (3%) 1.420 1.437 1.430 1.443 1.443 1.445	ubmersible Pump 24 m p 2 othod an evacuation (NTU) [10% or 1 NTUP 153 104 33 22 16 12 14 13	() Other/sp n^{2} () N (spec P T u - 5 r' D0 (mg/l) [10% or 0.1 mg/l] - 0.5^{c} 0.5^{c} 0.58 0.168 0.165	1) 1) mute (mv) (10 mv) (10 mv)
Volume of Three 14/B 1420 1420 1430 1430 1435 1430 1435 1450 The stabetization	Water Removed Did Weil Go Dry? Water Quality N Pump Rate (L/msin.) 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.3 3200.3 3200.3 3200.3 3200.3 3200.3 3200.3 3200.3 3200.3 3200.3 3200.3 3200.3 3200.3 3200.3 3200.3 3200.3 3200.3 320.3	P : Oq., 11 Y (N) Actor Type(s) / 5 Total Gailone Removed 25 7 8:36 27 8:36 27 8:36 27 8:36 27 8:36 27 8:36 278:37 5 18:44 - 1 8:75 /.69 Z.12 Z.54 2.54 2.96 h field parameter	Serial Numbers: Water Level (ft TIC) //8.36 //8.39 //8.40 //8.75 //8.75 //8.90 18.99 18.99 19.99 19.99 19.09 19.09	Temp. (Celeiue) [3%]" [4,9] [4,9] [4,77 [4,27] [4,63 [4,77 [4,52] [4,62]	Pump Type: Samples collect 56 MJP pH i0.1 units/ - 7,79 7,63 7,63 7,48 7,48 7,56 7,46 7,46 7,44	2 (mS/cm) (3%) ² 1.420 1.430 1.430 1.443 1.443 1.445 1.445	ubmensible Pump 24 m p 2 othod an evacuation (NTU) [10% or 1 NTUP 153 104 33 22 16 12 14 13	() Other/sp n^{2} () N (spec P T u - S r' D0 (mg/l) $(10\% \text{ or } 0.1 \text{ mg/l}^{+}$ 0.5% 0.5% 0.5% 0.16% 0.6%	4) 1. mute. (mv) (10 my.
Volume of Three 14/B 1420 1420 1430 1430 1435 1430 1435 1450 The stabetization	Water Removed Did Weil Go Dry? Water Quality N Pump Rate (L/msin.) 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.3 3200.3 3200.3 3200.3 3200.3 3200.3 3200.3 3200.3 3200.3 3200.3 3200.3 3200.3 3200.3 3200.3 3200.3 3200.3 3200.3 320.3	P : Oq., 11 Y (N) Actor Type(s) / 5 Total Gailone Removed 25 7 8:36 27 8:36 27 8:36 27 8:36 27 8:36 27 8:36 278:37 5 18:44 - 1 8:75 /.69 Z.12 Z.54 2.54 2.96 h field parameter	Serial Numbers: Water Level (ft TIC) //8.36 //8.39 //8.40 //8.75 //8.75 //8.90 18.99 18.99 19.99 19.99 19.09 19.09	Temp. (Celeiue) [3%]" [4,9] [4,9] [4,77 [4,27] [4,63 [4,77 [4,52] [4,62]	Pump Type: Samples collect 56 MJP pH i0.1 units/ - 7,79 7,63 7,63 7,48 7,48 7,56 7,46 7,46 7,44	2 (mS/cm) (3%) ² 1.420 1.430 1.430 1.443 1.443 1.445 1.445	ubmensible Pump 24 m p 2 othod an evacuation (NTU) [10% or 1 NTUP 153 104 33 22 16 12 14 13	() Other/sp n^{2} () N (spec P T u - S r' D0 (mg/l) $(10\% \text{ or } 0.1 \text{ mg/l}^{+}$ 0.5% 0.5% 0.5% 0.16% 0.6%	4) 1. mute. (mv) (10 my.
Volume of Time 14/8 1420 1420 1425 1430 1435 1440 1445 1440 1445 1440 1445 1440 1445 1440 1445 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1440 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 1460 14600 1460 14600 14600 14600 14600 14600 14600 146000	Water Removed Did Weil Go Dry? Water Quality N Pump Rate (Unsin.) 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.9 3200.30 500.30 500.30 500.30 500.30 500.30 500.30 500.30 500.30 500.30 500.30 500.00 1.00 1.00 1.00	P. O_{q_p} , 11 Y (N) Aetor Type(s) / 5 Total Gailons Removed 2578,39 578,54 18,54 18,54 18,54 18,54 18,54 18,54 18,54 18,54 18,54 18,54 18,54 18,54 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,55 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,557 19,5	Serial Numbers: Water Level (ft TIC) //8.36 //8.39 //8.39 //8.40 //8.75 //8.75 //8.75 //8.70 18.99 18.99 19.09 19.09 19.09 (three consect III) (three consect III) (three consect	Temp. (Celeiue) [3%]" [4,9] [4,9] [4,9] [4,9] [4,9] [4,63 [4,77 [4,63 [4,77 [4,63 [4,52] [4,62 [4,62] [4,62] [4,62]	Pump Type: Samples collect 30 MP pH i0.1 units 7, 40 7, 63 7, 63 7, 48 7, 56 7, 48 7, 48 7, 56 7, 46 7, 40 7, 44 7, 40 7, 44 7, 40 7, 44	2 conf. ctoct by same m 2 Ha. (mS/cm) (3%) ² 	ubmensible Pump 24 m p 2 ethod an evacuation (NTU) [10% or 1 NTUP 153 104 33 22 16 12 14 13 B) is listed in each	() Other/Sp n^{2} () N (spec P T h - 5 T h p T h - 5 T h (mg/l) (10% or 0.1 mg/l] (10% or 0.1 mg/l] 0.5% 0.5% 0.5% 0.5% 0.5% 0.5% 0.16% 0.16% 0.6% 0.6%	1) 1) mute (mv) (10 mv) (10 mv) (10 mv)
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Sampling Personnel

Site/GMA Name W. Cornall Date <u>10%</u> 50° Weather

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WELL INFORMATION - See Page 1

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	р Н [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1455	320	3.38	19,15	14.57	7,43	1,450	q	0157	-56,0
500	320	3.81	19,17	14.51	7.41	1.452	7	0.51	-58.9
1505		4.23	19.23	14.59	7,58	1,438	8	0,43	-82.4
1510		4.65	19.27	14.58	7,54	1.437	8	0.43	-70,3
1515		5.07	19,29	14.52		1.437	8	0.40	- 640
1520	\checkmark	5.50	19.32	14,56	7,44	1,436	7	0,38	-63.3
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• The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading. OBSERVATIONS/SAMPLING METHOD DEVIATIONS

V:\GE_Pittsfield_General_Confidential/Reports and Presentations/FSP_QAPP UpdateREV04Altachment D-2GWsampform_DRAFTv1.xla

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We	Headepace (p	(mqm)			Weat		120/08 SUDAU			•
-	FORMATION						Some			· MI
	Porolli Al Ione Monce Point Mari						Sample Te	ma 1755	- 110/201)e
	ht of Reference I		2.5 Mean Fro	RIC		;	Sample	10 OPCA-H	1Lunz P	
	Well Dian		12. 7 MARINA PRO	m <u> </u>	, 		Duplicate	ID		
s	Screen Interval D	opth 25	7/0 Moes. Fro	m BLS			MSAMS			
	Water Table D		Mons. Fro	m_TIC			Split Sample	iD		
i enr	Well Do gth of Water Coll			m_TJC		Required	Analyti	cal Parametera;	Collected	مرا بعد
		umn <u>3×68</u> Well <i>0-60</i> 0				(\mathbf{x})		Cs (Sid. int)		0/2
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rade/BGS	Ground Surfac)				(X)	Metals/Inon	ganics (Dissolved)	in 1	0/21
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edevelop:	? Y N					(X) (X)		nide (Dissolved)		·*1 -
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										100
	Pump Start Tim							1Ride	10 IL	100
	Pump Start Tim Pump Stop Tim	16:05		i i	Evecuetion M	lethody Deter	Su	1Rde	10 IL	100
Mi	Pump Start Tim Pump Stop Tim inutes of Pumpin	16:05 145		÷	Evacuation M Perintaltic Pur		کی () Bladder	Pump ()		100
Mi Volume ol	Pump Start Tim Pump Stop Tim inutes of Pumpin if Water Remove	ne <u>16:05</u> ne <u>145</u> nd 6-60 g	lon,	i.	 Peristatic Pur Pump Type: 	Geo	() Bladder ubmersible Pump Pump 2	Pump () () Other/Sp	•city ()	100
Mi Volume ol	Pump Start Tim Pump Stop Tim inutes of Pumpin	ne <u>16:05</u> ne <u>145</u> nd 6-60 g	וימון	•	 Peristatic Pur Pump Type: 	Geo	() Bladder ubmersible Pump	Pump () () Other/Sp	•city ()	1
Mi Volume ol	Pump Start Tin Pump Stop Tim inutes of Pumpin of Water Remove Did Well Go Dry	ne <u>16:05</u> ne <u>145</u> nd 6-60 g		, Y	Peristatic Pur Pump Type: Samples colle	Geo	() Bladder ubmersible Pump Pump 2 ethod as evacuatic	Pump () () Other/Sp	ecity ()	100
Mi Volume ol	Pump Start Tin Pump Stop Tim inutes of Pumpin of Water Remove Did Well Go Dry	$\frac{1605}{9} = \frac{145}{0.60 \text{ g}}$	Serial Numbers:	, Y	Peristatic Pur Pump Type: Samples colle	np (X) Si Seo cted by same m	() Bladder ubmersible Pump Pump 2 ethod as evacuatic	Pump () () Other/Sp	ecity ()	1.00
Mi Volume ol	Pump Start Tim Pump Stop Tim inutes of Pumpin if Water Remove Did Weil Go Dry Water Quality	$\frac{1605}{9} = \frac{145}{145}$		i Temp. (Calajua)	Peristatic Pur Pump Type: Samples colle	np (X) S Seo includ by same m 5 6 MP .sp. Cond.	Sumplementation S_{u} () Bladder ubmensible Pump Pump 2 ethod as evacuation S / H Turbidity	Pump () () Other/Sp	ecity ()	
Mi Volume of Time	Pump Start Tim Pump Stop Tim inutes of Pumpin if Water Remove Did Well Go Dry Water Quality Pump	He 16:05 He 195 He 6-60 g Y N Meter Type(s)/	Serial Numbers: Water	Temp. (Ceisius) [3%]*	Peristatic Pur Pump Type: Samples colle SI S pH	np (X) S Seo includ by same m 5 6 Mp ,3p. Cond. (mS/cm)	Su binersible Pump Pump 2 ethod as evacuatic S/H Turbidity (NTU)	1 R de Pump () () Other/Sp DN? () N (spec ACH 210 (mg/l)	•city () sty) Op ORP (mV)	100
Mi Volume of Time	Pump Start Tim Pump Stop Tim inutes of Pumpin if Water Remove Did Weil Go Dry Water Quality Pump Rate	Ne 14:05 Ne 145 d 6-60 g Y N Meter Type(s)/: Total Gailone	Serial Numbers: Water Level (ft TIC)	(Coisius)	Peristatic Pur Pump Type: Samples colle	np (X) S S C O S C O S G MP (mS/cm) [3%]*	Su () Bladder ubmersible Pump Pump 2 ethod as evacuatic S/H Turbidiky (NTU) [10% or 1 NTUP	1 R de Pump () () Other/Sp DN? () N (spec ACH 210 (mg/l)	есіу () я́у) ОПР	100
Mi Volume of Time	Pump Start Tim Pump Stop Tim inutes of Pumpin if Water Remove Did Well Go Dry Water Quality Pump Rate (L/min.)	Image: 16:05 Image: 195	Serial Numbers: Level (ft TIC) 23,78	(Celsius) [3%]*	Peristatic Pur Pump Type: Samples colle SS pH 	np (X) S S EO includ by same m 5 6 MP 	SU Bladder ubmersible Pump Pump 2 ethod as evacuatic S/H Turbidiky (NTU) [10% or 1 NTUP BS5	1 R de Pump () () Other/Sp DN? () N (spec ACH 210 (mg/l)	•city () sty) Op ORP (mV)	7.00
Mi Volume of Time	Pump Start Tim Pump Stop Tim inutes of Pumpin if Water Remove Did Well Go Dry Water Quality Pump Rate (L/min.)	$\frac{1605}{9} = \frac{145}{145}$ $\frac{145}{9} = \frac{145}{145}$ $\frac{145}{9} = \frac{145}{9}$	Serial Numbers: Lavel (ft TIC) 23,78 24/16	(Colsius) [3%]*	Peristatic Pur Pump Type: Samples colle SS pH 	np (X) S S C O S C O S G MP (mS/cm) [3%]*	Sumplementation S_{ij} () Bladder ubmensible Pump Pump 2 ethod as evacuatic S / H Turbidiky (NTU) [10% or 1 NTUP 85 62.	1 R de Pump () () Other/Sp DN? () N (spec ACH 210 (mg/l)	•city () sty) Op ORP (mV)	
Mi Volume of Time 2000 2000	Pump Start Tim Pump Stop Tim inutes of Pumpin if Water Remove Did Well Go Dry Water Quality Pump Rate (L/min.)	$\frac{1605}{9} = \frac{145}{145}$ $\frac{145}{6-60}$ $\frac{145}{9} = \frac{145}{9}$ Meter Type(s) / 1 Total Gailons Removed 0.17 0.29 0.58	Vatur Levul (ft Tic) 23,78 24/16 24,31	(Ceisius) [3%]*	Peristatic Pur Pump Type: Samples colle SS pH 	np (X) S S EO Acted by same m 5 6 MP 	SU Bladder ubmersible Pump Pump 2 ethod as evacuatic S/H Turbidiky (NTU) [10% or 1 NTUP BS5	1 R de Pump () () Other/Sp DN? () N (spec ACH 210 (mg/l)	•city () sty) Op ORP (mV)	7.00
Mi Volume of Time (208) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2	Pump Start Tim Pump Stop Tim inutes of Pumpin if Water Remove Did Well Go Dry Water Quality Pump Rate (L/min.)	$ \frac{1605}{9} - \frac{145}{9} \frac{145}{6-60} \frac{1}{9} \frac{1}{9}$	Sertal Numbers: Level (ft TIC) 23,78 24,16 24,31 24,45	(Colsius) [3%]*	Peristatic Pur Pump Type: Samples colle SS pH 	np (X) S Seo includ by same m 5 6 MP 	Sump Sump Sump Sump School as evacuatic Structure Struc	1 R de Pump () () Other/Sp In? D N (spec ACH 210 (mg/l) [10% or 0.1 mg/l] 	ORP (raV) [10 mV]*	
Mi Volume of 71me 208 215 20 25	Pump Start Tim Pump Stop Tim inutes of Pumpin if Water Remove Did Well Go Dry Water Quality Pump Rate (L/min.)	$\frac{1605}{9} = \frac{145}{145}$ $\frac{145}{6-60}$ $\frac{145}{9} = \frac{145}{9}$ Meter Type(s) / 1 Total Gailons Removed 0.17 0.29 0.58	Vatur Levul (ft Tic) 23,78 24/16 24,31	(Ceisius) [3%]*	Peristatic Pur Pump Type: Samples colle SS	np (X) S <u>Geo</u> sched by same m <u>G</u> <u>G</u> <u>M</u> <u>G</u> <u>Sp</u> . Cond. (mS/cm) <u>G</u> <u>Sp</u> . <u>Cond.</u> (mS/cm) <u>G</u> <u>Sp</u> . <u>Cond.</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u>	Summersible Pump $P_{Lmp} \ge$ $P_{lmp} \ge$ $P_{lmp} \ge$ $P_{lmp} \ge$ $ethod as evacuatic \le / HTurbidity(NTU)[10% or 1 NTUPBS^{-}E \ge47^{-}160$	Pump () () Other/sp () Other/sp DP N (spec ACH Z IO (mg/l) [10% or 0.1 mg/l] 	ORP (mV) [10 mV] 	
Mi Volume of 71me 208 20 20 25 30	Pump Start Tirr Pump Stop Tim inutes of Pumpin if Water Remove Did Well Go Dry Water Quality Pump Rate (Urnin.)	$ \frac{1605}{9} - \frac{145}{9} \frac{145}{6-60} \frac{1}{9} \frac{1}{9}$	Serial Numbers: Level (ft TIC) 23,78 24,16 24,31 24,68	(Cotatua) [3%]* 13.06 13.01	Peristatic Pur Pump Type: Samples colle S_T	np (X) S Geo includ by same m 5 6 Mp (mS/cm) (3%) ² -	Sump Sump Sump Pump 2 ethod as evacuatic S / H Turbidiky (NTU) [10% or 1 NTUP $BS5$ G 2 4 7 16 15	$\begin{array}{c} 1 \text{ Bd} \\ 1 \text{ Bd} \\ \hline \\ \text{Pump ()} \\ () & \text{Other/Sp} \\ \hline \\ \text{Other/Sp} \\ \hline \\ $	ORP (mV) [10 mV] 	
Mi Volume of 71me 608 570 570 20 25 30	Pump Start Tim Pump Stop Tim inutes of Pumpin if Water Remove Did Well Go Dry Water Quality Pump Rate (L/min.)	$ \frac{1605}{9} - \frac{145}{145} $ $ \frac{145}{9} - \frac{145}{15} $ $ \frac{145}{9} - \frac{145}{15} $ Meter Type(s) / 1 Total Gallone Removed 0.177 0.29 0.58 0.877 1.45	Serial Numbers: Level (ft TIC) 23,78 24,16 24,31 24,45 24,68 24,68 24,87	(Cotatus) [3%]* - - /3.06 13.01 12.96	Peristatic Pur Pump Type: Samples colle 55 pH i0.1 units]* 	np (X) S S eo 1 sched by same m 5 6 MP (mS/cm) [3%]* - 1,142 1,151 1.162	Summersible Pump $P_{Lmp} \ge$ $ethod as evacuatic \le / HTurbidity(NTU)(10% or 1 NTUP)856 \ge47161512$	Pump () () Other/sp () Other/sp DP N (spec ACH Z IO (mg/l) [10% or 0.1 mg/l] 	ORP (mV) [10 mV] 	
Mi Volume of 71me 208 710 208 20 25 30 35	Pump Start Tirr Pump Stop Tim inutes of Pumpin if Water Remove Did Well Go Dry Water Quality Pump Rate (L/nsin.) 220	$ \frac{1605}{9} - \frac{145}{9} \frac{145}{9} \frac{145}{9} \frac{145}{9} \frac{145}{9} \frac{145}{9} \frac{145}{9} \frac{1100}{9} \frac{1100}{1100} \frac{1100}{110$	Serial Numbers: Level (ft TIC) 23,78 24,16 24,31 24,45 24,68 24,68 24,68 24,68 24,68	(Cotatus) [3%]* - - /3.06 13.01 12.94 12.94	Peristatic Pur Pump Type: Samples colle 5.1 5 pH i0.1 units 	np (X) S G EQ J cool by same m G G MP (mS/cm) (3%) ² 	Summersible Pump 2 ethod as evacuatic S / H Turbidity (NTU) [10% or 1 NTUP 85 62. 47 16 15 12 13	$\begin{array}{c} 1 \text{ Bde} \\ \text{Pump ()} \\ () & \text{Other/Sp} \\ \hline \\ \text{Other/Sp} \\ \hline \\ \text{OT} & \text{Other/Sp} \\ \hline \\ \hline \\ \hline \\ \text{OT} & \text{Other/Sp} \\ \hline \\ \hline \\ \hline \\ \hline \\ \hline \\ \text{OT} & \text{Other/Sp} \\ \hline \\ $	ORP (mV) [10 mV] 	
Mi Volume of 71me 608 570 570 20 25 30 35 40	Pump Start Tirr Pump Stop Tim inutes of Pumpin if Water Remove Did Well Go Dry Water Quality Pump Rate (Urmin.) 220	$\frac{1605}{9} - \frac{145}{9} - \frac{160}{9} - \frac{145}{9} - \frac{160}{9} - 1$	Serial Numbers: Level (ft TIC) 23,78 24,16 24,16 24,68 24,68 24,68 24,68 24,68 24,68 24,68 24,68 24,68	(Cotakua) [3%]* - - /3.06 13.01 12.46 12.46 12.44 12.44	Peristatic Pur Pump Type: Samples colle 5.1 5 pH i0.1 units]* 	np (X) S S eo J sched by same m 5 6 MP (mS/em) [3%]* 1,142 1,151 1.162 1,200 1,222	Summersible Pump $P_{Lmp} \ge$ $ethod as evacuatic \le / HTurbidity(NTU)(10% or 1 NTUP)856 \ge471615121339$	$\begin{array}{c} 1 \text{ Bde} \\ \text{Pump ()} \\ () & \text{Other/Sp} \\ \hline \\ 1 \text{ other/Sp} \\ \hline \hline \\ 1 \text{ other/Sp} \\ \hline \\ 1 \text{ other/Sp} \\ \hline \hline \hline \\ 1 \text{ other/Sp} \\ \hline \hline \hline \\ 1 \text{ other/Sp} \\ \hline \hline \hline \hline \\ 1 \text{ other/Sp} \\ \hline \hline \hline \hline \hline \\ 1 \text{ other/Sp} \\ \hline \hline \hline \hline \hline \hline \hline \\ 1 \text{ other/Sp} \\ \hline $	$\frac{OP}{(rav)}$ $\frac{OP}{(rav)}$ $\frac{10}{-22}$ $\frac{-37}{8}$ $\frac{-39}{6}$	
Mi Volume of 71me 608 510 30 30 30 35 40 40 stabilizati	Pump Start Tirr Pump Stop Tim inutes of Pumpin if Water Remove Did Weil Go Dry Water Quality Pump Rate (Unsin.) 2.2.0	$\frac{1605}{9} - \frac{145}{9} \frac{145}{9} \frac{145}{9} \frac{145}{9} \frac{145}{9} \frac{145}{9} \frac{145}{9} \frac{145}{9} \frac{1145}{9} \frac{1145}{9} \frac{1145}{9} \frac{1145}{1145} $	Serial Numbers: Water Level (ft TIC) $\partial 3, 785$ 24,165 24,31 24,68 24,68 24,68 24,68 24,68 24,52 25,02 25,03 or (three consecution)	(Cotakua) [3%]* - - /3.06 13.01 12.46 12.46 12.44 12.44	Peristatic Pur Pump Type: Samples colle 5.1 5 pH i0.1 units]* 	np (X) S S eo J sched by same m 5 6 MP (mS/em) [3%]* 1,142 1,151 1.162 1,200 1,222	Summersible Pump $P_{Lmp} \ge$ $ethod as evacuatic \le / HTurbidity(NTU)(10% or 1 NTUP)856 \ge471615121339$	$\begin{array}{c} 1 \text{ Bde} \\ \text{Pump ()} \\ () & \text{Other/Sp} \\ \hline \\ 1 \text{ other/Sp} \\ \hline \hline \\ 1 \text{ other/Sp} \\ \hline \\ 1 \text{ other/Sp} \\ \hline \hline \hline \\ 1 \text{ other/Sp} \\ \hline \hline \hline \\ 1 \text{ other/Sp} \\ \hline \hline \hline \hline \\ 1 \text{ other/Sp} \\ \hline \hline \hline \hline \hline \\ 1 \text{ other/Sp} \\ \hline \hline \hline \hline \hline \hline \hline \\ 1 \text{ other/Sp} \\ \hline $	ORP (mV) [10 mV] 	
Mi Volume of Volume of Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume of Volume of Volume Volume of Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volume Volum	Pump Start Tim Pump Stop Tim inutes of Pumpin if Water Remove Did Well Go Dry Water Quality Pump Rate (Unsin.) 220	16:05 9 145 19 145 19 145 10 6.60 g, 11 Gallone Removed 0.17 0.29 0.58 0.87 1.16 1.45 1.74 2.00 ch field parameter WETHOD DEVIA Ch field parameter	Serial Numbers: Water Level (ft TIC) 33,783 24,1165 24,431 24,45 24,68 24,68 24,68 24,68 24,68 25,72 25,72 25,72 35,33 er (three consecut TIONS	(Cotatus) [3%]* - - /3.06 13.01 12.96 12.94 12.94 12.94 12.94	Peristatic Pur Pump Type: Samples colle 5.1 5 pH i0.1 units]* 	np (X) S S eo J sched by same m 5 6 MP (mS/em) [3%]* 1,142 1,151 1.162 1,200 1,222	Summersible Pump 2 ethod as evacuatic S / H Turbidity (NTU) [10% or 1 NTUP 85 62. 47 16 15 12 13	$\begin{array}{c} 1 \text{ Bde} \\ \text{Pump ()} \\ () & \text{Other/Sp} \\ \hline \\ 10^{2} \text{ Other/Sp} \\ \hline \\ 10^{2} \text{ Other/Sp} \\ \hline \\ 10^{2} \text{ Other/Sp} \\ \hline \\ 10^{2} \text{ or } 0.1 \text{ mg/ff} \\ \hline \\ \hline \\ 0.99 \\ \hline \\ 0.92 \\ \hline \\ 1.07 \\ \hline \\ 1.07 \\ \hline \\ 1.07 \\ \hline \\ 0.97 \\ \hline \\ 1.07 \\ \hline \\ 0.97 \\ \hline \\ 1.07 \\ \hline \\ 0.97 \\ \hline \hline \hline \\ 0.97 \\ \hline \hline \hline \\ 0.97 \\ \hline \hline \hline \hline \\ 0.97 \\ \hline \hline \hline \hline \hline \\ 0.97 \\ \hline $	$\frac{OP}{(rav)}$ $\frac{OP}{(rav)}$ $\frac{10}{-22}$ $\frac{-37}{8}$ $\frac{-39}{6}$	
Mi Volume of 2000 200 200 200 35 30 35 30 35 30 35 30 35 20 20 20 20 20 20 20 20 20 20 20 20 20	Pump Start Tirr Pump Stop Tim inutes of Pumpin if Water Remove Did Well Go Dry Water Quality Pump Rate (L/min.) 2.2.0 4 4 4 2.0 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	$\frac{1605}{9} - \frac{145}{9} \frac{145}{9} \frac{145}{9} \frac{145}{9} \frac{145}{9} \frac{145}{9} \frac{145}{9} \frac{145}{9} \frac{1145}{9} \frac{1145}{9} \frac{1145}{9} \frac{1145}{1145} $	Serial Numbers: Water Level (f TIC) 33,762 24,163 24,431 24,45 34,68 24,68 24,68 24,68 24,68 24,68 24,68 24,68 34,68 24,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 34,68 3	(Cotakua) [3%]* - - /3.06 13.01 12.46 12.46 12.44 12.44	Peristatic Pur Pump Type: Samples colle 5.1 5 pH i0.1 units]* 	np (X) S S eo J sched by same m 5 6 MP (mS/em) [3%]* 1,142 1,151 1.162 1,200 1,222	Summersible Pump $P_{Lmp} \ge$ $ethod as evacuatic \le / HTurbidity(NTU)(10% or 1 NTUP)856 \ge471615121339$	$\begin{array}{c} 1 \text{ Bde} \\ \text{Pump ()} \\ () & \text{Other/Sp} \\ \hline \\ 10^{2} \text{ Other/Sp} \\ \hline \\ 10^{2} \text{ Other/Sp} \\ \hline \\ 10^{2} \text{ Other/Sp} \\ \hline \\ 10^{2} \text{ or } 0.1 \text{ mg/ff} \\ \hline \\ \hline \\ 0.99 \\ \hline \\ 0.92 \\ \hline \\ 1.07 \\ \hline \\ 1.07 \\ \hline \\ 1.07 \\ \hline \\ 0.97 \\ \hline \\ 1.07 \\ \hline \\ 0.97 \\ \hline \\ 1.07 \\ \hline \\ 0.97 \\ \hline \hline \hline \\ 0.97 \\ \hline \hline \hline \\ 0.97 \\ \hline \hline \hline \hline \\ 0.97 \\ \hline \hline \hline \hline \hline \\ 0.97 \\ \hline $	$\frac{OP}{(rav)}$ $\frac{OP}{(rav)}$ $\frac{10}{-22}$ $\frac{-37}{8}$ $\frac{-39}{6}$	

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Well No. OPCA-MW-ZR

Site/GMA Name

Sampling Personnel

Weather

K. Cornnell Date

WELL INFORMATION - See Page 1

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	Time	Pump Rate (L/min.)	Total Gallon s Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
6	1645	005	2.26	25,34	13,05	7.07	1.314	13	0,82	-55,0
Ŋ	1650	1 games,	=2.53	25.46	12 40	7:03	1.315	13	0.75	-=5
	1855		2.9 0	25.61	12 81	7.04	1.333	15	0.61	-55,0 - 46 .2
/	1658	200	2.96	25.70	12.60	7.06	1.339	16	0.56	-47.4
/	1301	·	3-12	25.81	12.80	7.06	1.346	29	0.51	-51.1
/	1304		3.28	25.91	12.77	7.06	1.358	33	0.50	-51.9
	11707	200	3-43	25.95	12.78	7.07	1.367	29	0.52 .	56.44
	1810	~	3-59	26.00	12,68	7.04	1.376	41	0.44	-57.0
	1813	-	3.75	26.08	12.60	7.02	1.383	55	0.41	-66.1
¥.	1716	100	3-83	26.21	12.53	7.02	1.390	71	0.37	-68.4
7	1729		4.12	26.31	12.51	6.84	1.429	39	0.64	-67.4
ĩ	1332		4.20	26.30	12.46	6.83	1428	20	0.55	-68.2
	1735		4.28	26,25	12.46	6.84	1.426	14	0.60	-67.3
	1\$34		4.36	26,27	1236	6.83	1.424	14'	0.55	-66.6
	17-1		4.44	36.24	12.30	6,84	1,421	Ite	0,55	-63.0
	10 CILI		4-52	26.22	12,25	6,83	1,423	14	0,51	-6517
	13-47		4.60	26.21	12.21	6.83	1,422	9	0.51	-65.3
	17 50		4.67	20,20	12.18	6.82	1.421	8	0,55	-64.8
	1553		4.75	3619	12.18	6.52	1,431	9	0152	-64.0
C	1355-	المانك 90 مىن تىزىدارىنى دەلىك الجىمىرى) يىسى	an and a start of the start of	La marine	Sam	bled 1	ELCE	-	Managara (Internet Science States) and	· · · ·
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)	1410	200			15.71	7.00	1.431	3	2.76	-34.5

* The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading. OBSERVATIONS/SAMPLING METHOD DEVIATIONS

Fluin thrigh sell suptiend out, then he filled of the flux Rate Change. + SVOCS + Sampled PCBs/PCDPS/PCDPS COPENDED 109001345-VICE PHILING CONTRACT CONTRACT DESCRIPTION DESCRIPTION OF DESCRIPTION AND DE

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Did Weil Go Dry? Y N Did Store (1/1) / Store (1/1)	Did Weil Go Dry? Y N Early Structure (INHS) Pump Type: M_{AV} Sch all k - System: One. Samples collected by same method as evacuation? Y N (specify) Water Quality Meter Type(s)/Sorial Numbers: YST M bis SSG H O 3/M C 22G AC Integration of the second					11 .	Peristallic Pur	πρ() S	ubmensible Pumo		sanify ()		
Samples collected by same method as evacuation? (\mathcal{O} N (specty) Water Cuality Meter Type(s) / Sorial Numbers: VST \mathcal{M} \mathcal{M} SSG \mathcal{H} \mathcal{O} \mathcal{M} \mathcal{O} 220 \mathcal{A} C. Image: Pump Total Water Temp. pH Sp. Cond. Turbidity DO ORP Time Rate Gallone Level (Celesive) (Image: Celesive) pH Sp. Cond. Turbidity DO ORP Time Rate Gallone Level (Celesive) (Image: Celesive) (Image: Celesive) (Image: Celesive) (Image: Celesive) (Image: Celesive) OD ORP Time Rate Gallone Level (Celesive) (Image: Celesive) (Image: Celesive) (Image: Celesive) OD ORP 14/13 JS Time Type(s) / Sorial Numbers: VST \mathcal{M} (Image: Celesive) OD OR 14/13 Total Water Type(s) / Sorial Numbers: VST \mathcal{M} (Image: Celesive) OD OR 14/13 JS T 14/13 JS T 14/13/1 </th <th>Samples collected by same method as evacuation? (*) N (specify) Water Cluality Meter Type(s) / Senial Numbers: VST PUBS 556 # 03900 220 AC I HARCH 2100 P (CSW-CO Time Pump Total Water Temp. PH SSG 010 220 AC Time Pump Total Water Temp. PH SSG Cond. Turbidity DO ORP Time Removed (RTIC) 3%1° (Intribute Type(s) / Scale AC Imme Pump Total Water Temp. PH SG Cond. Turbidity DO ORP Imme Removed (RTIC) 3%1° Turbidity DO ORP I I I I I I I I I I I I I I I I I I I</th> <th></th> <th>LANCE LACE LACE AND</th> <th>34 Y U.S. 1</th> <th></th> <th>Gullons</th> <th>Determine Transact</th> <th>AA - 1</th> <th>11</th> <th>~ ~</th> <th></th>	Samples collected by same method as evacuation? (*) N (specify) Water Cluality Meter Type(s) / Senial Numbers: VST PUBS 556 # 03900 220 AC I HARCH 2100 P (CSW-CO Time Pump Total Water Temp. PH SSG 010 220 AC Time Pump Total Water Temp. PH SSG Cond. Turbidity DO ORP Time Removed (RTIC) 3%1° (Intribute Type(s) / Scale AC Imme Pump Total Water Temp. PH SG Cond. Turbidity DO ORP Imme Removed (RTIC) 3%1° Turbidity DO ORP I I I I I I I I I I I I I I I I I I I		LANCE LACE LACE AND	34 Y U.S. 1		Gullons	Determine Transact	AA - 1	11	~ ~			
Pump Total Water Temp. pH Sp. Cond. Turbidity DO ORP Rate Gallone Level (Celeius) pH Sp. Cond. Turbidity DO ORP (Umin.) Removed (RTIC) (3%)* (0.1 units)* (3%)* (10% or 1 NTUP (10% or 0.1 mg/t) (mV) 14'3c 125 G25 20.75 - - 7.9 - - - 7.9 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -	$\begin{array}{c c c c c c c c c c c c c c c c c c c $)**	rump (ype:	Marsch	alic - Syste	sm. One			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $				-		Samples colle	cted by same m	ethod as evacuation	m? (Y) N (spec	sfy)		
Time Rate Gene Level Temp. pH Sp. Cond. Turbidity DO ORP 14'3c 125 125 Till (MAL 20.75 - - 7 7 7 7 7 10% or 0.1 mg/ft 10 mv/ 14'3c 125 025 30 & 3 - - 7 7 - - 7 7 - - - 10% or 0.1 mg/ft 10 mv/ 10 mv/ 14'3b 125 025 30 & 3 - - 7 7 - - - 7 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -	Time Rate (Lmin.) Gallone Removed (Lmin.) Level Removed (R TIC) Temp. (3%)* pH Sp. Cond. (mS/cm) Turbidity (NTU) DO ORP $14'3c$ 125 TW(NM) Removed (R TIC) (3%)* (0.1 units)* (3%)* (10% or 0.1 mg/ft) (10 my/ft) (10 my/ft) </th <th>D</th> <th>id Well Go Dry?</th> <th>YW</th> <th></th> <th></th> <th>Samples colle</th> <th>cted by same m</th> <th>ethod as evacuatio</th> <th>n'? (Y) N (spec</th> <th>:fy)</th>	D	id Well Go Dry?	YW			Samples colle	cted by same m	ethod as evacuatio	n'? (Y) N (spec	:fy)		
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$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	14.45 1 18.75 $\partial 1.05$ 10.93 $G.57$ 0.645 19 3.81 114.6 14.50 75 2250 $\partial 1.12$ 11.08 6.54 0.650 12 0.841 114.6 14.55 75 245 21.20 11.23 6.54 0.650 12 0.841 115.9 14.55 75 245 21.20 11.23 6.52 0.646 8 0.65 $1/4.41$ 14.58 75 360 $\partial 1.21$ 11.39 6.52 0.639 6 0.651 11.44 15.01 15 3375 $\partial 1.24$ 11.48 6.54 0.632 5 0.552 109.2 he stabilization ordering for each field parameter (three consecutive readings collected at 3- to 5-mirotie intervale) is listed in each ordering heading 109.2 109.2	Thme 14:35 14:35	id Weil Go Dry? Water Quality I Pump Rate (Limin.)	Y N Metor Type(s)/s Total Gailone Removed TRINM G25	Sorial Numbers: Water Lavel (ft TIC) 20.75	<u> </u>	Samples code <u>M P S S S</u> <u>2 (00 P</u> pH <u>[0.1 units]</u>	5 (a) H- (- 1 (C) 5 0	ethod as evacuatic 3/4/0 23 0-00 Turbidity (NTU) [10% or 1 NTUP 3 9	DO (mg/l) [10% or 0.1 mg/l*	ORP (mV) [10 mV]		
14:50 75 2250 21.12 11.08 6.54 0.650 12 0.84 114.6 14:55 75 26.5 1.20 11.23 6.54 0.650 12 0.84 115.9 14:55 75 26.5 1.20 11.23 6.52 0.650 12 0.65 1/4.4 14:58 75 36.60 31.21 11.39 6.52 0.639 6 0.65 1/4.4 15:01 15 3375 31.24 11.48 6.54 0.639 6 0.61 111.4	14:50 75 2250 21.12 11.08 6.54 0.650 12 0.84 114.6 14:55 75 24.5 1.20 11.23 6.54 0.650 12 0.84 115.9 14:55 75 24.5 1.20 11.23 6.52 0.646 8 0.65 1/4.4 14:58 75 36.60 21.21 11.39 6.52 0.639 6 0.61 111.4 15:01 15 3375 31.26 11.48 6.54 0.632 5 0.52 109.2 he stabilization orderia for each field parameter (three consecutive readings collected at 3- to 5-minute intervale) is listed in each online heading	Thme 14:35 14:35	id Weil Go Dry? Water Quality I Pump Rate (L/min.) [2 5 [2 5	Y N Notor Type(s) / s Total Gallons Removed TB(NAL () 25 1250	Sorial Numbers: Lavel (ft TIC) 20.75 30 83	<u> </u>	Samples code <u>M P S S S</u> <u>2 (00 P</u> pH <u>[0.1 units]</u>	Ctod by same m 5 (a ++- (ethod as evacuatic) 3/4 () 23 U-CU Turbidity (NTU) [10% or 1 NTUP 3 9 4/4/	DO (mg/l) [10% or 0.1 mg/l*	ORP (mV) [10 mV]		
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$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	14:53 75 $3(45)$ 21.20 11.23 6.52 0.646 8 0.65 $1/4.41$ 14:53 75 $3(45)$ 21.21 11.39 6.52 0.636 6 0.65 $1/4.41$ 14:53 75 $3(45)$ 21.21 11.39 6.52 0.636 6 0.651 111.41 15:01 15 3375 31.24 11.48 6.54 0.632 5 0.552 109.2 the stabilization orderia for each field parameter (three consecutive readings collected at 3- to 5-minute intervale) is listed in each ordering	Time 14:35 14:35 14:35 14:45	id Weil Go Dry? Water Quality ! Pump Rate (Umin.) [25] [25] [25] [1]	Y (N) detor Type(s)/s Total Gailons Removed TU(NAL () 25 1270 1875	Sorial Numbers: Lavel (ft TIC) 20.75 30 83 20.98 20.98	<u>YST</u> <u>1-1/4 C F</u> Temp. (Cetaius) [3%]* 	Samples code 64 Ø S S S - 2 (00 P pH i0.1 units)* 	cted by same m 5 (a ++- (ethod as evacuatic) 3/4 () 23 U-CO Turbidity (NTU) [10% or 1 NTUP 3 9 4/1/) 5 19	DO (mg/l) [10% or 0.1 mg/l]	ORP (mV) [10 mV]		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	14:58 75 3() 11.39 (Time 14:36 14:37 14:37 14:45 14:45 14:50	id Weil Go Dry? Water Quality I Pump Rate (Umin.) [35] [35] [35] [175] [75]	Y N Netor Type(s)/ 5 Total Gailone Removed IN(NAL GAS 1250 1875 2250	Sorial Numbers: Lavel (ft TIC) 20.75 30 83 20.98 20.98	<u>YST</u> <u>I-1/4C</u> Temp. (Cetaius) [3%]* 	Samples code 64 Ø S S S - 2 (00 P pH i0.1 units)* 	Ctod by same m 5 G H (5 G Cond. (mS/cm) (3%)* 	ethod as evacuatic) 3/4 () 23 U-CO Turbidity (NTU) [10% or 1 NTUP 3 9 4/1/) 5 19	DO (mg/l) [10% or 0.1 mg/l] 3, 8	ORP (mV) [10 mV] 		
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	he stabilization orderia for each field parameter (three consecutive readings collected at 3- to 5-minute intervale) is listed in each column bending	Thme 14:36 14:35 14:45 14:45 14:50 14:55	the Well Go Dry? Water Quality P Pump Rate (L/min.) 125 125 125 125 125 125 125 75	Y N Meter Type(s)/s Total Gailone Removed TU(NML (035 1250 1875 2250 245	Sorial Numbers: Water Lovel (ft TIC) 20.75 30.95 30.95 31.05 21.12 2.20	<u>YST</u> <u>I-1/4 C I</u> Temp. (Cetaiue) [3%]* - - - - - - - - - - - - - - - - - - -	Samples code PM P S S S - 2100 P pH [0.1 units]* 	ctod by same m 5 6 H (5 6 Cond. (mS/cm) [3%]* 	ethod as evacuatic) 3140 23 0-00 Turbidity (NTU) [10% or 1 NTUP 3 9 4141) 5 19 12 8	$\frac{100}{(mg/l)} \times (spec)$	ORP (mV) [10 mV] - 114.6 [15.9 [14.4]		
	SERVATIONS/Sampt and all the parameter (three consecutive readings collected at 3- to 5-minute intervale) is listed in each column heading.	Time 14:36 14:37 14:45 14:50 14:53 14:53	id Weil Go Dry? Water Quality P Pump Rate (Umin.) 125 125 125 125 175 75	Y (N) Hotor Type(s)/ 5 Total Gailone Removed IP(NAL 675 1270 1875 2250 7415 3600	Sorial Numbers: Water Lavel (ft TIC) 20.75 30 & 3 20.9 & 3 20.9 & 3 20.9 & 3 21.05 21.12 21.20 21.21	<u>VST</u> <u>i-164CF</u> Tomp. (Colsius) [3%]* - - - - - - - - - - - - - - - - - - -	Samples code p() () () () () () () () () () () () () ($\begin{array}{c} \text{ctod by same m} \\ 5 \ & & & & \\ \hline & & & & \\ \hline & & & \\ \hline & & & \\ \hline & & & \\ \hline & & & \\ \hline & & & \\ \hline & & & \\ \hline & & & \\ \hline & & & \\ \hline & & & \\ \hline & & & \\ \hline & & & \\ \hline & & & \\ \hline & & & \\ \hline & & & \\ \hline & & & \\ \hline & & & \\ \hline & & & \\ \hline & & & \\ \hline & & \\ \hline & & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & & \\ \hline & &$	ethod as evacuatic 3 3/4 () 23 5-00 Turbidity (NTU) [10% or 1 NTUP 3 9 4/1/ 9 5 1 9 1 2 8 6	$\frac{100}{(mg/l)} \times (spec)$	ORP (mV) [10 mV] 		
SERVATIONS/SAMPLING METHOD DEVIATIONS AU adar		Time 14:35 14:35 14:35 14:45 14:50 14:53 14:53 15:01 The stabilization	id Weil Go Dry? Water Quality I Pump Rate (Umin.) 125 125 125 125 125 125 15 n orderia for eaco	Y N Meter Type(s)/s Total Gailone Removed TUINAL (035 1270 1875 22570 2457 3600 3375 h field parameter	Sorial Numbers: Water Level (ft TIC) 20.75 30.95 30.95 21.05 21.12 21.20 31.21 31.24 31.24 31.24 31.24 31.24	<u>VST</u> <u>I-1/4CF</u> Temp. (Cetatus) [3%]* - - - - - - - - - - - - - - - - - - -	Samples code <u>M</u> <u>M</u> <u>S</u> <u>S</u> <u>S</u> <u>2(00</u> <u>P</u> <u>pH</u> <u>i0.1 units</u>]* <u>C</u> <u>S</u> <u>7</u> <u>C</u> <u>S</u> <u>7</u> <u>C</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u>	Ctod by same m 5 G H (-1 C 5 0 -5 D, Cond. (Ins/cm) -3%]* 	ethod as evacuatic 3MC 23 3MC 23 3MC 23 3CC Turbidity (NTU) 10% or 1 NTUP 39 41L1 35 19 19 12 8 6 5 a) is listed in each	$\begin{array}{c} \text{DO} \\ \text{DO} \\ \text{(mg/l)} \\ [10\% \text{ or } 0.1 \text{ mg/l}] \\ \hline \\ $	ORP (mV) [10 mV] \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
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, <u>An Na pripe- AL adar</u>	1	Time 14:35 14:35 14:35 14:45 14:50 14:53 14:53 15:01 The stabilization	id Weil Go Dry? Water Quality I Pump Rate (Umin.) 125 125 125 125 125 125 15 n orderia for eaco	Y N Meter Type(s)/s Total Gailone Removed TUINAL (035 1270 1875 22570 2457 3600 3375 h field parameter	Sorial Numbers: Water Level (ft TIC) 20.75 30.95 30.95 21.05 21.12 21.20 31.21 31.24 31.24 31.24 31.24 31.24	<u>VST</u> <u>I-1/4CF</u> Temp. (Cetatue) [3%]* - - - - - - - - - - - - - - - - - - -	Samples code <u>M</u> <u>M</u> <u>S</u> <u>S</u> <u>S</u> <u>2(00</u> <u>P</u> <u>pH</u> <u>i0.1 units</u>]* <u>C</u> <u>S</u> <u>7</u> <u>C</u> <u>S</u> <u>7</u> <u>C</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u>	Ctod by same m 5 G H (-1 C 5 0 -5 D, Cond. (Ins/cm) -3%]* 	ethod as evacuatic 3MC 23 3MC 23 3MC 23 3CC Turbidity (NTU) 10% or 1 NTUP 39 41L1 35 19 19 12 8 6 5 a) is listed in each	$\begin{array}{c} \text{DO} \\ \text{DO} \\ \text{(mg/l)} \\ [10\% \text{ or } 0.1 \text{ mg/l}] \\ \hline \\ $	ORP (mV) [10 mV] 		
- In Na purpe- AL adar	1	Time 14:35 14:35 14:35 14:45 14:50 14:53 14:53 15:01 The stabilization	id Weil Go Dry? Water Quality I Pump Rate (Umin.) 125 125 125 125 125 125 15 n orderia for eaco	Y N Meter Type(s)/s Total Gailone Removed TUINAL (035 1270 1875 22570 2457 3600 3375 h field parameter	Sorial Numbers: Water Level (ft TIC) 20.75 30.95 30.95 21.05 21.12 21.20 31.21 31.24 31.24 31.24 31.24 31.24	<u>VST</u> <u>I-1/4CF</u> Temp. (Cetatue) [3%]* - - - - - - - - - - - - - - - - - - -	Samples code <u>M</u> <u>M</u> <u>S</u> <u>S</u> <u>S</u> <u>2(00</u> <u>P</u> <u>pH</u> <u>i0.1 units</u>]* <u>C</u> <u>S</u> <u>7</u> <u>C</u> <u>S</u> <u>7</u> <u>C</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u>	Ctod by same m 5 G H (-1 C 5 0 -5 D, Cond. (Ins/cm) -3%]* 	ethod as evacuatic 3MC 23 3MC 23 3MC 23 3CC Turbidity (NTU) 10% or 1 NTUP 39 41L1 35 19 19 12 8 6 5 a) is listed in each	$\begin{array}{c} \text{DO} \\ \text{DO} \\ \text{(mg/l)} \\ [10\% \text{ or } 0.1 \text{ mg/l}] \\ \hline \\ $	ORP (mV) [10 mV] 		
PLE DESTINATION		Time 14:36 14:37 14:37 14:45 14:57 14:58 15:01 The stabilization ISERVATIONS	id Weil Go Dry? Water Quality P Pump Rate (Umin.) 125 125 125 125 175 75 75 75 75 75 75 75 75 75 75	Y N Meter Type(s)/s Total Gailone Removed TUINAL (035 1270 1875 22570 2457 3600 3375 h field parameter	Sorial Numbers: Water Level (ft TIC) 20.75 30.95 30.95 21.05 21.12 21.20 31.21 31.24 31.24 31.24 31.24 31.24	<u>VST</u> <u>I-1/4CF</u> Temp. (Cetatue) [3%]* - - - - - - - - - - - - - - - - - - -	Samples code <u>M</u> <u>M</u> <u>S</u> <u>S</u> <u>S</u> <u>2(00</u> <u>P</u> <u>pH</u> <u>i0.1 units</u>]* <u>C</u> <u>S</u> <u>7</u> <u>C</u> <u>S</u> <u>7</u> <u>C</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u>	Ctod by same m 5 G H (-1 C 5 0 -5 D, Cond. (Ins/cm) -3%]* 	ethod as evacuatic 3MC 23 3MC 23 3MC 23 3CC Turbidity (NTU) 10% or 1 NTUP 39 41L1 35 19 19 12 8 6 5 a) is listed in each	$\begin{array}{c} \text{DO} \\ \text{DO} \\ \text{(mg/l)} \\ [10\% \text{ or } 0.1 \text{ mg/l}] \\ \hline \\ $	ORP (mV) [10 mV] 		
i i i i i i i i i i i i i i i i i i i		Time 14:36 14:37 14:37 14:45 14:57 14:58 15:01 The stabilization ISERVATIONS IMPLE DESTIN	id Weil Go Dry? Water Quality P Pump Rate (Umin.) 125 125 125 125 175 75 75 75 75 75 75 75 75 75 75 75 75 7	Y N Meter Type(s)/s Total Gailone Removed TUINAL (035 1270 1875 22570 2457 3600 3375 h field parameter	Sorial Numbers: Water Level (ft TIC) 20.75 30.95 30.95 21.05 21.12 21.20 31.21 31.24 31.24 31.24 31.24 31.24	<u>VST</u> <u>I-1/4CF</u> Temp. (Cetatue) [3%]* - - - - - - - - - - - - - - - - - - -	Samples code <u>M</u> <u>M</u> <u>S</u> <u>S</u> <u>S</u> <u>2(00</u> <u>P</u> <u>pH</u> <u>i0.1 units</u>]* <u>C</u> <u>S</u> <u>7</u> <u>C</u> <u>S</u> <u>7</u> <u>C</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u>	Ctod by same m 5 G H (-1 C 5 0 -5 D, Cond. (Ins/cm) -3%]* 	ethod as evacuatic 3MC 23 3MC 23 3MC 23 3CC Turbidity (NTU) 10% or 1 NTUP 39 41L1 35 19 19 12 8 6 5 a) is listed in each	$\begin{array}{c} \text{DO} \\ \text{DO} \\ \text{(mg/l)} \\ [10\% \text{ or } 0.1 \text{ mg/l}] \\ \hline \\ $	ORP (mV) [10 mV] 		
PLE DESTINATION	Laboratory. <u>561</u>	Time 14.35 14.35 14.35 14.45 14.45 14.45 14.55 14.55 14.55 15.01 he stabilization ISERVATIONS ISERVATIONS	ted Well Go Dry? Water Quality I Pump Rate (Umin.) 125 125 125 125 125 15 15 10 orderia for eac SSAMPLING N SCS	Y N Meter Type(s)/s Total Gailone Removed TUINAL (035 1270 1875 22570 2457 3600 3375 h field parameter	Sorial Numbers: Water Level (ft TIC) 20.75 30.95 30.95 21.05 21.12 21.20 31.21 31.24 31.24 31.24 31.24 31.24	<u>VST</u> <u>I-1/4CF</u> Temp. (Cetatus) [3%]* - - - - - - - - - - - - - - - - - - -	Samples code <u>M</u> <u>M</u> <u>S</u> <u>S</u> <u>S</u> <u>2(00</u> <u>P</u> <u>pH</u> <u>i0.1 units</u>]* <u>C</u> <u>S</u> <u>7</u> <u>C</u> <u>S</u> <u>7</u> <u>C</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>5</u> <u>C</u> <u>5</u>	Ctod by same m 5 G H (-1 C 5 0 -5 D, Cond. (Ins/cm) -3%]* 	ethod as evacuatic 3MC 23 3MC 23 3MC 23 3CC Turbidity (NTU) 10% or 1 NTUP 39 41L1 35 19 19 12 8 6 5 a) is listed in each	$\begin{array}{c} \text{DO} \\ \text{DO} \\ \text{(mg/l)} \\ [10\% \text{ or } 0.1 \text{ mg/l}] \\ \hline \\ $	ORP (mV) [10 mV] 		
MPLE DESTINATION Laboratory: <u>563</u>	Laboratory: <u>563</u>	Time 14.35 14.35 14.45 14.45 14.45 14.55 14.55 14.55 15.01 The stabilization ISERVATIONS MPLE DESTIN Laboratory:	id Weil Go Dry? Water Quality I Pump Rate (Linin.) 125 125 125 125 175 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75	Y N Meter Type(s)/s Total Gailone Removed TUINAL (035 1270 1875 22570 2457 3600 3375 h field parameter	Serial Numbers: Water Level (ft TIC) 20.75 30.95 30.95 21.05 21.12 21.20 31.21 31.24 31.24 31.24 31.24 31.24	<u>VST</u> <u>I-144 C I-</u> Temp. (Cetaiue) [3%]* - - - - - - - - - - - - - - - - - - -	Samples code M p S S S 2(00 p) pH $(0.1 units)^{*}$ G. S 7 G. S 7 G. S 4 G. S 2 G. S 4 Hected at 3- to 5 M p S S 2 M p S S S	cted by same m $5 \ (a \ + - (C \ 5 \ 0 \ - (C \ 5 \ 0 \ - (C \ 5 \ - (C \ - (C \ 5 \ - (C \ - (C \ 5 \ - (C \ - ($	ethod as evacuatic) $3M$ () 23 5 - CS Turbidity (NTU) [10% or 1 NTUP 3 - 4 4/L/ 3 - 5 1 - 3 1 -	(10% or 0.1 mg/l) (10%	ORP (mV) [10 mV] 		
MPLE DESTINATION Laboratory: 563	Laboratory: <u>563</u>	Time 14.35 14.35 14.45 14.45 14.45 14.55 14.55 14.55 15.01 The stabilization ISERVATIONS MPLE DESTIN Laboratory:	id Weil Go Dry? Water Quality I Pump Rate (Linin.) 125 125 125 125 175 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75	Y N Meter Type(s)/s Total Gailone Removed TUINAL (035 1270 1875 22570 2457 3600 3375 h field parameter	Serial Numbers: Water Level (ft TIC) 20.75 30.95 30.95 21.05 21.12 21.20 31.21 31.24 31.24 31.24 31.24 31.24	<u>VST</u> <u>I-144 C I-</u> Temp. (Cetaiue) [3%]* - - - - - - - - - - - - - - - - - - -	Samples code M p S S S 2(00 p) pH $(0.1 units)^{*}$ G. S 7 G. S 7 G. S 4 G. S 2 G. S 4 Hected at 3- to 5 M p S S 2 M p S S S	cted by same m $5 \ (a \ + - (C \ 5 \ 0 \ - (C \ 5 \ 0 \ - (C \ 5 \ - (C \ - (C \ 5 \ - (C \ - (C \ 5 \ - (C \ - ($	ethod as evacuatic) $3M$ () 23 5 - CS Turbidity (NTU) [10% or 1 NTUP 3 - 4 4/L/ 3 - 5 1 - 3 1 -	(10% or 0.1 mg/l) (10%	ORP (mV) [10 mV] 		
MPLE DESTINATION Laboratory: <u>563</u>	Laboratory: <u>565</u> iversed Via: <u>UP-5</u> Airbit #:Field Sampling Coordinator:	Time 14'36 14'36 14'36 14'36 14'50 14'55 14'55 14'55 14'55 15'01 The stabilization SERVATIONS MPLE DESTIN Laboratory: Airbit #:	ted Well Go Dry? Water Quality I Pump Rate (Umin.) 125 125 125 175 75 75 75 75 75 75 75	Y N Meter Type(s)/s Total Gailone Removed TUINAL (035 1270 1875 22570 2457 3600 3375 h field parameter	Serial Numbers: Water Level (ft TIC) 20.75 30.95 30.95 21.05 21.12 21.20 31.21 31.24 31.24 31.24 31.24 31.24	<u>VST</u> <u>I-144 C I-</u> Temp. (Cetaiue) [3%]* - - - - - - - - - - - - - - - - - - -	Samples code M p S S S 2(00 p) pH $(0.1 units)^{*}$ G. S 7 G. S 7 G. S 4 G. S 2 G. S 4 Hected at 3- to 5 M p S S 2 M p S S S	cted by same m $5 \ (a \ + - (C \ 5 \ 0 \ - (C \ 5 \ 0 \ - (C \ 5 \ - (C \ - (C \ 5 \ - (C \ - (C \ 5 \ - (C \ - ($	ethod as evacuatic) $3M$ () 23 5 - CS Turbidity (NTU) [10% or 1 NTUP 3 - 4 4/L/ 3 - 5 1 - 3 1 -	(10% or 0.1 mg/l) (10%	ORP (mV) [10 mV] 		

OPCA-MW-3

_ OPCA Site/GMA Name Sampling Personnel

Date 10/22/03 Weather Archist Law

EMC 1017

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WELL INFORMATION - See Page 1

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/]*	ORP (mV)
15:04	75-	3750	21.29	11.58	6.5-1	0.625	<u>L</u>	0.55	(10 mV)* 106.6
15:07	75	41125	21.32	11.57	6.53	0,622	4	0.51	105.0
	SAMPLE								1.00 0.1-
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The state 11									
DBSERVATION	on criteria for eac IS/SAMPLING M	h field paramete	r (three consect TIONS	utive readings c	ollected at 3- to	5-minute interva	ils) is listed in each	column heading,	
				1 14.	- perfe	<u>- ^ ^ C</u>	12°C+?		
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	escebace (ppn	n)	********		Weath	er <u>Sun</u>	1-1- 58		
WELL INFOR	NATION							·	
	ce Point Marked	17 (Y) N					Sample Tin		2
Height o	f Reference Poi	m (-7"	Moas. Fr	om <u>GROU</u>	NO	·	Sample		-mis-4
	Well Diamet	n 24					Ouplicate I	D NA	inclusion of
Scre	en Interval Dept	n 12-22	Meas. Fr	om tic			Split Sample		-my Gren r
W	later Table Depl		Meas. Fr	m TIC			opic outline (
Longth	Weil Dept		-25. Mens. Fre	m <u>TIC</u>	****	Required	Analytic	al Parameters:	Collected
	of Water Colum of Water in We		ullons			(\neq)	Voc	Cs (Skci. iist)	(×)
	of Pump/Tubin	19.0		- +10		()	ý voc	a (Exp. list)	()
			ANORAN , F'10	$m \underline{T(\zeta)}$		()、)		SVOCs	(×)
Reference Poi	nt Identification:					ee (aanafikaan)aan		Bs (Total)-	
	ner (PVC) Casir					(\times)		(Dissolved) organics (Total)	$\langle \times \rangle$
	uter (Protective) Casing				(<)		anics (Dissolved)	
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	* <i>(</i>)					(\mathbf{x})		Ds/PCDFs	(\mathbf{x})
	~					(`)	Pesticid	es/Herbicides	
						()	Natura	Attenuation	()
EVACUATION	INFORMATION							r (Specify)	()
P	ump Start Time	13:40				(火)	546	FIDE	(×)
	ump Stop Time tes of Pumping	15:15		b	Evacuation M	ethod: Bailer	() Bladder	Pump ()	
Volume of W	ater Removed		12 11				ubmersible Pump	() Other/S	
		Y	-Ygallon:		Pump Type:	660	10 m ()		, y y v
Dic	d Well Go Dry?	YN	-Jgn/1001 \$			and the second s	throd as evacuatio		
	d Weil Go Dry?	\mathcal{O}			Samples colle	cted by same m	ethod as evacuatio		
·····	Well Go Dry?	\mathcal{O}			Samples colle	cted by same m () (30 3 46500 - 63	ethod as evacuatio ら) れモ	in? 🕐 N (spe	cify)
	d Well Go Dry? Water Quality M Pump Rate	eter Type(s) / S	Serial Numbers:	TIACI-	Samples coller	cted by same m	ethod as evacuatio G)_AC Turbidity	n? (spec	cify) ORP
Tkne	d Well Go Dry? Water Quality M Pump	eter Type(s) / 5	Serial Numbers: Water	Temp.	Samples coller	Cted by same m () (_ 3 0 3) () (_ 5 00 - 6.) () (_ 5 00 - 6.) () Sp. Cond.	ethod as evacuatio ら) れモ	n? N (spe-	Cify) ORP (mV)
· · · · · · · · · · · · · · · · · · ·	d Well Go Dry? Water Quality M Pump Rate	eter Type(s) / S Total Gailons	Serial Numbers; Water Level	Tomp. (Celsius)	Samples collect	cted by same m () (_ 3 0 } () (_ 3 0 } (mS/cm)	ethod as evacuatio G)_AE Turbidity (NTU) [10% or 1 NTUP	n? N (sper DO (mg/l) [10% or 0.1 mg/l]	cify) ○RP (mV) * [10 mV]*
Tkne	d Well Go Dry? Water Quality M Pump Rate	eter Type(s) / 5 Total Gallons Removed	Serial Numbers: Water Level (ft TIC) [2,9(6	[-]AC[- Temp. (Cetsius) [3%]*	Samples collect	cted by same m () (30 } 4(6500 -6.) (sp. Cond. (mS/cm) (3%)*	ethod as evacuatio GLAE Turbidity (NTU) [10% or 1 NTUP 2 8	n? N (sper DO (mg/l) [10% or 0.1 mg/l]	cify) ORP (mV) • [10 mV]*
Thme 3.40 (3.45	d Well Go Dry? Water Quality M Pump Rate (L/min.) 175 E //	oter Type(s) / s Total Gallons Removed Thi Kul 975	Serial Numbers: Water Level (ft TIC) [2,9(6 [3,1]	1-14 C (-) Temp. (Celsius) [3%]* 14,06	Samples collect 554 [4.05] 2100 P pH i0.1 units]* C. 75	Cted by same m () (30 } () (30 } () () (- 6.) () () () (- 6.) () () () (- 6.) () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () (ethod as evacuatio G)_AC Turbidity (NTU) [10% or 1 NTUP 2 \$2 2 \$5	n? (spe- DO (mg/l) [10% or 0.1 mg/l] //, 70	cify) ○RP (mV) * [10 mV]*
Thme 3.40 13.45 13.45 13.50	d Weil Go Dry? Water Quality M Pump Rate (L/min.) 175 201 175	oter Type(s)/s Total Gallone Removed Triffed 915 (750	Serial Numbers: Water Level (ft TIC) [2,9(6) [3,7] [3,28]	- H (4 Temp. (Celeius) [3%]* - 4.06 4.15	Samples collect 554 MJS 7 2100 P P 0 pH j0.1 units]* G. 75 G. 75	Cted by same m () (30 } (6500 -6.) (sp. Cond. (mS/cm) [3%]* 1.17 % 1.17 7	ethod as evacuatio GLAE Turbidity (NTU) [10% or 1 NTUP 2 8	n? N (sper DO (mg/l) [10% or 0.1 mg/l]	cify) ORP (mV) • [10 mV]*
Thme 13:40 13:45 13:45 13:55	d Well Go Dry? Water Quality M Pump Rate (L/min.) 175 E //	eter Type(s)/s Total Gallons Removed Inikid 915 (150 2 G25	Serial Numbers: Level (ft TIC) [2,9(6) [3,7] [3,28] [3,38]	-/#С[- Тотр. (Colaiua) [3%]* - [4.06 [4.15] [4.12]	Samples collect 554 [4.05] 2100 P pH i0.1 units]* C. 75	Cted by same m () (30 } () (30 } () () (- 6.) () () () (- 6.) () () () (- 6.) () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () (ethod as evacuatio G)_AC Turbidity (NTU) [10% or 1 NTUP 2 \$2 2 \$5	DO (mg/l) [10% or 0.1 mg/l] //, 70 7.99	Cafy) ORP (mV) [10 mV]* - - - 157, 7 - 15°6,9
Thme 3.40 1.3.45 1.3.45 1.3.50	d Weil Go Dry? Water Quality M Pump Rate (L/min.) 175 201 175	oter Type(s)/s Total Gallone Removed Triffed 915 (750	Serial Numbers: Water Level (ft TIC) [2,9(6) [3,7] [3,28]	-/#С[- Тотр. (Colaiua) [3%]* - [4.06 [4.15] [4.12]	Samples collect 556 MJS 7 100 P PH 101 units P G. 75 G. 9 C G. 9 P	cted by same m () (30 3 (6500 -6.) (mS/cm) [3%]* 1.17 8 1.17 7 1.180	ethod as evacuatio GLAE Turbidity (NTU) [10% or 1 NTUP 28 25 19	n? (spec DO (mg/l) [10% or 0.1 mg/l] 	city) ORP (mV) [10 mV]* -157, 7 -156,9 -158,2
Thme [3:40 [3:45] [3:45] [3:55] 3:55]	d Well Go Dry? Water Quality M Pump Rate (L/min.) 1 7 5 E // 1 7 5 //	eter Type(s)/s Total Gallons Removed Inikid 915 (150 2 G25	Serial Numbers: Level (ft TIC) [2,9(6) [3,7] [3,28] [3,38]	-IAC(- Тотр. (Colaiua) [3%]* - 14.06 /4.15 /4.15 /4.12 /4.19	Samples collect 554 M.D.S. 7 2100 P. H i0.1 units P. G. 75 G. 75 G. 9 G. 9	cted by same m () (30 3 46504 -6) (mS/cm) (mS/cm) (mS/cm) 10/78 1.177 1.180 1.173	ethod as evacuatio GLAE Turbidity (NTU) [10% or 1 NTUP 28 25 19 15 7	DO (mg/l) [10% or 0.1 mg/l] - - - - - - - - - - - - - - - - - - -	Cafy) ORP (mV) [10 mV]* -157.7 -156.9 -158.2 -163.2
Thme 13:40 13:45 13:45 13:55 14:05 14:05	d Weil Go Dry? Water Quality M Pump Rate (L/min.) 1 7 5 1 7 5 1 7 5 1 7 5 1 7 1 1	eter Type(s)/s Total Gallone Removed ±n.K.J. 975 (750 2625 3566 4375	Serial Numbers: Water Level (ft TIC) [2, 96 [3, 76 [3, 28 [3, 28 [3, 28 [3, 62 [3, 9]	I-IACIA Temp. (Celsius) [3%]* - I4.06 I4.15 I4.15 I4.12 I4.19 I4.19 I4.19 I4.19	Samples collect 554 MJS 7 2100 P PH i0.1 units P G. 75 G. 9 G. 9 G. 9 G. 9 G. 9 G. 9 G. 9 G. 9 Samples collect PH	cted by same m () (30 3 () (30 4 () (30 4 () (30 4 () (30 4 () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () (ethod as evacuatio G_AC Turbidity (NTU) [10% or 1 NTUP 2 % 2 5 1 9 1 5 7 4	n? (n) N (spectrum) (mg/l) [10% or 0.1 mg/l] (10% or 0.1 mg/l] (1, 70) 7.99 G.G4 G.9G (G.95)	city) ORP (mV) [10 mV]* -157.7 -156.9 -158.2 -163.2 -163.4
Thme 13:40 13:45 12:50 3:55 14:00 14:05 14:05 14:10	d Weil Go Dry? Water Quality M Pump Rate (L/min.) 175 E: // 175 	oter Type(s)/s Total Gallons Removed $\pm \Lambda (K d)$ g15 (150) 2 G25 3500 4 375 5 250	Serial Numbers: Water Level (ft TIC) [2,9(6) [3,1] [3,28 [3,28 [3,28 [3,28 [3,28 [3,28 [3,28] [3,28 [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,28] [3,2	I-IACIA Temp. (Celsius) [3%]* — I4.06 I4.15 I4.15 I4.12 I4.12 I4.12 I4.12 I4.12	Samples collect 554 MJS 7 2100 P P pH j0.1 units[* G. 75 G. 9 G.	cted by same m () (30 3 46500 -6) (mS/cm) [3%]* - 1.178 1.177 1.180 1.173	ethod as evacuatio GLAE Turbidity (NTU) [10% or 1 NTUP 28 25 19 15 7	DO (mg/l) [10% or 0.1 mg/l] - - - - - - - - - - - - - - - - - - -	Cafy) ORP (mV) [10 mV]* -157.7 -156.9 -158.2 -163.2
Thme 13:40 13:45 13:50 13:55 14:00 14:05 14:05 14:10 14:11	d Weil Go Dry? Water Quality M Pump Rate (L/min.) 1 7 5 2 7 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	eter Type(s)/s Total Gallone Removed ±n.k.d. 975 (750 2625 3566 4375 5250 6125	Serial Numbers: Water Level (ft TIC) 12.9(6 13.71 13.28 13.28 13.28 13.62 13.91 14.21 14.97	I-IACIA Temp. (Celsius) [3%]* - I4.06 I4.15 I4.15 I4.17 I4.19 I4.22 I4.22 I4.19	Samples collect 554 MJS 7 2100 P P 0 pH j0.1 units P G. 75 G. 9 G. 9 G	cted by same m () (30 } () (30 -6.) () (500 -6.) () (500 -6.) () (500 -6.) () () () (-6.) () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () (ethod as evacuatio $G_{L}AE$ Turbidity (NTU) [10% or 1 NTUP 28 25 19 15 7 4 3 2	n? \bigcirc N (spectrum) \bigcirc N (spectrum) (mg/l) [10% or 0.1 mg/l] \bigcirc $11, 70$ 7.99 $\bigcirc .64$ $\bigcirc .64$ $\bigcirc .90$ $\bigcirc .90$	Cafy) CORP (mV) [10 mV]* -157, 7 -156,9 -158,2 -163,2 -163,7 -165,7 -165,7
Time 3:40 13:45 13:50 3:55 14:05 14:05 14:05 14:05 14:10 14:11 he stabilization	d Weil Go Dry? Water Quality M Pump Rate (L/min.) 1 7 5 2 2 1 7 5 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7	eter Type(s)/s Total Gallone Removed $\pm n_1 \notin M$ 975 (750) 2GF 3560 4375 5250 G(25) Hold parameter	Serial Numbers: Water Level (ft TiC) [2.4(6) [3.7]([3.7]([3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.2	I-IACIA Temp. (Celsius) [3%]* - I4.06 I4.15 I4.15 I4.17 I4.19 I4.22 I4.22 I4.19	Samples collect 554 MJS 7 2100 P P 0 pH j0.1 units P G. 75 G. 9 G. 9 G	cted by same m () (30 } () (30 -6.) () (500 -6.) () (500 -6.) () (500 -6.) () () () (-6.) () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () () (ethod as evacuatio $G_{L}AE$ Turbidity (NTU) [10% or 1 NTUP 28 25 19 15 7 4 3 2	n? \bigcirc N (spectrum) \bigcirc N (spectrum) (mg/l) [10% or 0.1 mg/l] \bigcirc $11, 70$ 7.99 $\bigcirc .64$ $\bigcirc .64$ $\bigcirc .90$ $\bigcirc .90$	city) ORP (mV) [10 mV]* -157.7 -156.9 -158.2 -163.2 -163.4
Time 3:40 13:45 13:50 3:55 14:05 14:05 14:05 14:05 14:10 14:11 he stabilization	d Weil Go Dry? Water Quality M Pump Rate (L/min.) 1 7 5 2 7 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	eter Type(s)/s Total Gallone Removed $\pm n_1 \notin M$ 975 (750) 2GF 3560 4375 5250 G(25) Hold parameter	Serial Numbers: Water Level (ft TiC) [2.4(6) [3.7]([3.7]([3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.2	1-14 (14 Temp. (Celeius) [3%]* - 14,06 14.15 14.17 14.19 14.22 14.22 14.22 14.19 14.19 14.19	Samples collected ag 3- to 6	Cted by same m () (30 3 () (500 - 6.) () () () (-6.) () () () (-6.) () () () (-6.) () () () () (-6.) () () () () () () () () () () () () () (ethod as evacuatio G_AC Turbidity (NTU) [10% or 1 NTUP 2 % 2 5 1 9 1 5 7 4 3 8) is listed in each of the sector of t	n? N (spectrum) DO (mg/l) [10% or 0.1 mg/l] 10% or 0.1 mg/l 11, 70 7.99 G.G4 G.95 1.64 1.56 column heading.	Cafy) CORP (mV) [10 mV]* -157, 7 -156,9 -158,2 -163,2 -163,7 -165,7 -165,7
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Time 3:40 13:45 13:50 3:55 14:05 14:05 14:05 14:05 14:10 14:11 he stabilization	d Weil Go Dry? Water Quality M Pump Rate (L/min.) 1 7 5 2 2 1 7 5 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7	eter Type(s)/s Total Gallone Removed $\pm n_1 \notin M$ 975 (750) 2GF 3560 4375 5250 G(25) Hold parameter	Serial Numbers: Water Level (ft TiC) [2.4(6) [3.7]([3.7]([3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.2	1-14 (14 Temp. (Celeius) [3%]* - 14,06 14.15 14.15 14.12 14.19 14.22 14.22 14.22 14.19 14.19	Samples collected ag 3- to 6	Cted by same m () (30 3 () (500 - 6.) () () () (-6.) () () () (-6.) () () () (-6.) () () () () (-6.) () () () () () () () () () () () () () () () () () () () () () () (ethod as evacuatio G_AC Turbidity (NTU) [10% or 1 NTUP 2 % 2 5 1 9 1 5 7 4 3 8) is listed in each of the sector of t	n? N (spectrum) DO (mg/l) [10% or 0.1 mg/l] 10% or 0.1 mg/l 11, 70 7.99 G.G4 G.95 1.64 1.56 column heading.	Cafy) CORP (mV) [10 mV]* -157, 7 -156,9 -158,2 -163,2 -163,7 -165,7 -165,7
Time 3:40 13:45 13:50 3:55 14:05 14:05 14:05 14:05 14:10 14:11 he stabilization	d Weil Go Dry? Water Quality M Pump Rate (L/min.) 1 7 5 2 2 1 7 5 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7	eter Type(s)/s Total Gallone Removed $\pm n_1 \notin M$ 975 (750) 2GF 3560 4375 5250 G(25) Hold parameter	Serial Numbers: Water Level (ft TiC) [2.4(6) [3.7]([3.7]([3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.2	1-14 (14 Temp. (Celeius) [3%]* - 14,06 14.15 14.15 14.12 14.19 14.22 14.22 14.22 14.19 14.19	Samples collected ag 3- to 6	Cted by same m () (30 3 () (500 - 6.) () () () (-6.) () () () (-6.) () () () (-6.) () () () () (-6.) () () () () () () () () () () () () () () () () () () () () () () (ethod as evacuatio G_AC Turbidity (NTU) [10% or 1 NTUP 2 % 2 5 1 9 1 5 7 4 3 8) is listed in each of the sector of t	n? N (spectrum) DO (mg/l) [10% or 0.1 mg/l] 10% or 0.1 mg/l 11, 70 7.99 G.G4 G.95 1.64 1.56 column heading.	Cafy) CORP (mV) [10 mV]* -157, 7 -156,9 -158,2 -163,2 -163,7 -165,7 -165,7
Time [3:40 [3:40] [3:50] 3:55 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05 [4:05] [4:05 [4:05] [4:05 [4:05] [4:05 [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4:05] [4	d Weil Go Dry? Water Quality M Pump Rate (L/min.) 1 7 5 E // (/ / / / / / / / / / / / / / / /	eter Type(s)/s Total Gallone Removed $\pm n_1 \notin M$ 975 (750) 2GF 3560 4375 5250 G(25) Hold parameter	Serial Numbers: Water Level (ft TiC) [2.4(6) [3.7]([3.7]([3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.2	1-14 (14 Temp. (Celeius) [3%]* - 14,06 14.15 14.15 14.12 14.19 14.22 14.22 14.22 14.19 14.19	Samples collected ag 3- to 6	Cted by same m () (30 3 () (500 - 6.) () () () (-6.) () () () (-6.) () () () (-6.) () () () () (-6.) () () () () () () () () () () () () () () () () () () () () () () (ethod as evacuatio G_AC Turbidity (NTU) [10% or 1 NTUP 2 % 2 5 1 9 1 5 7 4 3 8) is listed in each of the sector of t	n? N (spectrum) DO (mg/l) [10% or 0.1 mg/l] 10% or 0.1 mg/l 11, 70 7.99 G.G4 G.95 1.64 1.56 column heading.	Cafy) CORP (mV) [10 mV]* -157, 7 -156,9 -158,2 -163,2 -163,7 -165,7 -165,7
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Time 3 40 3 40 3 50 3 55 14 0 14 0 14 0 14 0 14 0 14 0 14 0 MPLE DESTIN Laboratory.	d Weil Go Dry? Water Quality M Pump Rate (Limin.) 1 7 5 2 7 1	eter Type(s)/s Total Gallone Removed $\pm n_1 \notin M$ 975 (750) 2GF 3560 4375 5250 G(25) Hold parameter	Serial Numbers: Water Level (ft TiC) [2.4(6) [3.7]([3.7]([3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.2	1-14 (14 Temp. (Celeius) [3%]* - 14,06 14.15 14.15 14.12 14.19 14.22 14.22 14.22 14.19 14.19	Samples collected ag 3- to 6	Cted by same m () (30 3 () (500 - 6.) () () () (-6.) () () () (-6.) () () () (-6.) () () () () (-6.) () () () () () () () () () () () () () () () () () () () () () () (ethod as evacuatio G_AC Turbidity (NTU) [10% or 1 NTUP 2 % 2 5 1 9 1 5 7 4 3 8) is listed in each of the sector of t	n? N (spectrum) DO (mg/l) [10% or 0.1 mg/l] 10% or 0.1 mg/l 11, 70 7.99 G.G4 G.95 1.64 1.56 column heading.	Cafy) CORP (mV) [10 mV]* -157, 7 -156,9 -158,2 -163,2 -163,7 -165,7 -165,7
Time 3 40 3 40 3 50 3 55 14 0 14 0	d Weil Go Dry? Water Quality M Pump Rate (Limin.) 1 7 5 2 7 1	eter Type(s)/s Total Gallone Removed $\pm n_1 \notin M$ 975 (750) 2GF 3560 4375 5250 G(25) Hold parameter	Serial Numbers: Water Level (ft TiC) [2.4(6) [3.7]([3.7]([3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.28] [3.2	I-IACIA Temp. (Celeius) [3%]* - I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.06 I-U.07 I-U.06 I-U.06 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.07 I-U.0	Samples collections Signature (1995) 100 P (1995) 100 P (1995) (0.1 units) (0.1 units) (0.	cted by same m $\frac{1}{(1 \le 30 \le 30)}$ $\frac{1}{(6500 - 6.5)}$ $\frac{1}{(5500 - 6.5)}$ $\frac{1}{(5500 - 6.5)}$ $\frac{1}{(5500 - 6.5)}$ $\frac{1}{(5500 - 6.5)}$ $\frac{1}{(1570 - 6.5)}$ 1	ethod as evacuatio G_AC Turbidity (NTU) [10% or 1 NTUP 2 % 2 5 1 9 1 5 7 4 3 8) is listed in each of the sector of t	n? N (spectrum) DO (mg/l) [10% or 0.1 mg/l] 10% or 0.1 mg/l 11, 70 7.99 G.G4 G.95 1.64 1.56 column heading.	Cafy) CORP (mV) [10 mV]* -157, 7 -156,9 -158,2 -163,2 -163,7 -165,7 -165,7
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OPCA-MW-4 Well No.

Site/GMA Name Sampling Personnel Date Weather

GMAY water Em(1)4 10/20/08 Sunny - 60

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WELL INFORMATION - See Page 1

Time	Pump Rate (∐min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) (3%)*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
14.20	175	000	14.61	14.14	6,99	1.156	3	1.28	-1688
14.2	5 (1	7875	14.72	14.12	6.94	1.155	3	1.23	-164,
143) 4	8750	17.80	141.10	6.94	1.151	3	1.16	-171.5
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PTDB	No. Lackground (pj	pm)		Se	mpling Person:		Emc/DA-			
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Height	of Reference P		Meas. Fn	om _ G-RUUM	02		Duplicate		WOR	
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Intake Dept	th of Pump/Tubi	ing 185	1 Moss. Fro	m_ <u></u> ()	<i>a</i>	(x)	VOL	Cs (Exp. list) SVOCs	()	
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	oint Identification nner (PVC) Cas					(\mathbf{X})		s (Dissolved)	() (入)	
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D Time	Water Quality Pump Rate	Meter Type(s) / s	Serial Numbers: Water Level	HACH Temp. (Celsius)	Samples colle 56 MAS ALCOP 47(cted by same m 体 03M っちの - 00	ethod as evacuation		ORP	
Time	Water Quality Pump Rate (L/min.)	Meter Type(s) / 5 Total Gailone Removed	Serial Numbers: Water Level (ft TiC)	HACH TOMP.	Samples colle 56 MAS ALCOP 47(cted by same m # 03 M 5 C0 - 00 Sp. Cond.	C 2 30 A C	D0 (mg/l)	ORP (mV)	
Time 10110	Water Quality Pump Rate (L/min.)	Motor Type(s) / 5 Total Gailone Removed I.M.1 TIAL	Serial Numbers: Water Level (ft TiC) 17.59	HACH Temp. (Celsius) [3%]*	Samples colle 56 M/S MODP C/(pH	cted by same m (#: 03 M) 5 5 00 - 00 Sp. Cond. (mS/cm)	C 2 30 A C Turbidity (NTU)	D0 (mg/l)	ORP (mV)	
Time 10:10 10:15	Water Quality Pump Rate (L/min.)	Motor Type(s) / S Total Gailone Removed TN171AL (j) 7-5	Serial Numbers: Water Level (ft TiC)	HACH Temp. (Celsius) [3%]*	Samples colle 56 M/S MODP C/(pH	cted by same m (#: 0.3 M) 5 CO - 0.0 Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTUP	D0 (mg/l)	ORP (mV) [10 mV]*	
Time 10110	Water Quality Pump Rate (L/min.)	Motor Type(s) / 5 Total Gailone Removed I.M.1 TIAL	Serial Numbers: Water Level (ft TiC) 17.59	HACH Temp. (Celsius) [3%]*	Samples colle 5 (c M/6 31000 (c/(pH i0.1 units)	cted by same m (************************************	Turbidity (NTU) [10% or 1 NTUP 2.3	DO (mg/l) [10% or 0.1 mg	ORP (mV) /]* [10 mV]* 	
Time 10:10 10:15	Water Quality Pump Rate (L/min.) [2-5]	Motor Type(s) / S Total Gailone Removed TN171AL (j) 7-5	Serial Numbers: Water Level (ft TIC) 13.13	HACH Tomp. (Cotaius) [3%]*	Samples colle 56 M/S 31000 °/(pH i0.1 units)* C4 3 G5 [cted by same m (+ 03 M 5 CO - 00 	C 30 A C Turbidity (NTU) (NTU) (NTU) [10% or 1 NTUP C.3 1 7 1 7 14 14	DC (mg/l) [10% or 0.1 mg U .88 U .85	(mv) (mv) (10 mv) - - - - - - - - - - - - - - - - - - -	
Time 10:10 10:15 10:20	Water Quality Pump Rate (L/min.) ¥2-5 1/	Moter Type(s) / 5 Total Gailone Removed TMITIAL (j) 7-5 1 2 570	Serial Numbers: Water Level (ft TIC) 13.13 13.13 13.30 13.46	HACH Temp. (Celsius) [3%] ² [2.5 ⁻ 2 [2.7] [2.7] [2.7]	Samples colle 5 6 M/6 MODD 10 pH i0.1 units - G.43 G.51 G.45	$\begin{array}{c} \text{cted by same m} \\ \text{tr} & O 3 M \\ \text{s} 5 CO - 00 \\ \text{sp. Cond.} \\ \text{(ms/cm)} \\ (ms/cm$	C 2 30 A C Turbidity (NTU) [10% or 1 NTUP 2 3 1 7	DO (mg/l) [10% or 0.1 mg U .88 U .88 U .83 C.96	ORP (mV) /[* [10 mV]* 	
Time 10:10 10:15 10:20 10:25	Water Quality Pump Rate (L/min.) (2-5 // // // //	Motor Type(s) / S Total Gailone Removed IN(TAL) (g 7 S 1 2 570 (g 7 S 2 500	Serial Numbers: Water Level (12.54 (3.13 13.30	HAC4 Tomp. (Cotaius) [3%]* [2.5~2 [2.7] [2.7] [2.7] [2.7] [2.7]	Samples colle 56 MAS 01000 CA 01000 CA 010	cted by same m 4 03M 500 - 00 500 - 00 500 - 00 500 - 00 500 - 00 (mS/cm) $3%1^{*}$ 0.540 0.540 0.520 0.578 0.69Z	C 30 A C Turbidity (NTU) (NTU) (NTU) [10% or 1 NTUP 2.3 1 7 1 7 14 12 12 12 12 12	DC (mg/l) [10% or 0.1 mg U .88 U .83 U .83 C.96 [.28]	$ \begin{array}{c} \text{ORP} \\ \text{(mV)} \\ \text{[10 mV]} \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ -$	
Time 10110 10115 10120 10125 10130 10135	Water Quality Pump Rate (L/min.) (2-5 // // // // // // // // //	Motor Type(s) / S Total Gailons Removed $D_{M1} + 1A_{L}$ (j, 2 + 5) 1 + 2 + 50 (5 + 1) + 50 (5 + 1) + 50 3 + 2 + 50 3 + 2 + 50	Serial Numbers: Water Level (17 TIC) 13.13 13.13 13.13 13.70 13.46 13.62 13.91	HACH Tomp. (Colsius) [3%] ² [2.5 ⁻ 2 [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7]	Samples colle 56 M/S MODD 11 pH i0.1 units - G. 4 G. 4 G. 4 G. 6 51 G. 4 G. 4 G. 6 51 G. 7 51 G. 7 55 G. 7 55 55 55 55 55 55 55 55 55 5	cted by same m 4 03M 500 - 00 500 - 00 500 - 00 500 - 00 500 - 00 (ms/cm) $(3%)^{2}$ 0.540 0.540 0.540 0.520 0.578 0.692 0.7841	C 30 A C Turbidity (NTU) (NTU) (NTU) [10% or 1 NTUP C.3 1 7 1 7 14 14	$\begin{array}{c} D0 \\ (mg/l) \\ [10\% \text{ or } 0.1 mg \\ \hline \\ \hline \\ 0 & .88 \\ \hline 1 & .29 \\ \hline 1 & .52 \end{array}$	$\begin{array}{c} ORP \\ (mV) \\ (mV) \\ \hline \\ - \\ -G. 2 \\ - \\ -3.7 \\ = 11.0 \\ -G.6 \\ -5.1 \end{array}$	
Time 10:10 10:15 10:20 10:25 10:30 10:35 10:40	Water Quality Pump Rate (L/min.) (2.5 // // // // // // //	Moter Type(s) / 5 Total Gailone Removed TN:171AL (0)-5 1250 (575 2500 3125 3750	Serial Numbers: Water Level (17.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.14 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 13.16 14.16 15.16 15.16	HACH Tomp. (Cotaius) [3%]* [2.5-2 [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7]	Samples colle 56 M/G pH i0.1 units G.43 G.45 G.45 G.49 G.65	$\begin{array}{c} \text{cted by same m} \\ \text{tr} & 0.3 \text{ M} \\ \text{s} 500 - 00 \\ \text{sp. Cond.} \\ \text{(mS/cm)} \\ (mS$	C 30 A C Turbidity (NTU) (NTU) (NTU) [10% or 1 NTUP 2.3 1 7 1 7 14 12 12 12 12 12	DC (mg/l) [10% or 0.1 mg U .88 U .83 U .83 C.96 [.28]	$\begin{array}{c} \text{ORP} \\ (mv) \\ (mv) \\ \hline \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ -$	
Time 10:10 10:15 10:20 10:25 10:30 10:35 10:40 10:45	Water Quality Pump Rate (L/min.) (2.5° // // // // // // // // // /	Motor Type(s) / S Total Gailone Removed <u>DNITIAL</u> (j) 25 1250 1500 3125 3750 -13750 -1375	Serial Numbers: Water Level (17.13 13.13 13.13 13.70 13.46 13.46 13.62 13.91 14.66 14.27	HACH Tomp. (Cotaius) [3%] - [2.5-2 [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [Samples colle 56 MAS 01000 MAS 010000 MAS 01000 MAS 01000 MAS 01000 MAS 01000 MAS 01000 MAS	cted by same m t 03M 500 - 00 500 - 00 500 - 00 (mS/cm) $3%1^{*}$ 0.540 0.540 0.578 0.692 0.884 0.884 0.933	Turbidity (NTU) [10% or 1 NTUP 2.3 1 7 12 7	$\begin{array}{c} & & & \\ & & & \\ & & & \\ & & & \\ \hline & & & \\ & & & \\ \hline & & & \\ & & & \\ \hline & & & \\ & & & \\ \hline & & & \\ & & & \\ \hline & & & \\ & & & \\ \hline & & & \\ & & & \\ \hline \\ & & & \\ \hline \\ \hline$	$\begin{array}{c} ORP \\ (mV) \\ (mV) \\ \hline \\ - \\ -G. 2 \\ - \\ -3.7 \\ = 11.0 \\ -G.6 \\ -5.1 \end{array}$	
Time 10:10 10:15 10:20 10:25 10:30 10:35 10:40 10:45 The stabilization	Water Quality Pump Rate (L/min.) (2-5 // // // // // // // // // /	Motor Type(s) / 5 Total Gailone Removed <u>DNIFIAL</u> (j) 25 1 250 1 250 1 250 3 125 3 750 2 500 3 125 3 750 LI3 75 2 500 2 150 2	Serial Numbers: Water Level (ft TIC) 17.54 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 14.06 14.27 15.15 14.27 15.15 14.27 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.15 15.	HACH Tomp. (Colsius) $(3\%)^{-}$ $12.5^{-}2$ 12.71 13.74 13.94 13.24 13.25 utive readings c	Samples colle 56 M/S MODD 11 pH i0.1 unitst - G.43 G.51 G.45 G.45 G.49 G.69 G.74 Olected at 3- to 5	Cted by same in 4 03M 500 - 00 500 - 00 500 - 00 500 - 00 500 - 00 500 - 00 (mS/cm) $(3%)^{*}$ 0.540 0.540 0.540 0.578 0.672 0.6724 0.7841 0.884 0.483 0.483	Important and the evacuation O 2 30 A C Turbidity (NTU) (10% or 1 NTUP 2 30 I 7 I 4 I 2 G S 7 G 8) is listed in each	$\begin{array}{c} & & & \\ & & & \\ & & & \\ \hline \\ \hline$	$\begin{array}{c} \text{ORP} \\ (mV) \\ (mV) \\ \hline \\ - \\ - \\ - \\ - \\ 0.2 \\ - \\ - \\ 0.2 \\ - \\ 0.5 \\ \hline \\ - \\ 0.5 \\ \hline \end{array}$	
Time 10:10 10:15 10:20 10:25 10:30 10:35 10:40 10:45 The stabilization	Water Quality Pump Rate (L/min.) (2-5 // // // // // // // // // /	Motor Type(s) / S Total Gailone Removed $\overline{PN1T1AL}$ ($\frac{1}{2}$) $\overline{5}$ 1 2 5° 1 2 5° 1 2 5° 1 2 5° 3 1 2° 3 1 2° 1 3 1 3° 1 3° 1	Serial Numbers: Water Level (\mathbf{f} TIC) 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 14.66 14.277 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085 15.085	HACH Tomp. (Coleius) [3%] ² - [2.5] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7]	Samples colle 56 MAS MODD 11 pH i0.1 units]* - G.43 G.51 G.45 G.45 G.45 G.49 G.69 G.69 G.774 othertad at 3- to 5 PUTLE-C	cted by same m 4 03M 500 - 00 500 - 00 500 - 00 500 - 00 500 - 00 500 - 00 500 - 00 331^{-} 0.540 0.540 0.540 0.520 0.578 0.6824 0.433 immute interval 0.433	Implementation 023000 Turbidity (NTU) (10% or 1 NTUP 20 17 14 12 13 14 12 13 14 12 13 14 12 13 14 15 16 17 18 19 10 11 12 13 14 15 16 17 18 19 10 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110	DO (mg/l) [10% or 0.1 mg U .88 U .85 U .85 U .85 I .52 I .52 I .81 D.69 column heading. Mail D.172	$\begin{array}{c} \text{ORP} \\ (mv) \\ (mv) \\ \hline \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ -$	
Time 10:10 10:15 10:20 10:25 10:30 10:35 10:40 10:45 The stabilization	Water Quality Pump Rate (L/min.) (2-5 // // // // // // // // // /	Motor Type(s) / S Total Gailone Removed TN(TAL) (0 -S 1250 (575 2500 3(25 3750 -1375 bh field paramete ETHOD DEVIA:	Serial Numbers: Water Level (12.59 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.12 13.12 13.12 13.12 13.21 13.21 13.21 13.91 14.06 14.27 or (three consect TIONS 0 G.207.	HACH Tomp. (Coleius) [3%] ² - [2.5] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7]	Samples colle 56 MAS MODE 110 PH i0.1 unitst G.43 G.51 G.45 G.45 G.49 G.69 G.69 G.74 Othertood at 3- to 5 Puttyle- C Concility.	Cted by same m + 03M 500-00 Sp. Cond. (mS/cm) [3%]* - 0.540 0.540 0.578 0.642 0.7841 0.884 0.933 	Turbidity (NTU) (NTU) (10% or 1 NTUP 20 17 17 14 12 6 8) is listed in each 0 Corr, F	$\begin{array}{c} DO \\ (mg/l) \\ [10\% or 0.1 mg \\ \hline \\ 0 & 88 \\ \hline 0 $	$\begin{array}{c} \text{ORP} \\ (mV) \\ (mV) \\ \hline \\ - \\ - \\ - \\ - \\ 0.2 \\ - \\ - \\ 0.2 \\ - \\ 0.5 \\ \hline \\ - \\ 0.5 \\ \hline \end{array}$	
Time 10:10 10:15 10:20 10:25 10:30 10:35 10:40 10:45 The stabilization	Water Quality Pump Rate (L/min.) (2-5 // // // // // // // // // /	Motor Type(s) / S Total Gailone Removed $\overline{PN1T1AL}$ ($\frac{1}{2}$) $\overline{5}$ 1 2 5° 1 2 5° 1 2 5° 1 2 5° 3 1 2° 3 1 2° 1 3 1 3° 1 3° 1	Serial Numbers: Water Level (17.59 13.13 13.13 13.70 13.46 13.91 14.66 14.66 14.27 or (three consect TIONS 0 G.O.F.	HACH Tomp. (Coleius) [3%] ² - [2.5] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7]	Samples colle 56 MAS MODE 110 PH i0.1 unitst G.43 G.51 G.45 G.45 G.49 G.69 G.69 G.74 Othertood at 3- to 5 Puttyle- C Concility.	Cted by same m + 03M 500-00 Sp. Cond. (mS/cm) [3%]* - 0.540 0.540 0.578 0.642 0.7841 0.884 0.933 	Implementation 023000 Turbidity (NTU) (10% or 1 NTUP 20 17 14 12 13 14 12 13 14 12 13 14 12 13 14 15 16 17 18 19 10 11 12 13 14 15 16 17 18 19 10 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110	$\begin{array}{c} DO \\ (mg/l) \\ [10\% or 0.1 mg \\ \hline \\ 0 & 88 \\ \hline 0 $	$\begin{array}{c} \text{ORP} \\ (mV) \\ (mV) \\ \hline \\ - \\ - \\ - \\ - \\ 0.2 \\ - \\ - \\ 0.2 \\ - \\ 0.5 \\ \hline \\ - \\ 0.5 \\ \hline \end{array}$	
Time 10:10 10:15 10:20 10:25 10:30 10:35 10:40 10:45 The stabilization BSERVATION:	Water Quality	Motor Type(s) / S Total Gailone Removed TN(TAL) (0 -S 1250 (575 2500 3(25 3750 -1375 bh field paramete ETHOD DEVIA:	Serial Numbers: Water Level (12.59 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.12 13.12 13.12 13.12 13.21 13.21 13.21 13.91 14.06 14.27 or (three consect TIONS 0 G.207.	HACH Tomp. (Coleius) [3%] ² - [2.5] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7]	Samples colle 56 MAS MODE 110 PH i0.1 unitst G.43 G.51 G.45 G.45 G.49 G.69 G.69 G.74 Othertood at 3- to 5 Puttyle- C Concility.	Cted by same m + 03M 500-00 Sp. Cond. (mS/cm) [3%]* - 0.540 0.540 0.578 0.642 0.7841 0.884 0.933 	Turbidity (NTU) (NTU) (10% or 1 NTUP 20 17 17 14 12 6 8) is listed in each 0 Corr, F	$\begin{array}{c} DO \\ (mg/l) \\ [10\% or 0.1 mg \\ \hline \\ 0 & 88 \\ \hline 0 $	$\begin{array}{c} \text{ORP} \\ (mV) \\ (mV) \\ \hline \\ - \\ - \\ - \\ - \\ 0.2 \\ - \\ - \\ 0.2 \\ - \\ 0.5 \\ \hline \\ - \\ 0.5 \\ \hline \end{array}$	
Time 10:10 10:20 10:25 10:30 10:35 10:40 10:45 BSERVATIONS MIPLE DESTIN	Water Quality Pump Rate (L/min.) 11 11 11 11 11 11 11 11 11 1	Motor Type(s) / S Total Gailone Removed TN(TAL) (0 -S 1250 (575 2500 3(25 3750 -1375 bh field paramete ETHOD DEVIA:	Serial Numbers: Water Level (12.59 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.12 13.12 13.12 13.12 13.21 13.21 13.21 13.91 14.06 14.27 or (three consect TIONS 0 G.207.	HACH Tomp. (Coleius) [3%] ² - [2.5] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7]	Samples colle 56 MAS MODE 110 PH i0.1 unitst G.43 G.51 G.45 G.45 G.49 G.69 G.69 G.74 Othertood at 3- to 5 Puttyle- C Concility.	Cted by same m + 03M 500-00 Sp. Cond. (mS/cm) [3%]* - 0.540 0.540 0.578 0.642 0.7841 0.884 0.933 	Turbidity (NTU) (NTU) (10% or 1 NTUP 20 17 17 14 12 6 8) is listed in each 0 Corr, F	$\begin{array}{c} DO \\ (mg/l) \\ [10\% or 0.1 mg \\ \hline \\ 0 & 88 \\ \hline 0 $	$\begin{array}{c} \text{ORP} \\ (mV) \\ (mV) \\ \hline \\ - \\ - \\ - \\ - \\ 0.2 \\ - \\ - \\ 0.2 \\ - \\ 0.5 \\ \hline \\ - \\ 0.5 \\ \hline \end{array}$	
Time 10:10 10:20 10:20 10:25 10:30 10:35 10:40 10:45 The stabilization BSERVATION: BSERVATION: MPLE DESTING	Water Quality Pump Rate (L/min.) (2-5 // // // // // // // // // /	Motor Type(s) / S Total Gailone Removed TN(TAL) (0 -S 1250 (575 2500 3(25 3750 -1375 bh field paramete ETHOD DEVIA:	Serial Numbers: Water Level (12.59 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.12 13.12 13.12 13.12 13.21 13.21 13.21 13.91 14.06 14.27 or (three consect TIONS 0 G.207.	HACH Tomp. (Coleius) [3%] ² - [2.5] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7]	Samples colle 56 MAS MODE 110 PH i0.1 unitst 0.43 6.51 6.45 6.45 6.49 6.69 6.69 6.79 000000000000000000000000000000000000	Cted by same m + 03M 500-00 Sp. Cond. (mS/cm) [3%]* - 0.540 0.540 0.578 0.642 0.7841 0.884 0.933 	Turbidity (NTU) (NTU) (10% or 1 NTUP 20 17 17 14 12 6 8) is listed in each 0 Corr, F	$\begin{array}{c} DO \\ (mg/l) \\ [10\% or 0.1 mg \\ \hline \\ 0 & 88 \\ \hline 0 $	$\begin{array}{c} \text{ORP} \\ (mV) \\ (mV) \\ \hline \\ - \\ - \\ - \\ - \\ 0.2 \\ - \\ - \\ 0.2 \\ - \\ 0.5 \\ \hline \\ - \\ 0.5 \\ \hline \end{array}$	
Time 10:10 10:20 10:25 10:30 10:35 10:40 10:45 The stabilization SSERVATIONS MPLE DESTIN	Water Quality Pump Rate (L/min.) 11 11 11 11 11 11 11 11 11 1	Motor Type(s) / S Total Gailone Removed TN(TAL) (0 -S 1250 (575 2500 3(25 3750 -1375 bh field paramete ETHOD DEVIA:	Serial Numbers: Water Level (12.59 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.13 13.12 13.12 13.12 13.12 13.21 13.21 13.21 13.91 14.06 14.27 or (three consect TIONS 0 G.207.	HACH Tomp. (Colsius) [3%] ² - [2.5] 2 [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7] [2.7]	Samples colle 56 MAS MODE 110 PH i0.1 unitst 0.43 6.51 6.45 6.45 6.49 6.69 6.69 6.79 000000000000000000000000000000000000	Cted by same m (The O 3 M (5 CO - 00) Sp. Cond. (mS/cm) [3%]* 0.540 0.540 0.520 0.520 0.578 0.692 0.7841 0.7841 0.7841 0.7843 0.7843 0.433 	Turbidity (NTU) (NTU) (10% or 1 NTUP 20 17 17 14 12 6 8) is listed in each 0 Corr, F	$\begin{array}{c} DO \\ (mg/l) \\ [10\% or 0.1 mg \\ \hline \\ 0 & 88 \\ \hline 0 $	$\begin{array}{c} \text{ORP} \\ (mV) \\ (mV) \\ \hline \\ - \\ - \\ - \\ - \\ 0.2 \\ - \\ - \\ 0.2 \\ - \\ 0.5 \\ \hline \\ - \\ 0.5 \\ \hline \end{array}$	

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Sampling Personnel

GMA4 ENC/DA Site/GMA Name Em Date 10/21 108 PIC-RAIN, 55 0 Weather

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WELL INFORMATION - See Page 1

Time	Pump Rate	Total Gallons	Water Level	Temp. (Celsius)	pH	Sp. Cond. (mS/cm)	Turbidity (NTU)	DO (mg/l)	ORP (mV) [10 mV]*
0	(L/min.)	Removed	(ft TIC)	[3%]*	[0.1 units]*	[3%)*	[10% or 1 NTU]*		
0,0	175	5000	14.61	13.05	6.63	0.971	5	2.03	6.2
0:55		5625	14.70	13,42	6.70			1.83	7.1
(1:00	1	6250	14.81	13.63	6.73	0.968	4	1.45	6.6
11:05	(1	6815	15.05	13.44	6.74	0.975		1.40	1.0
11:10	<u>(1</u>	7500	15.29	13.34	6.65	0.480		0.88	1.0
11:15	11	8125	15.54	13,13	6.64	0.977	4	0.60	0.0
11:20	(I	8750	15.70	13.28	6.81	0,465	L	0.38	-3.1
11:15	Ĉ1	9375	15.81	17.92	6.56	0,952	4	0.31	-0,5
11:30	()	10000	15.96	12.80	6.59	0.450	4	0,20	-1.8
11:35	G	10625		12.55	6.60	0.962	4	0.17	2.5
11:40	()	11250	16.27	12.64	6.62	0.474	<u> </u>	0.15	7.1
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OBSERVATIONS/SAMPLING METHOD DEVIATIONS

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GROUNDWATER SAMPLING LOG

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GROUNDWATER SAMPLING LOG

Well No. OPCA-MW-CO

Site/GMA Name CIMAY GEPITISheld Sampling Personnel <u>LIC / DAZ</u> Date <u>10/21/CB</u> Weather <u>Mila</u> 30's <u>Overcoust</u>

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WELL INFORMATION - See Page 1

Time	Pump Rate (L/min.)	Total Gailon s Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	рН [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
1058	145	1.41	18.91	10,74	7.09	0.568	7	2.79	-66.5
1103	140	1.59	18.91	10,71	:7,10	0,567	6	2.76	-67.6
1108	135	1.77	18.91	10.63	7,09	0.567	5	2.68	-ido.9
1113		1.95	18.91	10,60	7.09	0.567	3	2.76	-66.4
1116		2.06	18.92	10.52	7,09		3	2.60	-65,4
1119		2.17	-	10,57	3,09	0.565	2	2,79	-64.9
1120e	Sam	pied	C	1200	l'e	Management of the second	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.		
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				cutive readings (

* The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading. OBSERVATIONS/SAMPLING METHOD DEVIATIONS

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Longi	Well De In of Water Colu	mn 4.77	2 🖸 Mone, Fro	m TIL		Required	Analyti	cal Parameters:	Collect
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Min Volume of C	uites of Pumpin Water Remove Did Well Go Dry Water Quality Pump Rate (L/min.)	g //5 d <u>3-25g</u> ? Y N Meter Type(s)/ Total Gailone Removed	Serial Numbers: Water Level (ft Tic)	Temp.	Peristatic Pur Pump Type: Samples colle	np (J) Si Se O P Se O P Same m P J P Sp. Cond.	ubmensible Pump ump2 othod as evacuation ach 210 Turbidity	() Other/s	ORP (mV)
Min Volume of C	Inites of Pumpin Water Remove Did Well Go Dry Water Quality Pump Rate (L/min.) / 2 0	g <u>//5</u> d <u>3-25g</u> ? Y N Metor Type(s)/ Total Gallone Removed 0-/6	Seriel Numbers: Water Lavel (ft TIC)	Temp. (Celsius)	Peristalitic Pur Pump Type: Samples colle S_5_6_M pH	np () Si Se O P Cood by same m P J A ,Sp. Cond. (mS/cm)	ubmensible Pump いかりと ethod as evacuatic Ach 210 Turbidity (NTU)	() Other/s	ORP (mV)
Min Volume of Time 1455 1505	Inites of Pumpin Water Remove Did Well Go Dry Water Quality Pump Rate (L/min.) / 2 0 / 00	g //5 d <u>3-25g</u> ? Y N Meter Type(s)/ Total Gailone Removed	Serial Numbers: Water Level (ft Tic)	Temp. (Celsius)	Peristatic Pur Pump Type: Samples colle STS-6 M pH j0.1 units[*	np () Si Se O P Cood by same m P J A ,Sp. Cond. (mS/cm)	ubmensible Pump $\mu m p \ge$ ethod as evacuation $\pi_{a} \downarrow h \ge 10$ Turbidity (NTU) [10% or 1 NTUP 4/3	() Other/S on? (*) N (spe o P Tu DO (mg/l) [10% or 0.1 mg/l]	ORP (mV) [10 mV)
Min Volume of Time 1455 1505 1510	Inites of Pumpin Water Remove Did Well Go Dry Water Quality Pump Rate (L/min.) / 2 0	g <u>//5</u> d <u>3-25g</u> ? Y N Metor Type(s)/ Total Gallone Removed 0-/6	Seriel Numbers: Water Lavel (ft TIC)	Temp. (Cetatum) [3%]* 	Peristatic Pur Pump Type: Samples colle S-5-6-M pH i0.1 units[* 	np (1) Si Se 0 P cool by same m P J / (mS/cm) (3%) ² 2.080	ubmensible Pump $L m p \ge$ ethod as evacuatic $a \downarrow h \ge 10$ Turbidity (NTU) (10% or 1 NTUP 43 16	() Other/s	ORP (mV)
Min Volume of Time 1455 1505	Inites of Pumpin Water Remove Did Well Go Dry Water Quality Pump Rate (L/min.) / 2 0 / 00	9 <u>115</u> d <u>3-259</u> 7 N Metor Type(s)/ Total Gallone Removed 0-16 0-42 0.55	Seriel Numbers: Wester Level (1 TIC) 10.91 19.35 19.62	Temp. (Cetaiua) [3%]" 13.67 13.52	Peristatic Pur Pump Type: Samples colle STE M pH j0.1 units]* - (0172 (0.70	Imp Si Si Seco P P school by same m P P Sp. Cond. (mSkem) (3%)* 2.080 2.080 P	ubmensible Pump $hmp \ge$ ethod as evacuation $fach \ge 10$ Turbidity (NTU) [10% or 1 NTUP 43 16 12	() Other/s on? (*) N (spe o P Tu (mg/l) [10% or 0.1 mg/l] - 3.26 2.55	Caty) Siling (may) (may) (10 myr -/3.8 -26.6
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Min Volume of 1455 1505 1505 1510 1515 1520	Inites of Pumpin Water Remove Did Well Go Dry Water Quality Pump Rate (L/min.) / 2 0 / 00	g <u>115</u> d <u>3-25g</u> 7 N Meter Type(s)/ Total Gallone Removed 0-16 0-42 0-55 0-68 0-81	Seriel Numbers: Vister Level (1 Tic) 19.35 19.62 19.81	Temp. (Catalua) [3%]" 13.67 13.52 13.47 13.56	Peristatic Pur Pump Type: Samples colle STE M pH j0.1 units]* - (0172 (0.70	Imp Si Si Seco P P school by same m P P Sp. Cond. (mSkem) (3%)* 2.080 2.080 P	ubmensible Pump $hmp \ge$ ethod as evacuation $fach \ge 10$ Turbidity (NTU) [10% or 1 NTUP 43 16 12	() Other/S on? () N (spe D P Tu (mg/l) (10% or 0.1 mg/l) - 3.26 2.55 2.58	Caty) S. J. M. ORP (mav) (mav) (mav) - 13.8 -26.0
Min Volume of 1455 1505 1505 1510 1515 1525	Inites of Pumpin Water Remove Did Well Go Dry Water Quality Pump Rate (L/min.) / 2 0 / 00	9 <u>115</u> 9 <u>3-256</u> 9 Y N Meter Type(9)/ Total Gallone Removed 0-16 0-42 0.55 0-68	Serial Numbers: Vater Level (R TIC) 19.35 19.62 19.75	Temp. (Celeiue) [3%]" 13.67 13.52 13.47	Peristatic Pur Pump Type: Samples colle 556 M pH i0.1 units 6.12 6.70 6.70 6.71	np (1) Si Seo P sched by same m P J (mS/cm) (3%1 2.090 2.080 2.080 2.035 2.035	ubmensible Pump $hmp \ge$ ethod as evacuation $fach \ge 10$ Turbidity (NTU) [10% or 1 NTUP 43 12 8	() Other/s on? () N (spe o P Tu DO (mg/l) [10% or 0.1 mg/l - 3.26 2.55 2.58 2.21	Caty) S. J. M. ORP (mav) (mav) (mav) - 13.8 -26.0
Min Volume of 1455 1505 1505 1510 1515 1525 1520 1525	Inites of Pumpin Water Remove Did Well Go Dry Water Quality Pump Rate (L/min.) / 2 0 / 00	g <u>115</u> d <u>3-25g</u> 7 N Meter Type(s)/ Total Gallone Removed 0-16 0-42 0-55 0-68 0-81	Serial Numbers: Vester Level (NTC) 19.35 19.62 19.75 19.81 19.93	Temp. (Catalua) [3%]" 13.67 13.52 13.47 13.56 13.76	Peristatic Pur Pump Type: Samples colle 556 M pH i0.1 units 6,72 6,70 6,70 6,70 6,70 6,70	np (1) Si Se o P cool by same m P J / (mS/cm) (3%1" 2.090 2.090 2.090 2.095 2.095 2.095 2.096	ubmensible Pump $\mu m p \ge$ ethod as evacuation $\pi_{a,c} h \ge 10$ Turbidity (NTU) (10% or 1 NTUP 43 12 2 5	() Other/s D^{2} () N (spectrum) D^{2} (mg/l) (10% or 0.1 mg/l) (10% or 0.1 mg/l) 3.26 2.55 2.58 2.58 2.21 2.07	ORP (m) (m) (m) (m) (m) (m) (m) (m) (m) (m)
Min Volume of 1455 1505 1505 1510 1515 1525	Inites of Pumpin Water Remove Did Well Go Dry Water Quality Pump Rate (L/min.) / 2 0 / 00	9 115 d 3.259 7 N Meter Type(s)/ Total Gallone Removed 0-16 0-16 0-42 0.55 0-68 0-81 0-95 1-08	Sorial Numbers: Water Lovel (1 TIC) 10.91 19.35 19.62 19.75 19.81 19.81 19.93 20.04	Temp. (Catalua) 3%1 - 13.67 13.52 13.47 13.56 13.76 13.76 13.83	Peristatic Pur Pump Type: Samples colle 556M pH 10.1 units 6,72 6,70 6,70 6,70 6,70 6,70 6,91 6,91	np (1) Si Seo P sched by same m P J (mS/cm) (3%1 2.090 2.080 2.080 2.085 2.035 2.086 2.139	ubmensible Pump $h m p \ge$ ethod as evacuation $a c h \ge 10$ Turbidity (NTU) [10% or 1 NTUP 43 16 12 5 5	() Other/s n^{2} () N (spectrum) D^{0} (mg/l) (10% or 0.1 mg/l) 3.26 2.55 2.58 2.58 2.21 2.07 2.01	ORP (mV) (10 mV)
Min Volume of IMS5 1505 1510 1516 1525 1530 1530 1535	Inites of Pumpin Water Remove Did Well Go Dry Water Quality Pump Rate (L/min.) / 2.0 / 00	9 115 d 3.259 7 N Meter Type(s)/ Total Gallone Removed 0.16 0.42 0.55 0.68 0.81 0.95 1.08 1.21	Serial Numbers: Water Level (1 TIC) 19.35 19.62 19.75 19.81 19.93 20.04 20.21	Temp. (Catalua) 3%1 - 13.67 13.52 13.47 13.56 13.76 13.76 13.83 13.83	Peristatic Pur Pump Type: Samples colle 556 M pH i0.1 unitst 6,72 6,72 6,70 6,70 6,70 6,70 6,99 6,69	np (1) Si Se 0 P ctod by same m P J 2 (ms/cm) (3%1" 2.080 2.080 2.085 2.085 2.086 2.139 2.253	ubmensible Pump $hmp \ge$ ethod as evacuation $fa \downarrow h \ge 10$ Turbidity (NTU) (10% or 1 NTUP 43 12 5 5 41	() Other/s D^{2} (D^{2} N (spectrum) D^{2} (mg/n) (10% or 0.1 mg/n (10% or 0.1 mg/n - 3.26 2.55 2.58 2.58 2.51 2.07 2.01	-13.8 -26.(-35.7 -42.7 -44.2
Min Volume of 1455 1505 1505 1510 1515 1530 1535 The stabilizatio	Autor of Pumpin Water Remove Did Well Go Dry Water Quality Pump Rate (L/min.) 120 100	9 $1/5$ 9 $7/5$ 9 $7/5$ 9 $7/5$ 1 $7/5$ 1 $7/5$ 1 $7/6$ 1	Serial Numbers: Vater Level (R TIC) 19.35 19.62 19.75 19.81 19.93 20.04 20.21 Br (three consect	Temp. (Catalua) 3%1 - 13.67 13.52 13.47 13.56 13.76 13.76 13.83 13.83	Peristatic Pur Pump Type: Samples colle 556 M pH i0.1 unitst 6,72 6,72 6,70 6,70 6,70 6,70 6,99 6,69	np (1) Si Se 0 P ctod by same m P J 2 (ms/cm) (3%1" 2.080 2.080 2.085 2.085 2.086 2.139 2.253	ubmensible Pump $hmp \ge$ ethod as evacuation $fa \downarrow h \ge 10$ Turbidity (NTU) (10% or 1 NTUP 43 12 5 5 41	() Other/s D^{2} (D^{2} N (spectrum) D^{2} (mg/n) (10% or 0.1 mg/n (10% or 0.1 mg/n - 3.26 2.55 2.58 2.58 2.51 2.07 2.01	ORP (mV) (mV) (10 mV)
Min Volume of IU/55 I505 I570 I570 I576 I570 I575 I570 I535 I535 The stabilizatio XBSERVATION	Autor Charge Water Remove Did Well Go Dry Water Quality Pump Rate (L/min.) 120 100 100	9 /15 9 3-259 9 Y N Meter Type(9)/ Total Gallone Removed 0-16 0-42 0-55 0-68 0-95 1-08 1-21 ch field parameter METHOD DEVIA	Serial Numbers: Vester Level (ft TIC) 19.35 19.62 19.75 19.81 19.93 20.04 20.21 er (three consect NTIONS	Temp. (Catalua) $[3%]^{-}$ 13.67 13.52 13.47 13.56 13.76 13.76 13.83 13.83 13.83 13.83	Peristatic Pur Pump Type: Samples colle 5-5-6 M pH i0.1 units 10.1 units 10.1 units 10.1 units 10.72 0.72 0.72 0.72 0.71 0.71 0.99 0.69 0.68 00 00 00 00 00 00 00 00 00 00 00 00 00	np (1) Si Se 0 P ctod by same m P J 2 (ms/cm) (3%1" 2.080 2.080 2.085 2.085 2.086 2.139 2.253	ubmensible Pump $h m p \ge$ ethod as evacuation $a c h \ge 10$ Turbidity (NTU) [10% or 1 NTUP 43 16 12 5 5	() Other/s D^{2} (D^{2} N (spectrum) D^{2} (mg/n) (10% or 0.1 mg/n (10% or 0.1 mg/n - 3.26 2.55 2.58 2.58 2.51 2.07 2.01	-13.8 -26.(-35.7 -42.7 -44.2
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Min Volume of 1455 1505 1505 1570 1570 1570 1575 1570 1535 1530 1535 The stabilizatio XBSERVATION	Autor Caracter Remove Water Remove Did Weil Go Dry Water Quality Pump Rate (L/min.) / 20 /00 /00 /00 /00 /00 /00 /00 /	9 /15 9 3-259 9 Y N Meter Type(9)/ Total Gallone Removed 0-16 0-42 0-55 0-68 0-95 1-08 1-21 ch field parameter METHOD DEVIA	Serial Numbers: Vertain Level (17 TIC) 19.91 19.35 19.62 19.75 19.81 19.93 20.04 20.21 er (three consect KTIONS F) 000	Temp. (Catalua) [3%]" 13.67 13.52 13.47 13.56 13.76 13.76 13.83 13.83 13.83	Peristatic Pur Pump Type: Samples colle 5-5-6 M pH i0.1 units 10.1 units 10.1 units 10.1 units 10.72 0.72 0.72 0.72 0.71 0.71 0.99 0.69 0.68 00 00 00 00 00 00 00 00 00 00 00 00 00	np (1) Si Se 0 P ctod by same m P J 2 (ms/cm) (3%1" 2.080 2.080 2.085 2.085 2.086 2.139 2.253	ubmensible Pump $hmp \ge$ ethod as evacuation $fa \downarrow h \ge 10$ Turbidity (NTU) (10% or 1 NTUP 43 12 5 5 41	() Other/s D^{2} (D^{2} N (spectrum) D^{2} (mg/n) (10% or 0.1 mg/n (10% or 0.1 mg/n - 3.26 2.55 2.58 2.58 2.51 2.07 2.01	-13.8 -26.(-35.7 -42.7 -44.2
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GROUNDWATER SAMPLING LOG

Well No. OPCA-MCO-7

Site/GMA Name <u>GTTAG_GE PITISFEID</u> Sampling Personnel <u>KIC/DAZ</u> Date <u>ID/ZI/DB</u> Weather <u>4DS_CCEINC</u>

)

WELL INFORMATION - See Page 1

Time	Pump Rate (L/min.)	Total Gallons Removed	Water Level (ft TIC)	Temp. (Celsius) [3%]*	pH [0.1 units]*	Sp. Cond. (mS/cm) [3%]*	Turbidity (NTU) [10% or 1 NTU]*	DO (mg/l) [10% or 0.1 mg/l]*	ORP (mV) [10 mV]*
#3-1538	100	1.29	20.31	13.83	6.68	2.225		1.99	-44,6
1541	100	1.37	20.48	13.84	10.67	2.241	4	1.97	- 44.6
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* The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading.

OBSERVATIONS/SAMPLING METHOD DEVIATIONS

V:\GE_Pittsfield_General_Confidential\Reports and Presentations\FSP_QAPP UpdateREV04\Attachment D-2GWsampform_DRAFTv1.xis

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	il Headepace (p					2017 March 10/2	2/08		
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Heigh	ht of Reference P	the second se	Moss. Fr					D OPCA	-mw-8_
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	croon Interval De Water Table De	$\frac{12.7}{2.7}$	A.S. 2 Mons. Fr	om <u>Groun</u>	n		Split Sample		
	Weil De	pth <u>31.50</u>		om <u>Tic</u>		_			
Long	gth of Water Colu	mn 9.05	,			Requirec		cal Paramolons;	Collected
Volu	ime of Water in V	Not 1.489	ullons			(X)		Cs (Ski, ist)	(\mathcal{X})
take De	pth of Pump/Tub	sing 18.5"	Mone, Fro	m TIC		(\mathbf{x})	VO	Ce (Exp. list) SVOCs	()
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Mii Diume of	Pump Stop Tim inutes of Pumpin f Water Remove	1320 140 5-59	llon 1	ł	Evacuation M Peristatic Pu Pump Type:	ump () s	() Bladder ubmensible Pumo	Pump ter	Heachy ()
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Mii Diume of I	Pump Stop Tim inutes of Pumpin (Water Remove Did Well Go Dry Water Quality Pump Rate (L/min.)	• /3 20 g /40 d 5-5 g. ? Y Meter Type(s) / : Total Gailone Removed	Serial Numbers: Water Level (ft TIC)	Temp.	Perintalitic Pu Pump Type: Samples coll I <u>55</u>	Imp () S Murs octod by same m 	() Bladder ubmensible Pump <u>chull(Sj</u> withod as evacuati <u>c(HS)</u> Turbidity (NTU)	Pump 's' () Other/sp cte m On ; pn? (Y) N (spec) -1AC []) (mg/l)	
Mii Diume of I	Pump Stop Tim inutes of Pumpin I Water Remove Did Well Go Dry Water Quality Pump Rate	● <u>/3 20</u> 9 <u>/ 40</u> d <u>5-5 g</u> 7 N Meter Type(s)/: Total Gallone	Serial Numbers: Wistor Level	Temp. (Celsius)	Peristaltic Pu Pump Type: Samples coli ISSC	Imp () S Muxs octod by same m Sp. Cond. (mS/cm)	() Bladder ubmensible Pump <u>chul(</u> , <u>S</u> , wethod as evacuation <u>chul(</u> , <u>S</u>) <u>turbidity</u> (NTU) [10% or 1 NTU]	Pump Joh () Other/Sp ten Ong DN? DN (spec) DO	aly)
Mii Diume of I	Pump Stop Tim inutes of Pumpin (Water Remove Did Well Go Dry Water Quality Pump Rate (L/min.)	• /3 20 g /40 d 5-5 g. ? Y Meter Type(s) / : Total Gailone Removed	Serial Numbers: Water Level (ft TIC)	Temp. (Celsius) [3%]*	Peristaltic Pu Pump Type: Samples coli I SSC pH i0.1 units[Imp () S <u>Murs</u> ectod by same m <u>Sp. Cond.</u> (mS/cm) [3%]	() Bladder ubmensible Pump <u>chull(Sj</u> withod as evacuati <u>c(HS)</u> Turbidity (NTU)	Pump () () Other/Sp ten On ())))) DO (mg/l) [10% or 0.1 mg/l]	ay)
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Mile Skume of Time 5 10 5	Pump Stop Tim inutes of Pumpin (Water Remove Did Well Go Dry Water Quality Pump Rate (L/min.)		Serial Numbers: Water Level (R TIC) 13.64 13.75	Temp. (Celeius) [3%]*	Peristaltic Pu Pump Type: Samples coli I SSC pH i0.1 units[Imp () S <u>Mur s</u> ected by same m <u>Sp. Cond.</u> (mS/cm) [3%] ⁺	() Bladder ubmensible Pump <u>chall(S)</u> eethod as evacuatie (<u>H</u> <u>S</u>) Turbidity (NTU) [10% or 1 NTUP 252 310 160 107	Pump () () Other/Sp ten On ())))) DO (mg/l) [10% or 0.1 mg/l]	ay)
Mile Skume of Time 5 10 5	Pump Stop Tim nutes of Pumpin (Water Remove Did Weil Go Dry Water Quality Pump Rate (L/min.)	● <u>/3 20</u> 9 <u>/40</u> 4 <u>S-5 9</u> 7 N Meter Type(s)/ Total Gallone Removed 0-20 0-70 0-59	Serial Numbers: Water Level (RTIC) 13.64 13.75 13.75 13.71	Temp. (Colsius) [3%]"	Peristaltic Pu Pump Type: Samples coli I SSC pH i0.1 units[Imp () S <u>Mur s</u> ected by same m <u>Sp. Cond.</u> (mS/cm) [3%] ⁺	() Bladder ubmensible Pump <u>chall(Sj</u> withod as evacuation (<u>H</u> S) Turbidity (NTU) [10% or 1 NTUP 252 310 160	Pump () () Other/Sp ten On ())))) DO (mg/l) [10% or 0.1 mg/l]	ay)
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Min Diame of Time 5 0 5 5	Pump Stop Tim nutes of Pumpin (Water Remove Did Weil Go Dry Water Quality Pump Rate (L/min.)	• 13 20 9 140 9 140 4 5-5 9. 7 € 10 10 10 10 10 10 10 10 10 10	Serial Numbers: Water Level (R TIC) 13.64 13.75 13.75 13.71 13.68 13.73	Temp. (Coisius) [3%]" [U.0] 10.19	Peristaltic Pu Pump Type: Samples coli I SSC pH i0.1 units[" 	Imp () S <u>Murs</u> ectod by same m <u>Sp. Cond.</u> (mS/cm) [3%] ² - - - 0.828	() Bladder ubmensible Pump chal(1 S), wethod as evacuation (H S) Turbidity (NTU) [10% or 1 NTUP 252 310 160 107 49 27 19	Pump 1/2) () Other/Sp te m On 1 pn? PN (spec) 1AC []) DO (mg/l) [10% or 0.1 mg/l] 	aty)
Ministration of the second sec	Pump Stop Tim nutes of Pumpin (Water Remove Did Weil Go Dry Water Quality Pump Rate (L/min.) 150	• 13 20 9 140 9 140 4 5-5 9. 7 € 10 10 10 10	Serial Numbers: Water Lavel (R TIC) 13.64 13.75 13.75 13.71 13.68 13.75 13.77 13.77 13.77 13.77	Temp. (Colsius) [3%]" [U.03] [0.19 9.98	Peristatic Pu Pump Type: Samples coli I SSC pH i0.1 units]* - - - 7.58 7.58 7.59 7.65	Imp () S <u>Murs</u> ectod by same m <u>Sp. Cond.</u> (mS/cm) [3%] ² - - 0.821 0.828 0.9447	() Bladder ubmensible Pump chall(S), wethod as evacuation (HS) (HS) Turbidity (NTU) 10% or 1 NTUP 252 310 160 107 49 27 19 16	Pump () () Other/Sp cte m On () m? PN (spec) DO (mg/i) [10% or 0.1 mg/i] 	Sty)
Min Durne of Firme 5 0 5 0 5 0 5 0 5 0 5 0 5 0 5 0 5 0 5	Pump Stop Tim nutes of Pumpin (Water Remove Did Weil Go Dry Water Quality Pump Rate (L/min.) 150 100		Serial Numbers: Water Lavei (R TIC) 13.64 13.75 13.75 13.71 13.68 13.75 13.77 13.73 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.7	Temp. (Colsius) [3%]" [U.0] 10.19 9.98 utive readings c	Peristatic Pu Pump Type: Samples coli I SSC PH i0.1 units 	Imp () S <u>Murs</u> ectod by same m <u>Sp. Cond.</u> (mS/cm) [3%] ² - - - 0.821 0.828 0.947 5-minute interval	() Bladder ubmensible Pump chall(S), wethod as evacuation (HS) (HS) Turbidity (NTU) 10% or 1 NTUP 252 310 160 107 49 27 19 15 B) is listed in each	Pump () () Other/Sp cte m On () m? PN (spec) DO (mg/i) [10% or 0.1 mg/i] 	dy) ORP (mV) [10 mV]* - - - - - - - - - - - - -
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Mine of Imme G ID S .0 S .0 S .0 S .0 S .0 S .0 S .0 S	Pump Stop Tim nutes of Pumpin (Water Remove Did Weil Go Dry Water Quality Pump Rate (L/min.) 150 100 100 100 100 100 100 100 100 100		Serial Numbers: Water Lavei (R TIC) 13.64 13.75 13.75 13.71 13.68 13.75 13.77 13.73 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.7	Temp. (Colsius) [3%]" [U.0] 10.19 9.98 utive readings c	Peristatic Pu Pump Type: Samples coli I SSC PH i0.1 units 	Imp () S <u>Murs</u> ectod by same m <u>Sp. Cond.</u> (mS/cm) [3%] ² - - 0.821 0.828 0.9447	() Bladder ubmensible Pump chall(S), wethod as evacuation (HS) (HS) Turbidity (NTU) 10% or 1 NTUP 252 310 160 107 49 27 19 15 B) is listed in each	Pump () () Other/Sp cte m On () m? PN (spec) DO (mg/i) [10% or 0.1 mg/i] 	dy) ORP (mV) [10 mV]* - - - - - - - - - - - - -
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Minime of Diume of Firme 5 5 5 5 5 5 5 5 5 5 5 5 5	Pump Stop Tim nutes of Pumpin (Water Remove Did Weil Go Dry Water Quality Pump Rate (L/min.) 150 100 100 100 100 100 100 100 100 100		Serial Numbers: Water Lavei (R TIC) 13.64 13.75 13.75 13.71 13.68 13.75 13.77 13.73 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.77 13.7	Temp. (Colsius) [3%]" [U.0] 10.19 9.98 utive readings c	Peristatic Pu Pump Type: Samples coli I SSC PH i0.1 units 	Imp () S <u>Murs</u> ectod by same m <u>Sp. Cond.</u> (mS/cm) [3%] ² - - - 0.821 0.828 0.947 5-minute interval	() Bladder ubmensible Pump chall(S), wethod as evacuation (HS) (HS) Turbidity (NTU) 10% or 1 NTUP 252 310 160 107 49 27 19 15 B) is listed in each	Pump () () Other/Sp cte m On () m? PN (spec) DO (mg/i) [10% or 0.1 mg/i] 	dy) ORP (mV) [10 mV]* - - - - - - - - - - - - -

CREaminatural Clifford Contraction

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Well No. DPCA-MW-8

Site/GMA Name <u>GEP, HoFill/GMA-4</u> Sampling Personnel <u>KICI DAZ</u> Date <u>10/2²2/08</u> Weather <u>30^o5, show</u>

WELL INFORMATION - See Page 1

	Time	Pump	Total	Water	Temp.	рН	Sp. Cond.	Turbidity	DO	ORP
	Time	Rate (L/min.)	Gallons Removed	Level (ft TIC)	(Celsius) [3%]*	[0.1 units]*	(mS/cm) [3%]*	(NTU) [10% or 1 NTUP	(mg/l) [10% or 0.1 mg/l]*	(mV) [10 mV]*
	1150	100	1.52	13.82	10.11	7.60	0.854	21	5.33	-19.2
	1155	100	1.65	13,89	9.93	7.60	0,856	10	5.37	-55.0
	1200	100	1-78	14.01	11.43	7.61	0.846	12	5.55	-22.9
	1205	185	2.02	14,29	12,30	7.67	0,858	8	8.23	-25.1
	1210	1	2.27	14.50	12.39	7.68	0.875	7	5.38	-25.0
	1215		2.51	14.69	12.59		0,876	6	5.33	-28.6
	1220		2.76	14.89	12.39	7.68	0.882	5	5.18	-27.0
	1225		3-00	15.08	12.63	7.67	0.200	5	5.38	-27.6
	1230		3.25	15.21	12.81		0.889	5	5.00	-29.1
	1233		3-40	15.39	12.87	7.68	0.889	4	4.99	-29.4
	1236		3.54	15.51	17 83	7.67		3	4.90	-29.6
	1239		3.69	15.51	12.99	7.67	0.895	3	4.83	-30.7
1240	1300	Sa	mple			004	0.010		7.05	00.T
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* The stabilization criteria for each field parameter (three consecutive readings collected at 3- to 5-minute intervals) is listed in each column heading. **OBSERVATIONS/SAMPLING METHOD DEVIATIONS**

V:\GE_Pittsfield_General_ConfidentialReports and Presentations/FSP_QAPP UpdateREV04/Atlachment D-2GWsampform_DRAFTv1.xis

ARCADIS

Appendix C

Groundwater Analytical Results - Fall 2008

Parameter	Sample ID: Date Collected:	78-1 10/23/08	78-6 10/22/08	GMA4-2 10/22/08	GMA4-3 10/22/08
Volatile Organic	s				
1,1,1,2-Tetrachlo		ND(0.0010)	ND(0.0010)	NA	NA
1,1,1-Trichloroet	hane	ND(0.0010)	ND(0.0010)	NA	NA
1,1,2,2-Tetrachlo	proethane	ND(0.0010)	ND(0.0010)	NA	NA
1,1,2-Trichloroet	hane	ND(0.0010)	ND(0.0010)	NA	NA
1,1-Dichloroetha	ne	ND(0.0010)	ND(0.0010)	NA	NA
1,1-Dichloroethe	ne	ND(0.0010)	ND(0.0010)	NA	NA
1,2,3-Trichloropr	opane	ND(0.0010)	ND(0.0010)	NA	NA
1,2-Dibromo-3-cl	hloropropane	ND(0.0050) J	ND(0.0050) J	NA	NA
1,2-Dibromoetha	ne	ND(0.0010)	ND(0.0010)	NA	NA
1,2-Dichloroetha	ne	ND(0.0010)	ND(0.0010)	NA	NA
1,2-Dichloroprop	ane	ND(0.0010)	ND(0.0010)	NA	NA
1,4-Dioxane		ND(0.10) J	ND(0.10) J	NA	NA
2-Butanone		ND(0.0050) J	ND(0.0050) J	NA	NA
2-Chloro-1,3-but	adiene	ND(0.0010)	ND(0.0010)	NA	NA
2-Chloroethylviny	ylether	R	ND(0.013) J	NA	NA
2-Hexanone		ND(0.0050) J	ND(0.0050) J	NA	NA
3-Chloropropene)	ND(0.0010)	ND(0.0010)	NA	NA
4-Methyl-2-penta		ND(0.0050)	ND(0.0050)	NA	NA
Acetone		ND(0.0050) J	ND(0.0050) J	NA	NA
Acetonitrile		ND(0.020) J	ND(0.020) J	NA	NA
Acrolein		ND(0.025) J	ND(0.025) J	NA	NA
Acrylonitrile		ND(0.025) J	ND(0.025) J	NA	NA
Benzene		ND(0.0010)	ND(0.0010)	NA	NA
Bromodichlorom	othano	ND(0.0010)	ND(0.0010)	NA	NA
Bromoform	ethane	ND(0.0010)	ND(0.0010)	NA	NA
Bromomethane		ND(0.0010)	ND(0.0010)	NA	NA
Carbon Disulfide		ND(0.0010)	ND(0.0010)	NA	NA
Carbon Tetrachlo		ND(0.0010)	ND(0.0010)	NA	NA
Chlorobenzene	Jilde	ND(0.0010)	ND(0.0010)	NA	NA
Chloroethane		ND(0.0010)	ND(0.0010)	NA	NA
Chloroform		ND(0.0010)	ND(0.0010)	NA	NA
					NA
Chloromethane		ND(0.0010)	ND(0.0010)	NA	NA
cis-1,3-Dichlorop		ND(0.0010)	ND(0.0010)	NA	
Dibromochlorom		ND(0.0010)	ND(0.0010)	NA	NA
Dibromomethane		ND(0.0010)	ND(0.0010)	NA	NA
Dichlorodifluoron		ND(0.0010)	ND(0.0010)	NA	NA
Ethyl Methacryla	te	ND(0.0010)	ND(0.0010)	NA	NA
Ethylbenzene		ND(0.0010)	ND(0.0010)	NA	NA
lodomethane		ND(0.0010)	ND(0.0010)	NA	NA
Isobutanol		ND(0.050) J	ND(0.050) J	NA	NA
Methacrylonitrile	lata	ND(0.010)	ND(0.010)	NA	NA
Methyl Methacry		ND(0.0010)	ND(0.0010)	NA	NA
Methylene Chlori	lae	ND(0.0050)	ND(0.0050)	NA	NA
Propionitrile		ND(0.020) J	ND(0.020) J	NA	NA
Styrene		ND(0.0010)	ND(0.0010)	NA	NA
Tetrachloroether	ie	ND(0.0010)	ND(0.0010)	NA	NA
Toluene		ND(0.0010)	ND(0.0010)	NA	NA
trans-1,2-Dichlor		ND(0.0010)	ND(0.0010)	NA	NA
trans-1,3-Dichlor		ND(0.0010)	ND(0.0010)	NA	NA
trans-1,4-Dichlor	o-2-butene	ND(0.0050) J	ND(0.0050) J	NA	NA
Trichloroethene		ND(0.0010)	ND(0.0010)	NA	NA
Trichlorofluorome	ethane	ND(0.0010)	ND(0.0010)	NA	NA
Vinyl Acetate		ND(0.0025)	ND(0.0025)	NA	NA
Vinyl Chloride		ND(0.0010)	ND(0.0010)	NA	NA
Xylenes (total)		ND(0.0010)	ND(0.0010)	NA	NA
Total VOCs		ND(0.10)	ND(0.10)	NA	NA

Parameter	Sample ID: Date Collected:	78-1 10/23/08	78-6 10/22/08	GMA4-2 10/22/08	GMA4-3 10/22/08
PCBs-Filtered					
Aroclor-1016		ND(0.00010) J	ND(0.00010)	ND(0.00010)	ND(0.00011)
Aroclor-1221		ND(0.00010) J	ND(0.00010)	ND(0.00010)	ND(0.00011)
Aroclor-1232		ND(0.00010) J	ND(0.00010)	ND(0.00010)	ND(0.00011)
Aroclor-1242		ND(0.00010) J	ND(0.00010)	ND(0.00010)	ND(0.00011)
Aroclor-1248		ND(0.00010) J	ND(0.00010)	ND(0.00010)	ND(0.00011)
Aroclor-1254		ND(0.00010) J	ND(0.00010)	ND(0.00010)	ND(0.00011)
Aroclor-1260		ND(0.00010) J	ND(0.00010)	ND(0.00010)	ND(0.00011)
Total PCBs		ND(0.00010) J	ND(0.00010)	ND(0.00010)	ND(0.00011)
Semivolatile Orga	nics	112(0.00010)0	112(0.00010)	112(0.00010)	112(0.00011)
1,2,4,5-Tetrachloro		ND(0.0051)	ND(0.0051)	NA	NA
1,2,4-Trichlorobenz		ND(0.0051)	ND(0.0051)	NA	NA
1,2-Dichlorobenzer		ND(0.0051)	ND(0.0051)	NA	NA
1,2-Diphenylhydraz		ND(0.0051)	ND(0.0051)	NA	NA
1,3,5-Trinitrobenze		ND(0.0051)	ND(0.0051)	NA	NA
1,3-Dichlorobenzer		ND(0.020)	ND(0.020)	NA	NA
,	le	, , ,	· · · · · · · · · · · · · · · · · · ·		
1,3-Dinitrobenzene		ND(0.0051)	ND(0.0051)	NA	NA
1,4-Dichlorobenzer		ND(0.0051)	ND(0.0051)	NA	NA
1,4-Naphthoquinon	e	ND(0.0051)	ND(0.0051)	NA	NA
1-Naphthylamine		ND(0.026)	ND(0.026)	NA	NA
2,3,4,6-Tetrachloro		ND(0.0051)	ND(0.0051)	NA	NA
2,4,5-Trichloropher		ND(0.0051)	ND(0.0051)	NA	NA
2,4,6-Trichloropher	ol	ND(0.0051)	ND(0.0051)	NA	NA
2,4-Dichlorophenol		ND(0.0051)	ND(0.0051)	NA	NA
2,4-Dimethylphenol		ND(0.0051)	ND(0.0051)	NA	NA
2,4-Dinitrophenol		ND(0.026)	ND(0.026)	NA	NA
2,4-Dinitrotoluene		ND(0.0051)	ND(0.0051)	NA	NA
2,6-Dichlorophenol		ND(0.0051)	ND(0.0051)	NA	NA
2,6-Dinitrotoluene		ND(0.0051)	ND(0.0051)	NA	NA
2-Acetylaminofluore		ND(0.010)	ND(0.010)	NA	NA
2-Chloronaphthaler	ne	ND(0.0051)	ND(0.0051)	NA	NA
2-Chlorophenol		ND(0.0051)	ND(0.0051)	NA	NA
2-Methylnaphthaler	ne	ND(0.0051)	ND(0.0051)	NA	NA
2-Methylphenol		ND(0.0051)	ND(0.0051)	NA	NA
2-Naphthylamine		ND(0.026)	ND(0.026)	NA	NA
2-Nitroaniline		ND(0.0051)	ND(0.0051)	NA	NA
2-Nitrophenol		ND(0.0051)	ND(0.0051)	NA	NA
2-Picoline		ND(0.0051)	ND(0.0051)	NA	NA
3&4-Methylphenol		ND(0.0051)	ND(0.0051)	NA	NA
3,3'-Dichlorobenzid	ine	ND(0.010)	ND(0.010)	NA	NA
3,3'-Dimethylbenzio	line	ND(0.026)	ND(0.026)	NA	NA
3-Methylcholanthre		ND(0.0051)	ND(0.0051)	NA	NA
3-Nitroaniline	-	ND(0.026)	ND(0.026)	NA	NA
4,6-Dinitro-2-methy	lphenol	ND(0.026)	ND(0.026)	NA	NA
4-Aminobiphenyl		ND(0.0051)	ND(0.0051)	NA	NA
4-Bromophenyl-phe	envlether	ND(0.0051)	ND(0.0051)	NA	NA
4-Chloro-3-Methylp		ND(0.0051)	ND(0.0051)	NA	NA
4-Chloroaniline	nonor	ND(0.026)	ND(0.026)	NA	NA
4-Chlorobenzilate		ND(0.0051)	ND(0.0051)	NA	NA
4-Chlorophenyl-phe	envlether	ND(0.0051)	ND(0.0051)	NA	NA
4-Nitroaniline	Silyiouloi	ND(0.0051)	ND(0.0051)	NA	NA
4-Nitrophenol		ND(0.026)	ND(0.026)	NA	NA
4-Nitroquinoline-1-c	ovido	· · · ·	ND(0.026)	NA	
4-Nitroquinoline-1-0 4-Phenylenediamin		ND(0.026) ND(0.010)	ND(0.026) ND(0.010)	NA	NA NA
	e		, , ,		
5-Nitro-o-toluidine		ND(0.0051)	ND(0.0051)	NA	NA
7,12-Dimethylbenz	()	ND(0.0051)	ND(0.0051)	NA	NA
a,a'-Dimethylphene	unylamine	ND(0.026) J	ND(0.026) J	NA	NA
Acenaphthene		ND(0.0051)	ND(0.0051)	NA	NA
Acenaphthylene		ND(0.0051)	ND(0.0051)	NA	NA

Sample ID: Parameter Date Collected:	78-1 10/23/08	78-6 10/22/08	GMA4-2 10/22/08	GMA4-3 10/22/08
Semivolatile Organics (continued)				
Acetophenone	ND(0.0051)	ND(0.0051)	NA	NA
Aniline	ND(0.0051)	ND(0.0051)	NA	NA
Anthracene	ND(0.0051)	ND(0.0051)	NA	NA
Aramite	ND(0.0051)	ND(0.0051)	NA	NA
Benzidine	ND(0.010)	ND(0.010)	NA	NA
Benzo(a)anthracene	ND(0.0051)	ND(0.0051)	NA	NA
Benzo(a)pyrene	ND(0.0051)	ND(0.0051)	NA	NA
Benzo(b)fluoranthene	ND(0.0051)	ND(0.0051)	NA	NA
Benzo(g,h,i)perylene	ND(0.0051)	ND(0.0051)	NA	NA
Benzo(k)fluoranthene	ND(0.0051)	ND(0.0051)	NA	NA
Benzyl Alcohol	ND(0.010)	ND(0.010)	NA	NA
bis(2-Chloroethoxy)methane	ND(0.0051)	ND(0.0051)	NA	NA
bis(2-Chloroethyl)ether	ND(0.0051)	ND(0.0051)	NA	NA
bis(2-Chloroisopropyl)ether	ND(0.0051)	ND(0.0051)	NA	NA
bis(2-Ethylhexyl)phthalate	ND(0.0051)	ND(0.0051)	NA	NA
Butylbenzylphthalate	ND(0.0051)	ND(0.0051)	NA	NA
Chrysene Diallate	ND(0.0051)	ND(0.0051)	NA	NA NA
	ND(0.0051)	ND(0.0051)	NA	
Dibenzo(a,h)anthracene	ND(0.0051)	ND(0.0051)	NA NA	NA NA
Dibenzofuran	ND(0.0051)	ND(0.0051)		
Diethylphthalate	ND(0.0051)	ND(0.0051)	NA	NA NA
Dimethylphthalate	ND(0.0051)	ND(0.0051)	NA	
Di-n-Butylphthalate	ND(0.0051)	ND(0.0051)	NA	NA
Di-n-Octylphthalate Diphenylamine	ND(0.0051) ND(0.0051)	ND(0.0051) ND(0.0051)	NA NA	NA NA
Ethyl Methanesulfonate	ND(0.0051)	ND(0.0051)	NA	NA
Fluoranthene	ND(0.0051)	ND(0.0051)	NA	NA
Fluorene	ND(0.0051)	ND(0.0051)	NA	NA
Hexachlorobenzene	ND(0.0051)	ND(0.0051)	NA	NA
Hexachlorobutadiene	ND(0.0051)	ND(0.0051)	NA	NA
Hexachlorocyclopentadiene	ND(0.010) J	ND(0.0001) ND(0.010) J	NA	NA
Hexachloroethane	ND(0.0051)	ND(0.0051)	NA	NA
Hexachlorophene	ND(0.0051) J	ND(0.0051) J	NA	NA
Hexachloropropene	ND(0.010)	ND(0.010)	NA	NA
Indeno(1,2,3-cd)pyrene	ND(0.0051)	ND(0.0051)	NA	NA
Isodrin	ND(0.0051)	ND(0.0051)	NA	NA
Isophorone	ND(0.0051)	ND(0.0051)	NA	NA
Isosafrole	ND(0.0051)	ND(0.0051)	NA	NA
Methapyrilene	ND(0.0051) J	ND(0.0051) J	NA	NA
Methyl Methanesulfonate	ND(0.0051)	ND(0.0051)	NA	NA
Naphthalene	ND(0.0051)	ND(0.0051)	NA	NA
Nitrobenzene	ND(0.0051)	ND(0.0051)	NA	NA
N-Nitrosodiethylamine	ND(0.0051)	ND(0.0051)	NA	NA
N-Nitrosodimethylamine	ND(0.0051)	ND(0.0051)	NA	NA
N-Nitroso-di-n-butylamine	ND(0.0051)	ND(0.0051)	NA	NA
N-Nitroso-di-n-propylamine	ND(0.0051)	ND(0.0051)	NA	NA
N-Nitrosomethylethylamine	ND(0.0051)	ND(0.0051)	NA	NA
N-Nitrosomorpholine	ND(0.0051)	ND(0.0051)	NA	NA
N-Nitrosopiperidine	ND(0.0051)	ND(0.0051)	NA	NA
N-Nitrosopyrrolidine	ND(0.0051)	ND(0.0051)	NA	NA
o,o,o-Triethylphosphorothioate	ND(0.0051)	ND(0.0051)	NA	NA
o-Toluidine	ND(0.0051)	ND(0.0051)	NA	NA
p-Dimethylaminoazobenzene	ND(0.0051)	ND(0.0051)	NA	NA
Pentachlorobenzene	ND(0.0051)	ND(0.0051)	NA	NA
Pentachloroethane	ND(0.0051)	ND(0.0051)	NA	NA
Pentachloronitrobenzene	ND(0.0051)	ND(0.0051)	NA	NA
Pentachlorophenol	ND(0.026)	ND(0.026)	NA	NA
Phenacetin	ND(0.0051)	ND(0.0051)	NA	NA

Parameter	Sample ID: Date Collected:	78-1 10/23/08	78-6 10/22/08	GMA4-2 10/22/08	GMA4-3 10/22/08
Semivolatile Org	anics (continued)				
Phenanthrene		ND(0.0051)	ND(0.0051)	NA	NA
Phenol		ND(0.0051)	ND(0.0051)	NA	NA
Pronamide		ND(0.0051)	ND(0.0051)	NA	NA
Pyrene		ND(0.0051)	ND(0.0051)	NA	NA
Pyridine		ND(0.0051)	ND(0.0051)	NA	NA
Safrole		ND(0.0051)	ND(0.0051)	NA	NA
Thionazin		ND(0.010)	ND(0.010)	NA	NA
Furans					
2,3,7,8-TCDF		0.00000010 J	ND(0.000000029)	NA	NA
TCDFs (total)		0.00000066	0.00000020	NA	NA
1,2,3,7,8-PeCDF		ND(0.000000051)	ND(0.000000051)	NA	NA
2,3,4,7,8-PeCDF		ND(0.000000051)	ND(0.000000051)	NA	NA
PeCDFs (total)		0.00000021	0.000000041	NA	NA
1,2,3,4,7,8-HxCD	F	ND(0.000000051)	ND(0.000000051)	NA	NA
1,2,3,6,7,8-HxCD		ND(0.000000051)	ND(0.000000051)	NA	NA
1,2,3,7,8,9-HxCD		ND(0.000000051)	ND(0.000000051)	NA	NA
2,3,4,6,7,8-HxCD		ND(0.000000051)	ND(0.000000051)	NA	NA
HxCDFs (total)		ND(0.0000000051)	ND(0.000000051)	NA	NA
1,2,3,4,6,7,8-HpC	DF	ND(0.000000051)	ND(0.000000051)	NA	NA
1,2,3,4,7,8,9-HpC		ND(0.000000058)	ND(0.000000051)	NA	NA
HpCDFs (total)		ND(0.000000058)	ND(0.000000051)	NA	NA
OCDF		ND(0.00000015)	ND(0.00000013)	NA	NA
Dioxins					
2,3,7,8-TCDD		ND(0.000000030)	ND(0.000000025)	NA	NA
TCDDs (total)		ND(0.000000030)	ND(0.000000025)	NA	NA
1,2,3,7,8-PeCDD		ND(0.0000000051)	ND(0.0000000051)	NA	NA
PeCDDs (total)		ND(0.0000000051)	ND(0.0000000051)	NA	NA
1,2,3,4,7,8-HxCD	D	ND(0.000000052)	ND(0.000000051)	NA	NA
1,2,3,6,7,8-HxCD		ND(0.0000000051)	ND(0.0000000051)	NA	NA
1,2,3,7,8,9-HxCD		ND(0.0000000051)	ND(0.0000000051)	NA	NA
HxCDDs (total)	-	ND(0.000000052)	ND(0.000000051)	NA	NA
1,2,3,4,6,7,8-HpC	DD	ND(0.000000086)	ND(0.000000071)	NA	NA
HpCDDs (total)		ND(0.000000086)	ND(0.000000071)	NA	NA
OCDD		ND(0.000000019)	ND(0.000000015)	NA	NA
Total TEQs (WHC) TEEs)	0.000000084	0.000000072	NA	NA
Inorganics-Unfilt		0.000000000	0.000000012		
Sulfide		1.3 J	ND(1.00)	NA	NA
Inorganics-Filter	ed	1.00	112(1.00)	10/1	101
Antimony	cu	ND(0.0400)	ND(0.0400)	NA	NA
Arsenic		ND(0.0100) J	0.00517 B J	NA	NA
Barium		ND(0.500)	0.0574 B	NA	NA
Beryllium		ND(0.0100)	ND(0.0100) J	NA	NA
Cadmium		ND(0.00500)	ND(0.00500) J	NA	NA
Chromium		ND(0.00000) J	ND(0.00000) J	NA	NA
Cobalt	I	ND(0.0100) J	0.00372 B J	NA	NA
Copper		ND(0.200) J	ND(0.200) J	NA	NA
Cyanide-MADEP	(PAC)	ND(0.00600)	ND(0.00600)	NA	NA
Lead		ND(0.0100) J	0.00684 B J	NA	NA
Mercury		ND(0.000570)	ND(0.000570)	NA	NA
Nickel	I	ND(0.0500) J	ND(0.0500)	NA	NA
Selenium	I	ND(0.0200) J	ND(0.0200) J	NA	NA
Silver	I	ND(0.0200) J	ND(0.0200) 3	NA	NA
Thallium		ND(0.0100) 3	ND(0.0100) J	NA	NA
Tin		ND(0.100) J	ND(0.100) J	NA	NA
		110(0.100) J	110(0.100) 0		
Vanadium		ND(0.0500)	ND(0.0500)	NA	NA

Parameter	Sample ID: Date Collected:	GMA4-6 10/23/08	H78B-15 10/23/08	OPCA-MW-1RR 10/20/08	OPCA-MW-2R 10/20-10/21/08
Volatile Organi	cs				
1,1,1,2-Tetrachloroethane		ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
1,1,1-Trichloroe	thane	ND(0.0010)	ND(0.0010)	ND(0.50)	0.00013 J
1,1,2,2-Tetrachl	oroethane	ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
1,1,2-Trichloroe	thane	ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
1,1-Dichloroetha	ane	ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
1,1-Dichloroethe	ene	ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
1,2,3-Trichlorop	ropane	ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
1,2-Dibromo-3-c	chloropropane	ND(0.0050) J	ND(0.0050) J	ND(2.5) J	ND(0.0050) J
1,2-Dibromoetha	ane	ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
1,2-Dichloroetha	ane	ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
1,2-Dichloroprop	oane	ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
1,4-Dioxane		ND(0.10) J	ND(0.10) J	ND(50) Ĵ	ND(0.10) J
2-Butanone		ND(0.0050) J	ND(0.0050) J	ND(2.5) J	ND(0.0050) J
2-Chloro-1,3-butadiene		ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
2-Chloroethylvir		ND(0.013) J	ND(0.013) J	ND(6.3) J	ND(0.013) J
2-Hexanone	-	ND(0.0050) J	ND(0.0050) J	ND(2.5)	ND(0.0050)
3-Chloropropen	e	ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
4-Methyl-2-pent		ND(0.0050)	ND(0.0050)	ND(2.5)	ND(0.0050)
Acetone	-	ND(0.0050) J	ND(0.0050) J	ND(2.5) J	ND(0.0050) J
Acetonitrile		ND(0.020) J	ND(0.020) J	ND(10) J	ND(0.020) J
Acrolein		ND(0.025) J	ND(0.025) J	ND(13) J	ND(0.025) J
Acrylonitrile		ND(0.025) J	ND(0.025) J	ND(13) J	ND(0.025) J
Benzene		ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
Bromodichloromethane		ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
Bromoform		ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
Bromomethane		ND(0.0010)	ND(0.0010)	ND(0.50) J	ND(0.0010) J
Carbon Disulfide		ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
Carbon Tetrachloride		ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
Chlorobenzene		ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
Chloroethane		ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
Chloroform		ND(0.0010)	0.00021 J	ND(0.50)	ND(0.0010)
Chloromethane		ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
sis-1,3-Dichloropropene		ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
Dibromochloromethane		ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
Dibromomethane		ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
Dichlorodifluoromethane		ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
		ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
Ethyl Methacrylate		ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
Ethylbenzene Iodomethane		ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
Isobutanol		ND(0.050) J	ND(0.050) J	ND(0.30) ND(25) J	ND(0.050) J
Methacrylonitrile					()
Methyl Methacry		ND(0.010) ND(0.0010)	ND(0.010) ND(0.0010)	ND(5.0) J ND(0.50)	ND(0.010) J ND(0.0010)
		ND(0.0010)	ND(0.0010) ND(0.0050)	ND(0.50) ND(2.5)	ND(0.0010)
Methylene Chloride		· · · · ·	ND(0.0050) ND(0.020) J	ND(2.5) ND(10) J	· · · · /
Propionitrile		ND(0.020) J ND(0.0010)	ND(0.020) J ND(0.0010)	ND(10) J ND(0.50)	ND(0.020) J ND(0.0010)
Styrene		(/			
Tetrachloroethene		ND(0.0010)	ND(0.0010)	3.6	0.0030
Foluene		ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
trans-1,2-Dichloroethene		ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
trans-1,3-Dichloropropene		ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
trans-1,4-Dichloro-2-butene		ND(0.0050) J	ND(0.0050) J	ND(2.5) J	ND(0.0050) J
Trichloroethene		ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
Trichlorofluoromethane		ND(0.0010)	ND(0.0010)	ND(0.50) J	ND(0.0010) J
Vinyl Acetate		ND(0.0025)	ND(0.0025)	ND(1.3)	ND(0.0025)
Vinyl Chloride		ND(0.0010)	ND(0.0010)	ND(0.50) J	ND(0.0010) J
Xylenes (total)		ND(0.0010)	ND(0.0010)	ND(0.50)	ND(0.0010)
Total VOCs		ND(0.10)	0.00021 J	3.6	0.0031 J

PCBs-Filtered Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Total PCBs Semivolatile Organia 1,2,4,5-Tetrachlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,3-Dinitrobenzene 1,3-Dinitrobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 2,4,6-Trichlorophenol 2,4,6-Trichlorophenol	nzene	ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051)	ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.026) ND(0.0053)	ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.025) ND(0.0051)	ND(0.000072) J ND(0.000072) J ND(0.000072) J ND(0.000072) J ND(0.000072) J ND(0.000072) J ND(0.000072) J ND(0.000072) J ND(0.00053) ND(0.0053) ND(0.0053) ND(0.026)
Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Total PCBs Semivolatile Organid 1,2,4,5-Tetrachlorobe 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dinitrobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Naphthoquinone 2,3,4,6-Tetrachloroph 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol	nzene	ND(0.00010) J ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051)	ND(0.00010) J ND(0.00053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053)	ND(0.00010) J ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051)	ND(0.000072) J ND(0.00053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053)
Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1260 Total PCBs Semivolatile Organic 1,2,4,5-Tetrachlorobe 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Naphthoquinone 1,Naphthylamine 2,3,4,6-Tetrachloroph 2,4,6-Trichlorophenol 2,4,6-Trichlorophenol	nzene	ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051)	ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053)	ND(0.00010) J ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051)	ND(0.000072) J ND(0.00053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053)
Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1254 Total PCBs Semivolatile Organic 1,2,4,5-Tetrachlorobe 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Naphthoquinone 2,3,4,6-Tetrachloroph 2,4,6-Trichlorophenol 2,4,6-Trichlorophenol	nzene	ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.026) ND(0.0051) ND(0.0051)	ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053)	ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.025)	ND(0.000072) J ND(0.000072) J ND(0.000072) J ND(0.000072) J ND(0.000072) J ND(0.000072) J ND(0.00053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053)
Aroclor-1248 Aroclor-1254 Aroclor-1260 Total PCBs Semivolatile Organic 1,2,4,5-Tetrachlorobe 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Naphthoquinone 1-Naphthylamine 2,3,4,6-Tetrachloroph 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol	nzene	ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.026) ND(0.0051) ND(0.0051)	ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053)	ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.025)	ND(0.000072) J ND(0.000072) J ND(0.000072) J ND(0.000072) J ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053)
Aroclor-1254 Aroclor-1260 Total PCBs Semivolatile Organic 1,2,4,5-Tetrachlorobe 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Naphthoquinone 1-Naphthylamine 2,3,4,6-Tetrachloroph 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol	nzene	ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.026) ND(0.0051) ND(0.0051)	ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.0053)	ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051)	ND(0.000072) J ND(0.000072) J ND(0.000072) J ND(0.000072) J ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053)
Aroclor-1260 Total PCBs Semivolatile Organic 1,2,4,5-Tetrachlorobe 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Naphthoquinone 1-Naphthylamine 2,3,4,6-Tetrachloroph 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol	nzene	ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.026) ND(0.0051) ND(0.0051)	ND(0.00010) J ND(0.0053)	ND(0.00010) J ND(0.00010) J ND(0.00010) J ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051)	ND(0.000072) J ND(0.00072) J ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.026)
Total PCBs Semivolatile Organic 1,2,4,5-Tetrachlorobe 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,2-Diphenylhydrazine 1,3-5-Trinitrobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Naphthoquinone 1-Naphthylamine 2,3,4,6-Tetrachloroph 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol	nzene	ND(0.00010) J ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.026) ND(0.0051) ND(0.0051)	ND(0.00010) J ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.026) ND(0.0053)	ND(0.00010) J ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.025)	ND(0.000072) J ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.026)
Semivolatile Organic 1,2,4,5-Tetrachlorobe 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,2-Diphenylhydrazine 1,3,5-Trinitrobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Naphthoquinone 1-Naphthylamine 2,3,4,6-Tetrachloroph 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol	nzene	ND(0.00010) J ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.026) ND(0.0051) ND(0.0051)	ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.026) ND(0.0053)	ND(0.00010) J ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.025)	ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.026)
1,2,4,5-Tetrachlorobe 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,2-Diphenylhydrazine 1,3,5-Trinitrobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Naphthoquinone 1-Naphthylamine 2,3,4,6-Tetrachloroph 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol	nzene	ND(0.0051) ND(0.0051) ND(0.0051) ND(0.026) ND(0.0051) ND(0.0051)	ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.026) ND(0.0053)	ND(0.0051) ND(0.0051) ND(0.0051) ND(0.025)	ND(0.0053) ND(0.0053) ND(0.0053) ND(0.026)
1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,2-Diphenylhydrazine 1,3-5-Trinitrobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Naphthoquinone 1-Naphthylamine 2,3,4,6-Tetrachloroph 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol	e	ND(0.0051) ND(0.0051) ND(0.0051) ND(0.026) ND(0.0051) ND(0.0051)	ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) ND(0.026) ND(0.0053)	ND(0.0051) ND(0.0051) ND(0.0051) ND(0.025)	ND(0.0053) ND(0.0053) ND(0.0053) ND(0.026)
1,2-Dichlorobenzene 1,2-Diphenylhydrazing 1,3,5-Trinitrobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Naphthoquinone 1-Naphthylamine 2,3,4,6-Tetrachloroph 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol	9	ND(0.0051) ND(0.0051) ND(0.026) ND(0.0051) ND(0.0051)	ND(0.0053) ND(0.0053) ND(0.026) ND(0.0053)	ND(0.0051) ND(0.0051) ND(0.025)	ND(0.0053) ND(0.0053) ND(0.0053) ND(0.026)
1,2-Diphenylhydrazine 1,3,5-Trinitrobenzene 1,3-Dinitrobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Naphthoquinone 2,3,4,6-Tetrachloroph 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol		ND(0.0051) ND(0.026) ND(0.0051) ND(0.0051)	ND(0.0053) ND(0.026) ND(0.0053)	ND(0.0051) ND(0.025)	ND(0.0053) ND(0.026)
1,3,5-Trinitrobenzene 1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Naphthoquinone 1-Naphthylamine 2,3,4,6-Tetrachloroph 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol		ND(0.026) ND(0.0051) ND(0.0051)	ND(0.026) ND(0.0053)	ND(0.025)	ND(0.026)
1,3-Dichlorobenzene 1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Naphthoquinone 1-Naphthylamine 2,3,4,6-Tetrachloroph 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol		ND(0.0051) ND(0.0051)	ND(0.0053)	()	
1,3-Dinitrobenzene 1,4-Dichlorobenzene 1,4-Naphthoquinone 1-Naphthylamine 2,3,4,6-Tetrachloroph 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol		ND(0.0051)		ND(0.0051)	
1,4-Dichlorobenzene 1,4-Naphthoquinone 1-Naphthylamine 2,3,4,6-Tetrachloroph 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol	onel	(/			ND(0.0053)
1,4-Naphthoquinone 1-Naphthylamine 2,3,4,6-Tetrachloroph 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol	ond	ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
1-Naphthylamine 2,3,4,6-Tetrachloroph 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol	anal	\ · /	ND(0.0053)	ND(0.0051)	ND(0.0053)
2,3,4,6-Tetrachloroph 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol	anal	ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
2,4,5-Trichlorophenol 2,4,6-Trichlorophenol	anal	ND(0.026)	ND(0.026)	ND(0.025) J	ND(0.026)
2,4,6-Trichlorophenol	enol	ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
2,4-Dichlorophenol		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
2,4-Dichlorophenol		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
2,4-Dimethylphenol		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
2,4-Dinitrophenol		ND(0.026)	ND(0.026)	ND(0.025)	ND(0.026)
2,4-Dinitrotoluene		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
2,6-Dichlorophenol		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
2,6-Dinitrotoluene		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
2-Acetylaminofluorene		ND(0.010)	ND(0.011)	ND(0.010)	ND(0.011)
2-Chloronaphthalene		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
2-Chlorophenol		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
2-Methylnaphthalene		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
2-Methylphenol		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
2-Naphthylamine		ND(0.026)	ND(0.026)	ND(0.025) J	ND(0.026)
2-Nitroaniline		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
2-Nitrophenol		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
2-Picoline		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
3&4-Methylphenol		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
3,3'-Dichlorobenzidine		ND(0.010)	ND(0.011)	ND(0.010)	ND(0.011)
3,3'-Dimethylbenzidine		ND(0.026)	ND(0.026)	ND(0.025)	ND(0.026)
3-Methylcholanthrene		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
3-Nitroaniline		ND(0.026)	ND(0.026)	ND(0.025)	ND(0.026)
4,6-Dinitro-2-methylphenol		ND(0.026)	ND(0.026)	ND(0.025)	ND(0.026)
4-Aminobiphenyl		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
4-Bromophenyl-pheny		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
4-Chloro-3-Methylphenol		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
4-Chloroaniline		ND(0.026)	ND(0.026)	ND(0.025)	ND(0.026)
4-Chlorobenzilate		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
4-Chlorophenyl-phenylether		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
4-Nitrophonol		ND(0.026) ND(0.026)	ND(0.026)	ND(0.025)	ND(0.026)
4-Nitrophenol		· · · · ·	ND(0.026)	ND(0.025)	ND(0.026)
4-Nitroquinoline-1-oxide		ND(0.026)	ND(0.026)	ND(0.025) J	ND(0.026)
4-Phenylenediamine		ND(0.010)	ND(0.011)	ND(0.010) J	ND(0.011)
5-Nitro-o-toluidine	onthroport	ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
7,12-Dimethylbenz(a)		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
a,a'-Dimethylphenethylamine		ND(0.026) J	ND(0.026) J	ND(0.025) J	ND(0.026)
Acenaphthene Acenaphthylene		ND(0.0051) ND(0.0051)	ND(0.0053) ND(0.0053)	ND(0.0051) ND(0.0051)	ND(0.0053) ND(0.0053)

Parameter	Sample ID: Date Collected:	GMA4-6 10/23/08	H78B-15 10/23/08	OPCA-MW-1RR 10/20/08	OPCA-MW-2R 10/20-10/21/08
Semivolatile Or	ganics (continued)				
Acetophenone		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
Aniline		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
Anthracene		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
Aramite		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
Benzidine		ND(0.010)	ND(0.011)	ND(0.010)	ND(0.011)
Benzo(a)anthrac	cene	ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
Benzo(a)pyrene		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
Benzo(b)fluoran		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
Benzo(g,h,i)pery	lene	ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
Benzo(k)fluoran		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
Benzyl Álcohol		ND(0.010)	ND(0.011)	ND(0.010)	ND(0.011)
bis(2-Chloroetho	xv)methane	ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
bis(2-Chloroethyl)ether		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
bis(2-Chloroisopropyl)ether		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
bis(2-Ethylhexyl)phthalate		0.00072 J	0.0010 J	ND(0.0051)	ND(0.0053)
Butylbenzylphthalate		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
Chrysene		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
Diallate		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
Dibenzo(a,h)ant	hracene	ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
Dibenzofuran		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
Diethylphthalate		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
Dimethylphthalate		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
Din-Butylphthalate		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
Di-n-Octylphthalate		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
Diphenylamine	ale	ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
Ethyl Methanesu	ulfonato	ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
	lionate	ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
Fluoranthene		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
Fluorene		· · · ·	, , , , , , , , , , , , , , , , , , ,	, , , , , , , , , , , , , , , , , , ,	
Hexachlorobenzene		ND(0.0051)	ND(0.0053) ND(0.0053)	ND(0.0051) ND(0.0051)	ND(0.0053) ND(0.0053)
lexachlorobutadiene		ND(0.0051)			
lexachlorocyclopentadiene		ND(0.010) J	ND(0.011) J	ND(0.010) J	ND(0.011)
lexachloroethane		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
lexachlorophene		ND(0.0051) J	ND(0.0053) J	ND(0.0051) J	ND(0.0053) J
lexachloropropene		ND(0.010)	ND(0.011)	ND(0.010)	ND(0.011)
ndeno(1,2,3-cd)pyrene		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
sodrin		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
sophorone		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
sosafrole		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
Methapyrilene		ND(0.0051) J	ND(0.0053) J	ND(0.0051) J	ND(0.0053)
Methyl Methanesulfonate		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
Naphthalene		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
Nitrobenzene		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
N-Nitrosodiethylamine		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
N-Nitrosodimethylamine		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
N-Nitroso-di-n-butylamine		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
N-Nitroso-di-n-propylamine		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
N-Nitrosomethylethylamine		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
N-Nitrosomorpholine		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
N-Nitrosopiperidine		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
N-Nitrosopyrrolidine		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
o,o,o-Triethylphosphorothioate		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
o-Toluidine		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
p-Dimethylaminoazobenzene		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
Pentachlorobenzene		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
Pentachloroethane		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
Pentachloronitrobenzene		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
Pentachlorophenol		ND(0.026)	ND(0.026)	ND(0.025)	ND(0.026)
Phenacetin		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)

2,3,7,8-TCDD ND(0.000000033) ND(0.000000023) ND(0.000000032) ND(0.000000032) TCDDs (total) ND(0.000000033) ND(0.000000023) ND(0.000000032) ND(0.000000032) 1,2,3,7,8-PeCDD ND(0.000000051) ND(0.000000051) ND(0.000000053) ND(0.000000053) PeCDDs (total) ND(0.000000051) ND(0.000000051) ND(0.000000053) ND(0.000000052) 1,2,3,4,7,8-HxCDD ND(0.000000051) ND(0.000000053) ND(0.000000052) 1,2,3,6,7,8-HxCDD ND(0.000000051) ND(0.000000053) ND(0.000000052) 1,2,3,4,7,8-HxCDD ND(0.000000051) ND(0.000000053) ND(0.000000052) 1,2,3,4,7,8-HxCDD ND(0.000000051) ND(0.000000053) ND(0.000000052) 1,2,3,4,6,7,8-HxCDD ND(0.000000051) ND(0.000000053) ND(0.000000053) 1,2,3,4,6,7,8-HxCDD ND(0.000000070) ND(0.000000051) ND(0.000000053) ND(0.000000053) 1,2,3,4,6,7,8-HxCDD ND(0.000000070) ND(0.000000051) ND(0.000000053) ND(0.000000053) 1,2,3,4,6,7,8-HxCDD ND(0.00000070) ND(0.000000071) ND(0.000000070) ND(0.000000071)	Parameter	Sample ID: Date Collected:	GMA4-6 10/23/08	H78B-15 10/23/08	OPCA-MW-1RR 10/20/08	OPCA-MW-2R 10/20-10/21/08
Prenol ND(0.0053) ND(0.0053) ND(0.0053) ND(0.0053) Pyrene ND(0.0051) ND(0.0053) ND(0.0053) ND(0.0053) Pyrene ND(0.0051) ND(0.0053) ND(0.0053) ND(0.0053) Safrole ND(0.0051) ND(0.0053) ND(0.0053) ND(0.0053) Furans ND(0.010) ND(0.000000035) ND(0.000000035) ND(0.000000035) ND(0.000000035) 72.97 & FODF ND(0.0000000051) ND(0.0000000051) ND(0.0000000035) ND(0.00000000035) ND(0.0000000035) ND(0.000000035) ND(0.0000000035) ND(0.0000000030) ND(0.000000003	Semivolatile Or	ganics (continued)				
Pronamide ND(0.0051) ND(0.0051) ND(0.0053) ND(0.0051) ND(0.0053) Pyridne ND(0.0051) ND(0.0053) ND(0.0051) ND(0.0053) Stridle ND(0.0051) ND(0.0053) ND(0.0051) ND(0.0053) Thionazin ND(0.00000035) ND(0.00000035) ND(0.00000035) ND(0.000000035) 2.3,7.8 FCDF ND(0.000000035) ND(0.000000035) ND(0.000000035) ND(0.000000035) 2.3,4,7.8 FeCDF ND(0.0000000551) ND(0.000000051) ND(0.000000052) ND(0.000000052) 2.3,4,7.8 FeCDF ND(0.000000051) ND(0.000000051) ND(0.000000052) ND(0.000000052) 2.3,4,7.8 FeCDF ND(0.000000051) <t< td=""><td>Phenanthrene</td><td></td><td>ND(0.0051)</td><td>ND(0.0053)</td><td>ND(0.0051)</td><td>ND(0.0053)</td></t<>	Phenanthrene		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
Pyrene ND(0.0051) ND(0.0051) ND(0.0053) ND(0.0051) ND(0.0053) Safrole ND(0.0051) ND(0.0053) ND(0.0051) ND(0.0053) Furans ND(0.010) ND(0.0053) ND(0.0051) ND(0.0053) Safrac ND(0.00000030) ND(0.000000030) ND(0.000000030) ND(0.000000030) Safrac ND(0.00000035) ND(0.000000035) ND(0.000000035) ND(0.000000035) Safrac ND(0.000000035) ND(0.0000000055) ND(0.0000000055) ND(0.00						
Printline ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051) ND(0.0051) Thionazin ND(0.010) ND(0.010) ND(0.010) ND(0.00000035) ND(0.00000035) ND(0.00000035) ND(0.00000035) ND(0.000000035) ND(0.0000000035) ND(0.0000000053) ND(0.0000000053) ND(0.0000000035) ND(0.0000000053) ND(0.000000053)	Pronamide		ND(0.0051)	ND(0.0053)	ND(0.0051)	ND(0.0053)
Sartole ND(0.0051) ND(0.0051) ND(0.0051) ND(0.010) Furans ND(0.010) ND(0.010) ND(0.00000035) ND(0.000000035) ND(0.000000055) ND(0.0000000055) ND(0.0000000051) ND(0.0000000055) ND(0.0000000051)						
Thionazin ND(0.010) ND(0.010) ND(0.010) ND(0.010) ND(0.000000035) 2.3,7.8.7CDF ND(0.000000035) ND(0.000000035) ND(0.000000035) ND(0.000000035) ND(0.000000035) ND(0.000000035) ND(0.000000035) ND(0.000000035) ND(0.0000000053) ND(0.0000000051) ND(0.0000000	Pyridine			ND(0.0053)	ND(0.0051)	
Furans International and the second sec	Safrole					
2.3.7.8.7CDF ND(0.000000035) ND(0.0000000035) ND(0.000000035) ND(0.000000035) ND(0.000000035) ND(0.000000035) ND(0.000000035) ND(0.000000035) ND(0.0000000035) ND(0.000000035)	Thionazin		ND(0.010)	ND(0.011)	ND(0.010)	ND(0.011)
TCDFs (total) ND(0.000000035) ND(0.0000000035) ND(0.000000035) ND(0.000000035) ND(0.000000035) ND(0.000000035) ND(0.000000035) ND(0.000000035) ND(0.000000035) ND(0.000000035) ND(0.0000000035) ND(0.000000035)						
12.3.7.8-PeCDF ND(0.000000051) ND(0.000000052) ND(0.000000052) 2.3.4.7.8-PeCDF ND(0.000000051) ND(0.000000053) ND(0.000000055) ND(0.000000055) ND(0.000000055) ND(0.000000055) ND(0.000000055) ND(0.000000055) ND(0.000000055) ND(0.000000055) ND(0.000000053) ND(0.000000053) ND(0.000000053) ND(0.000000053) ND(0.000000053) ND(0.000000053) ND(0.000000055) ND(0.0000000053) ND(0.000000055)	2,3,7,8-TCDF		ND(0.000000035)	ND(0.000000030)	ND(0.000000035)	ND(0.000000036)
2.3.4.7.8-PeCDF ND(0.000000051) ND(0.000000051) ND(0.000000053) ND(0.000000053) PeGDFs (tota) ND(0.000000051) ND(0.000000053) ND(0.000000053) ND(0.000000053) ND(0.000000053) 1.2.3.6,7.8-HxCDF ND(0.000000051) ND(0.0000000551) ND(0.000000053) ND(0.000000053) ND(0.000000053) ND(0.000000053) ND(0.000000053) ND(0.000000053) ND(0.000000053) ND(0.0000000053) ND(0.0000000055) ND(0.0000000055) ND(0.0000000056) ND(0.0000000056) ND(0.0000000056) ND(0.0000000053) ND(0.000000053) ND(0.000000053) ND(0.000000053) ND(0.000000053) ND(0.000000053) ND(0.0000000053) ND(0.000000053) ND(0.	((ND(0.000000036)
PecDFs (dtai) ND(0.000000051) ND(0.000000051) ND(0.000000053) ND(0.0000000053) ND(0.000000053) ND(0.000000053) ND(0.000000053) ND(0.000000053) ND(0.000000053) ND(0.000000053) ND(0.000000053) ND(0.000000053) ND(0.000000053) </td <td>1,2,3,7,8-PeCDF</td> <td>=</td> <td>ND(0.000000051)</td> <td>ND(0.000000051)</td> <td>ND(0.000000053)</td> <td>ND(0.000000052)</td>	1,2,3,7,8-PeCDF	=	ND(0.000000051)	ND(0.000000051)	ND(0.000000053)	ND(0.000000052)
12.3.4.7.8-HxCbF ND(0.000000051) ND(0.000000053) ND(0.000000053) 12.3.6.7.8-HxCbF ND(0.000000051) ND(0.000000053) ND(0.000000053) ND(0.000000053) 12.3.6.7.8-HxCbF ND(0.000000051) ND(0.000000053) ND(0.000000053) ND(0.000000053) 12.3.4.7.8-HxCbF ND(0.000000051) ND(0.000000053) ND(0.000000053) ND(0.000000053) 1.2.3.4.6.7.8-HxCbF ND(0.000000051) ND(0.000000053) ND(0.000000053) ND(0.000000055) 1.2.3.4.6.7.8-HxCbF ND(0.000000058) ND(0.0000000053) ND(0.0000000055) ND(0.0000000055) 1.2.3.4.7.8-HxCbF ND(0.0000000058) ND(0.0000000051) ND(0.0000000055) ND(0.0000000055) 1.2.3.4.7.8-HxCbF ND(0.0000000053) ND(0.0000000051) ND(0.0000000052) ND(0.0000000052) 2.3.7.8-TxCbD ND(0.0000000051) ND(0.0000000052) ND(0.0000000052) ND(0.0000000052) 2.3.7.8-FxCDD ND(0.0000000051) ND(0.0000000051) ND(0.0000000053) ND(0.0000000052) 1.2.3.4.7.8-HxCDD ND(0.0000000051) ND(0.0000000053) ND(0.0000000053) ND(0.0000000052)	2,3,4,7,8-PeCDF	-	ND(0.000000051)	ND(0.000000051)	ND(0.000000053)	ND(0.000000052)
12.3.6.7.8-HxCDF ND(0.000000051) ND(0.000000053) ND(0.000000053) 12.3.7.8.9-HxCDF ND(0.000000051) ND(0.000000053) ND(0.000000053) ND(0.000000053) 12.3.4.6.7.8-HxCDF ND(0.000000051) ND(0.000000053) ND(0.000000053) ND(0.000000053) 12.3.4.6.7.8-HxCDF ND(0.000000051) ND(0.000000053) ND(0.000000053) ND(0.000000053) 12.3.4.7.8.9-HpCDF ND(0.000000058) ND(0.000000058) ND(0.000000055) ND(0.000000055) PhpCDFs ND(0.000000058) ND(0.000000051) ND(0.000000053) ND(0.000000055) Diotans	PeCDFs (total)		ND(0.000000051)	ND(0.000000051)	ND(0.000000053)	ND(0.000000052)
12.3.7.8.9-HxCDF ND(0.0000000051) ND(0.0000000052) ND(0.0000000053) ND(0.0000000053) 2.3.4.6,7.8-HxCDF ND(0.000000051) ND(0.0000000051) ND(0.0000000053) ND(0.0000000053) ND(0.0000000053) ND(0.0000000053) ND(0.0000000053) ND(0.0000000053) ND(0.0000000055) ND(0.0000000052) ND(0.0000000052) <t< td=""><td>1,2,3,4,7,8-HxCI</td><td>DF</td><td>ND(0.000000051)</td><td>ND(0.000000051)</td><td>ND(0.000000053)</td><td>ND(0.000000052)</td></t<>	1,2,3,4,7,8-HxCI	DF	ND(0.000000051)	ND(0.000000051)	ND(0.000000053)	ND(0.000000052)
2.3.4.6.7.8+HxCDF ND(0.000000051) ND(0.0000000053) ND(0.0000000053) HxCDFs (total) ND(0.000000051) ND(0.0000000051) ND(0.0000000053) ND(0.0000000052) HxCDFs (total) ND(0.000000051) ND(0.0000000051) ND(0.0000000053) ND(0.0000000055) HyCDFs (total) ND(0.000000058) ND(0.0000000051) ND(0.0000000055) ND(0.0000000055) DicDFs ND(0.0000000058) ND(0.0000000051) ND(0.0000000055) ND(0.0000000055) DicL ND(0.0000000033) ND(0.0000000033) ND(0.0000000032) ND(0.0000000032) TCDDs (total) ND(0.0000000051) ND(0.0000000051) ND(0.0000000032) ND(0.0000000052) PeCDDS (total) ND(0.0000000051) ND(0.0000000053) ND(0.0000000053) ND(0.0000000053) PeCDDS (total) ND(0.0000000051) ND(0.0000000053) ND(0.0000000053) ND(0.0000000053) 12.3.4.7.8+HxCDD ND(0.0000000051) ND(0.0000000053) ND(0.000000053) ND(0.000000053) 12.3.4.7.8+HxCDD ND(0.000000051) ND(0.000000053) ND(0.000000053) ND(0.000000053) 12.3.4.7.8+HxCDD	1,2,3,6,7,8-HxCI	DF	ND(0.000000051)	ND(0.000000051)	ND(0.000000053)	ND(0.000000052)
HxCDFs (total) ND(0.000000051) ND(0.000000053) ND(0.000000053) 1,2,3,4,6,7,8-HpCDF ND(0.000000051) ND(0.000000053) ND(0.000000053) ND(0.000000053) 1,2,3,4,7,8-HpCDF ND(0.000000058) ND(0.000000051) ND(0.000000055) ND(0.0000000055) 0,2,3,4,7,8-HpCDF ND(0.000000058) ND(0.000000051) ND(0.000000055) ND(0.0000000055) 0,2,3,7,8-TCDD ND(0.0000000033) ND(0.0000000023) ND(0.0000000032) ND(0.0000000032) 1,2,3,7,8-PcCDD ND(0.0000000051) ND(0.0000000053) ND(0.0000000053) ND(0.0000000053) 1,2,3,7,8-PcCDD ND(0.0000000051) ND(0.0000000053) ND(0.0000000053) ND(0.0000000053) 1,2,3,4,7,8-HxCDD ND(0.0000000051) ND(0.0000000053) ND(0.0000000053) ND(0.0000000052) 1,2,3,4,8-HxCDD ND(0.0000000051) ND(0.0000000053) ND(0.0000000053) ND(0.0000000053) 1,2,3,4,8-HxCDD ND(0.0000000051) ND(0.0000000053) ND(0.0000000053) ND(0.0000000053) 1,2,3,4,8,7,8-HxCDD ND(0.000000051) ND(0.000000053) ND(0.000000053) ND(0.000000053)	1,2,3,7,8,9-HxCI	DF	ND(0.000000051)	ND(0.000000051)	ND(0.000000053)	ND(0.000000052)
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12.3.4.7.8.9-HpCDF ND(0.000000055) ND(0.000000052) ND(0.000000032) ND(0.000000032) ND(0.000000052) ND(0.00	HxCDFs (total)		ND(0.000000051)	ND(0.000000051)		ND(0.000000052)
HpCDFs (total) ND(0.000000058) ND(0.000000051) ND(0.000000051) ND(0.000000051) OCDF ND(0.000000011) ND(0.000000013) ND(0.000000013) Dioxins 2.37.8-TCDD ND(0.000000033) ND(0.000000032) ND(0.000000032) ND(0.0000000032) TCDDs (total) ND(0.000000031) ND(0.0000000051) ND(0.0000000053) ND(0.0000000053) ND(0.0000000053) PeCDDS (total) ND(0.000000051) ND(0.0000000053) ND(0.0000000053) ND(0.0000000052) 1.2.3.4.7.8-HxCDD ND(0.0000000051) ND(0.0000000053) ND(0.0000000052) 1.2.3.4.7.8-HxCDD ND(0.0000000051) ND(0.0000000053) ND(0.0000000052) 1.2.3.4.7.8-HxCDD ND(0.0000000051) ND(0.0000000053) ND(0.0000000052) 1.2.3.4.7.8-HxCDD ND(0.0000000051) ND(0.0000000053) ND(0.0000000052) 1.2.3.4.6.7.8-HxCDD ND(0.0000000051) ND(0.0000000053) ND(0.000000052) 1.2.3.4.6.7.8-HxCDD ND(0.000000070) ND(0.000000051) ND(0.000000051) 1.2.3.4.6.7.8-HxCDD ND(0.000000070) ND(0.000000051) ND(0.000000071) <t< td=""><td>1,2,3,4,6,7,8-Hp</td><td>CDF</td><td>ND(0.000000051)</td><td>ND(0.000000051)</td><td>ND(0.000000053)</td><td>ND(0.000000052)</td></t<>	1,2,3,4,6,7,8-Hp	CDF	ND(0.000000051)	ND(0.000000051)	ND(0.000000053)	ND(0.000000052)
OCDF ND(0.00000016) ND(0.00000015) ND(0.00000013) Dioxins	1,2,3,4,7,8,9-Hp	CDF	ND(0.000000058)	ND(0.000000051)	ND(0.000000065)	ND(0.000000058)
Dioxins ND(0.000000033) ND(0.000000023) ND(0.000000032) ND(0.0000000032) ND(0.0000000032) ND(0.0000000053) ND(0.0000000053) ND(0.0000000052) ND(0.0000000053) ND(0.0000000052) ND(0.0000000053) ND(0.000000053) ND(0.0000000053) ND(0.00000000000000000000000000000000000	HpCDFs (total)		ND(0.000000058)	ND(0.000000051)	ND(0.000000065)	ND(0.000000058)
2.3,7,8-TCDD ND(0.000000033) ND(0.000000023) ND(0.000000032) ND(0.000000032) TCDDs (total) ND(0.000000033) ND(0.000000033) ND(0.000000032) ND(0.000000032) ND(0.000000032) 1,2,3,7,8-PeCDD ND(0.000000051) ND(0.000000051) ND(0.000000053) ND(0.000000052) 1,2,3,7,8-HxCDD ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) 1,2,3,7,8-HxCDD ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000052) 1,2,3,7,8-HxCDD ND(0.000000051) ND(0.000000051) ND(0.000000053) ND(0.000000052) 1,2,3,6,7,8-HxCDD ND(0.000000051) ND(0.000000051) ND(0.000000053) ND(0.000000052) 1,2,3,6,7,8-HxCDD ND(0.000000070) ND(0.000000051) ND(0.000000051) ND(0.000000051) 1,2,3,6,7,8-HxCDD ND(0.000000070) ND(0.000000051) ND(0.000000051) ND(0.000000051) 1,2,3,6,7,8-HxCDD ND(0.00000070 ND(0.000000072) 0.000000078 0.000000077 1,2,3,6,7,8-HxCDD ND(0.00000077 0.000000072 0.000000078 0.000000077 <t< td=""><td>OCDF</td><td></td><td>ND(0.00000016)</td><td>ND(0.00000011)</td><td>ND(0.00000015)</td><td>ND(0.00000013)</td></t<>	OCDF		ND(0.00000016)	ND(0.00000011)	ND(0.00000015)	ND(0.00000013)
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TCDDs (total) ND(0.000000033) ND(0.0000000032) ND(0.000000032) ND(0.000000033) ND(0.000000	2,3,7,8-TCDD		ND(0.000000033)	ND(0.000000023)	ND(0.000000032)	ND(0.000000032)
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Copper ND(0.200) J ND(0.200) J ND(0.200) J ND(0.200) J Cyanide-MADEP (PAC) ND(0.00600) ND(0.00600) ND(0.00600) ND(0.00600) Lead ND(0.0100) J ND(0.0100) J 0.00395 B J 0.00420 B J Mercury ND(0.00570) ND(0.000570) ND(0.000570) ND(0.000570) Nickel ND(0.0500) J ND(0.0500) J ND(0.0500) J ND(0.0200) J Selenium 0.00962 B J 0.00918 B J ND(0.0100) J ND(0.0100) J Silver ND(0.0100) J ND(0.0100) J ND(0.0100) J ND(0.0100) J Tin ND(0.100) J ND(0.0100) J ND(0.0100) J ND(0.0100) J Vanadium ND(0.0500) 0.00587 B ND(0.0500) ND(0.0500)	Chromium		ND(0.0100) J	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J
Cyanide-MADEP (PAC) ND(0.00600) ND(0.000570) ND(0.00395 B J 0.00420 B J J Mercury ND(0.000570) ND(0.0500) ND(0.0500) ND(0.0500) ND(0.0500) ND(0.0200) J ND(0.0200) J ND(0.0200) J ND(0.0100) ND(0.0100) ND(0.0100) ND(0.0100) J ND(0.0.0500)	Cobalt		ND(0.0100) J	ND(0.0100) J	ND(0.0100) J	ND(0.0100) J
Cyanide-MADEP (PAC) ND(0.00600) ND(0.000570) ND(0.00395 B J 0.00420 B J J Mercury ND(0.000570) ND(0.0500) ND(0.0500) ND(0.0500) ND(0.0500) ND(0.0200) J ND(0.0200) J ND(0.0200) J ND(0.0100) ND(0.0100) ND(0.0100) ND(0.0100) J ND(0.0.0500)	Copper					
Lead ND(0.0100) J ND(0.0100) J 0.00395 B J 0.00420 B J Mercury ND(0.000570) ND(0.000570) ND(0.000570) ND(0.000570) Nickel ND(0.0500) J ND(0.0500) J ND(0.0500) ND(0.0500) Selenium 0.00962 B J 0.00918 B J ND(0.0200) J ND(0.0200) J Silver ND(0.0100) J ND(0.0100) J ND(0.0100) ND(0.0100) Thallium 0.00784 B ND(0.0100) J ND(0.0100) J ND(0.0100) J Tin ND(0.100) J ND(0.100) J ND(0.100) J ND(0.0100) J Vanadium ND(0.0500) 0.00587 B ND(0.0500) ND(0.0500)	Cyanide-MADEF	P (PAC)		()		· · ·
Nickel ND(0.0500) J ND(0.0500) J ND(0.0500) J ND(0.0500) J Selenium 0.00962 B J 0.00918 B J ND(0.0200) J ND(0.0200) J Silver ND(0.0100) J ND(0.0100) J ND(0.0100) J ND(0.0100) Thallium 0.00784 B ND(0.0100) ND(0.0100) J ND(0.0100) J ND(0.0100) J Tin ND(0.100) J ND(0.100) J ND(0.100) J ND(0.100) J Vanadium ND(0.0500) 0.00587 B ND(0.0500) ND(0.0500)			(, , , , , , , , , , , , , , , , , , ,		0.00395 B J	0.00420 B J
Selenium 0.00962 B J 0.00918 B J ND(0.0200) J ND(0.0200) J Silver ND(0.0100) J ND(0.0100) J ND(0.0100) ND(0.0100) Thallium 0.00784 B ND(0.0100) J ND(0.0100) J ND(0.0100) J Tin ND(0.100) J ND(0.100) J ND(0.100) J ND(0.100) J Vanadium ND(0.0500) 0.00587 B ND(0.0500) ND(0.0500)	Mercury		ND(0.000570)	ND(0.000570)	ND(0.000570)	ND(0.000570)
Selenium 0.00962 B J 0.00918 B J ND(0.0200) J ND(0.0200) J Silver ND(0.0100) J ND(0.0100) J ND(0.0100) ND(0.0100) Thallium 0.00784 B ND(0.0100) J ND(0.0100) J ND(0.0100) J Tin ND(0.100) J ND(0.100) J ND(0.100) J ND(0.100) J Vanadium ND(0.0500) 0.00587 B ND(0.0500) ND(0.0500)			ND(0.0500) J	ND(0.0500) J	ND(0.0500)	ND(0.0500)
Silver ND(0.0100) J ND(0.0100) J ND(0.0100) ND(0.0100) Thallium 0.00784 B ND(0.0100) ND(0.0100) J ND(0.0100) J Tin ND(0.100) J ND(0.100) J ND(0.100) J ND(0.100) J Vanadium ND(0.0500) 0.00587 B ND(0.0500) ND(0.0500)						ND(0.0200) J
Thallium 0.00784 B ND(0.0100) ND(0.0100) J ND(0.0100) J Tin ND(0.100) J ND(0.100) J ND(0.100) J ND(0.100) J Vanadium ND(0.0500) 0.00587 B ND(0.0500) ND(0.0500)						
Tin ND(0.100) J ND(0.100) J ND(0.100) J ND(0.100) J Vanadium ND(0.0500) 0.00587 B ND(0.0500) ND(0.0500)			, , , , , , , , , , , , , , , , , , ,		(,	
Vanadium ND(0.0500) 0.00587 B ND(0.0500) ND(0.0500)						
						ND(0.0500)
					ND(0.0500)	()

Parameter	Sample ID: Date Collected:	OPCA-MW-3 10/22/08	OPCA-MW-4 10/20/08	OPCA-MW-5R 10/21/08
Volatile Organic	s			
1,1,1,2-Tetrachlo	proethane	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,1-Trichloroet	hane	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2,2-Tetrachlo	proethane	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1,2-Trichloroet	hane	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1-Dichloroetha	ne	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1-Dichloroethe	ne	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2,3-Trichloropr	opane	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dibromo-3-cl	hloropropane	ND(0.0050) J	ND(0.0050) J	ND(0.0050) J
1,2-Dibromoetha		ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloroetha	ne	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,2-Dichloroprop	ane	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,4-Dioxane		ND(0.10) J	ND(0.10) J	ND(0.10) J
2-Butanone		ND(0.0050) J	ND(0.0050) J	ND(0.0050) J
2-Chloro-1,3-but	adiene	ND(0.0010)	ND(0.0010)	ND(0.0010)
2-Chloroethylvin		ND(0.013) J	ND(0.013) J	ND(0.013) J
2-Hexanone	,	ND(0.0050) J	ND(0.0050)	ND(0.0050)
3-Chloropropene)	ND(0.0010)	ND(0.0010)	ND(0.0010)
4-Methyl-2-penta		ND(0.0050)	ND(0.0050)	ND(0.0050)
Acetone	-	ND(0.0050) J	ND(0.0050) J	ND(0.0050) J
Acetonitrile		ND(0.020) J	ND(0.020) J	ND(0.020) J
Acrolein		ND(0.025) J	ND(0.025) J	ND(0.025) J
Acrylonitrile		ND(0.025) J	ND(0.025) J	ND(0.025) J
Benzene		ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromodichlorom	ethane	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromoform	etriarie	ND(0.0010)	ND(0.0010)	ND(0.0010)
Bromomethane		ND(0.0010)	ND(0.0010) J	ND(0.0010) J
Carbon Disulfide		ND(0.0010)	ND(0.0010)	ND(0.0010)
Carbon Tetrachlo		ND(0.0010)	ND(0.0010)	ND(0.0010)
Chlorobenzene	Jilue	ND(0.0010)	0.00017 J	0.00011 J
Chloroethane		ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloroform		ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloromethane		ND(0.0010)	ND(0.0010)	ND(0.0010)
	ronono	ND(0.0010)	ND(0.0010)	ND(0.0010)
cis-1,3-Dichlorop Dibromochlorom		ND(0.0010)	ND(0.0010)	ND(0.0010)
Dibromomethane		ND(0.0010)	ND(0.0010)	ND(0.0010)
Dichlorodifluoron		ND(0.0010)	ND(0.0010)	ND(0.0010)
		ND(0.0010)	ND(0.0010)	ND(0.0010)
Ethyl Methacryla Ethylbenzene	le	ND(0.0010)	ND(0.0010)	ND(0.0010)
lodomethane		ND(0.0010)	ND(0.0010)	ND(0.0010)
Isobutanol		1 /		. ,
Methacrylonitrile		ND(0.050) J ND(0.010)	ND(0.050) J ND(0.010) J	ND(0.050) J ND(0.010) J
Methyl Methacry		ND(0.0010)	ND(0.0010) 3	ND(0.010) J ND(0.0010)
,				
Methylene Chlori Propionitrile		ND(0.0050) ND(0.020) J	ND(0.0050) ND(0.020) J	0.00022 J ND(0.020) J
		ND(0.020) J ND(0.0010)	ND(0.020) J ND(0.0010)	
Styrene		()		ND(0.0010)
Tetrachloroether		ND(0.0010)	ND(0.0010)	ND(0.0010)
Toluene	raathana	ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,2-Dichlor		ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,3-Dichlor		ND(0.0010)	ND(0.0010)	ND(0.0010)
trans-1,4-Dichlor	o-∠-butene	ND(0.0050) J	ND(0.0050) J	ND(0.0050) J
Trichloroethene		ND(0.0010)	0.0016	ND(0.0010)
Trichlorofluorom	etnane	ND(0.0010)	ND(0.0010) J	ND(0.0010) J
Vinyl Acetate		ND(0.0025)	ND(0.0025)	ND(0.0025)
Vinyl Chloride		ND(0.0010)	ND(0.0010) J	ND(0.0010) J
Xylenes (total)		ND(0.0010)	ND(0.0010)	ND(0.0010)
Total VOCs		ND(0.10)	0.0018 J	0.00033 J

Parameter	Sample ID: Date Collected:	OPCA-MW-3 10/22/08	OPCA-MW-4 10/20/08	OPCA-MW-5R
PCBs-Filtered	Date Collected:	10/22/06	10/20/06	10/21/08
Aroclor-1016		ND(0.00011)	ND(0.000070) J	ND(0.000069) J
Aroclor-1221		ND(0.00011)	ND(0.000070) J	ND(0.000069) J
Aroclor-1221 Aroclor-1232			ND(0.000070) J	ND(0.000069) J
		ND(0.00011)	(
Aroclor-1242		ND(0.00011)	ND(0.000070) J	ND(0.000069) J
Aroclor-1248		ND(0.00011)	ND(0.000070) J	ND(0.000069) J
Aroclor-1254		ND(0.00011)	ND(0.000070) J	ND(0.000069) J
Aroclor-1260		ND(0.00011)	ND(0.000070) J	ND(0.000069) J
Total PCBs		ND(0.00011)	ND(0.000070) J	ND(0.000069) J
Semivolatile Org				
1,2,4,5-Tetrachlor		ND(0.0054)	ND(0.0052)	ND(0.0052)
1,2,4-Trichlorober		ND(0.0054)	ND(0.0052)	ND(0.0052)
1,2-Dichlorobenze		ND(0.0054)	ND(0.0052)	ND(0.0052)
1,2-Diphenylhydra		ND(0.0054)	ND(0.0052)	ND(0.0052)
1,3,5-Trinitrobenz		ND(0.027)	ND(0.026)	ND(0.026)
1,3-Dichlorobenze		ND(0.0054)	ND(0.0052)	ND(0.0052)
1,3-Dinitrobenzen		ND(0.0054)	ND(0.0052)	ND(0.0052)
1,4-Dichlorobenze		ND(0.0054)	ND(0.0052)	ND(0.0052)
I,4-Naphthoquino	ne	ND(0.0054)	ND(0.0052)	ND(0.0052)
1-Naphthylamine		ND(0.027)	ND(0.026) J	ND(0.026) J
2,3,4,6-Tetrachlor		ND(0.0054)	ND(0.0052)	ND(0.0052)
2,4,5-Trichlorophe	enol	ND(0.0054)	ND(0.0052)	ND(0.0052)
2,4,6-Trichlorophe	enol	ND(0.0054)	ND(0.0052)	ND(0.0052)
2,4-Dichloropheno	bl	ND(0.0054)	ND(0.0052)	ND(0.0052)
2,4-Dimethylphen	ol	ND(0.0054)	ND(0.0052)	ND(0.0052)
2,4-Dinitrophenol		ND(0.027)	ND(0.026)	ND(0.026)
2,4-Dinitrotoluene		ND(0.0054)	ND(0.0052)	ND(0.0052)
2,6-Dichloropheno	bl	ND(0.0054)	ND(0.0052)	ND(0.0052)
2,6-Dinitrotoluene		ND(0.0054)	ND(0.0052)	ND(0.0052)
2-Acetylaminofluo	rene	ND(0.011)	ND(0.010)	ND(0.010)
2-Chloronaphthale		ND(0.0054)	ND(0.0052)	ND(0.0052)
2-Chlorophenol		ND(0.0054)	ND(0.0052)	ND(0.0052)
2-Methylnaphthale	ene	ND(0.0054)	ND(0.0052)	ND(0.0052)
2-Methylphenol		ND(0.0054)	ND(0.0052)	ND(0.0052)
2-Naphthylamine		ND(0.027)	ND(0.026) J	ND(0.026) J
2-Nitroaniline		ND(0.0054)	ND(0.0052)	ND(0.0052)
2-Nitrophenol		ND(0.0054)	ND(0.0052)	ND(0.0052)
2-Picoline		ND(0.0054)	ND(0.0052)	ND(0.0052)
3&4-Methylpheno	1	ND(0.0054)	ND(0.0052)	ND(0.0052)
3.3'-Dichlorobenzi		ND(0.011)	ND(0.0032)	ND(0.0032)
3,3'-Dimethylbenz		ND(0.027)	ND(0.026)	ND(0.026)
3-Methylcholanthr		ND(0.027)	ND(0.0052)	ND(0.0052)
B-Nitroaniline	ene	ND(0.0054)	ND(0.0052)	ND(0.0052) ND(0.026)
4,6-Dinitro-2-meth	winhonol	ND(0.027)	ND(0.026)	ND(0.026)
	iyipnenoi	()	()	()
4-Aminobiphenyl		ND(0.0054)	ND(0.0052)	ND(0.0052)
4-Bromophenyl-pl	/	ND(0.0054)	ND(0.0052)	ND(0.0052)
4-Chloro-3-Methy	ipnenoi	ND(0.0054)	ND(0.0052)	ND(0.0052)
4-Chloroaniline		ND(0.027)	ND(0.026)	ND(0.026)
1-Chlorobenzilate		ND(0.0054)	ND(0.0052)	ND(0.0052)
1-Chlorophenyl-pl	nenylether	ND(0.0054)	ND(0.0052)	ND(0.0052)
1-Nitroaniline		ND(0.027)	ND(0.026)	ND(0.026)
1-Nitrophenol		ND(0.027)	ND(0.026)	ND(0.026)
1-Nitroquinoline-1		ND(0.027)	ND(0.026) J	ND(0.026) J
1-Phenylenediam		ND(0.011)	ND(0.010) J	ND(0.010) J
5-Nitro-o-toluidine		ND(0.0054)	ND(0.0052)	ND(0.0052)
7,12-Dimethylben		ND(0.0054)	ND(0.0052)	ND(0.0052)
	nethylamine	ND(0.027) J	ND(0.026) J	ND(0.026) J
a,a'-Dimethylpher	,			
a,a'-Dimethylpher Acenaphthene Acenaphthylene		ND(0.0054) ND(0.0054)	ND(0.0052)	ND(0.0052) ND(0.0052)

Parameter	Sample ID: Date Collected:	OPCA-MW-3 10/22/08	OPCA-MW-4 10/20/08	OPCA-MW-5R 10/21/08
Semivolatile Orga	anics (continued)			
Acetophenone		ND(0.0054)	ND(0.0052)	ND(0.0052)
Aniline		ND(0.0054)	ND(0.0052)	ND(0.0052)
Anthracene		ND(0.0054)	ND(0.0052)	ND(0.0052)
Aramite		ND(0.0054)	ND(0.0052)	ND(0.0052)
Benzidine		ND(0.011)	ND(0.010)	ND(0.010)
Benzo(a)anthrace	ne	ND(0.0054)	ND(0.0052)	ND(0.0052)
Benzo(a)pyrene		ND(0.0054)	ND(0.0052)	ND(0.0052)
Benzo(b)fluoranthe		ND(0.0054)	ND(0.0052)	ND(0.0052)
Benzo(g,h,i)peryle		ND(0.0054)	ND(0.0052)	ND(0.0052)
Benzo(k)fluoranthe	ene	ND(0.0054)	ND(0.0052)	ND(0.0052)
Benzyl Alcohol)	ND(0.011)	ND(0.010)	ND(0.010)
bis(2-Chloroethoxy		ND(0.0054)	ND(0.0052)	ND(0.0052)
bis(2-Chloroethyl)		ND(0.0054)	ND(0.0052)	ND(0.0052)
bis(2-Chloroisopro		ND(0.0054)	ND(0.0052)	ND(0.0052)
bis(2-Ethylhexyl)pl		ND(0.0054)	ND(0.0052)	ND(0.0052)
Butylbenzylphthala	ate	ND(0.0054)	ND(0.0052)	ND(0.0052)
Chrysene		ND(0.0054)	ND(0.0052)	ND(0.0052)
Diallate		ND(0.0054)	ND(0.0052)	ND(0.0052)
Dibenzo(a,h)anthr	acene	ND(0.0054)	ND(0.0052)	ND(0.0052)
Dibenzofuran		ND(0.0054)	ND(0.0052)	ND(0.0052)
Diethylphthalate		ND(0.0054)	ND(0.0052)	ND(0.0052)
Dimethylphthalate		ND(0.0054)	ND(0.0052)	ND(0.0052)
Di-n-Butylphthalat		ND(0.0054)	ND(0.0052)	ND(0.0052)
Di-n-Octylphthalat	e	ND(0.0054)	ND(0.0052)	ND(0.0052)
Diphenylamine		ND(0.0054)	ND(0.0052)	ND(0.0052)
Ethyl Methanesulf	onate	ND(0.0054)	ND(0.0052)	ND(0.0052)
Fluoranthene		ND(0.0054)	ND(0.0052)	ND(0.0052)
Fluorene		ND(0.0054)	ND(0.0052)	ND(0.0052)
Hexachlorobenzer Hexachlorobutadie		ND(0.0054)	ND(0.0052)	ND(0.0052)
		ND(0.0054) ND(0.011) J	ND(0.0052) ND(0.010) J	ND(0.0052)
Hexachlorocyclope Hexachloroethane		ND(0.011) 3 ND(0.0054)	ND(0.010) J ND(0.0052)	ND(0.010) J ND(0.0052)
Hexachlorophene		ND(0.0054) J	ND(0.0052) J	ND(0.0052) ND(0.0052) J
Hexachloropropen	0	ND(0.0034) 3	ND(0.0032) 3	ND(0.0032) 3
Indeno(1,2,3-cd)py		ND(0.0054)	ND(0.0052)	ND(0.0052)
Isodrin	viene	ND(0.0054)	ND(0.0052)	ND(0.0052)
Isophorone		ND(0.0054)	ND(0.0052)	ND(0.0052)
Isosafrole		ND(0.0054)	ND(0.0052)	ND(0.0052)
Methapyrilene		ND(0.0054) J	ND(0.0052) J	ND(0.0052) J
Methyl Methanesu	lfonate	ND(0.0054)	ND(0.0052)	ND(0.0052)
Naphthalene		ND(0.0054)	ND(0.0052)	ND(0.0052)
Nitrobenzene		ND(0.0054)	ND(0.0052)	ND(0.0052)
N-Nitrosodiethylan	nine	ND(0.0054)	ND(0.0052)	ND(0.0052)
N-Nitrosodimethyla		ND(0.0054)	ND(0.0052)	ND(0.0052)
N-Nitroso-di-n-but	ylamine	ND(0.0054)	ND(0.0052)	ND(0.0052)
N-Nitroso-di-n-pro		ND(0.0054)	ND(0.0052)	ND(0.0052)
N-Nitrosomethylet	hylamine	ND(0.0054)	ND(0.0052)	ND(0.0052)
N-Nitrosomorpholi		ND(0.0054)	ND(0.0052)	ND(0.0052)
N-Nitrosopiperidin		ND(0.0054)	ND(0.0052)	ND(0.0052)
N-Nitrosopyrrolidir		ND(0.0054)	ND(0.0052)	ND(0.0052)
o,o,o-Triethylphos	phorothioate	ND(0.0054)	ND(0.0052)	ND(0.0052)
o-Toluidine		ND(0.0054)	ND(0.0052)	ND(0.0052)
p-Dimethylaminoa	zobenzene	ND(0.0054)	ND(0.0052)	ND(0.0052)
Pentachlorobenze		ND(0.0054)	ND(0.0052)	ND(0.0052)
Pentachloroethane	9	ND(0.0054)	ND(0.0052)	ND(0.0052)
Pentachloronitrobe	enzene	ND(0.0054)	ND(0.0052)	ND(0.0052)
Pentachloropheno	1	ND(0.027)	ND(0.026)	ND(0.026)
Phenacetin		ND(0.0054)	ND(0.0052)	ND(0.0052)

Parameter	Sample ID: Date Collected:	OPCA-MW-3 10/22/08	OPCA-MW-4 10/20/08	OPCA-MW-5R 10/21/08
Semivolatile Orga	nics (continued)			
Phenanthrene		ND(0.0054)	ND(0.0052)	ND(0.0052)
Phenol		ND(0.0054)	ND(0.0052)	ND(0.0052)
Pronamide		ND(0.0054)	ND(0.0052)	ND(0.0052)
Pyrene		ND(0.0054)	ND(0.0052)	ND(0.0052)
Pyridine		ND(0.0054)	ND(0.0052)	ND(0.0052)
Safrole		ND(0.0054)	ND(0.0052)	ND(0.0052)
Thionazin		ND(0.011)	ND(0.010)	ND(0.010)
Furans				
2,3,7,8-TCDF		ND(0.000000048)	0.000000068 YJ	ND(0.000000044)
TCDFs (total)		ND(0.000000048)	0.00000042	0.00000018
1,2,3,7,8-PeCDF		ND(0.000000054)	0.00000010 J	ND(0.000000052)
2,3,4,7,8-PeCDF		ND(0.000000054)	0.000000067 J	ND(0.000000052)
PeCDFs (total)		ND(0.000000054)	0.0000027	0.000000023
1,2,3,4,7,8-HxCDF		ND(0.000000054)	ND(0.000000053)	ND(0.000000052)
1,2,3,6,7,8-HxCDF		ND(0.000000054)	ND(0.000000053)	ND(0.000000052)
1,2,3,7,8,9-HxCDF		ND(0.000000054)	ND(0.000000053)	ND(0.000000052)
2,3,4,6,7,8-HxCDF		ND(0.000000054)	ND(0.000000053)	ND(0.000000052)
HxCDFs (total)		ND(0.000000054)	0.00000020	0.000000020
1,2,3,4,6,7,8-HpCE		ND(0.000000059)	ND(0.000000053)	ND(0.000000052)
1,2,3,4,7,8,9-HpCE	0F	ND(0.000000076)	ND(0.000000055)	ND(0.000000057)
HpCDFs (total)		ND(0.000000076)	ND(0.000000055)	ND(0.000000057)
OCDF		ND(0.00000025)	ND(0.00000016)	ND(0.00000014)
Dioxins				
2,3,7,8-TCDD		ND(0.000000043)	ND(0.000000026)	ND(0.000000033)
TCDDs (total)		ND(0.000000043)	ND(0.000000026)	ND(0.000000033)
1,2,3,7,8-PeCDD		ND(0.000000054)	ND(0.000000053)	ND(0.000000052)
PeCDDs (total)		ND(0.000000054)	ND(0.000000053)	ND(0.000000052)
1,2,3,4,7,8-HxCDD		ND(0.000000054)	ND(0.000000053)	ND(0.000000052)
1,2,3,6,7,8-HxCDD		ND(0.000000054)	ND(0.000000053)	ND(0.000000052)
1,2,3,7,8,9-HxCDD		ND(0.000000054)	ND(0.000000053)	ND(0.000000052)
HxCDDs (total)		ND(0.000000054)	ND(0.000000053)	ND(0.000000052)
1,2,3,4,6,7,8-HpCE	D	ND(0.00000012)	ND(0.000000081)	ND(0.000000052)
HpCDDs (total)		ND(0.00000012)	ND(0.000000081)	ND(0.000000052)
OCDD		ND(0.00000030)	ND(0.00000018)	ND(0.00000015)
Total TEQs (WHO		0.000000086	0.00000010	0.000000078
Inorganics-Unfilte	red			
Sulfide		ND(1.00)	1.20	1.00
Inorganics-Filtere	d			
Antimony		ND(0.0400)	ND(0.0400)	ND(0.0400)
Arsenic		ND(0.0100) J	ND(0.0100) J	ND(0.0100) J
Barium		0.0519 B	0.0253 B	0.0538 B
Beryllium		ND(0.0100) J	ND(0.0100) J	ND(0.0100) J
Cadmium		ND(0.00500) J	0.00276 B J	ND(0.00500) J
Chromium		ND(0.0100) J	ND(0.0100) J	ND(0.0100) J
Cobalt		ND(0.0100) J	ND(0.0100) J	ND(0.0100) J
Copper		ND(0.200) J	ND(0.200) J	ND(0.200) J
Cyanide-MADEP (I	PAC)	ND(0.00600)	ND(0.00600)	ND(0.00600)
Lead		0.00564 B J	0.00425 B J	0.00657 B J
Mercury		ND(0.000570)	ND(0.000570)	ND(0.000570)
Nickel		ND(0.0500)	ND(0.0500)	ND(0.0500)
Selenium		ND(0.0200) J	ND(0.0200) J	ND(0.0200) J
Silver		ND(0.0100)	ND(0.0100)	ND(0.0100)
Thallium		ND(0.0100) J	ND(0.0100) J	ND(0.0100) J
Tin		ND(0.100) J	ND(0.100) J	ND(0.100) J
Vanadium		ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc		ND(0.0000)	ND(0.0000)	0.0106 B

Parameter	Sample ID: Date Collected:	OPCA-MW-6 10/21/08	OPCA-MW-7 10/21/08	OPCA-MW-8 10/22/08
Volatile Organi	cs			
1,1,1,2-Tetrachle	proethane	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,1,1-Trichloroet	hane	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,1,2,2-Tetrachle	oroethane	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,1,2-Trichloroet	hane	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,1-Dichloroetha	ine	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,1-Dichloroethe	ene	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,2,3-Trichloropr	ropane	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,2-Dibromo-3-c	hloropropane	ND(0.0050) J [ND(0.0050) J]	ND(0.0050) J	ND(0.0050) J
1,2-Dibromoetha	ane	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,2-Dichloroetha	ine	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,2-Dichloroprop	bane	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
1,4-Dioxane		ND(0.10) J [ND(0.10) J]	ND(0.10) J	ND(0.10) J
2-Butanone		ND(0.0050) J [ND(0.0050) J]	ND(0.0050) J	ND(0.0050) J
2-Chloro-1,3-but	adiene	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
2-Chloroethylvin	ylether	ND(0.013) J [ND(0.013) J]	ND(0.013) J	ND(0.013) J
2-Hexanone		ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050) J
3-Chloropropene	Э	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
4-Methyl-2-penta	anone	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Acetone		ND(0.0050) J [ND(0.0050) J]	ND(0.0050) J	ND(0.0050) J
Acetonitrile		ND(0.020) J [ND(0.020) J]	ND(0.020) J	ND(0.020) J
Acrolein		ND(0.025) J [ND(0.025) J]	ND(0.025) J	ND(0.025) J
Acrylonitrile		ND(0.025) J [ND(0.025) J]	ND(0.025) J	ND(0.025) J
Benzene		ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Bromodichlorom	ethane	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Bromoform		ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Bromomethane		ND(0.0010) J [ND(0.0010) J]	ND(0.0010) J	ND(0.0010)
Carbon Disulfide)	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Carbon Tetrachl	oride	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Chlorobenzene		ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Chloroethane		ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Chloroform		ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Chloromethane		ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
cis-1,3-Dichlorop	propene	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Dibromochlorom	lethane	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Dibromomethan	е	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Dichlorodifluoror	nethane	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Ethyl Methacryla	ate	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Ethylbenzene		ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
lodomethane		ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Isobutanol		ND(0.050) J [ND(0.050) J]	ND(0.050) J	ND(0.050) J
Methacrylonitrile		ND(0.010) J [ND(0.010) J]	ND(0.010) J	ND(0.010)
Methyl Methacry	late	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Methylene Chlor	ide	ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Propionitrile		ND(0.020) J [ND(0.020) J]	ND(0.020) J	ND(0.020) J
Styrene		ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Tetrachloroether	ne	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Toluene		ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
trans-1,2-Dichlor	roethene	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
trans-1,3-Dichlor	ropropene	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
trans-1,4-Dichlor	ro-2-butene	ND(0.0050) J [ND(0.0050) J]	ND(0.0050) J	ND(0.0050) J
Trichloroethene		ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Trichlorofluorom	ethane	ND(0.0010) J [ND(0.0010) J]	ND(0.0010) J	ND(0.0010)
Vinyl Acetate		ND(0.0025) [ND(0.0025)]	ND(0.0025)	ND(0.0025)
Vinyl Chloride		ND(0.0010) J [ND(0.0010) J]	ND(0.0010) J	ND(0.0010)
Xylenes (total)		ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Total VOCs		ND(0.10) [ND(0.10)]	ND(0.10)	ND(0.10)
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Parameter	Sample ID: Date Collected:	OPCA-MW-6 10/21/08	OPCA-MW-7 10/21/08	OPCA-MW-8 10/22/08
PCBs-Filtered				
Aroclor-1016		ND(0.00011) J [ND(0.000068) J]	ND(0.000067) J	ND(0.00010)
Aroclor-1221		ND(0.00011) J [ND(0.000068) J]	ND(0.000067) J	ND(0.00010)
Aroclor-1232		ND(0.00011) J [ND(0.000068) J]	ND(0.000067) J	ND(0.00010)
Aroclor-1242		ND(0.00011) J [ND(0.000068) J]	ND(0.000067) J	ND(0.00010)
Aroclor-1248		ND(0.00011) J [ND(0.000068) J]	ND(0.000067) J	ND(0.00010)
Aroclor-1254		ND(0.00011) J [ND(0.000068) J]	ND(0.000067) J	ND(0.00010)
Aroclor-1260		ND(0.00011) J [ND(0.000068) J]	ND(0.000067) J	ND(0.00010)
Total PCBs		ND(0.00011) J [ND(0.000068) J]	ND(0.000067) J	ND(0.00010)
Semivolatile O	rganics	ND(0.00011) 3 [ND(0.000000) 3]	110(0.000007)3	ND(0.00010)
1,2,4,5-Tetrachl		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
1,2,4-Trichlorob		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
1.2-Dichloroben		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
,				
1,2-Diphenylhyc		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
1,3,5-Trinitrober		ND(0.026) [ND(0.026)]	ND(0.026)	ND(0.026)
1,3-Dichloroben		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
1,3-Dinitrobenze		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
1,4-Dichloroben		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
1,4-Naphthoquir		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
1-Naphthylamin		ND(0.026) J [ND(0.026) J]	ND(0.026) J	ND(0.026)
2,3,4,6-Tetrachl		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
2,4,5-Trichlorop		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
2,4,6-Trichlorop		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
2,4-Dichlorophe		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
2,4-Dimethylphe		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
2,4-Dinitrophene		ND(0.026) [ND(0.026)]	ND(0.026)	ND(0.026)
2,4-Dinitrotoluer		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
2,6-Dichlorophe		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
2,6-Dinitrotoluer		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
2-Acetylaminoflu		ND(0.011) [ND(0.010)]	ND(0.010)	ND(0.010)
2-Chloronaphtha	alene	ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
2-Chlorophenol		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
2-Methylnaphtha	alene	ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
2-Methylphenol		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
2-Naphthylamin	e	ND(0.026) J [ND(0.026) J]	ND(0.026) J	ND(0.026)
2-Nitroaniline		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
2-Nitrophenol		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
2-Picoline		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
3&4-Methylpher	nol	ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
3,3'-Dichlorober	nzidine	ND(0.011) [ND(0.010)]	ND(0.010)	ND(0.010)
3,3'-Dimethylber	nzidine	ND(0.026) [ND(0.026)]	ND(0.026)	ND(0.026)
3-Methylcholant	hrene	ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
3-Nitroaniline		ND(0.026) [ND(0.026)]	ND(0.026)	ND(0.026)
4,6-Dinitro-2-me	ethylphenol	ND(0.026) [ND(0.026)]	ND(0.026)	ND(0.026)
4-Aminobipheny		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
4-Bromophenyl-		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
4-Chloro-3-Meth		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
4-Chloroaniline		ND(0.026) [ND(0.026)]	ND(0.026)	ND(0.026)
4-Chlorobenzila	te	ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
4-Chlorophenyl-		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
4-Nitroaniline	, ,	ND(0.026) [ND(0.026)]	ND(0.026)	ND(0.026)
4-Nitrophenol		ND(0.026) [ND(0.026)]	ND(0.026)	ND(0.026)
4-Nitroguinoline	-1-oxide	ND(0.026) J [ND(0.026) J]	ND(0.026) J	ND(0.026)
4-Phenylenedia		ND(0.011) J [ND(0.010) J]	ND(0.010) J	ND(0.010)
5-Nitro-o-toluidir		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
	enz(a)anthracene	ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
a,a'-Dimethylph		ND(0.026) J [ND(0.026) J]	ND(0.0052) ND(0.026) J	ND(0.0051)
Acenaphthene		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.020) 3
Acenaphthylene	<u>`</u>	ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
	,	ND(0.0032) [ND(0.0032)]	ND(0.0032)	ND(0.0031)

Parameter	Sample ID: Date Collected:	OPCA-MW-6 10/21/08	OPCA-MW-7 10/21/08	OPCA-MW-8 10/22/08
Semivolatile Or	rganics (continued)			
Acetophenone		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Aniline		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Anthracene		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Aramite		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Benzidine		ND(0.011) [ND(0.010)]	ND(0.010)	ND(0.010)
Benzo(a)anthrac	cene	ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Benzo(a)pyrene		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Benzo(b)fluoran		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Benzo(g,h,i)pery		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Benzo(k)fluoran	thene	ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Benzyl Alcohol)	ND(0.011) [ND(0.010)]	ND(0.010)	ND(0.010)
bis(2-Chloroetho		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
bis(2-Chloroethy	/I)ether	ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
bis(2-Chloroisop		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
bis(2-Ethylhexyl		ND(0.0052) [ND(0.0052)]	ND(0.0052)	0.00087 J
Butylbenzylphth	alale	ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Chrysene		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Diallate	bracana	ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Dibenzo(a,h)ant	niacene	ND(0.0052) [ND(0.0052)] ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Dibenzofuran			ND(0.0052)	ND(0.0051)
Diethylphthalate		ND(0.0052) [ND(0.0052)]	ND(0.0052) ND(0.0052)	ND(0.0051)
Dimethylphthala Di-n-Butylphthal		ND(0.0052) [ND(0.0052)] ND(0.0052) [ND(0.0052)]	ND(0.0052) ND(0.0052)	ND(0.0051) ND(0.0051)
Di-n-Butylphthal		ND(0.0052) [ND(0.0052)] ND(0.0052) [ND(0.0052)]	, ,	
Diphenylamine	ate	ND(0.0052) [ND(0.0052)] ND(0.0052) [ND(0.0052)]	ND(0.0052) ND(0.0052)	ND(0.0051) ND(0.0051)
Ethyl Methanesu	ulfonato	ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Fluoranthene	ullonale	ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Fluorene		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Hexachlorobenz	zene	ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Hexachlorobuta		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Hexachlorocyclo		ND(0.011) J [ND(0.010) J]	ND(0.010) J	ND(0.010) J
Hexachloroetha		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Hexachloropher		ND(0.0052) J [ND(0.0052) J]	ND(0.0052) J	ND(0.0051) J
Hexachloroprop		ND(0.011) [ND(0.010)]	ND(0.010)	ND(0.010)
Indeno(1,2,3-cd)		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Isodrin	/- / · · · · ·	ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Isophorone		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Isosafrole		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Methapyrilene		ND(0.0052) J [ND(0.0052) J]	ND(0.0052) J	ND(0.0051) J
Methyl Methane	sulfonate	ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Naphthalene		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Nitrobenzene		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
N-Nitrosodiethyl	amine	ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
N-Nitrosodimeth		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
N-Nitroso-di-n-b		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
N-Nitroso-di-n-p		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
N-Nitrosomethyl		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
N-Nitrosomorph		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
N-Nitrosopiperid		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
N-Nitrosopyrroli		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
o,o,o-Triethylpho	osphorothioate	ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
o-Toluidine		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
p-Dimethylamine		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Pentachloroben		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Pentachloroetha		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Pentachloronitro		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Pentachlorophe		ND(0.026) [ND(0.026)]	ND(0.026)	ND(0.026)
Phenacetin		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)

Prenal ND(0.0052) IND(0.0052) ND(0.0051) Prenamide ND(0.0051) Pyrene ND(0.0052) IND(0.0052) ND(0.0051) ND(0.0051) Pyrene ND(0.0052) IND(0.0052) ND(0.0052) ND(0.0051) Safrole ND(0.0052) IND(0.0052) ND(0.0052) ND(0.0052) Safrole ND(0.0052) IND(0.0052) ND(0.0052) ND(0.0051) Furans Thonazin ND(0.00000013) IND(0.000000053) ND(0.000000053) 2.7,8 -TCDF 0.00000000053) IND(0.0000000053) ND(0.0000000053) ND(0.0000000053) 2.3,4,7,8 -FeCDF ND(0.00000000000000000000000000000000000	Parameter	Sample ID: Date Collected:	OPCA-MW-6 10/21/08	OPCA-MW-7 10/21/08	OPCA-MW-8 10/22/08
Phenol ND(0.0052) ND(0.0052) ND(0.0051) Pronamide ND(0.0052) ND(0.0052) ND(0.0051) Pyrene ND(0.0052) ND(0.0052) ND(0.0051) Pyrene ND(0.0052) ND(0.0052) ND(0.0052) Safrole ND(0.0052) ND(0.0052) ND(0.0052) Thionazin ND(0.011) ND(0.010) ND(0.0052) Furans	Semivolatile Or	ganics (continued)			
Pronemide ND(0.0052) ND(0.0052) ND(0.0051) Pyrrene ND(0.0052) ND(0.0052) ND(0.0052) ND(0.0052) Pyrdine ND(0.0052) ND(0.0052) ND(0.0052) ND(0.0052) Strole ND(0.0052) ND(0.0052) ND(0.0052) ND(0.0052) Thionazin ND(0.011) ND(0.010) ND(0.000000014) ND(0.000000014) 2.3.7.8 FCDF 0.000000053) ND(0.0000000053) ND(0.0000000053) ND(0.0000000053) 2.3.4.7.8 FeCDF ND(0.000000053) ND(0.000000055) ND(0.000000055) ND(0.000000055) 2.3.4.7.8 FeCDF ND(0.000000055) ND(0.000000055) ND(0.0000000055) ND(0.000000055)	Phenanthrene		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Pyrene ND(0.0052) ND(0.0052) ND(0.0051) ND(0.0052) ND(0.0051) Safrole ND(0.0052) ND(0.0052) ND(0.0051) ND(0.0051) Safrole ND(0.0052) ND(0.0052) ND(0.0051) ND(0.0051) Furans ND(0.011) ND(0.010) ND(0.000000033) ND(0.000000033) ND(0.000000033) 2.3,7.8-TCDE 0.000000012 (0.000000031) ND(0.000000033) ND(0.000000033) ND(0.000000033) 2.3,7.8-PeCDF ND(0.000000053) ND(0.000000051) ND(0.000000053) ND(0.000000051) ND(0.000000051) ND(0.000000053) 2.3,4.7.8-PeCDF ND(0.000000052) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000052) 2.3,4.7.8-PeCDF ND(0.000000052) ND(0.000000051) ND(0.000000051) ND(0.000000052) ND(0.000000051) ND(0.000000051) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000051) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000051)<	Phenol		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Printline ND[0.0052] (ND[0.0052] ND[0.0051] ND[0.0051] Storiele ND[0.0052] (ND[0.0052] ND[0.0051] Thionazin ND[0.011] (ND[0.010] ND[0.0052] ND[0.0051] Strate ND[0.011] (ND[0.010] ND[0.0000033] ND[0.0000004] 2.3.7.8-TCDF 0.000000044 J [0.000000051] ND[0.000000053] ND[0.000000052] 1.2.3.7.8-FeCDF ND[0.000000053] (ND[0.000000051] ND[0.000000052] ND[0.000000052] 2.3.4.7.8-FeCDF ND[0.000000053] (ND[0.000000051] ND[0.000000052] ND[0.000000052] 2.3.4.7.8-FeCDF ND[0.000000053] (ND[0.0000000051] ND[0.000000052] ND[0.000000052] 2.3.4.7.8-FECDF ND[0.000000053] (ND[0.0000000051] ND[0.000000052] ND[0.000000052] 2.3.4.6.7.8-FECDF ND[0.000000053] (ND[0.0000000051] ND[0.000000052] ND[0.000000052] 2.3.4.6.7.8-FECDF ND[0.000000053] (ND[0.0000000051] ND[0.000000052] ND[0.000000052] 2.3.4.6.7.8-FECDF ND[0.000000053] (ND[0.000000057] ND[0.000000053] ND[0.000000052] 1.2.3.4.6.7.8-FECDF ND[0.000000053] (ND[0.000000057] ND[0.000000052] ND[0.000000053] <td>Pronamide</td> <td></td> <td>ND(0.0052) [ND(0.0052)]</td> <td>ND(0.0052)</td> <td>ND(0.0051)</td>	Pronamide		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Safrole ND(0.0052) ND(0.0052) ND(0.0010) ND(0.0010) Furans ND(0.011) IND(0.010) ND(0.0010) ND(0.000000014) Safrole ND(0.000000043) IND(0.0000000053) ND(0.0000000051) ND(0.0000000052) Safrole ND(0.0000000053) ND(0.000000052) ND(0.000000052) ND(0.000000052) Safrole ND(0.000000053) ND(0.000000052) ND(0.000000052) ND(0.000000052) Safrole ND(0.000000053) ND(0.000000052) ND(0.000000052) ND(0.000000052) Safrole ND(0.000000053) ND(0.000000053) ND(0.000000051) ND(0.000000052) ND(0.000000052) Safrole ND(0.000000053) ND(0.000000051) ND(0.000000051) ND(0.000000052) ND(0.000000051) ND(0.000000052) Safrole ND(0.0000000053) ND(0.0000000051) ND(0.000000051) ND(0.000000051) ND(0.0000000051) ND(0.0000000051			ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Thionazin ND(0.011) IND(0.010) ND(0.010) ND(0.010) 2.3,7.8.1°CDF 0.000000049 J [0.000000058] ND(0.000000033) ND(0.000000033) 2.3,7.8.1°CDF ND(0.000000053) IND(0.000000053) ND(0.000000053) 2.3,4.7.8.1°CDF ND(0.000000053) IND(0.000000051) ND(0.000000052) 2.3,4.7.8.1°CDF ND(0.000000053) IND(0.000000051) ND(0.000000051) 1.2.3.4,7.8.1°CDF ND(0.0000000053) ND(0.0000000051) ND(0.0000000051) 1.2.3.4,7.8.1°CDF ND(0.0000000053) ND(0.0000000051) ND(0.0000000051) 1.2.3.4,7.8.1°CDF ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) 1.2.3.4,7.8.1°CDF ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) 1.2.3.4,7.8.1°CDF ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) 1.2.3.4,7.8.1°CDF ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) 1.2.3.4,7.8.1°CDF ND(0.000000051) ND(0.000000053) ND(0.0000000053) 1.2.3.4,	Pyridine		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
Furans ND(0.00000063) ND(0.000000033) ND(0.000000041) TCDFF 0.0000000053 [ND(0.000000054] ND(0.000000033) ND(0.000000055) 12,3,7,8-PeCDF ND(0.000000053) [ND(0.000000051)] ND(0.000000055) ND(0.0000000051) 2,3,4,7,8-PeCDF ND(0.000000053) [ND(0.000000051)] ND(0.000000051) ND(0.000000051) PeCDFs (total) 0.0000000053) [ND(0.0000000051)] ND(0.000000051) ND(0.0000000051) 1,2,3,4,7,8-HxCDF ND(0.0000000051) [ND(0.0000000051)] ND(0.0000000051) ND(0.0000000052) 1,2,3,4,7,8-HxCDF ND(0.0000000051) [ND(0.0000000051)] ND(0.0000000051) ND(0.0000000052) 1,2,3,4,7,8-HxCDF ND(0.0000000051) [ND(0.0000000051)] ND(0.0000000051) ND(0.0000000051) 1,2,3,4,7,8-HxCDF ND(0.0000000051) [ND(0.0000000051)] ND(0.0000000051) ND(0.0000000051) 1,2,3,4,7,8-HxCDF ND(0.0000000051) [ND(0.0000000057)] ND(0.0000000051) ND(0.0000000051) 1,2,3,4,7,8-HxCDF ND(0.0000000051) [ND(0.0000000057)] ND(0.0000000053) ND(0.0000000051) 1,2,3,4,7,8-HxCDF ND(0.0000000051) [ND(0.0000000057)] ND(0.0000000053) ND(0.0000000053) ND(0.000000053)	Safrole		ND(0.0052) [ND(0.0052)]	ND(0.0052)	ND(0.0051)
2,3,7,8,7 ECDF 0.000000049. J [0.000000058] ND(0.000000033) ND(0.000000033) TCDFs (total) 0.00000012 [0.000000051] ND(0.000000053) ND(0.000000053) ND(0.000000053) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.0000000051) ND(0.0000000053) ND(0.0000000053) ND(0.0000000053) ND(0.00000000053) ND(0.0000000053) ND(0.000000053) ND(0.0000000053) ND(0.0000000053) ND(0.0000000053)	Thionazin		ND(0.011) [ND(0.010)]	ND(0.010)	ND(0.010)
TCDFs (total) 0.00000012 [0.000000051] ND(0.000000033) ND(0.000000033) 2,3,47,8-PcCDF ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) 2,3,47,8-PcCDF ND(0.0000000051) ND(0.000000051) ND(0.0000000051) ND(0.0000000051) 1,2,3,47,8-PrcCDF ND(0.0000000053) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) 1,2,3,47,8-PrcCDF ND(0.0000000053) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) 1,2,3,4,7,8-PrcCDF ND(0.0000000053) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000053) ND(0.000000053) ND(0.0000000053) ND(0.0000000053)	Furans				
1,2,3,7,8+PcDF ND(0.000000053) ND(0.000000052) 2,3,7,8+PcDF ND(0.000000053) ND(0.000000053) ND(0.000000052) 2,3,7,8+PcDF ND(0.000000053) ND(0.000000053) ND(0.000000052) 1,2,3,7,7,8+AtxDF ND(0.000000053) ND(0.000000052) ND(0.000000052) 1,2,3,7,7,8+AtxDF ND(0.0000000053) ND(0.000000052) ND(0.0000000052) 2,3,4,6,7,8+AtxDF ND(0.0000000053) ND(0.0000000053) ND(0.0000000052) 2,3,4,6,7,8+AtxDF ND(0.0000000053) ND(0.0000000053) ND(0.0000000052) 1,2,3,4,6,7,8+HxDF ND(0.0000000053) ND(0.0000000053) ND(0.0000000053) 1,2,3,4,6,7,8+HxDF ND(0.0000000053) ND(0.0000000053) ND(0.0000000053) ND(0.0000000053) ND(0.0000000053) ND(0.0000000053) ND(0.0000000053) 1,2,3,4,7,8+HxDF ND(0.0000000053) ND(0.0000000053) ND(0.0000000053) PGCDFs (total) ND(0.0000000053) ND(0.0000000053) ND(0.0000000053) 0,2,3,7,8+TxCDD ND(0.0000000053) ND(0.0000000053) ND(0.0000000052) 1,2,3,4,7,8+K2CDD ND(0.0000000053)	2,3,7,8-TCDF		0.0000000049 J [0.0000000058 J]	ND(0.000000033)	ND(0.00000014)
2.3.4.7.8-PeCDF ND[0.0000000051] ND[0.000000051] ND[0.000000051] ND[0.000000051] ND[0.000000052] PeCDFs (total) 0.000000045] ND[0.000000051] ND[0.000000052] ND[0.000000052] 1.2.3.6,7.8-HxCDF ND[0.0000000051] ND[0.000000052] ND[0.0000000052] 1.2.3.7.8,9-HxCDF ND[0.0000000053] ND[0.0000000051] ND[0.0000000052] 1.2.3.7.8,9-HxCDF ND[0.0000000051] ND[0.0000000052] ND[0.0000000052] 1.2.3.4.6,7.8-HxCDF ND[0.0000000053] ND[0.0000000053] ND[0.0000000053] 1.2.3.4.6,7.8-HyCDF ND[0.0000000053] ND[0.0000000053] ND[0.0000000053] 1.2.3.4.6,7.8-HyCDF ND[0.0000000053] ND[0.0000000053] ND[0.0000000053] 1.2.3.4.7.8-HyCDF ND[0.0000000053] ND[0.0000000053] ND[0.0000000053] 0.0CDF ND[0.0000000053] ND[0.0000000053] ND[0.0000000053] ND[0.0000000053] 2.3.7.8-TCDD ND[0.0000000053] ND[0.0000000051] ND[0.0000000052] ND[0.0000000052] ND[0.0000000052] ND[0.0000000052] ND[0.0000000052] ND[0.0000000052] ND[0.0000000052] ND[0.00000005	TCDFs (total)		0.00000012 [0.00000014]	ND(0.000000033)	ND(0.00000083)
PecDFs (total) 0.000000063 [0.000000052] ND(0.000000051) ND(0.0000000051) 12.3.4,7.8.4+KCDF ND(0.0000000053) [ND(0.0000000051)] ND(0.0000000052) 12.3.4,7.8.4+KCDF ND(0.0000000053) [ND(0.000000051)] ND(0.0000000052) 12.3.4,7.8.4+KCDF ND(0.0000000053) [ND(0.000000051)] ND(0.000000052) 12.3.4,6,7.8.4+KCDF ND(0.0000000053) [ND(0.000000051)] ND(0.000000052) 12.3.4,6,7.8.4+KCDF ND(0.0000000053) [ND(0.0000000051)] ND(0.0000000051) 12.3.4,6,7.8.4+KCDF ND(0.0000000053) [ND(0.0000000057)] ND(0.0000000053) [ND(0.0000000057)] 12.3.4,7,8.9.4+pCDF ND(0.0000000057)] ND(0.0000000053) [ND(0.0000000057)] ND(0.0000000058) [ND(0.0000000057)] PhpCDFs (total) ND(0.0000000053) [ND(0.0000000057)] ND(0.0000000058) [ND(0.0000000057)] ND(0.0000000029) CDDs (total) ND(0.000000003) [ND(0.0000000051)] ND(0.0000000022) [ND(0.0000000051)] ND(0.0000000022) 12.3.4,7.8.4+kCDD ND(0.0000000053) [ND(0.0000000051)] ND(0.0000000052) [ND(0.000000051)] ND(0.000000052) 12.3.4,7.8.4+kCDD ND(0.0000000053) [ND(0.000000051)] ND(0.000000052) [ND(0.000000051)] ND(0.000000052) [ND(0.000000051)] 12.3.4,7.8+kCDD <td>1,2,3,7,8-PeCDF</td> <td></td> <td></td> <td>ND(0.000000051)</td> <td>ND(0.000000052)</td>	1,2,3,7,8-PeCDF			ND(0.000000051)	ND(0.000000052)
PecDFs (total) 0.000000063 [0.000000052] ND(0.000000051) ND(0.0000000051) 12.3.4,7.8.4+KCDF ND(0.0000000053) [ND(0.0000000051)] ND(0.0000000052) 12.3.4,7.8.4+KCDF ND(0.0000000053) [ND(0.000000051)] ND(0.0000000052) 12.3.4,7.8.4+KCDF ND(0.0000000053) [ND(0.000000051)] ND(0.000000052) 12.3.4,6,7.8.4+KCDF ND(0.0000000053) [ND(0.000000051)] ND(0.000000052) 12.3.4,6,7.8.4+KCDF ND(0.0000000053) [ND(0.0000000051)] ND(0.0000000051) 12.3.4,6,7.8.4+KCDF ND(0.0000000053) [ND(0.0000000057)] ND(0.0000000053) [ND(0.0000000057)] 12.3.4,7,8.9.4+pCDF ND(0.0000000057)] ND(0.0000000053) [ND(0.0000000057)] ND(0.0000000058) [ND(0.0000000057)] PhpCDFs (total) ND(0.0000000053) [ND(0.0000000057)] ND(0.0000000058) [ND(0.0000000057)] ND(0.0000000029) CDDs (total) ND(0.000000003) [ND(0.0000000051)] ND(0.0000000022) [ND(0.0000000051)] ND(0.0000000022) 12.3.4,7.8.4+kCDD ND(0.0000000053) [ND(0.0000000051)] ND(0.0000000052) [ND(0.000000051)] ND(0.000000052) 12.3.4,7.8.4+kCDD ND(0.0000000053) [ND(0.000000051)] ND(0.000000052) [ND(0.000000051)] ND(0.000000052) [ND(0.000000051)] 12.3.4,7.8+kCDD <td>2,3,4,7,8-PeCDF</td> <td></td> <td>ND(0.000000053) [ND(0.000000051)]</td> <td>ND(0.000000051)</td> <td>0.000000058 J</td>	2,3,4,7,8-PeCDF		ND(0.000000053) [ND(0.000000051)]	ND(0.000000051)	0.000000058 J
1,2,3,4,7,8-HxCDF ND(0.000000053) ND(0.0000000051) ND(0.0000000052) 1,2,3,6,7,8-HxCDF ND(0.0000000053) ND(0.0000000051) ND(0.0000000052) 1,2,3,7,8,9-HxCDF ND(0.0000000053) ND(0.0000000051) ND(0.0000000052) 1,2,3,7,8,9-HxCDF ND(0.0000000053) ND(0.0000000051) ND(0.0000000052) 1,2,3,4,7,8,9-HxCDF ND(0.0000000053) ND(0.0000000051) ND(0.0000000051) 1,2,3,4,7,8,9-HxCDF ND(0.0000000053) ND(0.00000000053) ND(0.00000000053) 1,2,3,4,7,8,9-HxCDF ND(0.0000000053) ND(0.00000000053) ND(0.00000000053) 1,2,3,4,7,8,9-HxCDF ND(0.0000000053) ND(0.0000000053) ND(0.0000000053) 0,0000 ND(0.0000000053) ND(0.0000000053) ND(0.0000000053) ND(0.0000000053) 1,2,3,7,8-HxCDD ND(0.0000000033) ND(0.0000000032) ND(0.0000000051) ND(0.0000000052) 1,2,3,7,8-HxCDD ND(0.0000000033) ND(0.0000000051) ND(0.0000000052) ND(0.0000000052) 1,2,3,4,7,8-HxCDD ND(0.0000000053) ND(0.0000000051) ND(0.0000000051) ND(0.0000000052) 1,2,3,4,7,8-HxCDD </td <td>PeCDFs (total)</td> <td></td> <td></td> <td>ND(0.000000051)</td> <td>ND(0.00000012)</td>	PeCDFs (total)			ND(0.000000051)	ND(0.00000012)
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	Zinc				0.0610

Groundwater Quality Interim Report For Fall 2008 Groundwater Management Area 4 General Electric Company - Pittsfield, Massachusetts (Results are presented in parts per million, ppm)

Notes:

- Samples were collected by ARCADIS and submitted to SGS Environmental Services, Inc. for analysis of Appendix IX+3 constituents.
- Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS (approved March 15, 2007 and re-submitted March 30, 2007).
- 3. NA Not Analyzed.
- 4. ND Analyte was not detected. The number in parentheses is the associated detection limit.
- 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.
- R Data was rejected due to a deficiency in the data generation process.
- X Estimated maximum possible concentration.
- Y 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

- B Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
- J Indicates that the associated numerical value is an estimated concentration.

ARCADIS

Appendix D

Historical Groundwater Data

Bremedrem ND(0.0050) ND(0.0050) ND(0.0050) ND(0.0010) ND(0.0010) Chiorobenzene ND(0.0050) ND(0.0010) ND(0.00010) ND(0.0010) ND(0.0010) <th>Parameter</th> <th>Sample ID: Date Collected:</th> <th>78-1 06/14/99</th> <th>78-1 05/01/01</th> <th>78-1 10/09/07</th> <th>78-1 04/22/08</th>	Parameter	Sample ID: Date Collected:	78-1 06/14/99	78-1 05/01/01	78-1 10/09/07	78-1 04/22/08
1,1-Dicknoethane ND(0.0050) ND(0.0050) ND(0.0010) ND(0.0010) Bromotorm ND(0.0050) ND(0.0050) ND(0.0050) ND(0.0010) ND(0.0010) Bromotorm ND(0.0050) ND(0.0050) ND(0.0050) ND(0.0010) ND(0.0010) Chorobersene ND(0.0050) ND(0.0050) ND(0.0050) ND(0.0050) ND(0.0010) ND(0.0010) Dicromochisomethane ND(0.0050) ND(0.0050) ND(0.0010) ND(0.0010) ND(0.0010) Trichhorothene ND(0.0050) ND(0.0050) ND(0.0010) ND(0.	Volatile Organi	CS				
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Bromatorm ND(0.0050) ND(0.0050) ND(0.0010) ND(0.0010) Chiorobenzane ND(0.0050) ND(0.0050) ND(0.0010) ND(0.0010) Chiorobenzane ND(0.0050) ND(0.0010) ND(0.00000) ND(0.0010)	1,1-Dichloroetha	ine	ND(0.0050)	ND(0.0050)	ND(0.0010)	
Chiorderm ND(0.0050) ND(0.0050) ND(0.0050) ND(0.0010) ND(0.0010) Dibromochloromethane ND(0.0050) ND(0.0010) ND(0.00000000) ND(0.00000000) <td< td=""><td>Acetone</td><td></td><td>ND(0.10)</td><td>ND(0.010)</td><td>0.0023 J</td><td>ND(0.0050) J</td></td<>	Acetone		ND(0.10)	ND(0.010)	0.0023 J	ND(0.0050) J
Chlorodorm ND[0.0050] ND[0.0050] ND[0.0010] ND[0.0010] Methylene Chloride ND[0.0050] ND[0.0010] ND[0.00050] NA NA Arcdor-1250 ND[0.00010] ND[0.000050] NA NA NA Arcdor-1250 ND[0.00010] ND[0.000050] NA NA NA Arcdor-1250 ND[0.00010] ND[0.000065] NA NA NA Arcdor-1260 NA NA ND[0.00010] ND[0.00010] ND[0.00066] ND[0.00010] ND[0.00066] ND[0.00010] ND[0.00066]	Bromoform		ND(0.0050)	ND(0.0050)	0.00048 J	ND(0.0010)
Dipromochloromethane ND(0.0050) ND(0.0010) ND(0.00005) NA NA NA Arcolor-1254 ND(0.00010) ND(0.000065) NA NA NA NA Arcolor-1256 ND(0.00010) ND(0.000065) ND(0.00010) ND(0.00000) ND(0.00010) ND(0.00000000000000000000000000000000000	Chlorobenzene		ND(0.0050)	ND(0.0050)	ND(0.0010)	ND(0.0010)
Methylene Chloride ND(0.0050) ND(0.0050) ND(0.0050) ND(0.0050) ND(0.0010) Tetrachloroethene ND(0.0050) 0.0047 J ND(0.0010) ND(0.0010) Tichloroethene ND(0.0050) 0.0047 J ND(0.0010) ND(0.0010) Tichloroethene ND(0.0050) ND(0.0050) ND(0.0010) ND(0.0010) Tichloroethene ND(0.0010) ND(0.0010) ND(0.0010) ND(0.0010) Total VCGs ND(0.200) 0.00477 0.00283 ND(0.0010) PCBs-Unfiltered ND(0.00010) ND(0.000055) NA NA Arcedor-1264 ND(0.00010) ND(0.000055) NA NA Arcedor-1254 NA NA NA NA Arcedor-1264 NA ND(0.000055) ND(0.00010) ND(0.000065) Strait PCBs NA ND(0.000055) ND(0.00010) ND(0.000066) Straiterestraiterestraiterestraiterestraiterestraiterestraiterestraiterestraiterestraiterestraiterestraiterestraiterestraiterestraiterestraiterestraiterestraiterestraiterestraiterestraiterestraiterestraiterestraiterestraiterestraiterestraiterestraiterestraiterestraiterestraiterestr	Chloroform		ND(0.0050)	ND(0.0050)	ND(0.0010)	ND(0.0010)
Tetrachizorethene ND(0.0050) ND(0.0020) ND(0.0010) ND(0.0010) Trichizorethene ND(0.0050) 0.0047 J ND(0.0010) ND(0.00065) NA NA NA Acodor-1260 NA ND(0.00010) ND(0.00010) ND(0.00066) NA NA NA ND(0.00010) ND(0.00010) ND(0.00010) ND(0.00010) ND(0.00000) ND(0.00000) ND(0.00000) ND(0.000000061) ND(0.000000061) ND(0.00000000	Dibromochlorom	ethane	ND(0.0050)	ND(0.0050)	ND(0.0010)	ND(0.0010)
Toluene ND(0.056) 0.0047 J ND(0.001) ND(0.010) Tichlorochnene ND(0.0050) ND(0.0650) ND(0.0010) ND(0.010) ND(0.0100) ND(0.0100) ND(0.010) ND(0.010) ND(0.010) ND(0.010) ND(0.010) ND(0.010) ND(0.010) ND(0.010) NA NA NA Arcolor-1250 NA NA ND(0.00005) NA NA ND(0.00005) ND(0.00010) ND(0.000066) ND(0.000010) ND(0.000066) ND(0.000000) ND(0.000066) ND(0.000000) ND(0.000000) ND(0.000000) ND(0.0000000000) ND(0.00000000000) ND(0.00000000000) ND(0.00000000000) ND(0.00000000000) ND(0.000000000000000) ND(0.0000000000000000000) ND(0.00000000000000000000000000000000000	Methylene Chlor	ide	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tichlorochumenhane ND(0.0550) ND(0.0050) ND(0.0010) ND(0.0101) ND(0.00065) NA NA NA Arcolor-1250 ND(0.00010) ND(0.000065) NA NA NA Arcolor-1254 NA ND(0.000065) NA NA NA Arcolor-1256 NA ND(0.000065) ND(0.00010) ND(0.000066) ND(0.0000000010) ND(0.0000000010) ND(0.0000000010) ND(0.0000000010) ND(0.0000000000) ND(0.0000000000) ND(0.0000000000) ND(0.0000000000) ND(0.0000000000)	Tetrachloroether	ne	ND(0.0050)	ND(0.0020)	ND(0.0010)	ND(0.0010)
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Vinyt Chioride ND(0.010) ND(0.020) ND(0.010) ND(0.0010) PCBs-Unfiltered ND(0.20) 0.0047 J 0.0028 J ND(0.10) Arcolor-1254 ND(0.00010) ND(0.000065) NA NA Arcolor-1260 ND(0.00010) ND(0.000065) NA NA Total VCCs ND(0.00010) ND(0.000065) NA NA Arcolor-1260 ND(0.00010) ND(0.000065) ND(0.00010) ND(0.000066) Arcolor-1260 NA ND(0.000065) ND(0.00010) ND(0.000066) Semivolatile Organics NA ND(0.0010) ND(0.000065) ND(0.0010) ND(0.00066) Semivolatile Organics - - - - - - - - - - - - - - - ND(0.010) ND(0.010) ND(0.010) ND(0.010) ND(0.010) ND(0.010) ND(0.0000000001) ND(0.0000000001) ND(0.0000000001) ND(0.0000000001) ND(0.0000000001) ND(0.0000000001) ND(0.00000000001) ND(0.00000000001)	Trichloroethene		ND(0.0050)	ND(0.0050)	ND(0.0010)	ND(0.0010) J
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PCBS-Unfiltered ND(0.00010) ND(0.000065) NA NA Araclor-1254 ND(0.00010) ND(0.000065) NA NA Total PCBs ND(0.00010) ND(0.000065) NA NA Total PCBs ND(0.00010) ND(0.000065) NA NA Araclor-1254 NA ND(0.000065) ND(0.00010) ND(0.000066) Araclor-1250 NA ND(0.000065) ND(0.00010) ND(0.000066) Semivatile Organics	Vinyl Chloride		ND(0.010)	ND(0.0020)	ND(0.0010)	ND(0.0010) J
Aractor:1254 ND(0.00010) ND(0.000065) NA NA Aractor:1260 ND(0.00010) ND(0.000065) NA NA Aractor:1260 ND(0.00010) ND(0.000065) NA NA PCBs-filtered ND(0.00010) ND(0.000065) NA NA Aractor:1260 NA NA ND(0.000065) ND(0.00010) ND(0.000066) Semivolatile Organics NA ND(0.000065) ND(0.00010) ND(0.00066) Semivolatile Organics ND(0.010) ND(0.010) ND(0.010) ND(0.0052) Acenaphithene ND(0.010) ND(0.010) ND(0.010) ND(0.010) Diferzofuran ND(0.010) ND(0.010) ND(0.010) ND(0.0052) Dimetrylphthalate ND(0.010) ND(0.000000001) ND(0.000000001) ND(0.000000001) VI2.37.8-FCDF ND(0.0000000060) ND(0.000000001) ND(0.000000001) ND(0.0000000051) 12.3.7.8-PeCDF ND(0.0000000020) ND(0.000000001) ND(0.0000000051) ND(0.0000000051) 12.3.4.7.8+PeCDF ND(0.0000000020) <td>Total VOCs</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Total VOCs					
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1,2,3,4,7,8-HxCDD ND(0.000000069) ND(0.0000000014) ND(0.0000000050) ND(0.0000000050) 1,2,3,6,7,8-HxCDD ND(0.0000000086) ND(0.0000000014) ND(0.0000000050) ND(0.0000000051) 1,2,3,6,7,8-HxCDD ND(0.0000000086) ND(0.0000000014) ND(0.0000000050) ND(0.000000051) 1,2,3,7,8,9-HxCDD ND(0.0000000077) ND(0.000000013) ND(0.000000050) ND(0.000000051) HxCDDs (total) ND(0.000000013) ND(0.000000050) ND(0.000000051) 1,2,3,4,6,7,8-HpCDD ND(0.000000013) ND(0.000000050) ND(0.000000051) HpCDDs (total) ND(0.00000013) ND(0.000000026) ND(0.000000050) ND(0.000000051) OCDD ND(0.000000017) ND(0.000000038) XB ND(0.000000010) ND(0.000000010))		, ,		,
1,2,3,6,7,8-HxCDD ND(0.000000086) ND(0.0000000014) ND(0.0000000050) ND(0.0000000051) 1,2,3,7,8,9-HxCDD ND(0.0000000077) ND(0.0000000013) ND(0.0000000050) ND(0.0000000051) 1,2,3,7,8,9-HxCDD ND(0.0000000077) ND(0.0000000013) ND(0.0000000050) ND(0.000000051) HxCDDs (total) ND(0.000000013) ND(0.000000050) ND(0.000000051) 1,2,3,4,6,7,8-HpCDD ND(0.000000013) ND(0.000000026) ND(0.000000050) ND(0.000000051) HpCDDs (total) ND(0.00000013) ND(0.000000026) ND(0.000000050) ND(0.000000051) OCDD ND(0.000000017) ND(0.000000038) XB ND(0.000000010) ND(0.000000010)	PeCDDs (total)				(***********	· · · /
1,2,3,7,8,9-HxCDD ND(0.0000000077) ND(0.0000000013) ND(0.0000000050) ND(0.0000000051) HxCDDs (total) ND(0.0000000086) ND(0.000000012) X ND(0.0000000050) ND(0.0000000051) 1,2,3,4,6,7,8-HpCDD ND(0.000000013) ND(0.000000026) ND(0.0000000050) ND(0.000000051) HpCDDs (total) ND(0.00000013) ND(0.000000026) ND(0.000000050) ND(0.000000051) OCDD ND(0.000000017) ND(0.000000038) XB ND(0.000000010) ND(0.000000010)						(
HxCDDs (total) ND(0.000000086) ND(0.000000012) X ND(0.0000000050) ND(0.000000051) 1,2,3,4,6,7,8-HpCDD ND(0.000000013) ND(0.000000026) ND(0.000000050) ND(0.000000051) HpCDDs (total) ND(0.000000013) ND(0.000000026) ND(0.000000050) ND(0.000000051) OCDD ND(0.00000017) ND(0.000000038) XB ND(0.000000010) ND(0.00000010)			ND(0.000000086)	ND(0.000000014)	ND(0.000000050)	ND(0.000000051)
1,2,3,4,6,7,8-HpCDD ND(0.00000013) ND(0.000000026) ND(0.000000050) ND(0.000000051) HpCDDs (total) ND(0.000000013) ND(0.000000026) ND(0.000000050) ND(0.000000051) OCDD ND(0.000000017) ND(0.000000038) XB ND(0.000000010) ND(0.000000010)		DD				
HpCDDs (total) ND(0.00000013) ND(0.000000026) ND(0.000000050) ND(0.000000051) OCDD ND(0.000000017) ND(0.000000038) XB ND(0.000000010) ND(0.000000010)	HxCDDs (total)		ND(0.000000086)	ND(0.00000012) X	ND(0.000000050)	ND(0.000000051)
OCDD ND(0.000000017) ND(0.000000038) XB ND(0.000000010) ND(0.000000010)		CDD	ND(0.00000013)			ND(0.000000051)
OCDD ND(0.000000017) ND(0.000000038) XB ND(0.000000010) ND(0.000000010)	HpCDDs (total)		ND(0.00000013)	ND(0.000000026)	ND(0.0000000050)	ND(0.000000051)
Total TEQs (WHO TEFs) 0.0000000071 0.000000024 0.000000064 0.0000000070	OCDD (ND(0.000000017)	ND(0.000000038) XB	ND(0.00000010)	ND(0.00000010)
	Total TEQs (WH	O TEFs)	0.000000071	0.000000024	0.000000064	0.000000070

Parameter	Sample ID: Date Collected:	78-1 06/14/99	78-1 05/01/01	78-1 10/09/07	78-1 04/22/08			
Inorganics-Unf	norganics-Unfiltered							
Antimony		ND(0.0600)	ND(0.0600)	NA	NA			
Arsenic		ND(0.00600)	ND(0.0100)	NA	NA			
Barium		0.0250	0.0330 B	NA	NA			
Beryllium		ND(0.00600)	ND(0.00100)	NA	NA			
Cadmium		ND(0.00600)	ND(0.00500)	NA	NA			
Chromium		ND(0.0130)	ND(0.0100)	NA	NA			
Cobalt		ND(0.0600)	ND(0.0500)	NA	NA			
Copper		ND(0.0330)	0.00550 J	NA	NA			
Lead		ND(0.130) J	ND(0.00500)	NA	NA			
Nickel		ND(0.0600)	ND(0.0400)	NA	NA			
Selenium		ND(0.00600) J	ND(0.00500) J	NA	NA			
Silver		ND(0.0130)	ND(0.00500)	NA	NA			
Sulfide		ND(5.00)	ND(5.00)	R	1.10 J			
Thallium		ND(0.0130)	ND(0.0100) J	NA	NA			
Tin		ND(0.300)	ND(0.100)	NA	NA			
Vanadium		ND(0.0600)	ND(0.0500)	NA	NA			
Zinc		0.0290	0.0200	NA	NA			
Inorganics-Filt	ered				•			
Antimony		NA	ND(0.0600)	ND(0.0400)	ND(0.0400)			
Arsenic		NA	ND(0.0100)	ND(0.0100) J	ND(0.0100)			
Barium		NA	0.0260 J	0.0172 B	0.0174 B			
Beryllium		NA	ND(0.00100)	ND(0.0100) J	ND(0.0100) J			
Cadmium		NA	ND(0.00500)	ND(0.00500) J	ND(0.00500) J			
Chromium		NA	ND(0.0100)	ND(0.0100)	0.00118 B			
Cobalt		NA	ND(0.0500)	ND(0.0100)	ND(0.0100) J			
Copper		NA	0.00420 J	ND(0.0100)	ND(0.0100) J			
Lead		NA	ND(0.00500)	ND(0.0100)	ND(0.0100)			
Nickel		NA	ND(0.0400)	ND(0.0100)	ND(0.0100) J			
Selenium		NA	ND(0.00500) J	ND(0.0200) J	ND(0.0200)			
Thallium		NA	ND(0.0100) J	ND(0.0100)	ND(0.0100) J			
Tin		NA	ND(0.100)	ND(0.0100)	ND(0.0100) J			
Vanadium		NA	ND(0.0500)	ND(0.0500)	ND(0.0500)			
Zinc		NA	0.0160 B	0.00586 B	ND(0.0200)			

Parameter	Sample ID: Date Collected:	78-1 10/23/08	78-6 06/16/99	78-6 05/03/01	78-6 11/13/07
Volatile Organio					
1,1,1-Trichloroet		ND(0.0010)	ND(0.0050)	ND(0.0050)	ND(0.0010)
1.1-Dichloroetha		ND(0.0010)	ND(0.0050)	ND(0.0050)	ND(0.0010)
Acetone		ND(0.0050) J	ND(0.10)	ND(0.010)	0.0014 J
Bromoform		ND(0.0010)	ND(0.0050)	ND(0.0050)	ND(0.0010)
Chlorobenzene		ND(0.0010)	ND(0.0050)	ND(0.0050)	ND(0.0010)
Chloroform		ND(0.0010)	ND(0.0050)	ND(0.0050)	ND(0.0010)
Dibromochlorom	lethane	ND(0.0010)	ND(0.0050)	ND(0.0050)	ND(0.0010)
Methylene Chlor	ide	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroether	ne	ND(0.0010)	ND(0.0050)	ND(0.0020)	ND(0.0010) J
Toluene		ND(0.0010)	ND(0.0050)	ND(0.0050)	ND(0.0010)
Trichloroethene		ND(0.0010)	ND(0.0050)	ND(0.0050)	ND(0.0010)
Trichlorofluorom	ethane	ND(0.0010)	ND(0.0050)	ND(0.0050)	ND(0.0010)
Vinyl Chloride		ND(0.0010)	ND(0.010)	ND(0.0020)	ND(0.0010)
Total VOCs		ND(0.10)	ND(0.20)	ND(0.20)	0.0014 J
PCBs-Unfiltered	d				•
Aroclor-1254		NA	ND(0.000050)	ND(0.000065)	NA
Aroclor-1260		NA	ND(0.000050)	ND(0.000065)	NA
Total PCBs		NA	ND(0.000050)	ND(0.000065)	NA
PCBs-Filtered			= (
Aroclor-1254		ND(0.00010) J	NA	ND(0.000065)	ND(0.000065)
Aroclor-1260		ND(0.00010) J	NA	ND(0.000065)	ND(0.000065)
Total PCBs		ND(0.00010) J	NA	ND(0.000065)	ND(0.000065)
Semivolatile Or	aanice	ND(0.00010)3	NA NA	ND(0.000000)	ND(0.000000)
1,2,4-Trichlorobe	•	ND(0.0051)	ND(0.010)	ND(0.010)	ND(0.0050)
Acenaphthene	enzene	ND(0.0051)	ND(0.010)	ND(0.010)	ND(0.0050)
	hthalata	ND(0.0051)	ND(0.010)	ND(0.010)	ND(0.0050)
bis(2-Ethylhexyl) Dibenzofuran	phinalale	ND(0.0051)	ND(0.010)	ND(0.0000)	ND(0.0050)
Dimethylphthalat	to	ND(0.0051)	ND(0.010)	ND(0.010)	0.00060 J
Naphthalene	le	ND(0.0051)	ND(0.010)	ND(0.010)	0.00060 J
Furans		11D(0:0031)	ND(0.010)	ND(0.010)	0.0010 3
2,3,7,8-TCDF		0.00000010 J	ND(0.000000032)		ND(0.000000042)
			· · · /	ND(0.0000000085) XB	, , ,
TCDFs (total)	-	0.00000066	ND(0.000000032)	ND(0.000000020)	0.000000076 J
1,2,3,7,8-PeCDF		ND(0.000000051)	ND(0.000000079)	ND(0.0000000030)	ND(0.000000052)
2,3,4,7,8-PeCDF	-	ND(0.000000051)	ND(0.000000083)	ND(0.0000000066)	ND(0.000000052)
PeCDFs (total)		0.00000021	ND(0.000000083)	ND(0.000000017)	ND(0.000000052)
1,2,3,4,7,8-HxC		ND(0.000000051)	ND(0.000000042)	ND(0.0000000083) XB	ND(0.000000052)
1,2,3,6,7,8-HxC		ND(0.000000051)	ND(0.000000043)	ND(0.0000000030)	ND(0.000000052)
1,2,3,7,8,9-HxC		ND(0.000000051)	ND(0.000000051)	ND(0.0000000030)	ND(0.000000052)
2,3,4,6,7,8-HxCI	DF	ND(0.000000051)	ND(0.000000044) ND(0.0000000051)	ND(0.0000000030)	ND(0.000000052)
HxCDFs (total)	005	ND(0.000000051)	(ND(0.0000000083) X	ND(0.000000052)
1,2,3,4,6,7,8-Hp 1,2,3,4,7,8,9-Hp		ND(0.000000051) ND(0.000000058)	ND(0.00000029) ND(0.00000029)	ND(0.0000000050) ND(0.0000000060)	ND(0.000000052) ND(0.000000052)
	CDF	(,	(**************************************
HpCDFs (total) OCDF		ND(0.000000058) ND(0.000000015)	ND(0.00000029) ND(0.000000017)	ND(0.0000000050) ND(0.00000000090)	ND(0.000000052) ND(0.000000011)
		ND(0.000000015)	ND(0.00000017)	ND(0.0000000090)	ND(0.00000011)
Dioxins					
2,3,7,8-TCDD		ND(0.000000030)	ND(0.000000035)	ND(0.0000000040)	ND(0.000000037)
TCDDs (total)		ND(0.000000030)	ND(0.000000035)	ND(0.000000010) X	ND(0.000000037)
1,2,3,7,8-PeCDE	ر	ND(0.000000051)	ND(0.00000034)	ND(0.0000000040)	ND(0.000000052)
PeCDDs (total)		ND(0.000000051)	ND(0.00000034)	ND(0.000000019) X	ND(0.000000052)
1,2,3,4,7,8-HxC		ND(0.000000052)	ND(0.00000014)	ND(0.0000000060)	ND(0.000000052)
1,2,3,6,7,8-HxCI		ND(0.000000051)	ND(0.00000017)	ND(0.0000000060)	ND(0.000000052)
1,2,3,7,8,9-HxCI	טט	ND(0.000000051)	ND(0.00000015)	ND(0.0000000050)	ND(0.000000052)
HxCDDs (total)	000	ND(0.000000052)	ND(0.00000017)	ND(0.000000060) X	ND(0.000000052)
1,2,3,4,6,7,8-Hp	טעט	ND(0.000000086)	ND(0.00000029)	ND(0.0000000080)	ND(0.000000052)
HpCDDs (total)		ND(0.000000086)	ND(0.00000029)	ND(0.0000000080)	ND(0.000000052)
OCDD		ND(0.00000019)	ND(0.00000020)	ND(0.000000079)	ND(0.00000011)
Total TEQs (WH	IU IEFS)	0.000000084	0.00000025	0.0000000080	0.000000080

Parameter	Sample ID: Date Collected:	78-1 10/23/08	78-6 06/16/99	78-6 05/03/01	78-6 11/13/07
Inorganics-Un	filtered				
Antimony		NA	ND(0.0600)	0.00250 J	NA
Arsenic		NA	0.0320	0.0160	NA
Barium		NA	0.0830	0.0960 B	NA
Beryllium		NA	ND(0.00600)	ND(0.00100)	NA
Cadmium		NA	ND(0.00600) J	ND(0.00500)	NA
Chromium		NA	ND(0.0130)	0.00250 B	NA
Cobalt		NA	ND(0.0600)	0.00480 B	NA
Copper		NA	ND(0.0330)	ND(0.0100) J	NA
Lead		NA	ND(0.130) J	ND(0.00500) J	NA
Nickel		NA	ND(0.0600)	ND(0.0400)	NA
Selenium		NA	ND(0.00600)	0.00490 B	NA
Silver		NA	ND(0.0130)	0.0110 J	NA
Sulfide		1.3 J	ND(5.00)	ND(5.00)	ND(1.00) J
Thallium		NA	ND(0.0130)	ND(0.0100)	NA
Tin		NA	ND(0.300) j	ND(0.0300)	NA
Vanadium		NA	ND(0.0600)	ND(0.0500)	NA
Zinc		NA	0.0330	0.0110 B	NA
Inorganics-Filt	ered				
Antimony		ND(0.0400)	NA	0.00370 J	ND(0.0400)
Arsenic		ND(0.0100) J	NA	ND(0.0100)	0.00588 J
Barium		ND(0.500)	NA	0.0450 B	0.0667 B
Beryllium		ND(0.0100)	NA	ND(0.00100)	0.000850 J
Cadmium		ND(0.00500)	NA	ND(0.00500)	ND(0.00500)
Chromium		ND(0.0100) J	NA	0.00370 B	ND(0.0100)
Cobalt		ND(0.0100) J	NA	0.00370 B	ND(0.0100)
Copper		ND(0.200) J	NA	ND(0.0250)	ND(0.0100) J
Lead		ND(0.0100) J	NA	ND(0.00500) J	ND(0.0100)
Nickel		ND(0.0500) J	NA	ND(0.0400)	ND(0.0100)
Selenium		ND(0.0200) J	NA	ND(0.00500)	ND(0.0200) J
Thallium		ND(0.0100)	NA	ND(0.0100) J	ND(0.0100) J
Tin		ND(0.100) J	NA	ND(0.0300)	ND(0.0100) J
Vanadium		ND(0.0500)	NA	ND(0.0500)	ND(0.0500)
Zinc		0.00549 B	NA	0.0180 J	ND(0.0200)

	Sample ID:	78-6	78-6	GMA4-6
Parameter	Date Collected:	04/21/08	10/22/08	10/08/07
Volatile Organic				
1,1,1-Trichloroet		ND(0.0010) J [ND(0.0010) J]	ND(0.0010)	ND(0.0010)
1,1-Dichloroetha	ne	ND(0.0010) J [ND(0.0010) J]	ND(0.0010)	ND(0.0010)
Acetone		ND(0.0050) J [ND(0.0050) J]	ND(0.0050) J	ND(0.0050) J
Bromoform		ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Chlorobenzene		ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Chloroform	- 41	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Dibromochlorom		ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0010)
Methylene Chlor		ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Tetrachloroether Toluene	ie	ND(0.0010) [ND(0.0010)] ND(0.0010) J [ND(0.0010) J]	ND(0.0010) ND(0.0010)	ND(0.0010) ND(0.0010)
Trichloroethene		ND(0.0010) J [ND(0.0010) J]	ND(0.0010)	ND(0.0010)
Trichlorofluorom	othana	ND(0.0010) J [ND(0.0010) J]	ND(0.0010)	ND(0.0010) ND(0.0010)
Vinyl Chloride	ethane	ND(0.0010) J [ND(0.0010) J]	ND(0.0010)	ND(0.0010)
Total VOCs		ND(0.10) [ND(0.10)]	ND(0.0010)	ND(0.0010)
PCBs-Unfiltered	4		ND(0.10)	ND(0:10)
Aroclor-1254	м 	NA	NA	NA
Aroclor-1254 Aroclor-1260		NA NA	NA	NA
Total PCBs		NA	NA	NA
PCBs-Filtered		INA	NA	NA NA
Aroclor-1254		ND(0.000066) [ND(0.000067)]	ND(0.00010)	ND(0.00010)
Aroclor-1254 Aroclor-1260		ND(0.000066) [ND(0.000067)]	ND(0.00010)	ND(0.00010)
Total PCBs		ND(0.000066) [ND(0.000067)]	ND(0.00010)	ND(0.00010)
Semivolatile Or	appios	ND(0.000080) [ND(0.000087)]	ND(0.00010)	ND(0.00010)
1,2,4-Trichlorobe		ND(0.0051) [ND(0.0052)]	ND(0.0051)	ND(0.010)
Acenaphthene	enzene	ND(0.0051) [ND(0.0052)]	ND(0.0051)	ND(0.010)
bis(2-Ethylhexyl)	nhthalata	ND(0.0051) [ND(0.0052)]	ND(0.0051)	ND(0.010)
Dibenzofuran	phinalale	ND(0.0051) [ND(0.0052)]	ND(0.0051)	ND(0.010)
Dimethylphthala	to	ND(0.0051) [ND(0.0052)]	ND(0.0051)	ND(0.010)
Naphthalene	le	ND(0.0051) [ND(0.0052)]	ND(0.0051)	ND(0.010)
Furans			112(0.0001)	112(0.010)
2,3,7,8-TCDF		0.000000019 J [0.000000032 J]	ND(0.000000029)	ND(0.000000026)
TCDFs (total)		0.00000028 [0.00000050]	0.000000020	0.000000023 J
1,2,3,7,8-PeCDF	-	ND(0.000000051) [ND(0.000000051)]	ND(0.0000000051)	ND(0.00000000000000000000000000000000000
2,3,4,7,8-PeCDF		ND(0.000000051) [ND(0.000000051)]	ND(0.0000000051)	ND(0.00000000000000000000000000000000000
PeCDFs (total)		0.000000052 J [0.000000059 J]	0.000000041	0.000000076 J
1,2,3,4,7,8-HxCI	DF	ND(0.000000051) [ND(0.000000051)]	ND(0.000000051)	ND(0.000000050)
1,2,3,6,7,8-HxCI		ND(0.000000051) [ND(0.000000051)]	ND(0.000000051)	ND(0.000000050)
1,2,3,7,8,9-HxCI		ND(0.000000051) [ND(0.000000051)]	ND(0.000000051)	ND(0.000000050)
2,3,4,6,7,8-HxCI		ND(0.000000051) [ND(0.000000051)]	ND(0.000000051)	ND(0.000000050)
HxCDFs (total)		ND(0.000000051) [ND(0.000000051)]	ND(0.000000051)	ND(0.000000050)
1,2,3,4,6,7,8-Hp	CDF	ND(0.000000051) [ND(0.000000051)]	ND(0.000000051)	ND(0.000000050)
1,2,3,4,7,8,9-Hp	CDF	ND(0.000000051) [ND(0.000000051)]	ND(0.000000051)	ND(0.000000050)
HpCDFs (total)		ND(0.000000051) [ND(0.000000051)]	ND(0.000000051)	ND(0.000000050)
OCDF		ND(0.00000010) [ND(0.00000010)]	ND(0.00000013)	ND(0.00000010)
Dioxins				
2,3,7,8-TCDD		ND(0.000000014) [ND(0.000000010)]	ND(0.000000025)	ND(0.000000034)
TCDDs (total)		ND(0.000000014) [ND(0.000000010)]	ND(0.000000025)	ND(0.000000034)
1,2,3,7,8-PeCDE)	ND(0.000000051) [ND(0.000000051)]	ND(0.000000051)	ND(0.000000050)
PeCDDs (total)		ND(0.000000051) [ND(0.000000051)]	ND(0.000000051)	ND(0.000000050)
1,2,3,4,7,8-HxCI		ND(0.000000051) [ND(0.000000051)]	ND(0.000000051)	ND(0.000000050)
1,2,3,6,7,8-HxCI		ND(0.000000051) [ND(0.000000051)]	ND(0.000000051)	ND(0.000000050)
1,2,3,7,8,9-HxCI	DD	ND(0.000000051) [ND(0.000000051)]	ND(0.000000051)	ND(0.000000050)
HxCDDs (total)		ND(0.000000051) [ND(0.000000051)]	ND(0.000000051)	ND(0.000000050)
1,2,3,4,6,7,8-Hp	CDD	ND(0.0000000051) [ND(0.0000000051)]	ND(0.000000071)	ND(0.000000050)
HpCDDs (total)		ND(0.000000051) [ND(0.000000051)]	ND(0.000000071)	ND(0.000000050)
OCDD	·	ND(0.00000010) [ND(0.00000010)]	ND(0.00000015)	ND(0.00000010)
Total TEQs (WH	O TEFs)	0.000000067 [0.000000067]	0.000000072	0.000000075

Parameter	Sample ID: Date Collected:	78-6 04/21/08	78-6 10/22/08	GMA4-6 10/08/07
Inorganics-Un		04/21/08	10/22/00	10/06/07
Antimony	Intereu	NA	NA	NA
Arsenic		NA	NA	NA
Barium		NA	NA	NA
Beryllium		NA	NA	NA
Cadmium		NA	NA	NA
Chromium		NA	NA	NA
Cobalt		NA	NA	NA
Copper		NA	NA	NA
Lead		NA	NA	NA
Nickel				
		NA	NA	NA
Selenium		NA	NA	NA
Silver			NA ND(4,00)	NA
Sulfide		ND(1.00) J [ND(1.00) J]	ND(1.00)	ND(1.00) J
Thallium		NA	NA	NA
Tin		NA	NA	NA
Vanadium		NA	NA	NA
Zinc		NA	NA	NA
Inorganics-Filt	ered			
Antimony		ND(0.0400) [ND(0.0400)]	ND(0.0400)	ND(0.0400)
Arsenic		ND(0.0100) [ND(0.0100)]	0.00517 B J	ND(0.0100) J
Barium		0.0340 B [0.0353 B]	0.0574 B	0.00701 B
Beryllium		ND(0.0100) J	ND(0.0100) J	ND(0.0100) J
Cadmium		ND(0.00500) J	ND(0.00500) J	ND(0.00500) J
Chromium		0.00209 B [ND(0.0100)]	ND(0.0100) J	ND(0.0100)
Cobalt		ND(0.0100) J	0.00372 B J	ND(0.0100)
Copper		ND(0.0100) J	ND(0.200) J	ND(0.0100)
Lead		ND(0.0100) [ND(0.0100)]	0.00684 B J	ND(0.0100)
Nickel		ND(0.0100) J	ND(0.0500)	0.00564 B
Selenium		ND(0.0200) [ND(0.0200)]	ND(0.0200) J	ND(0.0200) J
Thallium		0.00625 J	ND(0.0100) J	0.00652 B
Tin		ND(0.0100) J	ND(0.100) J	ND(0.0100)
Vanadium		ND(0.0500) [ND(0.0500)]	ND(0.0500)	ND(0.0500)
Zinc		ND(0.0200) [ND(0.0200)]	ND(0.0500)	0.0123 B

Parameter	Sample ID: Date Collected:	GMA4-6 04/21/08	GMA4-6 10/23/08	H78B-15 06/16/99	H78B-15 05/03/01
Volatile Organic	CS		•		•
1,1,1-Trichloroet	hane	ND(0.0010) J	ND(0.0010)	ND(0.0050)	ND(0.0050)
1,1-Dichloroetha	ne	ND(0.0010) J	ND(0.0010)	ND(0.0050)	ND(0.0050)
Acetone		ND(0.0050) J	ND(0.0050) J	ND(0.10)	ND(0.010)
Bromoform		ND(0.0010)	ND(0.0010)	ND(0.0050)	ND(0.0050)
Chlorobenzene		ND(0.0010)	ND(0.0010)	ND(0.0050)	ND(0.0050)
Chloroform		0.0030	ND(0.0010)	ND(0.0050)	ND(0.0050)
Dibromochlorom	ethane	ND(0.0010)	ND(0.0010)	ND(0.0050)	ND(0.0050)
Methylene Chlor	ide	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroether	ne	ND(0.0010)	ND(0.0010)	ND(0.0050)	ND(0.0020)
Toluene		ND(0.0010) J	ND(0.0010)	ND(0.0050)	ND(0.0050)
Trichloroethene		ND(0.0010) J	ND(0.0010)	ND(0.0050)	ND(0.0050)
Trichlorofluorom	ethane	ND(0.0010) J	ND(0.0010)	ND(0.0050)	ND(0.0050)
Vinyl Chloride		ND(0.0010) J	ND(0.0010)	ND(0.010)	ND(0.0020)
Total VOCs		0.0030	ND(0.10)	ND(0.20)	ND(0.20)
PCBs-Unfiltered	d		• •	•	•
Aroclor-1254		NA	NA	0.000035 J	ND(0.000065)
Aroclor-1260		NA	NA	ND(0.000050)	ND(0.000065)
Total PCBs		NA	NA	0.000035 J	ND(0.000065)
PCBs-Filtered					()
Aroclor-1254		ND(0.000068)	ND(0.00010) J	NA	ND(0.000065)
Aroclor-1260		ND(0.000068)	ND(0.00010) J	NA	ND(0.000065)
Total PCBs		ND(0.000068)	ND(0.00010) J	NA	ND(0.000065)
Semivolatile Or	ganice	(0.000000)	NB(0.00010)0		ND(0.000000)
1,2,4-Trichlorobe		ND(0.0052)	ND(0.0051)	ND(0.010)	ND(0.010)
Acenaphthene	enzene	ND(0.0052)	ND(0.0051)	ND(0.010)	ND(0.010)
	a hthalata	· /	0.00072 J	· · · /	
bis(2-Ethylhexyl) Dibenzofuran	phinalate	ND(0.0052) ND(0.0052)	ND(0.0051)	ND(0.010) ND(0.010)	ND(0.0060) ND(0.010)
	4.0			()	
Dimethylphthalar Naphthalene	le	ND(0.0052) ND(0.0052)	ND(0.0051) ND(0.0051)	ND(0.010) ND(0.010)	ND(0.010) ND(0.010)
		ND(0.0052)	ND(0.0051)	ND(0.010)	ND(0.010)
Furans					
2,3,7,8-TCDF		ND(0.00000010)	ND(0.000000035)	ND(0.000000015)	ND(0.0000000040)
TCDFs (total)	-	ND(0.00000010)	ND(0.000000035)	ND(0.000000015)	ND(0.000000012)
1,2,3,7,8-PeCDF		ND(0.000000052)	ND(0.000000051)	ND(0.000000036)	ND(0.0000000038)
2,3,4,7,8-PeCDF		ND(0.000000052)	ND(0.000000051)	ND(0.000000034)	ND(0.0000000055) XB
PeCDFs (total)		ND(0.000000052)	ND(0.000000051)	ND(0.000000036)	ND(0.000000013)
1,2,3,4,7,8-HxCI		ND(0.000000052)	ND(0.000000051)	ND(0.000000017)	ND(0.000000015) XB
1,2,3,6,7,8-HxCI		ND(0.000000052)	ND(0.000000051)	ND(0.000000017)	ND(0.0000000040)
1,2,3,7,8,9-HxCI		ND(0.000000052)	ND(0.000000051)	ND(0.000000023)	ND(0.0000000050)
2,3,4,6,7,8-HxCI)F	ND(0.000000052)	ND(0.000000051)	ND(0.000000018)	ND(0.0000000040)
HxCDFs (total)		ND(0.000000052)	ND(0.000000051)	ND(0.000000023)	ND(0.0000000058)
1,2,3,4,6,7,8-Hp		ND(0.000000052)	ND(0.000000051)	ND(0.00000032)	ND(0.0000000060)
1,2,3,4,7,8,9-Hp	CDF	ND(0.000000052)	ND(0.000000058)	ND(0.00000015)	ND(0.0000000086) XB
HpCDFs (total)		ND(0.000000052)	ND(0.000000058)	ND(0.00000032)	ND(0.0000000086) X
OCDF		ND(0.00000011)	ND(0.00000016)	ND(0.000000076)	ND(0.000000026)
Dioxins					
2,3,7,8-TCDD		ND(0.000000010)	ND(0.000000033)	ND(0.000000035)	ND(0.000000017) XB
TCDDs (total)		ND(0.00000010)	ND(0.000000033)	ND(0.000000035)	ND(0.000000031) X
1,2,3,7,8-PeCDE)	ND(0.000000052)	ND(0.000000051)	ND(0.000000071)	ND(0.0000000060)
PeCDDs (total)		ND(0.000000052)	ND(0.000000051)	ND(0.000000071)	ND(0.000000018) X
1,2,3,4,7,8-HxCI		ND(0.000000052)	ND(0.000000051)	ND(0.000000056)	ND(0.0000000080)
1,2,3,6,7,8-HxCI		ND(0.000000052)	ND(0.000000051)	ND(0.000000070)	ND(0.000000012)
1,2,3,7,8,9-HxCI	DD	ND(0.000000052)	ND(0.000000051)	ND(0.000000062)	ND(0.0000000095) XB
HxCDDs (total)		ND(0.000000052)	ND(0.000000051)	ND(0.000000070)	0.000000032
1,2,3,4,6,7,8-Hp	CDD	ND(0.000000077)	ND(0.000000070)	ND(0.00000011)	0.000000052 JB
HpCDDs (total)		ND(0.000000077)	ND(0.000000070)	ND(0.00000011)	ND(0.000000052)
OCDD		ND(0.00000012)	ND(0.00000019)	ND(0.0000000090)	ND(0.000000077)
Total TEQs (WH		0.00000011	0.000000077	0.000000079	0.000000017

Parameter	Sample ID: Date Collected:	GMA4-6 04/21/08	GMA4-6 10/23/08	H78B-15 06/16/99	H78B-15 05/03/01
Inorganics-Un	filtered				
Antimony		NA	NA	ND(0.0600)	0.00290 J
Arsenic		NA	NA	ND(0.00600)	ND(0.0100)
Barium		NA	NA	0.0570	0.00430 B
Beryllium		NA	NA	ND(0.00600)	ND(0.00100)
Cadmium		NA	NA	ND(0.00600) J	ND(0.00500)
Chromium		NA	NA	ND(0.0130)	0.00290 B
Cobalt		NA	NA	ND(0.0600)	ND(0.0500)
Copper		NA	NA	ND(0.0330)	0.00910 B
Lead		NA	NA	ND(0.130) J	ND(0.00500) J
Nickel		NA	NA	ND(0.0600)	ND(0.0400)
Selenium		NA	NA	ND(0.00600)	ND(0.00500)
Silver		NA	NA	ND(0.0130)	ND(0.00500)
Sulfide		1.00 J	ND(1.00)	ND(5.00)	ND(5.00)
Thallium		NA	NA	ND(0.0130)	ND(0.0100) J
Tin		NA	NA	ND(0.300) j	ND(0.0300)
Vanadium		NA	NA	ND(0.0600)	ND(0.0500)
Zinc		NA	NA	0.0830	0.0110 J
Inorganics-Filt	ered		•		
Antimony		ND(0.0400)	ND(0.0400)	NA	ND(0.0100) J
Arsenic		ND(0.0100)	ND(0.0100) J	NA	ND(0.0100)
Barium		ND(0.100)	ND(0.500)	NA	0.00460 B
Beryllium		ND(0.0100) J	ND(0.0100)	NA	ND(0.00100)
Cadmium		ND(0.00500) J	ND(0.00500)	NA	ND(0.00500)
Chromium		ND(0.0100)	ND(0.0100) J	NA	ND(0.0100)
Cobalt		ND(0.0100) J	ND(0.0100) J	NA	ND(0.0500)
Copper		ND(0.0100) J	ND(0.200) J	NA	0.00610 B
Lead		ND(0.0100)	ND(0.0100) J	NA	ND(0.00500) J
Nickel		ND(0.0100) J	ND(0.0500) J	NA	ND(0.0400)
Selenium		ND(0.0200)	0.00962 B J	NA	ND(0.00500)
Thallium		ND(0.0100) J	0.00784 B	NA	ND(0.0100) J
Tin		ND(0.0100) J	ND(0.100) J	NA	ND(0.0300)
Vanadium		ND(0.0500)	ND(0.0500)	NA	ND(0.0500)
Zinc		0.00957 B	0.0154 B	NA	0.0180 J

Parameter	Sample ID: Date Collected:	H78B-15 10/10/07	H78B-15 04/23/08	H78B-15 10/23/08	NY-4 06/14/99
Volatile Organi	CS				
1,1,1-Trichloroet	hane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0050)
1,1-Dichloroetha	ine	0.00010 J	ND(0.0010)	ND(0.0010)	ND(0.0050)
Acetone		0.0031 J	ND(0.0050) J	ND(0.0050) J	ND(0.10)
Bromoform		ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0050)
Chlorobenzene		ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0050)
Chloroform		ND(0.0010)	ND(0.0010)	0.00021 J	ND(0.0050)
Dibromochlorom	ethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0050)
Methylene Chlor		ND(0.0050)	ND(0.0050) J	ND(0.0050)	ND(0.0050)
Tetrachloroether		ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0050)
Toluene		ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0050)
Trichloroethene		0.00023 J	ND(0.0010)	ND(0.0010)	ND(0.0050)
Trichlorofluorom	ethane	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.0050)
Vinyl Chloride	othano	ND(0.0010)	ND(0.0010)	ND(0.0010)	ND(0.010)
Total VOCs		0.0034 J	ND(0.10)	0.00021 J	ND(0.20)
PCBs-Unfiltere	4	0.0034 3	ND(0:10)	0.000213	ND(0.20)
	u 1	NI A	N/A	NIA.	0.00040
Aroclor-1254		NA	NA	NA	0.00012
Aroclor-1260		NA	NA	NA	ND(0.00010)
Total PCBs		NA	NA	NA	0.00012
PCBs-Filtered					
Aroclor-1254		ND(0.000065)	ND(0.000067) J	ND(0.00010) J	NA
Aroclor-1260		ND(0.000065)	ND(0.000067) J	ND(0.00010) J	NA
Total PCBs		ND(0.000065)	ND(0.000067) J	ND(0.00010) J	NA
Semivolatile Or	ganics				
1,2,4-Trichlorobe	enzene	ND(0.010)	ND(0.0052)	ND(0.0053)	ND(0.010)
Acenaphthene		ND(0.010)	ND(0.0052)	ND(0.0053)	ND(0.010)
bis(2-Ethylhexyl	phthalate	ND(0.010)	ND(0.0052)	0.0010 J	ND(0.010)
Dibenzofuran		ND(0.010)	ND(0.0052)	ND(0.0053)	ND(0.010)
Dimethylphthala	te	ND(0.010)	ND(0.0052)	ND(0.0053)	ND(0.010)
Naphthalene		ND(0.010)	ND(0.0052)	ND(0.0053)	ND(0.010)
Furans		()	()	()	()
2,3,7,8-TCDF		ND(0.0000000017)	ND(0.000000033)	ND(0.000000030)	ND(0.000000020)
TCDFs (total)		ND(0.0000000017)	ND(0.000000033)	0.000000025	ND(0.0000000020)
1,2,3,7,8-PeCDF	-	ND(0.00000000000000000000000000000000000	ND(0.0000000052)	ND(0.0000000051)	ND(0.00000000074)
2,3,4,7,8-PeCDF		ND(0.0000000052)	ND(0.0000000052)	ND(0.0000000051)	ND(0.0000000069)
PeCDFs (total)	-	ND(0.0000000052)	ND(0.0000000052)	ND(0.0000000051)	ND(0.00000000000000000000000000000000000
1,2,3,4,7,8-HxCl	DE	ND(0.000000052)	ND(0.0000000052)	ND(0.0000000051)	ND(0.000000014)
		,	ND(0.0000000052)	ND(0.0000000051)	ND(0.000000021)
1,2,3,6,7,8-HxCl	DF	ND(0.000000052)	ND(0.000000052)		
1,2,3,7,8,9-HxCI			· · · · · · · · · · · · · · · · · · ·	,	· · · · · · · · · · · · · · · · · · ·
0040701100		ND(0.000000052)	ND(0.000000052)	ND(0.0000000051)	ND(0.000000021)
2,3,4,6,7,8-HxCl		ND(0.000000052)	ND(0.000000052) ND(0.000000052)	ND(0.0000000051) ND(0.0000000051)	ND(0.00000021) ND(0.00000023)
HxCDFs (total)	DF	ND(0.0000000052) ND(0.0000000052)	ND(0.0000000052) ND(0.0000000052) ND(0.0000000052)	ND(0.0000000051) ND(0.0000000051) ND(0.0000000051)	ND(0.000000021) ND(0.000000023) ND(0.000000023)
HxCDFs (total) 1,2,3,4,6,7,8-Hp	DF CDF	ND(0.0000000052) ND(0.000000052) ND(0.000000052)	ND(0.0000000052) ND(0.0000000052) ND(0.0000000052) ND(0.0000000052)	ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051)	ND(0.00000021) ND(0.000000023) ND(0.000000023) ND(0.000000054)
HxCDFs (total) 1,2,3,4,6,7,8-Hp 1,2,3,4,7,8,9-Hp	DF CDF	ND(0.0000000052) ND(0.0000000052) ND(0.0000000052) ND(0.0000000052)	ND(0.000000052) ND(0.000000052) ND(0.0000000052) ND(0.0000000052) ND(0.0000000052)	ND(0.000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051)	ND(0.00000021) ND(0.00000023) ND(0.000000023) ND(0.000000054) ND(0.000000054)
HxCDFs (total) 1,2,3,4,6,7,8-Hp 1,2,3,4,7,8,9-Hp HpCDFs (total)	DF CDF	ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052)	ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.0000000053) ND(0.0000000063) ND(0.0000000056)	ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051)	ND(0.00000021) ND(0.00000023) ND(0.000000023) ND(0.000000054) ND(0.000000054) ND(0.000000054)
HxCDFs (total) 1,2,3,4,6,7,8-Hp 1,2,3,4,7,8,9-Hp HpCDFs (total) OCDF	DF CDF	ND(0.0000000052) ND(0.0000000052) ND(0.0000000052) ND(0.0000000052)	ND(0.000000052) ND(0.000000052) ND(0.0000000052) ND(0.0000000052) ND(0.0000000052)	ND(0.000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051)	ND(0.000000021) ND(0.000000023) ND(0.000000023) ND(0.000000054) ND(0.000000054)
HxCDFs (total) 1,2,3,4,6,7,8-Hp 1,2,3,4,7,8,9-Hp HpCDFs (total)	DF CDF	ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052)	ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.0000000053) ND(0.0000000063) ND(0.0000000056)	ND(0.000000051) ND(0.000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000011)	ND(0.000000021) ND(0.000000023) ND(0.000000023) ND(0.000000054) ND(0.000000054) ND(0.000000054)
HxCDFs (total) 1,2,3,4,6,7,8-Hp 1,2,3,4,7,8,9-Hp HpCDFs (total) OCDF	DF CDF	ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052)	ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.0000000053) ND(0.0000000063) ND(0.0000000056)	ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) ND(0.00000000000000000000000000000000000	ND(0.00000021) ND(0.00000023) ND(0.000000023) ND(0.000000054) ND(0.000000054) ND(0.000000054)
HxCDFs (total) 1,2,3,4,6,7,8-Hp 1,2,3,4,7,8,9-Hp HpCDFs (total) OCDF Dioxins 2,3,7,8-TCDD TCDDs (total)	DF CDF CDF	ND(0.0000000052) ND(0.0000000052) ND(0.0000000052) ND(0.0000000052) ND(0.0000000052) ND(0.0000000011) ND(0.0000000020) ND(0.0000000020)	ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.0000000052) ND(0.0000000063) ND(0.0000000056) ND(0.0000000031) ND(0.0000000043) ND(0.0000000043)	ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.0000000051) ND(0.0000000051) ND(0.00000000011) ND(0.0000000023) ND(0.000000023)	ND(0.000000021) ND(0.000000023) ND(0.000000023) ND(0.000000054) ND(0.000000054) ND(0.000000054) ND(0.0000000067) ND(0.0000000030) ND(0.0000000030)
HxCDFs (total) 1,2,3,4,6,7,8-Hp 1,2,3,4,7,8,9-Hp HpCDFs (total) OCDF Dioxins 2,3,7,8-TCDD	DF CDF CDF	ND(0.0000000052) ND(0.0000000052) ND(0.0000000052) ND(0.0000000052) ND(0.0000000052) ND(0.0000000011) ND(0.0000000020)	ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.0000000052) ND(0.0000000063) ND(0.0000000056) ND(0.0000000031) ND(0.0000000043)	ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) ND(0.00000000000000000000000000000000000	ND(0.000000021) ND(0.000000023) ND(0.000000023) ND(0.000000054) ND(0.000000054) ND(0.000000054) ND(0.000000067)
HxCDFs (total) 1,2,3,4,6,7,8-Hp 1,2,3,4,7,8,9-Hp HpCDFs (total) OCDF Dioxins 2,3,7,8-TCDD TCDDs (total)	DF CDF CDF	ND(0.0000000052) ND(0.0000000052) ND(0.0000000052) ND(0.0000000052) ND(0.0000000052) ND(0.0000000011) ND(0.0000000020) ND(0.0000000020)	ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.0000000052) ND(0.0000000063) ND(0.0000000056) ND(0.0000000031) ND(0.0000000043) ND(0.0000000043)	ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.0000000051) ND(0.0000000051) ND(0.00000000011) ND(0.0000000023) ND(0.0000000023)	ND(0.000000021) ND(0.000000023) ND(0.000000023) ND(0.000000054) ND(0.000000054) ND(0.000000054) ND(0.0000000067) ND(0.0000000030) ND(0.0000000030)
HxCDFs (total) 1,2,3,4,6,7,8-Hp 1,2,3,4,7,8,9-Hp HpCDFs (total) OCDF Dioxins 2,3,7,8-TCDD TCDDs (total) 1,2,3,7,8-PeCDI	DF CDF CDF	ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.0000000011) ND(0.0000000020) ND(0.0000000020)	ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.0000000052) ND(0.0000000053) ND(0.0000000056) ND(0.0000000031) ND(0.0000000043) ND(0.000000043) ND(0.000000052)	ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000023) ND(0.0000000023) ND(0.0000000051)	ND(0.00000021) ND(0.00000023) ND(0.00000023) ND(0.00000054) ND(0.000000054) ND(0.000000054) ND(0.000000067) ND(0.000000030) ND(0.000000030) ND(0.000000031)
HxCDFs (total) 1,2,3,4,6,7,8-Hp 1,2,3,4,7,8,9-Hp HpCDFs (total) OCDF Dioxins 2,3,7,8-TCDD TCDDs (total) 1,2,3,7,8-PeCDI PeCDDs (total)	DF CDF CDF D D	ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.0000000011) ND(0.0000000020) ND(0.000000052) ND(0.000000052)	ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000063) ND(0.0000000056) ND(0.0000000031) ND(0.0000000043) ND(0.000000043) ND(0.000000052) ND(0.000000052)	ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.0000000051) ND(0.0000000023) ND(0.0000000023) ND(0.0000000023) ND(0.0000000051) ND(0.0000000023) ND(0.0000000051)	ND(0.00000021) ND(0.00000023) ND(0.00000023) ND(0.00000054) ND(0.00000054) ND(0.00000054) ND(0.000000054) ND(0.00000000000000000000000000000000000
HxCDFs (total) 1,2,3,4,6,7,8-Hp 1,2,3,4,7,8,9-Hp HpCDFs (total) OCDF Dioxins 2,3,7,8-TCDD TCDDs (total) 1,2,3,7,8-PeCDI PeCDDs (total) 1,2,3,4,7,8-HxCl	DF CDF CDF D D DD DD	ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.0000000052) ND(0.0000000052) ND(0.00000000000000000000000000000000000	ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000063) ND(0.0000000056) ND(0.0000000031) ND(0.0000000043) ND(0.0000000043) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000053)	ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.0000000051) ND(0.0000000001) ND(0.0000000023) ND(0.0000000023) ND(0.0000000023) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051)	ND(0.00000021) ND(0.00000023) ND(0.00000023) ND(0.00000054) ND(0.00000054) ND(0.000000054) ND(0.000000054) ND(0.00000000000000000000000000000000000
HxCDFs (total) 1,2,3,4,6,7,8-Hp 1,2,3,4,7,8,9-Hp HpCDFs (total) OCDF Dioxins 2,3,7,8-TCDD TCDDs (total) 1,2,3,7,8-PeCDI PeCDDs (total) 1,2,3,6,7,8-HxCl 1,2,3,6,7,8-HxCl 1,2,3,7,8,9-HxCl	DF CDF CDF D D DD DD	ND(0.0000000052) ND(0.0000000052) ND(0.0000000052) ND(0.0000000052) ND(0.0000000052) ND(0.0000000052) ND(0.0000000020) ND(0.0000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052)	ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000063) ND(0.0000000056) ND(0.0000000031) ND(0.0000000043) ND(0.0000000043) ND(0.0000000043) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000053) ND(0.000000053) ND(0.000000055)	ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.0000000051) ND(0.0000000023) ND(0.0000000023) ND(0.0000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051)	ND(0.00000021) ND(0.00000023) ND(0.00000023) ND(0.00000054) ND(0.00000054) ND(0.000000054) ND(0.000000054) ND(0.00000000000000000000000000000000000
HxCDFs (total) 1,2,3,4,6,7,8-Hp 1,2,3,4,7,8,9-Hp HpCDFs (total) OCDF Dioxins 2,3,7,8-TCDD TCDDs (total) 1,2,3,7,8-PeCDI PeCDDs (total) 1,2,3,6,7,8-HxCI 1,2,3,6,7,8-HxCI 1,2,3,7,8,9-HxCI HxCDDs (total)	DF CDF CDF D D D D D D D D D D D D D	ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.0000000052) ND(0.0000000052) ND(0.00000000000000000000000000000000000	ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000053) ND(0.0000000053) ND(0.0000000031) ND(0.0000000043) ND(0.0000000043) ND(0.0000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000053) ND(0.000000053) ND(0.000000055) ND(0.000000054)	ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.0000000051) ND(0.00000000011) ND(0.0000000023) ND(0.0000000023) ND(0.0000000051) ND(0.000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051)	ND(0.00000021) ND(0.00000023) ND(0.00000023) ND(0.00000054) ND(0.00000054) ND(0.000000054) ND(0.00000000000000000000000000000000000
HxCDFs (total) 1,2,3,4,6,7,8-Hp 1,2,3,4,7,8,9-Hp HpCDFs (total) OCDF Dioxins 2,3,7,8-TCDD TCDDs (total) 1,2,3,7,8-PeCDI PeCDDs (total) 1,2,3,7,8-HxCI 1,2,3,7,8-HxCI 1,2,3,7,8-HxCI HxCDDs (total) 1,2,3,4,6,7,8-Hp	DF CDF CDF D D D D D D D D D D D D D	ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.0000000052) ND(0.00000000000000000000000000000000000	ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000053) ND(0.0000000033) ND(0.0000000043) ND(0.0000000043) ND(0.0000000043) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000053) ND(0.000000054) ND(0.000000055) ND(0.000000054) ND(0.0000000054) ND(0.00000000000000000000000000000000000	ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.0000000051) ND(0.0000000023) ND(0.0000000023) ND(0.0000000023) ND(0.0000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051)	ND(0.00000021) ND(0.00000023) ND(0.00000023) ND(0.00000054) ND(0.00000054) ND(0.00000054) ND(0.000000054) ND(0.00000000000000000000000000000000000
HxCDFs (total) 1,2,3,4,6,7,8-Hp 1,2,3,4,7,8,9-Hp HpCDFs (total) OCDF Dioxins 2,3,7,8-TCDD TCDDs (total) 1,2,3,7,8-PeCDI PeCDDs (total) 1,2,3,6,7,8-HxCI 1,2,3,6,7,8-HxCI 1,2,3,7,8,9-HxCI HxCDDs (total)	DF CDF CDF D D D D D D D D D D D D D	ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.0000000052) ND(0.0000000052) ND(0.00000000000000000000000000000000000	ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000053) ND(0.0000000053) ND(0.0000000031) ND(0.0000000043) ND(0.0000000043) ND(0.0000000052) ND(0.000000052) ND(0.000000052) ND(0.000000052) ND(0.000000053) ND(0.000000053) ND(0.000000055) ND(0.000000054)	ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.000000051) ND(0.0000000051) ND(0.00000000011) ND(0.0000000023) ND(0.0000000023) ND(0.0000000051) ND(0.000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051) ND(0.0000000051)	ND(0.00000021) ND(0.00000023) ND(0.00000023) ND(0.00000054) ND(0.00000054) ND(0.000000054) ND(0.00000000000000000000000000000000000

Parameter	Sample ID: Date Collected:	H78B-15 10/10/07	H78B-15 04/23/08	H78B-15 10/23/08	NY-4 06/14/99
Inorganics-Un		10/10/07	04/23/00	10/23/06	00/14/99
Antimonv	Intereu	NA	NA	NA	ND(0.0600)
Arsenic		NA	NA	NA	ND(0.00600)
Barium		NA	NA	NA	0.0200
Beryllium		NA	NA	NA	ND(0.00600)
Cadmium		NA	NA	NA	ND(0.00600)
Chromium		NA	NA	NA	ND(0.0130)
Cobalt		NA	NA	NA	ND(0.0600)
Copper		NA	NA	NA	ND(0.0330)
Lead		NA	NA	NA	ND(0.130) J
Nickel		NA	NA	NA	ND(0.0600)
Selenium		NA	NA	NA	ND(0.00600) J
Silver		NA	NA	NA	ND(0.0130)
Sulfide		ND(1.00) J	ND(1.00)	ND(1.00)	ND(5.00)
Thallium		NA	NA	NA	ND(0.0130)
Tin		NA	NA	NA	ND(0.300)
Vanadium		NA	NA	NA	ND(0.0600)
Zinc		NA	NA	NA	ND(0.0260)
Inorganics-Filt	tered		•		
Antimony		ND(0.0400)	ND(0.0400)	ND(0.0400)	NA
Arsenic		0.00346 B	ND(0.0100)	ND(0.0100) J	NA
Barium		0.0546 B	ND(0.100)	ND(0.500)	NA
Beryllium		ND(0.0100)	0.000940 J	ND(0.0100)	NA
Cadmium		ND(0.00500) J	ND(0.00500) J	ND(0.00500)	NA
Chromium		ND(0.0100) J	0.00134 B	ND(0.0100) J	NA
Cobalt		ND(0.0100)	ND(0.0100) J	ND(0.0100) J	NA
Copper		ND(0.0100)	ND(0.0100) J	ND(0.200) J	NA
Lead		ND(0.0100)	ND(0.0100)	ND(0.0100) J	NA
Nickel		ND(0.0100)	ND(0.0100) J	ND(0.0500) J	NA
Selenium		ND(0.0200)	ND(0.0200)	0.00918 B J	NA
Thallium		ND(0.0100) J	ND(0.0100) J	ND(0.0100)	NA
Tin		ND(0.0100)	ND(0.0100) J	ND(0.100) J	NA
Vanadium		ND(0.0500)	ND(0.0500)	0.00587 B	NA
Zinc		0.194	ND(0.0200)	0.00439 B	NA

Parameter	Sample ID: Date Collected:	NY-4 04/30/01	OPCA-MW-1 06/16/99	OPCA-MW-1 05/02/01	OPCA-MW-1R 10/05/07
Volatile Organic	cs				
1,1,1-Trichloroet		ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0010)
1,1-Dichloroetha	ne	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0010)
Acetone		ND(0.010)	ND(0.10)	ND(0.010)	ND(0.0050) J
Bromoform		ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0010)
Chlorobenzene		ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0010)
Chloroform		ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0010)
Dibromochlorom		ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0010)
Methylene Chlor		ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroether	ne	ND(0.0020)	ND(0.0050)	ND(0.0020)	0.015
Toluene		ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0010)
Trichloroethene		ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0010)
Trichlorofluorom	ethane	ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0010)
Vinyl Chloride		ND(0.0020)	ND(0.010)	ND(0.0020)	ND(0.0010)
Total VOCs		ND(0.20)	ND(0.20)	ND(0.20)	0.015
PCBs-Unfiltered	2		0.000 <i>.</i>		
Aroclor-1254		0.00023	0.000054	ND(0.000065)	NA
Aroclor-1260		0.000080	ND(0.000050)	ND(0.000065)	NA
Total PCBs		0.00031	0.000054	ND(0.000065)	NA
PCBs-Filtered					
Aroclor-1254		0.00011	NA	ND(0.000065)	ND(0.00010)
Aroclor-1260		ND(0.000065)	NA	ND(0.000065)	ND(0.00010)
Total PCBs		0.00011	NA	ND(0.000065)	ND(0.00010)
Semivolatile Or					
1,2,4-Trichlorobe	enzene	ND(0.010)	ND(0.012)	ND(0.010)	ND(0.010)
Acenaphthene		ND(0.010)	ND(0.012)	ND(0.010)	ND(0.010)
bis(2-Ethylhexyl)	phthalate	ND(0.0060)	ND(0.012)	ND(0.010)	ND(0.010)
Dibenzofuran		ND(0.010)	ND(0.012)	ND(0.010)	ND(0.010)
Dimethylphthalat Naphthalene	ie	ND(0.010) ND(0.010)	ND(0.012) ND(0.012)	ND(0.010) ND(0.010)	ND(0.010) ND(0.010)
Furans		ND(0.010)	ND(0.012)	ND(0.010)	ND(0.010)
					0.000000005
2,3,7,8-TCDF		ND(0.000000011)	ND(0.000000011)	ND(0.000000013)	0.000000025 J
TCDFs (total) 1,2,3,7,8-PeCDF	-	ND(0.00000018) X ND(0.000000012)	0.000000090 J ND(0.000000025)	ND(0.000000013) ND0.000000037)	0.0000035 J ND(0.000000050)
2,3,4,7,8-PeCDF		0.000000034 J	ND(0.000000023)	ND(0.0000000015)	ND(0.00000000000000000000000000000000000
PeCDFs (total)		0.000000034 J	ND(0.000000024)	ND(0.0000000037)	0.00000031 J
1,2,3,4,7,8-HxC)F	ND(0.000000013)	ND(0.00000000000000000000000000000000000	ND(0.0000000025)	ND(0.00000000000000000000000000000000000
1,2,3,6,7,8-HxC		ND(0.000000032)	ND(0.0000000011)	ND(0.00000000000000000000000000000000000	ND(0.00000000000000000000000000000000000
1,2,3,7,8,9-HxC		ND(0.0000000010)	ND(0.0000000016)	ND(0.0000000021)	ND(0.00000000000000000000000000000000000
2,3,4,6,7,8-HxC		ND(0.0000000017)	ND(0.000000012)	ND(0.00000000000000000000000000000000000	ND(0.00000000000000000000000000000000000
HxCDFs (total)		ND(0.000000027)	ND(0.000000016)	ND(0.0000000046)	0.00000014
1,2,3,4,6,7,8-Hp	CDF	ND(0.000000066)	ND(0.000000073)	ND(0.000000025)	ND(0.000000050)
1.2.3.4.7.8.9-Hp		0.000000034 JB	ND(0.000000090)	ND(0.000000015)	ND(0.0000000050)
HpCDFs (total)	-	ND(0.00000014)	0.000000078 J	ND(0.000000025)	ND(0.000000050)
OCDF		0.00000023 J	ND(0.000000037)	ND(0.000000046)	ND(0.00000010)
Dioxins				, , , , , , , , , , , , , , , , , , ,	
2,3,7,8-TCDD		0.00000017	ND(0.000000012)	ND(0.000000018)	ND(0.000000013)
TCDDs (total)		0.00000017	ND(0.000000012)	ND(0.000000018)	ND(0.000000013)
1,2,3,7,8-PeCDE)	ND(0.000000018)	ND(0.000000046)	ND(0.0000000015)	ND(0.0000000050)
PeCDDs (total)		ND(0.000000093)	ND(0.000000046)	ND(0.000000015)	ND(0.000000050)
1,2,3,4,7,8-HxCE	DD	ND(0.000000016)	ND(0.000000034)	ND(0.000000012)	ND(0.000000050)
1,2,3,6,7,8-HxCE		ND(0.00000017)	ND(0.000000042)	ND(0.000000013)	ND(0.000000050)
1,2,3,7,8,9-HxCE		ND(0.00000012)	ND(0.000000038)	ND(0.000000012)	ND(0.000000050)
HxCDDs (total)		ND(0.00000062)	ND(0.000000042)	ND(0.000000025)	ND(0.000000050)
1,2,3,4,6,7,8-Hp	CDD	0.00000084 B	ND(0.000000070)	ND(0.000000045)	ND(0.000000050)
		0.00000012	ND(0.000000070)	ND(0.000000045)	ND(0.000000050)
HpCDDs (total)					
HpCDDs (total) OCDD		ND(0.00000048)	ND(0.000000044)	ND(0.00000029)	ND(0.00000010)

Parameter	Sample ID: Date Collected:	NY-4 04/30/01	OPCA-MW-1 06/16/99	OPCA-MW-1 05/02/01	OPCA-MW-1R 10/05/07
Inorganics-Un	filtered				
Antimony		ND(0.0600)	ND(0.0600)	ND(0.0600)	NA
Arsenic		0.00450 B	ND(0.00600)	0.00450 B	NA
Barium		0.0300 B	0.0620	0.0240 B	NA
Beryllium		ND(0.00100)	ND(0.00600)	ND(0.00100)	NA
Cadmium		ND(0.00500)	ND(0.00600) J	ND(0.00500)	NA
Chromium		0.00460 B	ND(0.0130)	ND(0.025) J	NA
Cobalt		ND(0.0500)	ND(0.0600)	0.000350 B	NA
Copper		0.0100 B	ND(0.0330)	ND(0.0250)	NA
Lead		ND(0.00500)	ND(0.130) J	ND(0.0050) J	NA
Nickel		ND(0.0400)	ND(0.0600)	ND(0.0400)	NA
Selenium		0.0080 J	ND(0.00600)	ND(0.00500)	NA
Silver		ND(0.00500)	ND(0.0130)	ND(0.00500)	NA
Sulfide		ND(5.00)	ND(5.00)	ND(5.00)	ND(1.00)
Thallium		ND(0.0100)	ND(0.0130)	ND(0.010) J	NA
Tin		ND(0.0300)	ND(0.300) j	ND(0.0300)	NA
Vanadium		ND(0.0500)	ND(0.0600)	ND(0.0500)	NA
Zinc		0.0350	ND(0.0260)	0.028 J	NA
Inorganics-Filt	ered				
Antimony		ND(0.0600)	NA	ND(0.0600)	ND(0.0400)
Arsenic		ND(0.0100)	NA	ND(0.0100)	ND(0.0100)
Barium		0.0170 B	NA	0.0230 B	ND(0.107)
Beryllium		ND(0.00100)	NA	ND(0.00100)	ND(0.0100) J
Cadmium		ND(0.00500)	NA	ND(0.00500)	ND(0.0050) J
Chromium		ND(0.0100)	NA	ND(0.025) J	ND(0.0100) J
Cobalt		ND(0.0500)	NA	ND(0.0500)	ND(0.0100)
Copper		0.00410 B	NA	0.00420 B	ND(0.0100) J
Lead		ND(0.00500)	NA	ND(0.0050) J	ND(0.0100) J
Nickel		ND(0.0400)	NA	ND(0.0400)	ND(0.0100) J
Selenium		0.0075 J	NA	ND(0.00500)	ND(0.0200) J
Thallium		ND(0.0100)	NA	ND(0.010) J	ND(0.0100)
Tin		ND(0.0300)	NA	ND(0.0300)	ND(0.100) J
Vanadium		ND(0.0500)	NA	ND(0.0500)	ND(0.0500)
Zinc		0.0180 B	NA	0.028 J	ND(0.0200)

Parameter	Sample ID: Date Collected:	OPCA-MW-1RR 10/20/08	OPCA-MW-2 06/15/99	OPCA-MW-2 05/02/01
Volatile Organi	cs			
1,1,1-Trichloroe	thane	ND(0.50)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
1,1-Dichloroetha	ane	ND(0.50)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Acetone		ND(2.5) J	ND(0.10) [ND(0.10)]	ND(0.010)
Bromoform		ND(0.50)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Chlorobenzene		ND(0.50)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Chloroform		ND(0.50)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Dibromochlorom		ND(0.50)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Methylene Chlo		ND(2.5)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Tetrachloroethe	ne	3.6	ND(0.0050) [ND(0.0050)]	ND(0.0020)
Toluene		ND(0.50)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Trichloroethene		ND(0.50)	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Trichlorofluorom	nethane	ND(0.50) J	ND(0.0050) [ND(0.0050)]	ND(0.0050)
Vinyl Chloride		ND(0.50) J	ND(0.010) [ND(0.010)]	ND(0.0020)
Total VOCs		3.6	ND(0.20) [ND(0.20)]	ND(0.20)
PCBs-Unfiltere	d			
Aroclor-1254		NA	ND(0.000050) [ND(0.000050)]	ND(0.000065)
Aroclor-1260		NA	ND(0.000050) [ND(0.000050)]	ND(0.000065)
Total PCBs		NA	ND(0.000050) [ND(0.000050)]	ND(0.000065)
PCBs-Filtered				
Aroclor-1254		ND(0.00010) J	NA	ND(0.000065)
Aroclor-1260		ND(0.00010) J	NA	ND(0.000065)
Total PCBs		ND(0.00010) J	NA	ND(0.000065)
Semivolatile O	rganics	()-		()
1,2,4-Trichlorob	-	ND(0.0051)	ND(0.010) [ND(0.010)]	ND(0.010)
Acenaphthene		ND(0.0051)	ND(0.010) [ND(0.010)]	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0051)	ND(0.010) [ND(0.010)]	ND(0.0060)
Dibenzofuran	/printialate	ND(0.0051)	ND(0.010) [ND(0.010)]	ND(0.010)
Dimethylphthala	ite	ND(0.0051)	ND(0.010) [ND(0.010)]	ND(0.010)
Naphthalene		ND(0.0051)	ND(0.010) [ND(0.010)]	ND(0.010)
Furans		()		()
2,3,7,8-TCDF		ND(0.000000035)	ND(0.0000000080) [ND(0.0000000060)]	ND(0.000000013)
TCDFs (total)		ND(0.000000035)	ND(0.0000000080) [ND(0.00000000000)]	ND(0.000000013)
1,2,3,7,8-PeCD	F	ND(0.000000053)	ND(0.000000038) [ND(0.000000021)]	ND(0.000000020)
2,3,4,7,8-PeCD		ND(0.000000053)	ND(0.000000040) [ND(0.000000023)]	ND(0.000000020)
PeCDFs (total)		ND(0.000000053)	ND(0.000000040) [ND(0.000000023)]	ND(0.000000020)
1,2,3,4,7,8-HxC	DF	ND(0.000000053)	ND(0.000000011) [ND(0.000000051)]	ND(0.000000022)
1,2,3,6,7,8-HxC		ND(0.000000053)	ND(0.000000011) [ND(0.000000052)]	ND(0.000000010)
1,2,3,7,8,9-HxC		ND(0.000000053)	ND(0.00000017) [ND(0.000000049)]	ND(0.000000014)
2,3,4,6,7,8-HxC		ND(0.000000053)	ND(0.000000011) [ND(0.0000000054)]	ND(0.000000012)
HxCDFs (total)		ND(0.000000053)	ND(0.000000017) [ND(0.0000000054)]	ND(0.000000022)
1,2,3,4,6,7,8-Hp	CDF	ND(0.000000053)	ND(0.00000048) [ND(0.00000011)]	ND(0.000000018)
1,2,3,4,7,8,9-Hp		ND(0.000000065)	ND(0.00000031) [ND(0.00000013)]	ND(0.000000022)
HpCDFs (total)		ND(0.000000065)	ND(0.00000048) [0.00000013 J]	ND(0.000000020)
OCDF		ND(0.00000015)	ND(0.00000022) [ND(0.00000010)]	ND(0.000000043)
Dioxins		,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
2,3,7,8-TCDD		ND(0.000000032)	ND(0.000000015) [ND(0.000000011)]	ND(0.000000017)
TCDDs (total)		ND(0.000000032)	ND(0.0000000015) [ND(0.0000000011)]	ND(0.000000017)
1,2,3,7,8-PeCDI	D	ND(0.0000000053)	ND(0.000000015) [ND(0.0000000076)]	ND(0.000000018)
PeCDDs (total)	-	ND(0.0000000053)	ND(0.00000015) [ND(0.000000076)]	ND(0.0000000018)
1,2,3,4,7,8-HxC	חח	ND(0.0000000053)	ND(0.000000014) [ND(0.0000000068)]	ND(0.0000000017)
1,2,3,6,7,8-HxC		ND(0.0000000053)	ND(0.000000017) [ND(0.0000000085)]	ND(0.0000000017)
1,2,3,7,8,9-HxC		ND(0.0000000053)	ND(0.000000015) [ND(0.0000000076)]	ND(0.0000000017)
HxCDDs (total)		ND(0.0000000053)	ND(0.000000017) [ND(0.0000000085)]	ND(0.0000000017)
1,2,3,4,6,7,8-Hp	CDD	ND(0.000000011)	ND(0.00000036) [ND(0.000000013)]	ND(0.0000000031)
HpCDDs (total)		ND(0.000000011)	ND(0.000000036) [ND(0.000000013)]	ND(0.0000000031)
OCDD (total)		ND(0.000000018)	ND(0.000000033) [ND(0.000000015)]	ND(0.000000012)
Total TEQs (WF		0.000000078	0.000000015 [0.000000074]	0.0000000029
		0.000000070	0.00000010[0.000000014]	0.000000023

Parameter	Sample ID: Date Collected:	OPCA-MW-1RR 10/20/08	OPCA-MW-2 06/15/99	OPCA-MW-2 05/02/01
Inorganics-Un				
Antimony		NA	ND(0.0600) [ND(0.0600)]	ND(0.0600)
Arsenic		NA	ND(0.00600) [ND(0.00600)]	ND(0.0100)
Barium		NA	0.0320 [0.0340]	0.0190 B
Beryllium		NA	ND(0.00600) [ND(0.00600)]	ND(0.00100)
Cadmium		NA	ND(0.00600) [ND(0.00600)]	ND(0.00500)
Chromium		NA	ND(0.0130) [ND(0.0130)]	ND(0.025) J
Cobalt		NA	ND(0.0600) [ND(0.0600)]	ND(0.0500)
Copper		NA	ND(0.0330) [ND(0.0330)]	ND(0.0250)
Lead		NA	ND(0.130) J [ND(0.130) J]	ND(0.0050) J
Nickel		NA	ND(0.0600) [ND(0.0600)]	ND(0.0400)
Selenium		NA	ND(0.00600) J [ND(0.00600) J]	0.00890
Silver		NA	ND(0.0130) [ND(0.0130)]	ND(0.00500)
Sulfide		1.20	ND(5.00) [ND(5.00)]	ND(5.00)
Thallium		NA	ND(0.0130) [ND(0.0130)]	ND(0.010) J
Tin		NA	ND(0.300) [ND(0.300)]	ND(0.0300)
Vanadium		NA	ND(0.0600) [ND(0.0600)]	ND(0.0500)
Zinc		NA	ND(0.0260) [ND(0.0260)]	0.016 BJ
Inorganics-Filt	ered			
Antimony		ND(0.0400)	NA	ND(0.0600)
Arsenic		0.00195 B J	NA	ND(0.0100)
Barium		0.0453 B	NA	0.0180 B
Beryllium		ND(0.0100) J	NA	ND(0.00100)
Cadmium		0.00256 B J	NA	ND(0.00500)
Chromium		ND(0.0100) J	NA	ND(0.025) J
Cobalt		ND(0.0100) J	NA	ND(0.0500)
Copper		ND(0.200) J	NA	ND(0.0250)
Lead		0.00395 B J	NA	ND(0.0050) J
Nickel		ND(0.0500)	NA	ND(0.0400)
Selenium		ND(0.0200) J	NA	ND(0.00500)
Thallium		ND(0.0100) J	NA	ND(0.010) J
Tin		ND(0.100) J	NA	ND(0.0300)
Vanadium		ND(0.0500)	NA	ND(0.0500)
Zinc		ND(0.0500)	NA	0.020 BJ

Table D-1 OPCA Monitoring Program

Parameter	Sample ID: Date Collected:	OPCA-MW-2 10/08/07	OPCA-MW-2R 10/20-10/21/08	OPCA-MW-3 06/16/99
Volatile Organi	CS			
1,1,1-Trichloroe	thane	0.00013 J [0.00013 J]	0.00013 J	ND(0.0050)
1,1-Dichloroetha	ane	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0050)
Acetone		ND(0.0050) J [ND(0.0050) J]	ND(0.0050) J	ND(0.10)
Bromoform		ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0050)
Chlorobenzene		ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0050)
Chloroform		ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0050)
Dibromochlorom	nethane	ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0050)
Methylene Chlo		ND(0.0050) [ND(0.0050)]	ND(0.0050)	ND(0.0050)
Tetrachloroethe		ND(0.0010) [ND(0.0010)]	0.0030	ND(0.0050)
Toluene		ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0050)
Trichloroethene		ND(0.0010) [ND(0.0010)]	ND(0.0010)	ND(0.0050)
Trichlorofluorom	ethane	0.00040 J [0.00041 J]	ND(0.0010) J	ND(0.0050)
Vinyl Chloride	lethane	ND(0.0010) [ND(0.0010)]	ND(0.0010) J	ND(0.010)
Total VOCs		0.00053 J [0.00054 J]	0.0031 J	ND(0.20)
PCBs-Unfiltere	4	0.00003 3 [0.00034 3]	0.00313	ND(0.20)
	u	N1 A	NIA	0.0000.40.1
Aroclor-1254		NA	NA	0.000040 J
Aroclor-1260		NA	NA	ND(0.000051)
Total PCBs		NA	NA	0.000040 J
PCBs-Filtered				
Aroclor-1254		ND(0.00010) [ND(0.00010)]	ND(0.000072) J	NA
Aroclor-1260		ND(0.00010) [ND(0.00010)]	ND(0.000072) J	NA
Total PCBs		ND(0.00010) [ND(0.00010)]	ND(0.000072) J	NA
Semivolatile O	rganics		•	
1,2,4-Trichlorob	enzene	ND(0.010) [ND(0.010)]	ND(0.0053)	ND(0.011)
Acenaphthene		ND(0.010) [ND(0.010)]	ND(0.0053)	ND(0.011)
bis(2-Ethylhexyl)phthalate	ND(0.010) [ND(0.010)]	ND(0.0053)	ND(0.011)
Dibenzofuran	/[ND(0.010) [ND(0.010)]	ND(0.0053)	ND(0.011)
Dimethylphthala	te	ND(0.010) [ND(0.010)]	ND(0.0053)	ND(0.011)
Naphthalene		ND(0.010) [ND(0.010)]	ND(0.0053)	ND(0.011)
Furans			()	()
2,3,7,8-TCDF		ND(0.000000014) [ND(0.000000015) X]	ND(0.000000036)	ND(0.000000035)
TCDFs (total)		0.00000036 J [0.00000050 J]	ND(0.000000036)	ND(0.0000000035)
1,2,3,7,8-PeCDI	-	ND(0.000000050) [ND(0.000000051)]	ND(0.0000000052)	ND(0.00000000000000000000000000000000000
2,3,4,7,8-PeCD		ND(0.0000000050) [ND(0.000000051)]	ND(0.0000000052)	ND(0.0000000039)
PeCDFs (total)	Γ	0.000000016 J [0.000000049 J]	ND(0.0000000052)	ND(0.00000000000000000000000000000000000
		ND(0.000000050) [0.000000055 J]	ND(0.0000000052)	ND(0.0000000013)
1,2,3,4,7,8-HxC			· · · /	ND(0.000000013)
1,2,3,6,7,8-HxC		ND(0.000000050) [ND(0.000000051)]	ND(0.000000052)	· · · · · · · · · · · · · · · · · · ·
1,2,3,7,8,9-HxC		ND(0.000000050) [ND(0.000000051)]	ND(0.000000052)	ND(0.000000018)
2,3,4,6,7,8-HxC	DF	ND(0.000000050) [ND(0.000000051)]	ND(0.000000052)	ND(0.000000013)
HxCDFs (total)	005	ND(0.000000050) [0.00000017 J]	ND(0.000000052)	ND(0.000000018)
1,2,3,4,6,7,8-Hp		ND(0.000000050) [ND(0.000000051)]	ND(0.000000052)	ND(0.000000080)
1,2,3,4,7,8,9-Hp	CDF	ND(0.000000050) [ND(0.000000051)]	ND(0.000000058)	ND(0.000000099)
HpCDFs (total)		ND(0.000000050) [ND(0.000000051)]	ND(0.000000058)	ND(0.000000099)
OCDF		ND(0.00000010) [ND(0.00000010)]	ND(0.00000013)	ND(0.000000041)
Dioxins				
2,3,7,8-TCDD		ND(0.000000014) [ND(0.000000018) X]	ND(0.000000032)	ND(0.000000020)
TCDDs (total)		ND(0.000000014) [ND(0.000000012)]	ND(0.000000032)	ND(0.000000020)
1,2,3,7,8-PeCD	D	ND(0.000000050) [ND(0.000000051)]	ND(0.000000052)	ND(0.000000089)
PeCDDs (total)		ND(0.0000000050) [ND(0.000000051)]	ND(0.000000052)	ND(0.000000089)
1,2,3,4,7,8-HxC	DD	ND(0.0000000050) [ND(0.000000051)]	ND(0.000000052)	ND(0.0000000058)
1,2,3,6,7,8-HxC		ND(0.000000050) [ND(0.000000051)]	ND(0.000000052)	ND(0.000000072)
1,2,3,7,8,9-HxC	DD	ND(0.000000050) [ND(0.000000051)]	ND(0.000000052)	ND(0.000000064)
HxCDDs (total)		ND(0.000000050) [ND(0.000000051)]	ND(0.000000052)	ND(0.000000072)
1,2,3,4,6,7,8-Hp	CDD	ND(0.000000050) [ND(0.000000051)]	ND(0.000000083)	ND(0.0000000077)
HpCDDs (total)		ND(0.000000050) [ND(0.000000051)]	ND(0.000000083)	ND(0.0000000077)
OCDD OCDD		ND(0.000000010) [0.000000015 J]	ND(0.0000000016)	ND(0.0000000048)
Total TEQs (WF		0.000000065 [0.000000071]	0.000000077	0.0000000081
			0.000000011	0.000000000

Parameter	Sample ID: Date Collected:	OPCA-MW-2 10/08/07	OPCA-MW-2R 10/20-10/21/08	OPCA-MW-3 06/16/99
Inorganics-Un		10/08/07	10/20-10/21/00	00/10/33
Antimony		NA	NA	ND(0.0600)
Arsenic		NA	NA	ND(0.00600)
Barium		NA	NA	0.00950
Beryllium		NA	NA	ND(0.00600)
Cadmium		NA	NA	ND(0.00600) J
Chromium		NA	NA	ND(0.0130)
Cobalt		NA	NA	ND(0.0600)
Copper		NA	NA	ND(0.0330)
Lead		NA	NA	ND(0.130) J
Nickel		NA	NA	ND(0.0600)
Selenium		NA	NA	ND(0.00600)
Silver		NA	NA	ND(0.0130)
Sulfide		ND(1.00) J [ND(1.00) J]	1.00	ND(5.00)
Thallium		NA	NA	ND(0.0130)
Tin		NA	NA	ND(0.300) j
Vanadium		NA	NA	ND(0.0600)
Zinc		NA	NA	0.0880
Inorganics-Filt	tered		<u>I</u>	
Antimony		ND(0.0400) [ND(0.0400)]	ND(0.0400)	NA
Arsenic		ND(0.0100) J [ND(0.0100) J]	ND(0.0100) J	NA
Barium		0.0144 B [0.0128 B]	0.0435 B	NA
Beryllium		ND(0.0100) J [ND(0.0100) J]	ND(0.0100) J	NA
Cadmium		ND(0.00500) J [ND(0.00500) J]	0.00263 B J	NA
Chromium		ND(0.0100) [ND(0.0100)]	ND(0.0100) J	NA
Cobalt		ND(0.0100) [ND(0.0100)]	ND(0.0100) J	NA
Copper		ND(0.0100) [ND(0.0100)]	ND(0.200) J	NA
Lead		ND(0.0100) [ND(0.0100)]	0.00420 B J	NA
Nickel		0.00638 B [ND(0.0100)]	ND(0.0500)	NA
Selenium		ND(0.0200) J [ND(0.0200) J]	ND(0.0200) J	NA
Thallium		ND(0.0100) [ND(0.0100)]	ND(0.0100) J	NA
Tin		ND(0.0100) [ND(0.0100)]	ND(0.100) J	NA
Vanadium		ND(0.0500) [ND(0.0500)]	ND(0.0500)	NA
Zinc		ND(0.0200) [ND(0.0200)]	ND(0.0500)	NA

Volatile Organics 1,1,1-Trichloroethane Acetone Bromoform Chlorobenzene Chloroform Dibromochlorometha Methylene Chloride Tetrachloroethene Trichloroethene Trichlorofluorometha Vinyl Chloride	e	ND(0.0050) ND(0.0050)	ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1-Dichloroethane Acetone Bromoform Chlorobenzene Chloroform Dibromochlorometha Methylene Chloride Tetrachloroethene Toluene Trichloroethene Trichlorofluorometha	e	ND(0.0050)			ND(0.0010)
Acetone Bromoform Chlorobenzene Chloroform Dibromochlorometha Methylene Chloride Tetrachloroethene Toluene Trichloroethene Trichlorofluorometha		· · · · ·			
Bromoform Chlorobenzene Chloroform Dibromochlorometha Methylene Chloride Tetrachloroethene Toluene Trichloroethene Trichlorofluorometha			ND(0.0010)	ND(0.0010)	ND(0.0010)
Chlorobenzene Chloroform Dibromochlorometha Methylene Chloride Tetrachloroethene Toluene Trichloroethene Trichlorofluorometha		ND(0.010)	ND(0.0050) J	ND(0.0050) J	ND(0.0050) J
Chloroform Dibromochlorometha Methylene Chloride Tetrachloroethene Toluene Trichloroethene Trichlorofluorometha		ND(0.0050)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Dibromochlorometh Methylene Chloride Tetrachloroethene Toluene Trichloroethene Trichlorofluorometha		ND(0.0050)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Methylene Chloride Tetrachloroethene Toluene Trichloroethene Trichlorofluorometha		ND(0.0050)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Tetrachloroethene Toluene Trichloroethene Trichlorofluorometha	ane	ND(0.0050)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Toluene Trichloroethene Trichlorofluorometha		ND(0.0050)	ND(0.0050)	ND(0.0050) J	ND(0.0050)
Trichloroethene Trichlorofluorometha		ND(0.0020)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichlorofluorometha		ND(0.0050)	ND(0.0010)	ND(0.0010)	ND(0.0010)
		ND(0.0050)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Vinvl Chloride	ane	ND(0.0050)	ND(0.0010)	ND(0.0010)	ND(0.0010)
		ND(0.0020)	ND(0.0010)	ND(0.0010)	ND(0.0010)
Total VOCs		ND(0.20)	ND(0.10)	ND(0.10)	ND(0.10)
PCBs-Unfiltered					
Aroclor-1254		ND(0.000065)	NA	NA	NA
Aroclor-1260		ND(0.000065)	NA	NA	NA
Total PCBs	T	ND(0.000065)	NA	NA	NA
PCBs-Filtered					<u>.</u>
Aroclor-1254		ND(0.000065)	ND(0.000065)	ND(0.000066) J	ND(0.00011)
Aroclor-1260		ND(0.000065)	ND(0.000065)	ND(0.000066) J	ND(0.00011)
Total PCBs		ND(0.000065)	ND(0.000065)	ND(0.000066) J	ND(0.00011)
Semivolatile Organ	lics	()	(,	(
1,2,4-Trichlorobenze		ND(0.010)	ND(0.010)	ND(0.0053)	ND(0.0054)
Acenaphthene		ND(0.010)	ND(0.010)	ND(0.0053)	ND(0.0054)
bis(2-Ethylhexyl)pht	halate	ND(0.0060)	ND(0.010)	ND(0.0053)	ND(0.0054)
Dibenzofuran		ND(0.010)	ND(0.010)	ND(0.0053)	ND(0.0054)
Dimethylphthalate		ND(0.010)	ND(0.010)	ND(0.0053)	ND(0.0054)
Naphthalene		ND(0.010)	ND(0.010)	ND(0.0053)	ND(0.0054)
Furans		(/	()	()	()
2,3,7,8-TCDF		ND(0.000000011)	ND(0.000000015)	ND(0.000000049)	ND(0.000000048)
TCDFs (total)		ND(0.0000000011)	ND(0.0000000015)	ND(0.0000000049)	ND(0.000000048)
1,2,3,7,8-PeCDF		ND(0.000000016)	ND(0.0000000050)	ND(0.0000000052)	ND(0.0000000054)
2,3,4,7,8-PeCDF		ND(0.000000016)	ND(0.0000000050)	ND(0.0000000052)	ND(0.0000000054)
PeCDFs (total)		ND(0.000000016)	ND(0.0000000050)	ND(0.0000000052)	ND(0.0000000054)
1,2,3,4,7,8-HxCDF		ND(0.0000000010)	ND(0.0000000050)	ND(0.0000000052)	ND(0.0000000054)
1,2,3,6,7,8-HxCDF		ND(0.0000000010)	ND(0.0000000050)	ND(0.0000000052)	ND(0.0000000054)
1,2,3,7,8,9-HxCDF		ND(0.000000013)	ND(0.0000000050)	ND(0.0000000052)	ND(0.0000000054)
2,3,4,6,7,8-HxCDF		ND(0.0000000011)	ND(0.0000000050)	ND(0.0000000052)	ND(0.0000000054)
HxCDFs (total)		ND(0.0000000011)	ND(0.000000050)	ND(0.0000000052)	ND(0.000000054)
1,2,3,4,6,7,8-HpCDF	-	ND(0.000000014)	ND(0.0000000050)	ND(0.0000000053)	ND(0.0000000059)
1,2,3,4,7,8,9-HpCDF		ND(0.000000017)	ND(0.000000050)	ND(0.000000067)	ND(0.000000076)
HpCDFs (total)		ND(0.000000015)	ND(0.000000050)	ND(0.0000000059)	ND(0.0000000076)
OCDF		ND(0.000000031)	ND(0.00000010)	ND(0.000000012)	ND(0.00000025)
Dioxins		()	()	(/	(
2,3,7,8-TCDD		ND(0.000000016)	ND(0.000000017)	ND(0.000000054)	ND(0.000000043)
TCDDs (total)		ND(0.0000000016)	ND(0.0000000017)	ND(0.0000000054)	ND(0.000000043)
1,2,3,7,8-PeCDD		ND(0.0000000018)	ND(0.00000000000000000000000000000000000	ND(0.0000000052)	ND(0.0000000043)
PeCDDs (total)		ND(0.0000000018)	ND(0.00000000000000000000000000000000000	ND(0.0000000052)	ND(0.0000000054)
1,2,3,4,7,8-HxCDD		ND(0.0000000016)	ND(0.00000000000000000000000000000000000	ND(0.0000000052)	ND(0.0000000054)
1.2.3.6.7.8-HxCDD		ND(0.0000000017)	ND(0.00000000000000000000000000000000000	ND(0.0000000052)	ND(0.0000000054)
1,2,3,7,8,9-HxCDD		ND(0.0000000016)	ND(0.00000000000000000000000000000000000	ND(0.0000000052)	ND(0.0000000054)
HxCDDs (total)		ND(0.0000000016)	ND(0.00000000000000000000000000000000000	ND(0.0000000052)	ND(0.0000000054)
1,2,3,4,6,7,8-HpCDI		ND(0.00000000000000000000000000000000000	ND(0.00000000000000000000000000000000000	ND(0.0000000077)	ND(0.000000012)
HpCDDs (total)	-	ND(0.0000000025)	ND(0.00000000000000000000000000000000000	ND(0.0000000077)	ND(0.000000012)
		ND(0.000000023)	ND(0.00000000000000000000000000000000000	ND(0.000000012)	ND(0.000000012)
HpCDDs (total)					

Parameter	Sample ID: Date Collected:	OPCA-MW-3 05/02/01	OPCA-MW-3 10/09/07	OPCA-MW-3 04/23/08	OPCA-MW-3 10/22/08
Inorganics-Un	filtered				
Antimony		ND(0.0600)	NA	NA	NA
Arsenic		0.00420 B	NA	NA	NA
Barium		0.0760 B	NA	NA	NA
Beryllium		ND(0.00100)	NA	NA	NA
Cadmium		ND(0.00500)	NA	NA	NA
Chromium		ND(0.025) J	NA	NA	NA
Cobalt		ND(0.0500)	NA	NA	NA
Copper		0.00610 B	NA	NA	NA
Lead		ND(0.0050) J	NA	NA	NA
Nickel		ND(0.0400)	NA	NA	NA
Selenium		0.00540	NA	NA	NA
Silver		ND(0.00500)	NA	NA	NA
Sulfide		ND(5.00)	ND(1.00)	ND(1.00)	ND(1.00)
Thallium		ND(0.010) J	NA	NA	NA
Tin		ND(0.0300)	NA	NA	NA
Vanadium		ND(0.0500)	NA	NA	NA
Zinc		0.035 J	NA	NA	NA
Inorganics-Filt	tered			•	
Antimony		ND(0.0600)	ND(0.0400)	ND(0.0400)	ND(0.0400)
Arsenic		ND(0.0100)	ND(0.0100)	ND(0.0100)	ND(0.0100) J
Barium		0.0700 B	0.0620 B	0.0277 B	0.0519 B
Beryllium		ND(0.00100)	0.000330 B	0.00548 J	ND(0.0100) J
Cadmium		ND(0.00500)	ND(0.00500) J	ND(0.00500) J	ND(0.00500) J
Chromium		ND(0.025) J	ND(0.0100) J	0.00224 B	ND(0.0100) J
Cobalt		ND(0.0500)	ND(0.0100)	ND(0.0100) J	ND(0.0100) J
Copper		0.00660 B	ND(0.0100)	ND(0.0100) J	ND(0.200) J
Lead		ND(0.0050) J	ND(0.0100)	ND(0.0100)	0.00564 B J
Nickel		ND(0.0400)	ND(0.0100)	ND(0.0100) J	ND(0.0500)
Selenium		ND(0.00500)	ND(0.0200)	ND(0.0200)	ND(0.0200) J
Thallium		ND(0.010) J	ND(0.0100) J	0.00638 J	ND(0.0100) J
Tin		ND(0.0300)	ND(0.0100)	ND(0.0100) J	ND(0.100) J
Vanadium		ND(0.0500)	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc		0.017 J	ND(0.0200)	ND(0.0200)	ND(0.0500)

Parameter	Sample ID: Date Collected:	OPCA-MW-4 06/15/99	OPCA-MW-4 05/02/01	OPCA-MW-4 10/09/07	OPCA-MW-4 04/22/08
Volatile Organic					
1,1,1-Trichloroet	hane	ND(0.0050)	ND(0.0050)	ND(0.0010)	ND(0.0010) J
1,1-Dichloroetha	ne	ND(0.0050)	ND(0.0050)	ND(0.0010)	ND(0.0010) J
Acetone		ND(0.10)	ND(0.010)	ND(0.0050) J	ND(0.0050) J
Bromoform		ND(0.0050)	ND(0.0050)	ND(0.0010)	ND(0.0010)
Chlorobenzene		ND(0.0050)	ND(0.0050)	ND(0.0010)	0.00012 J
Chloroform		ND(0.0050)	ND(0.0050)	ND(0.0010)	ND(0.0010)
Dibromochlorom		ND(0.0050)	ND(0.0050)	ND(0.0010)	ND(0.0010)
Methylene Chlori		ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethen	e	ND(0.0050)	ND(0.0020)	ND(0.0010)	ND(0.0010)
Toluene		ND(0.0050)	ND(0.0050)	0.00032 J	ND(0.0010) J
Trichloroethene		ND(0.0050)	ND(0.0050)	0.0017	0.0014 J
Trichlorofluorome	ethane	ND(0.0050)	ND(0.0050)	ND(0.0010)	ND(0.0010) J
Vinyl Chloride		ND(0.010)	ND(0.0020)	ND(0.0010)	0.00032 J
Total VOCs		ND(0.20)	ND(0.20)	0.0020 J	0.0018 J
PCBs-Unfiltered	1				
Aroclor-1254		0.00089	0.000093	NA	NA
Aroclor-1260		ND(0.000050)	ND(0.000065)	NA	NA
Total PCBs		0.00089	0.000093	NA	NA
PCBs-Filtered					
Aroclor-1254		NA	0.00015	ND(0.000065)	ND(0.000068)
Aroclor-1260		NA	ND(0.000065)	ND(0.000065)	ND(0.000068)
Total PCBs		NA	0.00015	ND(0.000065)	ND(0.000068)
Semivolatile Or					
1,2,4-Trichlorobe	enzene	ND(0.010)	ND(0.010)	ND(0.010)	0.0016 J
Acenaphthene		ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0052)
bis(2-Ethylhexyl)	phthalate	ND(0.010)	ND(0.0060)	ND(0.010)	ND(0.0052)
Dibenzofuran		ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0052)
Dimethylphthalat	e	ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0052)
Naphthalene		ND(0.010)	ND(0.010)	ND(0.010)	ND(0.0052)
Furans					
2,3,7,8-TCDF		ND(0.0000000070)	ND(0.000000012)	ND(0.000000020)	0.000000094 J
TCDFs (total)		ND(0.0000000070)	0.00000016	ND(0.000000020)	0.0000022
1,2,3,7,8-PeCDF		ND(0.000000043)	ND(0.000000083)	ND(0.000000052)	0.000000074 J
2,3,4,7,8-PeCDF		ND(0.000000040)	ND(0.00000011)	ND(0.000000052)	ND(0.000000066)
PeCDFs (total)		ND(0.000000043)	ND(0.00000063)	ND(0.000000056)	0.00000042 J
1,2,3,4,7,8-HxCE	DF	ND(0.000000090)	ND(0.000000053)	ND(0.000000052)	ND(0.000000051)
1,2,3,6,7,8-HxCE	DF	ND(0.000000092)	ND(0.000000045)	ND(0.000000052)	ND(0.000000051)
1,2,3,7,8,9-HxCE	DF	ND(0.000000087)	ND(0.000000056)	ND(0.000000052)	ND(0.000000053)
2,3,4,6,7,8-HxCE	DF	ND(0.000000095)	ND(0.000000032)	ND(0.000000052)	ND(0.000000051)
HxCDFs (total)		ND(0.000000095)	ND(0.00000019)	ND(0.000000052)	0.00000011 J
1,2,3,4,6,7,8-Hp0		ND(0.00000020)	ND(0.000000046)	ND(0.000000052)	ND(0.000000051)
1,2,3,4,7,8,9-Hp0	CDF	ND(0.00000020)	ND(0.000000037)	ND(0.000000052)	ND(0.000000063)
HpCDFs (total)		ND(0.00000020)	ND(0.000000084)	ND(0.000000052)	ND(0.000000055)
OCDF		ND(0.00000020)	ND(0.000000090)	ND(0.00000010)	ND(0.00000013)
Dioxins					
2,3,7,8-TCDD		ND(0.000000013)	ND(0.000000047)	ND(0.000000025)	ND(0.000000041)
TCDDs (total)		ND(0.000000013)	ND(0.000000047)	ND(0.000000025)	ND(0.000000041)
1,2,3,7,8-PeCDD)	ND(0.00000018)	ND(0.000000065)	ND(0.000000052)	ND(0.000000051)
PeCDDs (total)		ND(0.00000018)	ND(0.000000065)	ND(0.000000052)	ND(0.000000051)
1,2,3,4,7,8-HxCE		ND(0.00000013)	ND(0.000000043)	ND(0.000000052)	ND(0.000000054)
1,2,3,6,7,8-HxCE		ND(0.000000016)	ND(0.000000016)	ND(0.000000052)	ND(0.000000055)
1,2,3,7,8,9-HxCE	D	ND(0.00000014)	ND(0.000000052)	ND(0.000000052)	ND(0.000000056)
HxCDDs (total)		ND(0.000000016)	ND(0.000000094)	ND(0.000000052)	ND(0.000000055)
1,2,3,4,6,7,8-Hp0	CDD	ND(0.00000027)	ND(0.000000064)	ND(0.000000052)	ND(0.000000085)
HpCDDs (total)		ND(0.00000027)	ND(0.000000064)	ND(0.000000052)	ND(0.000000085)
0000		ND(0.00000030)	ND(0.00000029)	ND(0.00000010)	ND(0.00000016)
OCDD Total TEQs (WH		0.000000015	0.00000010	0.000000073	0.000000095

Parameter	Sample ID: Date Collected:	OPCA-MW-4 06/15/99	OPCA-MW-4 05/02/01	OPCA-MW-4 10/09/07	OPCA-MW-4 04/22/08
Inorganics-Un	filtered				
Antimony		ND(0.0600)	ND(0.0600)	NA	NA
Arsenic		ND(0.00600)	ND(0.0100)	NA	NA
Barium		0.0370	0.0270 B	NA	NA
Beryllium		ND(0.00600)	ND(0.00100)	NA	NA
Cadmium		ND(0.00600)	ND(0.00500)	NA	NA
Chromium		ND(0.0130)	ND(0.0100) J	NA	NA
Cobalt		ND(0.0600)	ND(0.0500)	NA	NA
Copper		ND(0.0330)	ND(0.0250)	NA	NA
Lead		ND(0.130) J	ND(0.00500) J	NA	NA
Nickel		ND(0.0600)	ND(0.0400)	NA	NA
Selenium		ND(0.00600) J	ND(0.00500)	NA	NA
Silver		ND(0.0130)	ND(0.00500)	NA	NA
Sulfide		ND(5.00)	ND(5.00)	ND(1.00)	1.00 J
Thallium		ND(0.0130)	ND(0.0100) J	NA	NA
Tin		ND(0.300)	ND(0.0300)	NA	NA
Vanadium		ND(0.0600)	ND(0.0500)	NA	NA
Zinc		ND(0.0260)	0.0130 J	NA	NA
Inorganics-Filt	tered			•	
Antimony		NA	0.00800 B	ND(0.0400)	ND(0.0400)
Arsenic		NA	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium		NA	0.0260 B	0.0270 B	0.00975 B
Beryllium		NA	ND(0.00100)	0.00373 B	ND(0.0100) J
Cadmium		NA	ND(0.00500)	ND(0.00500) J	ND(0.00500) J
Chromium		NA	ND(0.0100) J	ND(0.0100) J	0.00150 B
Cobalt		NA	ND(0.0500)	ND(0.0100)	ND(0.0100) J
Copper		NA	ND(0.0250)	ND(0.0100)	ND(0.0100) J
Lead		NA	ND(0.00500) J	ND(0.0100)	ND(0.0100)
Nickel		NA	ND(0.0400)	ND(0.0100)	ND(0.0100) J
Selenium		NA	0.00650	ND(0.0200)	ND(0.0200)
Thallium		NA	ND(0.0100) J	ND(0.0100) J	0.00936 J
Tin		NA	ND(0.0300)	ND(0.0100)	ND(0.0100) J
Vanadium		NA	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc		NA	0.0150 J	0.0100 B	0.0112 B

Denemator	Sample ID:		OPCA-MW-5	OPCA-MW-5R	OPCA-MW-5R
Parameter	Date Collected:	10/20/08	06/15/99	06/28/01	10/09/07
Volatile Organi 1,1,1-Trichloroe		ND(0.0010)	ND(0.0050)	ND(0.0050)	ND(0.0010)
1.1-Dichloroetha		ND(0.0010)	ND(0.0050)	ND(0.0050)	ND(0.0010)
Acetone		ND(0.0050) J	ND(0.0050)	ND(0.0030)	ND(0.0050) J
Bromoform		ND(0.0030) 3	ND(0.0050)	ND(0.0050) J	ND(0.0030) 3
Chlorobenzene		0.00017 J	ND(0.0050)	ND(0.0050)	0.00024 J
Chloroform		ND(0.0010)	ND(0.0050)	ND(0.0050)	ND(0.0010)
Dibromochlorom	nethane	ND(0.0010)	ND(0.0050)	ND(0.0050)	ND(0.0010)
Methylene Chlo		ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroethe		ND(0.0010)	ND(0.0050)	ND(0.0020)	ND(0.0010)
Toluene		ND(0.0010)	ND(0.0050)	ND(0.0050)	0.00011 J
Trichloroethene		0.0016	ND(0.0050)	ND(0.0050)	ND(0.0010)
Trichlorofluorom	nethane	ND(0.0010) J	ND(0.0050)	ND(0.0050)	ND(0.0010)
Vinyl Chloride		ND(0.0010) J	ND(0.010)	ND(0.0020)	ND(0.0010)
Total VOCs		0.0018 J	ND(0.20)	ND(0.20)	0.00035 J
PCBs-Unfiltere	d				
Aroclor-1254		NA	ND(0.000051)	ND(0.000065)	NA
Aroclor-1260		NA	ND(0.000051)	ND(0.000065)	NA
Total PCBs		NA	ND(0.000051)	ND(0.000065)	NA
PCBs-Filtered					
Aroclor-1254		ND(0.000070) J	NA	ND(0.000065)	ND(0.00010)
Aroclor-1260		ND(0.000070) J	NA	ND(0.000065)	ND(0.00010)
Total PCBs		ND(0.000070) J	NA	ND(0.000065)	ND(0.00010)
Semivolatile O	rganics		•	•	•
1,2,4-Trichlorob	enzene	ND(0.0052)	ND(0.010)	ND(0.010)	ND(0.010)
Acenaphthene		ND(0.0052)	ND(0.010)	0.011	ND(0.010)
bis(2-Ethylhexyl)phthalate	ND(0.0052)	ND(0.010)	ND(0.0060) J	ND(0.010)
Dibenzofuran		ND(0.0052)	ND(0.010)	0.0038 J	ND(0.010)
Dimethylphthala	ite	ND(0.0052)	ND(0.010)	ND(0.010)	ND(0.010)
Naphthalene		ND(0.0052)	ND(0.010)	0.062	ND(0.010)
Furans					
2,3,7,8-TCDF		0.000000068 YJ	ND(0.0000000080)	ND(0.000000000015)	0.000000076 J
TCDFs (total)		0.0000042	ND(0.0000000080)	ND(0.000000000015)	0.0000069 J
1,2,3,7,8-PeCD		0.00000010 J	ND(0.000000028)	ND(0.00000000000080)	ND(0.000000052) J
2,3,4,7,8-PeCD	F	0.000000067 J	ND(0.000000027)	ND(0.00000000000080)	ND(0.000000052)
PeCDFs (total)		0.0000027	ND(0.000000028)	ND(0.0000000000080)	0.0000090 J
1,2,3,4,7,8-HxC		ND(0.000000053)	ND(0.000000050)	ND(0.000000000020)	0.00000053
1,2,3,6,7,8-HxC		ND(0.000000053)	ND(0.000000051)	ND(0.000000000019)	ND(0.000000052)
1,2,3,7,8,9-HxC		ND(0.000000053)	ND(0.000000049)	ND(0.00000000024)	ND(0.000000052)
2,3,4,6,7,8-HxC	DF	ND(0.000000053)	ND(0.000000053)	ND(0.000000000022)	ND(0.000000052)
HxCDFs (total)	005	0.00000020	ND(0.000000053)	ND(0.000000000021)	0.0000042 J
1,2,3,4,6,7,8-Hp		ND(0.000000053) ND(0.000000055)	ND(0.000000088)	ND(0.000000000019) ND(0.0000000000023)	ND(0.000000052)
1,2,3,4,7,8,9-Hp HpCDFs (total)	CDF	ND(0.0000000055)	ND(0.000000088) ND(0.000000088)	ND(0.000000000023)	ND(0.000000052) ND(0.0000000052)
OCDF		ND(0.0000000055)	ND(0.000000008)	ND(0.00000000000000000000000000000000000	ND(0.000000002)
		ND(0.00000010)	ND(0.000000078)	ND(0.00000000000000000000000000000000000	ND(0.000000010)
		ND(0.000000026)			
2,3,7,8-TCDD		(**************************************	ND(0.000000012) ND(0.0000000012)	ND(0.000000000031)	ND(0.000000014)
TCDDs (total) 1,2,3,7,8-PeCDI	D	ND(0.000000026) ND(0.0000000053)	ND(0.000000012) ND(0.000000014)	ND(0.000000000031) ND(0.000000000015)	ND(0.000000014) ND(0.0000000052)
PeCDDs (total)		ND(0.000000053)	ND(0.000000014)	ND(0.0000000000015)	ND(0.000000052) J
1,2,3,4,7,8-HxC	חח	ND(0.000000053)	ND(0.000000014)	ND(0.000000000044)	ND(0.000000052) J
1,2,3,6,7,8-HxC		ND(0.0000000053)	ND(0.000000002)	ND(0.00000000000000000000000000000000000	ND(0.000000052)
1,2,3,7,8,9-HxC		ND(0.0000000053)	ND(0.0000000077)	ND(0.00000000000000000000000000000000000	ND(0.000000052)
HxCDDs (total)		ND(0.0000000053)	ND(0.00000000000000000000000000000000000	ND(0.00000000000000000000000000000000000	ND(0.000000052)
1,2,3,4,6,7,8-Hp	CDD	ND(0.0000000033)	ND(0.000000012)	ND(0.00000000000000000000000000000000000	ND(0.0000000052)
HpCDDs (total)		ND(0.000000081)	ND(0.00000012)	ND(0.00000000000000000000000000000000000	ND(0.0000000052)
OCDD		ND(0.000000018)	ND(0.00000012)	ND(0.00000000000000000000000000000000000	0.000000018 J
Total TEQs (WF	IO TEEs)	0.000000010	0.000000012)	0.000000000035	0.000000012
		0.00000010	0.00000011	0.0000000000000000000000000000000000000	0.00000012

Parameter	Sample ID: Date Collected:	OPCA-MW-4 10/20/08	OPCA-MW-5 06/15/99	OPCA-MW-5R 06/28/01	OPCA-MW-5R 10/09/07
Inorganics-Unfi	Itered				
Antimony		NA	ND(0.0600)	ND(0.0600)	NA
Arsenic		NA	ND(0.00600)	0.00790 B	NA
Barium		NA	0.0290	0.0590 B	NA
Beryllium		NA	ND(0.00600)	ND(0.00100)	NA
Cadmium		NA	ND(0.00600)	ND(0.00500)	NA
Chromium		NA	ND(0.0130)	0.00430 B	NA
Cobalt		NA	ND(0.0600)	0.00620 B	NA
Copper		NA	ND(0.0330)	ND(0.0250)	NA
Lead		NA	ND(0.130) J	ND(0.00500)	NA
Nickel		NA	ND(0.0600)	ND(0.0400)	NA
Selenium		NA	ND(0.00600) J	ND(0.00500)	NA
Silver		NA	ND(0.0130)	ND(0.00500)	NA
Sulfide		1.20	ND(5.00)	8.00	ND(1.00) J
Thallium		NA	ND(0.0130)	ND(0.0100)	NA
Tin		NA	ND(0.300)	ND(0.0300)	NA
Vanadium		NA	ND(0.0600)	ND(0.0500)	NA
Zinc		NA	ND(0.0260)	0.0150 B	NA
Inorganics-Filte	red				
Antimony		ND(0.0400)	NA	ND(0.0600)	ND(0.0400)
Arsenic		ND(0.0100) J	NA	ND(0.0100)	ND(0.0100)
Barium		0.0253 B	NA	0.0440 B	0.0536 B
Beryllium		ND(0.0100) J	NA	0.000860 B	0.000330 B
Cadmium		0.00276 B J	NA	0.00140 B	ND(0.00500) J
Chromium		ND(0.0100) J	NA	ND(0.0100)	ND(0.0100) J
Cobalt		ND(0.0100) J	NA	0.00660 B	ND(0.0100)
Copper		ND(0.200) J	NA	ND(0.0250)	ND(0.0100)
Lead		0.00425 B J	NA	ND(0.00500)	ND(0.0100)
Nickel		ND(0.0500)	NA	ND(0.0400)	ND(0.0100)
Selenium		ND(0.0200) J	NA	ND(0.00500)	ND(0.0200)
Thallium		ND(0.0100) J	NA	ND(0.0100)	ND(0.0100) J
Tin		ND(0.100) J	NA	ND(0.0300)	ND(0.0100)
Vanadium		ND(0.0500)	NA	ND(0.0500)	ND(0.0500)
Zinc		0.0135 B	NA	0.0110 B	0.00813 B

Total PCBs NA NA NA Output ND(0.000065) PCBs-Filtered Nacolor-1254 ND(0.000068) J ND(0.000069) J NA ND(0.000065) Arcolor-1250 ND(0.000068) J ND(0.000069) J NA ND(0.000065) Semivolatile Organics ND(0.000169) J NA ND(0.000065) Semivolatile Organics ND(0.0051) ND(0.0052) ND(0.010) ND(0.010) Acenaphthene ND(0.0051) ND(0.052) ND(0.010) ND(0.060) Directryphthalate ND(0.0051) ND(0.052) ND(0.010) ND(0.010) Directryphthalate ND(0.0051) ND(0.052) ND(0.010) ND(0.010) Intertryphthalate ND(0.0051) ND(0.052) ND(0.010) ND(0.010) Naptinalene ND(0.0051) ND(0.0052) ND(0.010) ND(0.000000012) 2,3,7,8-TCDF 0.000000052) ND(0.0000000052) ND(0.0000000031) ND(0.0000000012) 1,2,3,7,8-PeCDF ND(0.000000052) ND(0.0000000032) ND(0.0000000031) ND(0.0000000012) 1,2,3,7,8-PeCDF <th>Parameter</th> <th>Sample ID: Date Collected:</th> <th>OPCA-MW-5R 04/24/08</th> <th>OPCA-MW-5R 10/21/08</th> <th>OPCA-MW-6 06/15/99</th> <th>OPCA-MW-6 05/02/01</th>	Parameter	Sample ID: Date Collected:	OPCA-MW-5R 04/24/08	OPCA-MW-5R 10/21/08	OPCA-MW-6 06/15/99	OPCA-MW-6 05/02/01
1,1-Ticheloroethane ND(0.010) J ND(0.0050) ND(0.0050) ND(0.0050) Acetone ND(0.0050) J ND(0.0050) J ND(0.0050) ND(0.						
Ácetone ND(0.0060) ND(0.0050) ND(0.010) ND(0.0050) Bromdorm ND(0.0070) ND(0.0050) ND(0.0050) ND(0.0050) Chlorobenzene 0.00048 J 0.00011 J ND(0.0050) ND(0.0050) Dibromochloromethane ND(0.0010) ND(0.0050) ND(0.0050) ND(0.0050) Dibromochloromethane ND(0.0011) ND(0.0010) ND(0.0050) ND(0.0050) Totalene ND(0.0011) ND(0.0010) ND(0.0050) ND(0.0050) Tichloroethene ND(0.0011) ND(0.0010) ND(0.0050) ND(0.0050) Tichloroethene ND(0.0011) ND(0.0010) ND(0.0050) ND(0.0050) Tichlorofulcromethane ND(0.0011) ND(0.0010) ND(0.0050) ND(0.0050) Tichlorofulcromethane ND(0.0011) ND(0.00050) ND(0.00050) ND(0.00050) Tichlorofulcromethane ND(0.0011) ND(0.00050) ND(0.00050) ND(0.00050) Tichlorofulcromethane ND(0.00068) NA NA 0.0012 ND(0.00060) Tichlorofulcromethane			ND(0.0010) J	ND(0.0010)	ND(0.0050)	ND(0.0050)
Bromotom ND(0.0010) ND(0.0050) ND(0.0050) Chorobenzene 0.00048 J 0.00011 J ND(0.0050) ND(0.0050) Chorobenzene ND(0.0010) ND(0.0050) ND(0.0050) ND(0.0050) Dibromochloromethane ND(0.0010) ND(0.0050) ND(0.0050) ND(0.0050) Tetrachioroethene ND(0.0010) ND(0.0050) ND(0.0050) ND(0.0050) Tetrachioroethene ND(0.0010) J ND(0.0010) ND(0.0050) ND(0.0050) Techsionethene ND(0.0010) J ND(0.0010) J ND(0.0050) ND(0.0050) Techsionethene ND(0.0010) J ND(0.010) J ND(0.0050) ND(0.0050) Tethsionethene ND(0.0011 J ND(0.0010) J ND(0.00000) ND(0.00000) Tethsionethene ND(0.0011 J ND(0.000000) J ND(0.000000) ND(0.000000) Tethsionethene ND(0.0011 J ND(0.000000) J ND(0.0000000) ND(0.0000000) Tethsionethene ND(0.0011 J ND(0.000000) J ND(0.0000000) ND(0.00000000000000000000000000000000000	1,1-Dichloroetha	ane			ND(0.0050)	
Chiorobornzene 0.00048 j 0.00011 j ND(0.0050) ND(0.0050) Dibromochloromethane ND(0.0010) ND(0.0050) ND(0.00050) ND(0.00065) ND(0.00065) ND(0.00065) ND(0.00065) ND(0.00065) ND(0.00066) ND(0.00000000000000000000000000000000000	Acetone		ND(0.0050) J	ND(0.0050) J	ND(0.10)	ND(0.010)
Chioratom ND(0.0010) ND(0.0010) ND(0.0050) ND(0.0050) Methylene Chioride ND(0.0050) 0.00022 J ND(0.0050) ND(0.0050) Tartachioroethene ND(0.0010) ND(0.0050) ND(0.0050) ND(0.0050) Tartachioroethene ND(0.0010) J ND(0.0010) ND(0.0050) ND(0.0050) Trichioroethene ND(0.0010) J ND(0.0010) J ND(0.0050) ND(0.0050) Trichioroethene ND(0.0010) J ND(0.0010) J ND(0.0010) J ND(0.0000) Total VCCs 0.0017 J 0.00033 J ND(0.000050) ND(0.000055) Total VCCs 0.0017 J 0.00033 J ND(0.000055) ND(0.000065) Total VC2s NA NA NA ND(0.000055) ND(0.000065) Total VC2s NA NA ND(0.000055) ND(0.000065)	Bromoform		ND(0.0010)	ND(0.0010)	ND(0.0050)	ND(0.0050)
Dipromocharomethane ND(0.0010) ND(0.0050) ND(0.0050) ND(0.0050) Vertificationcethene ND(0.0010) ND(0.0010) ND(0.0050) ND(0.0050) ND(0.0050) Trichloroethene ND(0.0010) ND(0.0010) ND(0.0050) ND(0.0050) ND(0.0050) Trichloroethene ND(0.0010) ND(0.0010) ND(0.0050) ND(0.0050) ND(0.0050) Trichloroethene ND(0.0010) ND(0.0010) ND(0.0050) ND(0.0020) Trichlorofilucromethane ND(0.0010) ND(0.0020) ND(0.0020) ND(0.0020) Trichlorofilucromethane ND(0.00068) ND(0.000068) ND(0.000068) ND(0.000068) Arcolor-1254 NA NA 0.00012 ND(0.000068) Arcolor-1254 ND(0.000068) ND(0.000069) NA ND(0.000065) Arcolor-1254 ND(0.000068) ND(0.000069) NA ND(0.00005) Total VCS ND(0.000068) ND(0.000069) NA ND(0.00005) Total VCB ND(0.000068) ND(0.000069) NA ND(0.0000000000000000000000000000000	Chlorobenzene		0.00048 J	0.00011 J	ND(0.0050)	ND(0.0050)
Methylena Chloride ND(0.0050) 0.00022 J ND(0.0050) ND(0.0050) Tetrachloroethene ND(0.0010) J ND(0.0010) ND(0.0050) ND(0.0050) Tichloroethene ND(0.0010) J ND(0.0010) ND(0.0050) ND(0.0050) Tichloroethene ND(0.0010) J ND(0.0010) ND(0.0050) ND(0.0050) Tichloroethene ND(0.0010) J ND(0.0010) ND(0.0050) ND(0.0020) Tichloroethene ND(0.0010) J ND(0.0010) ND(0.00050) ND(0.00005) Total VCGs 0.0017 J 0.00033 J ND(0.000065) ND(0.000065) Arcolor-1254 NA NA NA ND(0.000065) ND(0.000065) Arcolor-1260 NA NA NA ND(0.000065) ND(0.000065) Arcolor-1261 ND(0.000068) J NA ND(0.000065) J NA ND(0.000065) Semivolatile Organics 1/24-Trickhoroenzene ND(0.0051) ND(0.00022) ND(0.010) ND(0.00005) Semivolatile Organics 1/24-Trickhoroenzene ND(0.0051) ND(0.0052) ND(0						
Totachoreshene ND(0.0010) ND(0.0010) ND(0.0050) ND(0.0020) Tichioreshene ND(0.0010) ND(0.0010) ND(0.0050) ND(0.0020) ND(0.0050) ND(0.0020) ND(0.000065) ND(0.000065) ND(0.000065) ND(0.000065) ND(0.000066) ND(0.0000066) ND(0.0000066) ND(0.00000000 ND(0.00000000000000000000000000000000000			ND(0.0010)	ND(0.0010)	ND(0.0050)	
Toluene ND(0.0010) J ND(0.0010) ND(0.0050) ND(0.0050) Trichorenthane ND(0.0010) J ND(0.0010) ND(0.0050) ND(0.0050) Trichorenthane ND(0.0010) J ND(0.0010) ND(0.0050) ND(0.0050) Total VCcs 0.0017 J 0.00033 J ND(0.0000) ND(0.00000) PCBs-Unfiltered						
Trichlorogethene ND(0.0010) J ND(0.0010) J ND(0.0050) ND(0.0050) Vinyl Cholndie 0.0012 J ND(0.0010) J ND(0.0010) ND(0.0010) ND(0.0020) Yold VOCs 0.0017 J 0.00033 J ND(0.0050) ND(0.0020) PCBs-Unfiltered - - NA NA 0.00033 J ND(0.00005) Arcolor-1254 NA NA NA 0.00012 ND(0.000065) Arcolor-1260 NA NA NA 0.00012 ND(0.000065) Total PCBs NA NA NA NA ND(0.000065) Arcolor-1260 ND(0.000068) J NA ND(0.000066) J NA ND(0.000065) Semivolatile Organics - - - ND(0.000069) J NA ND(0.000065) Acolor-1260 ND(0.00051) ND(0.0052) ND(0.010) ND(0.000066) J NA ND(0.000066) J 12.4-frichlorobenzene ND(0.0051) ND(0.0052) ND(0.010) ND(0.010) ND(0.010) ND(0.010) ND(0.010) ND(0.010) </td <td></td> <td>ne</td> <td></td> <td></td> <td></td> <td></td>		ne				
Trichlorofluoromethane ND(0.001) J ND(0.001) J ND(0.005) ND(0.0020) Total VCGs 0.0017 J 0.00033 J ND(0.20) ND(0.020) PCBs-Unfiltered						
Viny Chinde 0.0012 J ND(0.0010) ND(0.010) ND(0.020) PCBs-Unfiltered 0.00033 J ND(0.020) ND(0.20) Arcolor 1254 NA NA 0.00033 J ND(0.020) ND(0.00065) Arcolor 1250 NA NA NA 0.00012 ND(0.000065) Total PCBs NA NA NA 0.00012 ND(0.000065) Total PCBs NA NA NA 0.00012 ND(0.000065) Arcolor 1260 ND(0.000068) J NA NA NA ND(0.000065) Arcolor 1260 ND(0.000068) J ND(0.000069) J NA ND(0.000065) Senivolatile Organics J_2-4 Trichinorbenzene ND(0.0051) ND(0.0052) ND(0.010) ND(0.010) L_2-4 Trichinorbenzene ND(0.0051) ND(0.0052) ND(0.010) ND(0.010) ND(0.010) ND(0.0051) ND(0.0052) ND(0.010) ND(0.010) </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Total VOCs 0.0017 J 0.00033 J ND(0.20) ND(0.20) Arccior-1254 NA NA NA ND(0.000050) ND(0.000065) Arccior-1260 NA NA NA ND(0.000050) ND(0.000065) Arccior-1260 NA NA NA 0.0012 ND(0.000065) PCBs-Hittered Arccior-1254 ND(0.000068) J ND(0.000069) J NA ND(0.000065) Arccior-1260 ND(0.000068) J ND(0.000069) J NA ND(0.000065) Semivolatile Organics ND(0.000061) ND(0.0000061) ND(0.0000061) ND(0.000065) Semivolatile Organics ND(0.0051) ND(0.0052) ND(0.010) ND(0.010) Aceraphthene ND(0.0051) ND(0.0052) ND(0.010) ND(0.010) Disel2-Etrylhexyl(phthalate ND(0.0051) ND(0.0052) ND(0.010) ND(0.010) Furans 2.37.8-TCDF 0.000000042 J ND(0.000000009) ND(0.000000009) ND(0.000000009) ND(0.0000000012) ND(0.000000003) ND(0.000000003) ND(0.0000000062) ND(0.0000000000	Trichlorofluorom	nethane	()			
PCBs-Unfiltered NA ND(0.000065) ND(0.000065) ND(0.000065) ND(0.000065) ND(0.000065) ND(0.000065) ND(0.000065) ND(0.000065) ND(0.000066) ND(0.0010) ND(0.010) ND(0.000000012) ND(0.000000012) ND(0.0000000012) ND(0.0000000012) ND(0.0000000012) ND(0.0000000012) ND(0.0000000012) ND(0.0000000012) ND(0.0000000012) ND(0.0000000012) ND(0.00000000012) ND(0.0000000002) ND(0.000						
Anaclor-1254 NA NA NA NA ND(0.000050) ND(0.000065) Araclor-1260 NA NA NA ND(0.000050) ND(0.000065) PCBs-Filtered Araclor-1254 ND(0.000068) J NA ND(0.000065) Araclor-1260 ND(0.000068) J ND(0.000069) J NA ND(0.000065) Semivolatile Organics Semivolatile Organics ND(0.00001) ND(0.000065) ND(0.000065) Semivolatile Organics ND(0.0051) ND(0.0052) ND(0.010) ND(0.010) L2.4-Tichlorobenzene ND(0.0051) ND(0.0052) ND(0.010) ND(0.0061) Dibenzofuran ND(0.0051) ND(0.0052) ND(0.010) ND(0.010) Dibenzofuran ND(0.0051) ND(0.0052) ND(0.010) ND(0.010) Naphthalate ND(0.0051) ND(0.0052) ND(0.010) ND(0.0000000012) 2.37.8-TCDF 0.000000042 ND(0.000000044) ND(0.0000000033) ND(0.0000000052) 2.3.7.8-PeCDF ND(0.000000052) ND(0.0000000052) ND(0.00000000033) ND(0.0000000052)	Total VOCs		0.0017 J	0.00033 J	ND(0.20)	ND(0.20)
Ancelor-1260 NA NA NA ND(0.000005) ND(0.000065) PCBs-Filtered ND(0.000068) J ND(0.000069) J NA ND(0.000065) Arcolor-1250 ND(0.000068) J ND(0.000069) J NA ND(0.000065) Serviolatile Organics Serviolatile Organics Serviolatile Organics ND(0.000069) J NA ND(0.000065) Serviolatile Organics ND(0.00051) ND(0.00052) ND(0.010) ND(0.010) Acenaphthene ND(0.0051) ND(0.0052) ND(0.010) ND(0.010) Disc/2-Etriv/hexvl/phthalate ND(0.0051) ND(0.0052) ND(0.010) ND(0.010) Napithalene ND(0.0051) ND(0.0052) ND(0.010) ND(0.010) Napithalene ND(0.0051) ND(0.0052) ND(0.010) ND(0.010) Napithalene ND(0.0051) ND(0.0000000042) ND(0.0000000090) ND(0.0000000012) 12.3.7.8-TCDF 0.0000000052) ND(0.0000000031) ND(0.0000000031) ND(0.0000000031) 12.3.4.7.8+RCDF ND(0.0000000052) ND(0.00000000031) ND(0.0000000031)	PCBs-Unfiltere	d				
Total PCBs NA NA NA Output ND(0.000065) PCBs-Filtered Arcolor 1250 ND(0.000068) J ND(0.000069) J NA ND(0.000065) Arcolor 1260 ND(0.000068) J ND(0.000069) J NA ND(0.000065) Semivolatile Organics ND(0.000051) ND(0.00052) ND(0.010) ND(0.010) Acenaphthene ND(0.0051) ND(0.0052) ND(0.010) ND(0.010) bies(2:Ethylnexyl)pithalate ND(0.0051) ND(0.0052) ND(0.010) ND(0.0060) Dibenzofuran ND(0.0051) ND(0.0052) ND(0.010) ND(0.010) Furans Z.3.7.8-TCDF 0.000000020 0.000000044) ND(0.000000090) ND(0.000000012) TCDFs (total) 0.000000020 ND(0.0000000031) ND(0.0000000031) ND(0.0000000031) ND(0.0000000012) 1.2.3.4.7.8-PeCDF ND(0.0000000052) ND(0.0000000031) ND(0.0000000012) ND(0.0000000031) ND(0.0000000012) 1.2.3.4.7.8-HxCDF ND(0.0000000052) ND(0.0000000031) ND(0.0000000052) ND(0.0000000031) ND(0.0000000052) ND(0.00000000031						
PCBs-Filtered ND(0.000068) J ND(0.000069) J NA ND(0.000065) J Arcclor-1250 ND(0.000068) J ND(0.000069) J NA ND(0.000065) J Total PCBs ND(0.000068) J ND(0.000069) J NA ND(0.000065) J Semivolatile Organics Semivolatile Organics ND(0.00051) ND(0.0052) ND(0.010) ND(0.010) Accencylicity ND(0.0051) ND(0.0052) ND(0.010) ND(0.0060) Bio(2-Ethylhexyl)phthalate ND(0.0051) ND(0.0052) ND(0.010) ND(0.0060) Dimethylphthalate ND(0.0051) ND(0.0052) ND(0.010) ND(0.010) Naphthalene ND(0.0051) ND(0.0052) ND(0.010) ND(0.000000012) TCDFs 0.000000042 J ND(0.0000000052) ND(0.0000000033) ND(0.0000000012) T23.7.8-PeCDF ND(0.0000000052) ND(0.0000000033) ND(0.0000000033) ND(0.0000000016) 1.2.3.4.7.8-PeCDF ND(0.0000000052) ND(0.0000000033) ND(0.0000000016) ND(0.0000000033) ND(0.0000000012) 1.2.3.4.7.8-PeCDF ND(0.0000000052) ND(0	Aroclor-1260		NA	NA	ND(0.000050)	
Arocior-1254 ND(0.000068) J ND(0.000069) J NA ND(0.000065) Arocior-1260 ND(0.000068) J ND(0.000069) J NA ND(0.000065) Semivolatile Organics ND(0.000069) J NA ND(0.000065) Semivolatile Organics ND(0.00010) ND(0.010) ND(0.010) Aceraphthene ND(0.0051) ND(0.0052) ND(0.010) ND(0.010) Aceraphthene ND(0.0051) ND(0.0052) ND(0.010) ND(0.0060) Dibenzofuran ND(0.0051) ND(0.0052) ND(0.010) ND(0.010) Dimethylphthalate ND(0.0051) ND(0.0052) ND(0.010) ND(0.010) Naptinalene ND(0.0051) ND(0.0052) ND(0.010) ND(0.010) Naptinalene ND(0.000000042 J ND(0.0000000044) ND(0.0000000090) ND(0.0000000012) 1,2,3,7,8-PeCDF ND(0.000000052) ND(0.0000000052) ND(0.0000000033) ND(0.0000000016) PeCDFs (total) ND(0.000000052) ND(0.0000000052) ND(0.0000000033) ND(0.0000000016) 1,2,3,4,7,8-HxCDF ND(0.000000052)	Total PCBs		NA	NA	0.00012	ND(0.000065)
Arccior1260 ND(0.000068) J ND(0.000065) Total PCBs ND(0.000068) J NA ND(0.000065) Semivolatile Organics II.2.4-Trichlorobenzene ND(0.0011) ND(0.0052) ND(0.010) ND(0.010) Acenaphthene ND(0.0051) ND(0.052) ND(0.010) ND(0.010) Directryphthalate ND(0.0051) ND(0.052) ND(0.010) ND(0.010) Directryphthalate ND(0.0051) ND(0.052) ND(0.010) ND(0.010) Directryphthalate ND(0.0051) ND(0.052) ND(0.010) ND(0.010) Naptinalene ND(0.0051) ND(0.052) ND(0.010) ND(0.010) Rurans Z.3.7.8-TCDF 0.000000042 J ND(0.000000052) ND(0.0000000090) ND(0.0000000012) TCDFs (total) 0.0000000052) ND(0.0000000052) ND(0.0000000033) ND(0.0000000011) 1.2.3.7.8-PeCDF ND(0.0000000052) ND(0.0000000033) ND(0.0000000011) 1.2.3.7.8-PeCDF ND(0.000000052) ND(0.0000000033) ND(0.0000000011) 1.2.3.7.8-PeCDF ND(0.000000052) ND(0.0000000003) ND(0.0000000011) <td< td=""><td>PCBs-Filtered</td><td></td><td></td><td></td><td></td><td></td></td<>	PCBs-Filtered					
Total PCBs ND(0.000068) J ND(0.000069) J NA ND(0.000065) Semivolatile Organics	Aroclor-1254		ND(0.000068) J	ND(0.000069) J	NA	ND(0.000065)
Semivolatile Organics ND(0.0051) ND(0.0052) ND(0.010) ND(0.010) 1.2.4-Trichlorobenzene ND(0.0051) ND(0.0052) ND(0.010) ND(0.010) Acenaphthene ND(0.0051) ND(0.0052) ND(0.010) ND(0.0060) Dimethylphthalate ND(0.0051) ND(0.0052) ND(0.010) ND(0.010) Dimethylphthalate ND(0.0051) ND(0.0052) ND(0.010) ND(0.010) Naphthalene ND(0.0051) ND(0.0052) ND(0.010) ND(0.0000000012) Z3,7.8-TCDF 0.0000000042 J ND(0.0000000052) ND(0.0000000033) ND(0.0000000012) TCDFs (total) 0.0000000052) ND(0.0000000052) ND(0.0000000033) ND(0.0000000011) 1.2.3,4,7.8-PeCDF ND(0.000000052) ND(0.0000000052) ND(0.0000000033) ND(0.0000000011) 1.2.3,4,7.8-HeCDF ND(0.000000052) ND(0.0000000052) ND(0.0000000052) ND(0.0000000052) 1.2.3,4,7.8-HeCDF ND(0.000000052) ND(0.0000000052) ND(0.0000000052) ND(0.0000000051) 1.2.3,4,7.8-HeCDF ND(0.0000000052) ND(0.0000000052) <t< td=""><td>Aroclor-1260</td><td></td><td>ND(0.000068) J</td><td>ND(0.000069) J</td><td>NA</td><td>ND(0.000065)</td></t<>	Aroclor-1260		ND(0.000068) J	ND(0.000069) J	NA	ND(0.000065)
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Naphthalene ND(0.0051) ND(0.0052) ND(0.010) ND(0.010) Furans	Dimethylphthala	ite	ND(0.0051)	ND(0.0052)	ND(0.010)	ND(0.010)
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1,2,3,6,7,8-HxCDD ND(0.000000052) ND(0.000000052) ND(0.000000015) ND(0.000000016) 1,2,3,7,8,9-HxCDD ND(0.000000052) ND(0.000000052) ND(0.000000013) ND(0.000000016) 1,2,3,7,8,9-HxCDD ND(0.000000052) ND(0.000000052) ND(0.000000013) ND(0.000000016) HxCDDs (total) ND(0.000000052) ND(0.000000052) ND(0.000000015) ND(0.000000016) 1,2,3,4,6,7,8-HpCDD ND(0.000000052) ND(0.000000052) ND(0.000000026) ND(0.000000026) HpCDDs (total) ND(0.000000052) ND(0.000000052) ND(0.000000026) ND(0.000000026) OCDD ND(0.000000010) ND(0.000000015) ND(0.000000029) ND(0.000000047)	1,2,3,4,7,8-HxC	DD	ND(0.000000052)	ND(0.000000052)	ND(0.00000012)	
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1,2,3,4,6,7,8-HpCDD ND(0.000000052) ND(0.000000052) ND(0.000000026) ND(0.000000026) HpCDDs (total) ND(0.000000052) ND(0.000000052) ND(0.000000026) ND(0.000000026) OCDD ND(0.000000010) ND(0.000000015) ND(0.000000029) ND(0.000000047)			ND(0.000000052)	, ,	· · · · · · · · · · · · · · · · · · ·	
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HpCDDs (total) ND(0.000000052) ND(0.000000052) ND(0.000000026) ND(0.000000026) OCDD ND(0.000000010) ND(0.000000015) ND(0.000000029) ND(0.000000047)		CDD	ND(0.000000052)	, ,	ND(0.00000026)	ND(0.000000026)
OCDD ND(0.00000010) ND(0.000000015) ND(0.00000029) ND(0.000000047)	HpCDDs (total)		· · · · ·			
	Total TEQs (WF	IO TEFs)	,			

Parameter	Sample ID: Date Collected:	OPCA-MW-5R 04/24/08	OPCA-MW-5R 10/21/08	OPCA-MW-6 06/15/99	OPCA-MW-6 05/02/01
Inorganics-Un	filtered				
Antimony		NA	NA	ND(0.0600)	ND(0.0600)
Arsenic		NA	NA	ND(0.00600)	ND(0.0100)
Barium		NA	NA	0.0300	0.0170 B
Beryllium		NA	NA	ND(0.00600)	ND(0.00100)
Cadmium		NA	NA	ND(0.00600)	ND(0.00500)
Chromium		NA	NA	ND(0.0130)	ND(0.0100) J
Cobalt		NA	NA	ND(0.0600)	ND(0.0500)
Copper		NA	NA	ND(0.0330)	0.00400 B
Lead		NA	NA	ND(0.130) J	ND(0.00500) J
Nickel		NA	NA	ND(0.0600)	ND(0.0400)
Selenium		NA	NA	ND(0.00600) J	0.00570
Silver		NA	NA	ND(0.0130)	ND(0.00500)
Sulfide		ND(1.00) J	1.00	ND(5.00)	ND(5.00)
Thallium		NA	NA	ND(0.0130)	ND(0.0100) J
Tin		NA	NA	ND(0.300)	ND(0.0300)
Vanadium		NA	NA	ND(0.0600)	ND(0.0500)
Zinc		NA	NA	ND(0.0260)	0.0210 J
Inorganics-Filt	ered				
Antimony		ND(0.0400)	ND(0.0400)	NA	ND(0.0600)
Arsenic		ND(0.0100)	ND(0.0100) J	NA	ND(0.0100)
Barium		0.0609 B	0.0538 B	NA	0.0160 B
Beryllium		0.00251 J	ND(0.0100) J	NA	ND(0.00100)
Cadmium		ND(0.00500) J	ND(0.00500) J	NA	ND(0.00500)
Chromium		0.00134 B	ND(0.0100) J	NA	ND(0.0100) J
Cobalt		ND(0.0100) J	ND(0.0100) J	NA	ND(0.0500)
Copper		ND(0.0100) J	ND(0.200) J	NA	ND(0.0250)
Lead		ND(0.0100)	0.00657 B J	NA	ND(0.00500) J
Nickel		ND(0.0100) J	ND(0.0500)	NA	ND(0.0400)
Selenium		ND(0.0200)	ND(0.0200) J	NA	0.00590
Thallium		ND(0.0100) J	ND(0.0100) J	NA	ND(0.0100) J
Tin		ND(0.0100) J	ND(0.100) J	NA	ND(0.0300)
Vanadium		ND(0.0500)	ND(0.0500)	NA	ND(0.0500)
Zinc		0.00643 B	0.0106 B	NA	0.0150 J

Parameter	Sample ID: Date Collected:	OPCA-MW-6 10/15/07	OPCA-MW-6 04/23/08	OPCA-MW-6 10/21/08
Volatile Organi	cs			
1,1,1-Trichloroe	thane	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
1,1-Dichloroetha	ane	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Acetone		ND(0.0050) J	0.0015 J	ND(0.0050) J [ND(0.0050) J]
Bromoform		ND(0.0010) J	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Chlorobenzene		ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Chloroform		ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Dibromochlorom		ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Methylene Chlor		ND(0.0050)	ND(0.0050) J	ND(0.0050) [ND(0.0050)]
Tetrachloroethe	ne	ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Toluene		ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Trichloroethene		ND(0.0010)	ND(0.0010)	ND(0.0010) [ND(0.0010)]
Trichlorofluorom	lethane	ND(0.0010)	ND(0.0010)	ND(0.0010) J [ND(0.0010) J]
Vinyl Chloride		ND(0.0010)	ND(0.0010)	ND(0.0010) J [ND(0.0010) J]
Total VOCs		ND(0.10)	0.0015 J	ND(0.10) [ND(0.10)]
PCBs-Unfiltere	d			
Aroclor-1254		NA	NA	NA
Aroclor-1260		NA	NA	NA
Total PCBs		NA	NA	NA
PCBs-Filtered				
Aroclor-1254		ND(0.000065)	0.00017 J	ND(0.00011) J [ND(0.000068) J]
Aroclor-1260		ND(0.000065)	ND(0.000066) J	ND(0.00011) J [ND(0.000068) J]
Total PCBs		ND(0.000065)	0.00017 J	ND(0.00011) J [ND(0.000068) J]
Semivolatile O	rganics		•	
1,2,4-Trichlorob	enzene	ND(0.010)	ND(0.0051)	ND(0.0052) [ND(0.0052)]
Acenaphthene		ND(0.010)	ND(0.0051)	ND(0.0052) [ND(0.0052)]
bis(2-Ethylhexyl)phthalate	ND(0.010)	ND(0.0051)	ND(0.0052) [ND(0.0052)]
Dibenzofuran		ND(0.010)	ND(0.0051)	ND(0.0052) [ND(0.0052)]
Dimethylphthala	te	ND(0.010)	ND(0.0051)	ND(0.0052) [ND(0.0052)]
Naphthalene		ND(0.010)	ND(0.0051)	ND(0.0052) [ND(0.0052)]
Furans				
2,3,7,8-TCDF		ND(0.000000021)	0.000000044 J	0.000000049 J [0.000000058 J]
TCDFs (total)		ND(0.000000021)	0.000000073 J	0.00000012 [0.00000014]
1,2,3,7,8-PeCDI		ND(0.000000052)	ND(0.000000051)	ND(0.000000053) [ND(0.000000051)]
2,3,4,7,8-PeCDI	F	ND(0.000000052)	ND(0.000000051)	ND(0.000000053) [ND(0.000000051)]
PeCDFs (total)		ND(0.000000052)	ND(0.000000051)	0.000000048 [0.000000052]
1,2,3,4,7,8-HxC		ND(0.000000052)	ND(0.000000051)	ND(0.000000053) [ND(0.000000051)]
1,2,3,6,7,8-HxC		ND(0.000000052)	ND(0.000000051)	ND(0.000000053) [ND(0.000000051)]
1,2,3,7,8,9-HxC		ND(0.000000052)	ND(0.000000051)	ND(0.000000053) [ND(0.000000051)]
2,3,4,6,7,8-HxC	DF	ND(0.000000052)	ND(0.000000051)	ND(0.000000053) [ND(0.000000051)]
HxCDFs (total)		ND(0.000000052)	ND(0.000000051)	ND(0.000000053) [ND(0.000000051)]
1,2,3,4,6,7,8-Hp		0.000000052 J	ND(0.000000051)	ND(0.000000053) [ND(0.000000051)]
1,2,3,4,7,8,9-Hp	CDF	ND(0.000000052)	ND(0.000000051)	ND(0.000000053) [ND(0.000000057)]
HpCDFs (total)		0.000000052 J	ND(0.000000051)	ND(0.000000053) [ND(0.000000057)]
OCDF		0.00000013 J	ND(0.00000010)	ND(0.00000014) [ND(0.00000016)]
Dioxins				
2,3,7,8-TCDD		ND(0.000000028)	ND(0.000000022)	ND(0.000000034) [ND(0.000000032)]
TCDDs (total)		ND(0.000000028)	ND(0.000000022)	ND(0.000000034) [ND(0.000000032)]
1,2,3,7,8-PeCDI	ر ا	ND(0.000000052)	ND(0.000000051)	ND(0.000000053) [ND(0.000000051)]
PeCDDs (total)		ND(0.000000052)	ND(0.000000051)	ND(0.000000053) [ND(0.000000051)]
1,2,3,4,7,8-HxC		ND(0.000000052)	ND(0.000000051)	ND(0.000000053) [ND(0.000000051)]
1,2,3,6,7,8-HxC		ND(0.000000052)	ND(0.000000051)	ND(0.000000053) [ND(0.000000051)]
1,2,3,7,8,9-HxC	עט	ND(0.000000052)	ND(0.000000051)	ND(0.000000053) [ND(0.000000051)]
HxCDDs (total)	000	ND(0.000000052)	ND(0.000000051)	ND(0.000000053) [ND(0.000000051)]
1,2,3,4,6,7,8-Hp	עעט	ND(0.000000052)	ND(0.000000060)	ND(0.000000069) [ND(0.000000085)]
HpCDDs (total)		ND(0.000000052)	ND(0.000000060)	ND(0.000000069) [ND(0.000000085)]
		0.00000016 J	ND(0.00000010)	ND(0.00000017) [ND(0.00000019)]
Total TEQs (WF	IU IEFS)	0.000000074	0.000000073	0.000000082 [0.00000080]

Parameter	Sample ID: Date Collected:	OPCA-MW-6 10/15/07	OPCA-MW-6 04/23/08	OPCA-MW-6 10/21/08
Inorganics-Un	filtered			
Antimony		NA	NA	NA
Arsenic		NA	NA	NA
Barium		NA	NA	NA
Beryllium		NA	NA	NA
Cadmium		NA	NA	NA
Chromium		NA	NA	NA
Cobalt		NA	NA	NA
Copper		NA	NA	NA
Lead		NA	NA	NA
Nickel		NA	NA	NA
Selenium		NA	NA	NA
Silver		NA	NA	NA
Sulfide		ND(1.00)	ND(1.00)	1.40 [ND(1.00)]
Thallium		NA	NA	NA
Tin		NA	NA	NA
Vanadium		NA	NA	NA
Zinc		NA	NA	NA
Inorganics-Filt	ered		•	
Antimony		ND(0.0400)	ND(0.0400)	ND(0.0400) [ND(0.0400)]
Arsenic		ND(0.0100)	ND(0.0100)	ND(0.0100) J [0.00213 B J]
Barium		ND(0.500)	0.00804 B	0.0168 B [0.0169 B]
Beryllium		0.00366 J	ND(0.0100) J	ND(0.0100) J [ND(0.0100) J]
Cadmium		ND(0.00500)	ND(0.00500) J	ND(0.00500) J [0.00328 B J]
Chromium		ND(0.0100)	0.00179 B	ND(0.0100) J [ND(0.0100) J]
Cobalt		ND(0.0100)	ND(0.0100) J	ND(0.0100) J [ND(0.0100) J]
Copper		ND(0.200)	ND(0.0100) J	ND(0.200) J [ND(0.200) J]
Lead		ND(0.0100)	ND(0.0100)	0.00641 B J [0.00718 B J]
Nickel		ND(0.0500)	ND(0.0100) J	ND(0.0500) [ND(0.0500)]
Selenium		ND(0.0200)	ND(0.0200)	ND(0.0200) J [ND(0.0200) J]
Thallium		ND(0.0100) J	0.00656 J	ND(0.0100) J [ND(0.0100) J]
Tin		0.00939 J	ND(0.0100) J	ND(0.100) J [ND(0.100) J]
Vanadium		ND(0.0500)	ND(0.0500)	ND(0.0500) [ND(0.0500)]
Zinc		0.0196 B	ND(0.0200)	0.0325 B [0.0273 B]

Parameter	Sample ID: Date Collected:	OPCA-MW-7 06/15/99	OPCA-MW-7 05/01/01	OPCA-MW-7 10/11-10/18/07	OPCA-MW-7 04/21/08
Volatile Organio	cs				
1,1,1-Trichloroethane		ND(0.0050)	ND(0.0050)	ND(0.0010)	ND(0.0010) J
1,1-Dichloroethane		ND(0.0050)	ND(0.0050)	ND(0.0010)	ND(0.0010) J
Acetone		ND(0.10)	ND(0.010)	ND(0.0050) J	ND(0.0050) J
Bromoform		ND(0.0050)	ND(0.0050)	ND(0.0010) J	ND(0.0010)
Chlorobenzene		ND(0.0050)	ND(0.0050)	ND(0.0010)	ND(0.0010)
Chloroform		ND(0.0050)	ND(0.0050)	ND(0.0010)	ND(0.0010)
Dibromochlorom		ND(0.0050)	ND(0.0050)	ND(0.0010)	0.00014 J
Methylene Chlor		ND(0.0050)	ND(0.0050)	ND(0.0050)	ND(0.0050)
Tetrachloroether	ne	ND(0.0050)	ND(0.0020)	ND(0.0010)	ND(0.0010)
Toluene		ND(0.0050)	ND(0.0050)	0.00029 J	ND(0.0010) J
Trichloroethene		ND(0.0050)	ND(0.0050)	ND(0.0010)	ND(0.0010) J
Trichlorofluorom	ethane	ND(0.0050)	ND(0.0050)	ND(0.0010)	ND(0.0010) J
Vinyl Chloride		ND(0.010)	ND(0.0020)	ND(0.0010)	ND(0.0010) J
Total VOCs		ND(0.20)	ND(0.20)	0.00029 J	0.00014 J
PCBs-Unfiltered					
Aroclor-1254		ND(0.000051)	ND(0.000065)	NA	NA
Aroclor-1260		ND(0.000051)	ND(0.000065)	NA	NA
Total PCBs		ND(0.000051)	ND(0.000065)	NA	NA
PCBs-Filtered					
Aroclor-1254		NA	ND(0.000065)	0.0012	ND(0.000068)
Aroclor-1260		NA	ND(0.000065)	0.00091	ND(0.000068)
Total PCBs		NA	ND(0.000065)	0.00211	ND(0.000068)
Semivolatile Or	ganics		•	•	•
1,2,4-Trichlorobe	enzene	ND(0.011)	ND(0.010)	ND(0.010)	ND(0.0052)
Acenaphthene		ND(0.011)	ND(0.010)	ND(0.010)	ND(0.0052)
bis(2-Ethylhexyl)	phthalate	ND(0.011)	ND(0.0060)	ND(0.010)	ND(0.0052)
Dibenzofuran		ND(0.011)	ND(0.010)	ND(0.010)	ND(0.0052)
Dimethylphthalat	te	ND(0.011)	ND(0.010)	ND(0.010)	ND(0.0052)
Naphthalene		ND(0.011)	ND(0.010)	ND(0.010)	ND(0.0052)
Furans			•	•	•
2,3,7,8-TCDF		ND(0.0000000080)	ND(0.000000014)	ND(0.000000035)	ND(0.000000012)
TCDFs (total)		ND(0.0000000080)	ND(0.000000014)	ND(0.000000035)	ND(0.000000012)
1,2,3,7,8-PeCDF		ND(0.000000030)	ND(0.000000016)	ND(0.000000054)	ND(0.000000052)
2,3,4,7,8-PeCDF		ND(0.000000028)	ND(0.000000016)	ND(0.000000054)	ND(0.000000052)
PeCDFs (total)		ND(0.000000030)	ND(0.000000016)	ND(0.000000054)	ND(0.000000052)
1,2,3,4,7,8-HxCI	DF	ND(0.000000069)	ND(0.000000016)	ND(0.000000054)	ND(0.000000052)
1,2,3,6,7,8-HxCI	DF	ND(0.000000070)	ND(0.0000000090)	ND(0.000000054)	ND(0.000000052)
1,2,3,7,8,9-HxCI	DF	ND(0.000000067)	ND(0.000000011)	ND(0.000000054)	ND(0.000000052)
2,3,4,6,7,8-HxCI	DF	ND(0.000000073)	ND(0.000000010)	ND(0.000000054)	ND(0.000000052)
HxCDFs (total)		ND(0.000000073)	ND(0.000000016)	ND(0.000000054)	ND(0.000000052)
1,2,3,4,6,7,8-Hp		ND(0.00000013)	ND(0.000000016)	ND(0.000000054)	ND(0.000000052)
1,2,3,4,7,8,9-Hp	CDF	ND(0.00000013)	ND(0.000000020)	ND(0.000000054)	ND(0.000000052)
HpCDFs (total)		ND(0.00000013)	ND(0.000000018)	ND(0.000000054)	ND(0.000000052)
OCDF		ND(0.00000012)	ND(0.000000038)	ND(0.00000011)	ND(0.00000010)
Dioxins					
2,3,7,8-TCDD		ND(0.000000013)	ND(0.000000020)	ND(0.000000045)	ND(0.000000014)
TCDDs (total)		ND(0.000000013)	ND(0.000000020)	ND(0.000000045)	ND(0.000000014)
1,2,3,7,8-PeĆDE)	ND(0.000000010)	ND(0.000000021)	ND(0.000000054)	ND(0.000000052)
PeCDDs (total)		ND(0.00000010)	ND(0.000000021)	ND(0.000000054)	ND(0.000000052)
1,2,3,4,7,8-HxCE		ND(0.000000097)	ND(0.000000017)	ND(0.000000054)	ND(0.000000052)
1,2,3,6,7,8-HxCE	DD	ND(0.000000012)	ND(0.000000017)	ND(0.000000054)	ND(0.000000052)
	חר	ND(0.00000011)	ND(0.000000016)	ND(0.000000054)	ND(0.000000052)
1,2,3,7,8,9-HxCI	50			ND(0.000000054)	ND(0.000000052)
	55	ND(0.00000012)	ND(0.00000010) X	ND(0.000000004)	ND(0.000000002)
HxCDDs (total) 1,2,3,4,6,7,8-Hp		ND(0.00000012) ND(0.000000017)	ND(0.000000010) X ND(0.0000000030)	ND(0.000000054)	ND(0.0000000052)
HxCDDs (total) 1,2,3,4,6,7,8-Hpt		· · · · · ·			· · · · · · · · · · · · · · · · · · ·
1,2,3,7,8,9-HxCl HxCDDs (total) 1,2,3,4,6,7,8-Hp HpCDDs (total) OCDD Total TEQs (WH	CDD	ND(0.000000017)	ND(0.000000030)	ND(0.000000054)	ND(0.000000052)

Parameter	Sample ID: Date Collected:	OPCA-MW-7 06/15/99	OPCA-MW-7 05/01/01	OPCA-MW-7 10/11-10/18/07	OPCA-MW-7 04/21/08
Inorganics-Un	filtered				
Antimony		ND(0.0600)	ND(0.0600)	NA	NA
Arsenic		ND(0.00600)	ND(0.0100)	NA	NA
Barium		0.0270	0.0600 B	NA	NA
Beryllium		ND(0.00600)	ND(0.00100)	NA	NA
Cadmium		ND(0.00600)	ND(0.00500)	NA	NA
Chromium		ND(0.0130)	ND(0.0100)	NA	NA
Cobalt		ND(0.0600)	ND(0.0500)	NA	NA
Copper		ND(0.0330)	0.00790 J	NA	NA
Lead		ND(0.130) J	ND(0.00500)	NA	NA
Nickel		ND(0.0600)	ND(0.0400)	NA	NA
Selenium		ND(0.00600) J	ND(0.00500) J	NA	NA
Silver		ND(0.0130)	ND(0.00500)	NA	NA
Sulfide		ND(5.00)	ND(5.00)	ND(1.00) J	1.00 J
Thallium		ND(0.0130)	ND(0.0100) J	NA	NA
Tin		ND(0.300)	ND(0.100)	NA	NA
Vanadium		ND(0.0600)	ND(0.0500)	NA	NA
Zinc		ND(0.0260)	0.0200 B	NA	NA
Inorganics-Filt	ered				
Antimony		NA	ND(0.0600)	ND(0.0400)	ND(0.0400)
Arsenic		NA	ND(0.0100)	ND(0.0100)	ND(0.0100)
Barium		NA	0.0570 J	0.0869 B	0.0276 B
Beryllium		NA	ND(0.00100)	ND(0.0100) J	ND(0.0100) J
Cadmium		NA	ND(0.00500)	ND(0.00500)	ND(0.00500) J
Chromium		NA	ND(0.0100)	ND(0.0100)	0.00134 B
Cobalt		NA	ND(0.0500)	ND(0.0100)	ND(0.0100) J
Copper		NA	0.00730 J	ND(0.0100) J	ND(0.0100) J
Lead		NA	ND(0.00500)	ND(0.0100)	ND(0.0100)
Nickel		NA	ND(0.0400)	ND(0.0100)	ND(0.0100) J
Selenium		NA	ND(0.00500) J	ND(0.0200)	ND(0.0200)
Thallium		NA	ND(0.0100) J	ND(0.0100) J	0.0148 J
Tin		NA	ND(0.100)	ND(0.100) J	ND(0.0100) J
Vanadium		NA	ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc		NA	0.0200 B	0.0208	0.0178 B

Parameter	Sample ID: Date Collected:	OPCA-MW-7 10/21/08	OPCA-MW-8 06/14/99	OPCA-MW-8 05/01/01
Volatile Organi				
1,1,1-Trichloroet		ND(0.0010)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
1,1-Dichloroetha	ane	ND(0.0010)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Acetone		ND(0.0050) J	ND(0.10)	ND(0.010) [ND(0.010)]
Bromoform		ND(0.0010)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Chlorobenzene		ND(0.0010)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Chloroform		ND(0.0010)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Dibromochlorom	nethane	ND(0.0010)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Methylene Chlor	ride	ND(0.0050)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Tetrachloroether	ne	ND(0.0010)	ND(0.0050)	ND(0.0020) [ND(0.0020)]
Toluene		ND(0.0010)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Trichloroethene		ND(0.0010)	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Trichlorofluorom	ethane	ND(0.0010) J	ND(0.0050)	ND(0.0050) [ND(0.0050)]
Vinyl Chloride		ND(0.0010) J	ND(0.010)	ND(0.0020) [ND(0.0020)]
Total VOCs		ND(0.10)	ND(0.20)	ND(0.20) [ND(0.20)]
PCBs-Unfiltere	d			
Aroclor-1254		NA	ND(0.00010)	ND(0.000065) [ND(0.000065)]
Aroclor-1260		NA	ND(0.00010)	ND(0.000065) [ND(0.000065)]
Total PCBs		NA	ND(0.00010)	ND(0.000065) [ND(0.000065)]
PCBs-Filtered			•	•
Aroclor-1254		ND(0.000067) J	NA	ND(0.000065) [ND(0.000065)]
Aroclor-1260		ND(0.000067) J	NA	ND(0.000065) [ND(0.000065)]
Total PCBs		ND(0.000067) J	NA	ND(0.000065) [ND(0.000065)]
Semivolatile Or	ganics	· · ·		
1,2,4-Trichlorobe	enzene	ND(0.0052)	ND(0.010)	ND(0.010) [ND(0.010)]
Acenaphthene		ND(0.0052)	ND(0.010)	ND(0.010) [ND(0.010)]
bis(2-Ethylhexyl)phthalate	ND(0.0052)	ND(0.010)	ND(0.0060) [ND(0.0060)]
Dibenzofuran		ND(0.0052)	ND(0.010)	ND(0.010) [ND(0.010)]
Dimethylphthala	te	ND(0.0052)	ND(0.010)	ND(0.010) [ND(0.010)]
Naphthalene		ND(0.0052)	ND(0.010)	ND(0.010) [ND(0.010)]
Furans				
2,3,7,8-TCDF		ND(0.000000033)	ND(0.0000000070)	ND(0.000000010) [ND(0.000000018) X]
TCDFs (total)		ND(0.000000033)	ND(0.0000000070)	ND(0.000000010) [ND(0.000000032) X]
1,2,3,7,8-PeCDF	-	ND(0.000000051)	ND(0.000000029)	ND(0.000000028) [ND(0.00000026)]
2,3,4,7,8-PeCDF	-	ND(0.000000051)	ND(0.000000027)	ND(0.000000011) [0.000000034 J]
PeCDFs (total)		ND(0.000000051)	ND(0.000000029)	ND(0.000000028) [0.00000040]
1,2,3,4,7,8-HxCl	DF	ND(0.000000051)	ND(0.000000097)	ND(0.000000014) [ND(0.000000045)]
1,2,3,6,7,8-HxCl	DF	ND(0.000000051)	ND(0.000000099)	ND(0.0000000070) [ND(0.000000028)]
1,2,3,7,8,9-HxCl		ND(0.000000051)	ND(0.000000094)	ND(0.0000000090) [0.000000018 JB]
2,3,4,6,7,8-HxCl	DF	ND(0.000000051)	ND(0.00000010)	ND(0.0000000080) [ND(0.000000023)]
HxCDFs (total)		ND(0.000000051)	ND(0.00000010)	ND(0.000000014) [0.00000025]
1,2,3,4,6,7,8-Hp		ND(0.000000051)	ND(0.00000022)	ND(0.000000013) [ND(0.000000036) XB]
1,2,3,4,7,8,9-Hp	CDF	ND(0.000000053)	ND(0.00000022)	ND(0.000000016) [0.000000040 JB]
HpCDFs (total)		ND(0.000000053)	ND(0.00000022)	ND(0.000000014) [0.000000058]
OCDF		ND(0.00000014)	ND(0.000000025)	ND(0.000000031) [0.000000095 J]
Dioxins				
2,3,7,8-TCDD		ND(0.000000032)	ND(0.000000011)	ND(0.000000013) [ND(0.000000014)]
TCDDs (total)	-	ND(0.000000032)	ND(0.000000011)	ND(0.000000013) [ND(0.000000014)]
1,2,3,7,8-PeCDI	נ	ND(0.000000051)	ND(0.00000011)	ND(0.000000016) [ND(0.000000040)]
PeCDDs (total)		ND(0.000000051)	ND(0.00000011)	ND(0.000000016) [0.000000040]
1,2,3,4,7,8-HxCl		ND(0.000000051)	ND(0.00000013)	ND(0.000000013) [ND(0.000000024)]
1,2,3,6,7,8-HxCl		ND(0.000000051)	ND(0.00000016)	ND(0.000000013) [ND(0.000000019) XB]
1,2,3,7,8,9-HxCl	טט	ND(0.000000051)	ND(0.00000014)	ND(0.000000012) [ND(0.000000038)]
HxCDDs (total)	000	ND(0.000000051)	ND(0.00000016)	ND(0.00000012) [0.000000062]
1,2,3,4,6,7,8-Hp	CDD	ND(0.000000074)	ND(0.00000030)	ND(0.000000024) [ND(0.000000081)]
HpCDDs (total)		ND(0.000000074)	ND(0.00000030)	ND(0.000000014) X [0.00000012]
		ND(0.00000016)	ND(0.00000037)	ND(0.000000051) XB [ND(0.00000043)]
Total TEQs (WH	IU I EFS)	0.000000076	0.00000011	0.000000023 [0.000000063]

Parameter	Sample ID: Date Collected:	OPCA-MW-7 10/21/08	OPCA-MW-8 06/14/99	OPCA-MW-8 05/01/01
Inorganics-Unf		10/21/00	00/14/33	0001/01
Antimony		NA	ND(0.0600)	ND(0.0600) [ND(0.0600)]
Arsenic		NA	ND(0.00600)	ND(0.0100) J [ND(0.0100) J]
Barium		NA	0.0860	0.0290 B [0.0300 B]
Beryllium		NA	ND(0.00600)	ND(0.00100) [ND(0.00100)]
Cadmium		NA	ND(0.00600)	ND(0.00500) [ND(0.00500)]
Chromium		NA	ND(0.0130)	0.00600 B [0.00520 B]
Cobalt		NA	ND(0.0600)	ND(0.0500) [ND(0.0500)]
Copper		NA	ND(0.0330)	ND(0.0250) [ND(0.0250)]
Lead		NA	ND(0.130) J	ND(0.00500) J [ND(0.00500) J]
Nickel		NA	ND(0.0600)	ND(0.0400) [ND(0.0400)]
Selenium		NA	ND(0.00600) J	ND(0.00500) [ND(0.00500)]
Silver		NA	ND(0.0130)	ND(0.00500) [ND(0.00500)]
Sulfide		1.00 J	ND(5.00)	ND(5.00) [ND(5.00)]
Thallium		NA	ND(0.0130)	ND(0.0100) J [ND(0.0100) J]
Tin		NA	ND(0.300)	ND(0.100) [ND(0.100)]
Vanadium		NA	ND(0.0600)	ND(0.0500) [ND(0.0500)]
Zinc		NA	ND(0.0260)	0.0970 [0.120]
Inorganics-Filte	ered		· · · · · · · · · · · · · · · · · · ·	
Antimony		ND(0.0400)	NA	ND(0.0600) [ND(0.0600)]
Arsenic		ND(0.0100) J	NA	ND(0.0100) J [ND(0.0100) J]
Barium		0.0368 B	NA	0.0280 J [0.0280 J]
Beryllium		ND(0.0100) J	NA	ND(0.00100) [ND(0.00100)]
Cadmium		ND(0.00500) J	NA	ND(0.00500) [ND(0.00500)]
Chromium		ND(0.0100) J	NA	0.00290 B [0.00370 B]
Cobalt		ND(0.0100) J	NA	ND(0.0500) [ND(0.0500)]
Copper		ND(0.200) J	NA	ND(0.0250) [0.00420 B]
Lead		ND(0.0100) J	NA	ND(0.00500) J [ND(0.00500) J]
Nickel		ND(0.0500)	NA	ND(0.0400) [0.00410 B]
Selenium		ND(0.0200) J	NA	ND(0.00500) [ND(0.00500)]
Thallium		ND(0.0100) J	NA	ND(0.0100) J [ND(0.0100) J]
Tin		ND(0.100) J	NA	ND(0.100) [ND(0.100)]
Vanadium		ND(0.0500)	NA	ND(0.0500) [ND(0.0500)]
Zinc		0.00771 B	NA	0.0540 [0.0560]

_	Sample ID:	OPCA-MW-8	OPCA-MW-8	OPCA-MW-8
Parameter	Date Collected:	10/11/07	04/23/08	10/22/08
Volatile Organic				
1,1,1-Trichloroet		ND(0.0010)	ND(0.0010)	ND(0.0010)
1,1-Dichloroetha	ne	ND(0.0010)	ND(0.0010)	ND(0.0010)
Acetone		ND(0.0050) J	ND(0.0050) J	ND(0.0050) J
Bromoform		ND(0.0010) J	ND(0.0010)	ND(0.0010)
Chlorobenzene		ND(0.0010)	ND(0.0010)	ND(0.0010)
Chloroform		ND(0.0010)	ND(0.0010)	ND(0.0010)
Dibromochlorom		ND(0.0010)	ND(0.0010)	ND(0.0010)
Methylene Chlor		ND(0.0050)	ND(0.0050) J	ND(0.0050)
Tetrachloroether	ne	ND(0.0010)	ND(0.0010)	ND(0.0010)
Toluene		ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichloroethene		ND(0.0010)	ND(0.0010)	ND(0.0010)
Trichlorofluorom	ethane	ND(0.0010)	ND(0.0010)	ND(0.0010)
Vinyl Chloride		ND(0.0010)	ND(0.0010)	ND(0.0010)
Total VOCs		ND(0.10)	ND(0.10)	ND(0.10)
PCBs-Unfiltered	t l			
Aroclor-1254		NA	NA	NA
Aroclor-1260		NA	NA	NA
Total PCBs		NA	NA	NA
PCBs-Filtered	Į.			
Aroclor-1254		ND(0.00010)	0.00019 J	ND(0.00010)
Aroclor-1260		ND(0.00010)	ND(0.000069) J	ND(0.00010)
Total PCBs		ND(0.00010)	0.00019 J	ND(0.00010)
Semivolatile Or	ganics	(
1,2,4-Trichlorobe	0	ND(0.010)	ND(0.0051)	ND(0.0051)
Acenaphthene		ND(0.010)	ND(0.0051)	ND(0.0051)
bis(2-Ethylhexyl)	nhthalate	0.0017 J	0.0011 J	0.00087 J
Dibenzofuran	prinalate	ND(0.010)	ND(0.0051)	ND(0.0051)
Dimethylphthalat	6	ND(0.010)	ND(0.0051)	ND(0.0051)
Naphthalene		ND(0.010)	ND(0.0051)	ND(0.0051)
Furans		112(0.010)	(0.0001)	(0.0001)
2,3,7,8-TCDF	1	ND(0.000000026)	ND(0.000000050)	ND(0.00000014)
TCDFs (total)		ND(0.000000026)	0.000000017	ND(0.000000014)
1,2,3,7,8-PeCDF	-	ND(0.00000000000000000000000000000000000	ND(0.000000052)	ND(0.0000000052)
2,3,4,7,8-PeCDF		ND(0.00000000000000000000000000000000000	ND(0.000000052)	0.000000058 J
	-	ND(0.00000000000000000000000000000000000	ND(0.0000000052)	ND(0.00000012)
PeCDFs (total) 1,2,3,4,7,8-HxCI		ND(0.00000000000000000000000000000000000	ND(0.000000052)	ND(0.00000012) ND(0.0000000052)
1,2,3,6,7,8-HxC		ND(0.00000000000000000000000000000000000	ND(0.000000052)	ND(0.000000052)
1,2,3,7,8,9-HxC		ND(0.00000000000000000000000000000000000	ND(0.0000000052)	ND(0.000000052)
2,3,4,6,7,8-HxC		ND(0.00000000000000000000000000000000000	ND(0.000000052)	ND(0.000000052)
HxCDFs (total)	JF	ND(0.00000000000000000000000000000000000	ND(0.000000052)	ND(0.000000032)
· · · /	CDE	ND(0.00000000000000000000000000000000000	ND(0.000000052)	ND(0.000000093) X
1,2,3,4,6,7,8-Hp 1,2,3,4,7,8,9-Hp		ND(0.00000000000000000000000000000000000	ND(0.000000052)	ND(0.00000000000000000000000000000000000
HpCDFs (total)	CDF	ND(0.00000000000000000000000000000000000	ND(0.00000000000000000000000000000000000	ND(0.0000000056)
OCDF (IOIAI)		· /		0.000000018 J
		ND(0.00000010)	ND(0.00000011)	0.000000103
Dioxins				
2,3,7,8-TCDD		ND(0.000000032)	ND(0.000000044)	ND(0.000000029)
TCDDs (total)		ND(0.000000032)	ND(0.000000044)	ND(0.000000029)
1,2,3,7,8-PeCDE	J	ND(0.000000050)	ND(0.000000052)	ND(0.000000052)
PeCDDs (total)	20	ND(0.000000050)	ND(0.000000052)	ND(0.000000052)
1,2,3,4,7,8-HxCE		ND(0.000000050)	ND(0.000000052)	ND(0.000000052)
1,2,3,6,7,8-HxCE		ND(0.000000050)	ND(0.000000052)	ND(0.000000052)
1,2,3,7,8,9-HxCE	טנ	ND(0.000000050)	ND(0.000000052)	ND(0.000000052)
HxCDDs (total)	000	ND(0.000000050)	ND(0.000000052)	ND(0.000000078)
1,2,3,4,6,7,8-Hp	עעט	ND(0.000000059)	ND(0.000000085)	0.00000015 J
HpCDDs (total)		ND(0.000000059)	ND(0.000000085)	ND(0.00000015)
OCDD		0.00000020 J	0.00000017 J	0.00000086 J
Total TEQs (WH	U IEFS)	0.000000075	0.000000084	0.000000098

Parameter	Sample ID: Date Collected:	OPCA-MW-8 10/11/07	OPCA-MW-8 04/23/08	OPCA-MW-8 10/22/08
Inorganics-Unf	filtered		4	
Antimony		NA	NA	NA
Arsenic		NA	NA	NA
Barium		NA	NA	NA
Beryllium		NA	NA	NA
Cadmium		NA	NA	NA
Chromium		NA	NA	NA
Cobalt		NA	NA	NA
Copper		NA	NA	NA
Lead		NA	NA	NA
Nickel		NA	NA	NA
Selenium		NA	NA	NA
Silver		NA	NA	NA
Sulfide		ND(1.00)	ND(1.00)	ND(1.00)
Thallium		NA	NA	NA
Tin		NA	NA	NA
Vanadium		NA	NA	NA
Zinc		NA	NA	NA
Inorganics-Filt	ered			
Antimony		ND(0.0400)	ND(0.0400)	ND(0.0400)
Arsenic		ND(0.0100)	ND(0.0100)	ND(0.0100) J
Barium		ND(0.100)	0.00521 B	0.0225 B
Beryllium		ND(0.0100) J	0.00141 J	ND(0.0100) J
Cadmium		ND(0.00500)	ND(0.00500) J	0.00287 B J
Chromium		ND(0.0100)	0.00210 B	ND(0.0100) J
Cobalt		ND(0.0100)	ND(0.0100) J	ND(0.0100) J
Copper		ND(0.0100) J	ND(0.0100) J	ND(0.200) J
Lead		ND(0.0100)	ND(0.0100)	0.00427 B J
Nickel		ND(0.0100)	ND(0.0100) J	ND(0.0500)
Selenium		ND(0.0200)	ND(0.0200)	ND(0.0200) J
Thallium		ND(0.0100) J	0.00674 J	ND(0.0100) J
Tin		ND(0.100) J	ND(0.0100) J	ND(0.100) J
Vanadium		ND(0.0500)	ND(0.0500)	ND(0.0500)
Zinc		0.00726 B	0.298	0.0610

Baseline Groundwater Quality Interim Report for Fall 2008 Groundwater Management Area 4 General Electric Company - Pittsfield, Massachusetts (Results are presented in parts per million, ppm)

Notes:

- 1. Samples were collected by ARCADIS and submitted to SGS Environmental Services, Inc. and Northeast Analytical, Inc. for analysis of Appendix IX+3 constituents.
- Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (approved March 15, 2007 and re-submitted March 30, 2007).
- 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.

Data Qualifiers:

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

- B Analyte was also detected in the associated method blank.
- ${\sf J}$ Indicates that the associated numerical value is an estimated concentration.
- R Data was rejected due to a deficiency in the data generation process.
- X Estimated maximum possible concentration.
- Y 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

- B Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
- J Indicates that the associated numerical value is an estimated concentration.
- R Data was rejected due to a deficiency in the data generation process.

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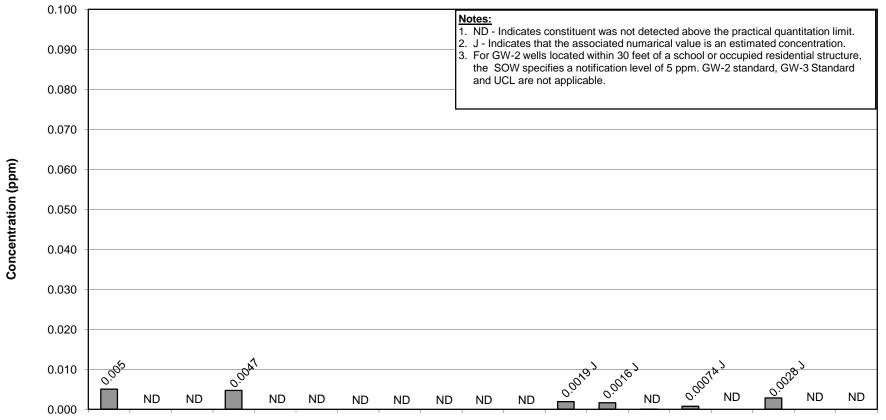
Historical Groundwater Data

Total VOC Concentrations – Wells Sampled in Fall 2008

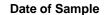
Appendix D Well 78-1 Historical Total VOC Concentrations

Groundwater Management Area 4

General Electric Company - Pittsfield, Massachusetts



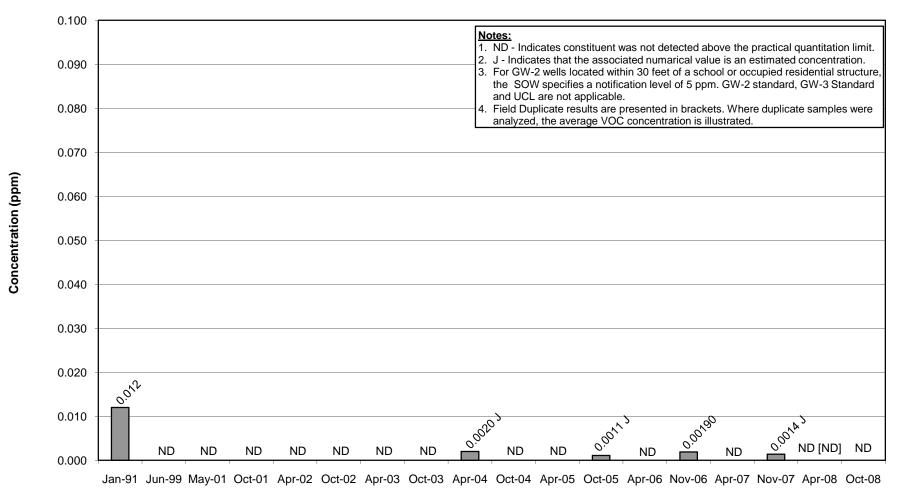
Jan-91 Sep-96 Jun-99 May-01 Oct-01 Apr-02 Oct-02 Apr-03 Nov-03 Apr-04 Oct-04 Apr-05 Oct-05 Apr-06 Nov-06 Apr-07 Oct-07 Apr-08 Oct-08



Appendix D Well 78-6 Historical Total VOC Concentrations

Groundwater Management Area 4

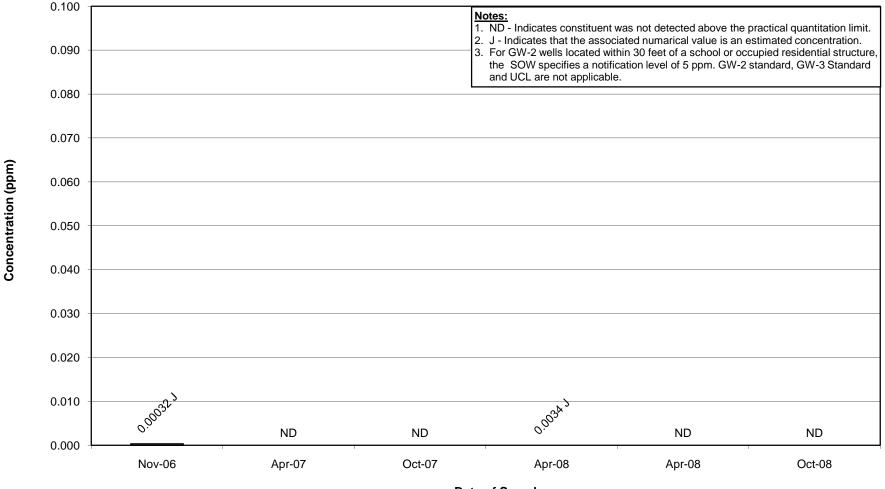
General Electric Company - Pittsfield, Massachusetts



Date of Sample

Appendix D Well GMA4-6 Historical Total VOC Concentrations

Groundwater Management Area 4 General Electric Company - Pittsfield, Massachusetts

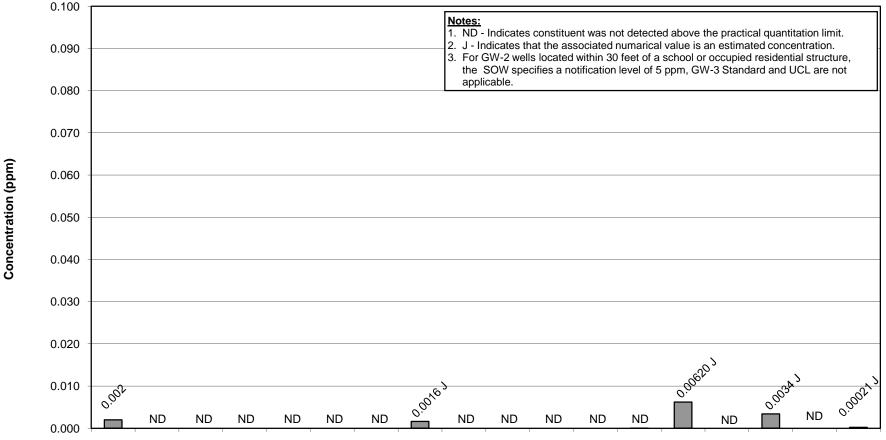


Date of Sample

Appendix D Well H78B-15 Historical Total VOC Concentrations

Groundwater Management Area 4

General Electric Company - Pittsfield, Massachusetts

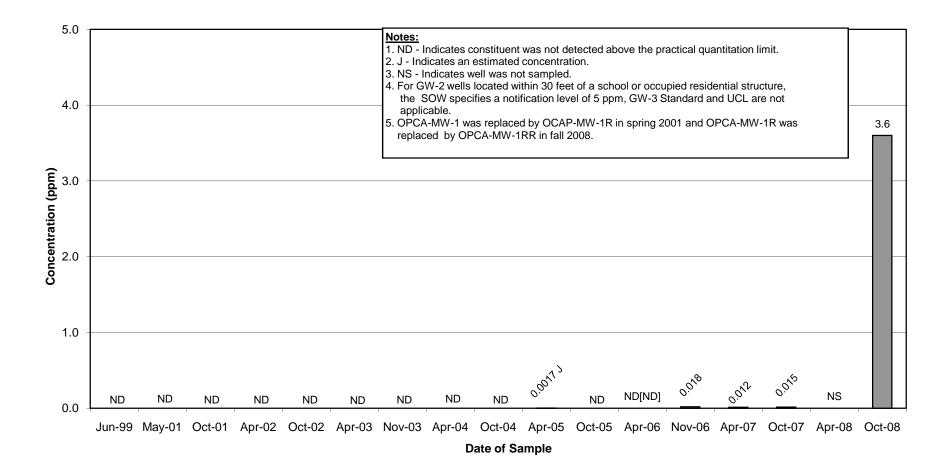


Sep-96 Jun-99 May-01 Nov-01 Apr-02 Oct-02 Apr-03 Nov-03 Apr-04 Oct-04 Apr-05 Oct-05 Apr-06 Nov-06 Apr-07 Oct-07 Apr-08 Oct-08

Date of Sample

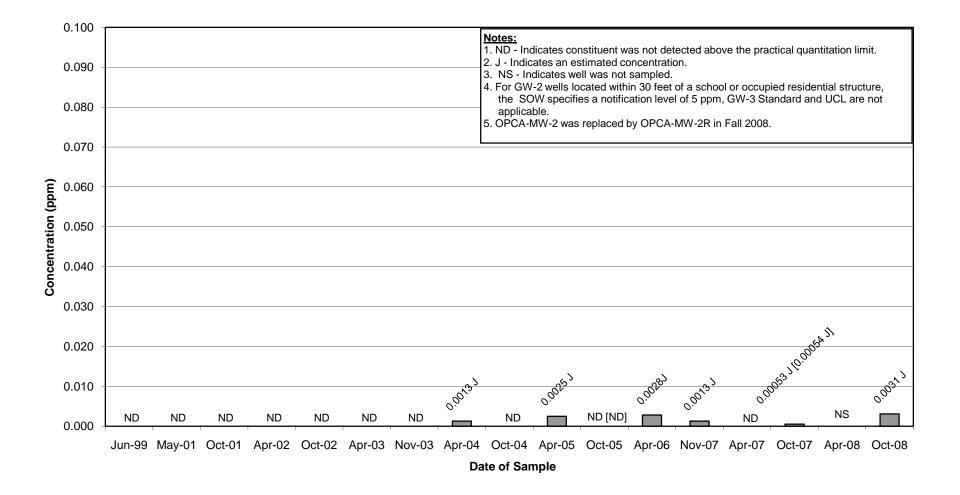
Appendix D Well OPCA-MW-1/OPCA-MW-1R/OPCA-MW-1RR Historical Total VOC Concentrations

Groundwater Management Area 4



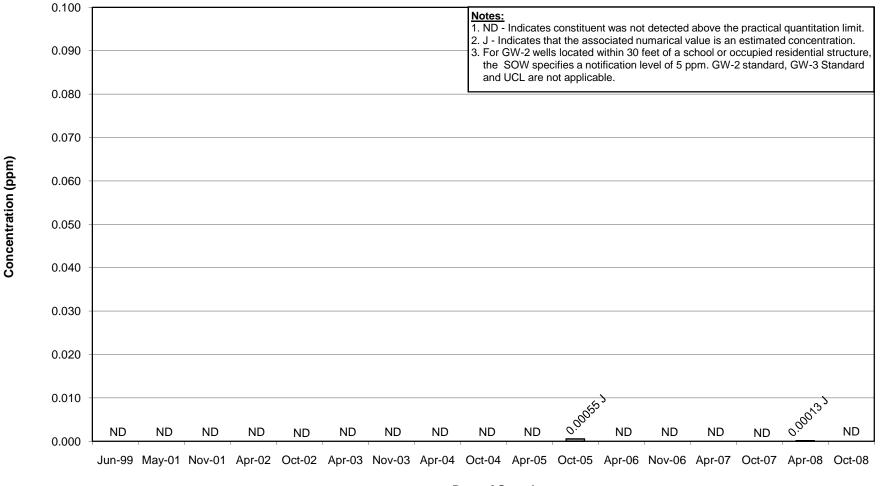
Appendix D Well OPCA-MW-2/OPCA-MW-2R Historical Total VOC Concentrations

Groundwater Management Area 4



Appendix D Well OPCA-MW-3 Historical Total VOC Concentrations

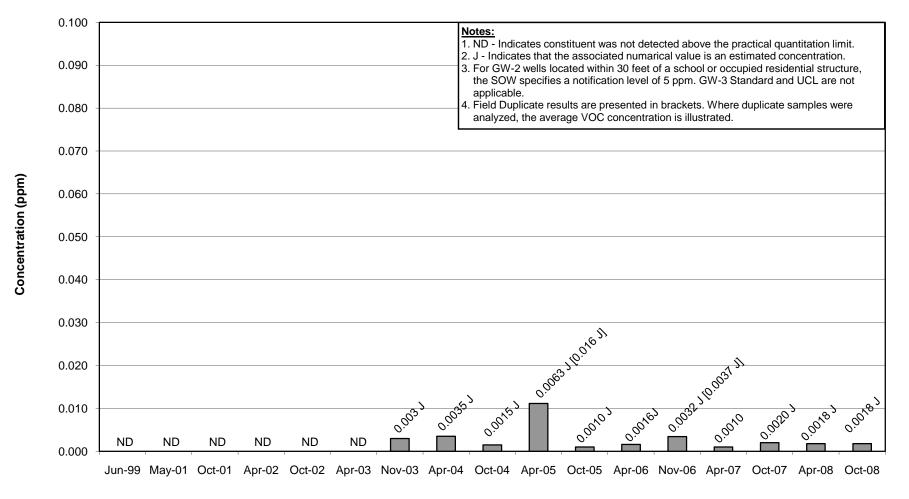
Groundwater Management Area 4



Appendix D Well OPCA-MW-4 Historical Total VOC Concentrations

Groundwater Management Area 4

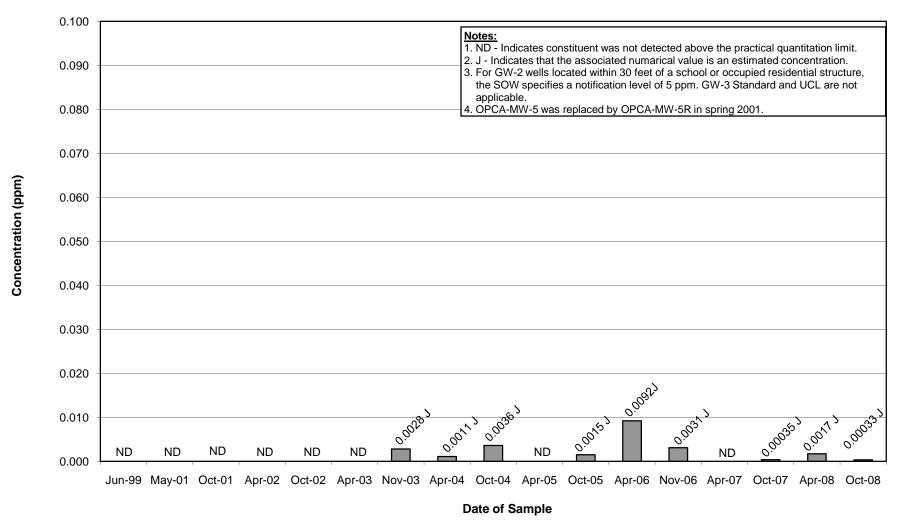
General Electric Company - Pittsfield, Massachusetts



Date of Sample

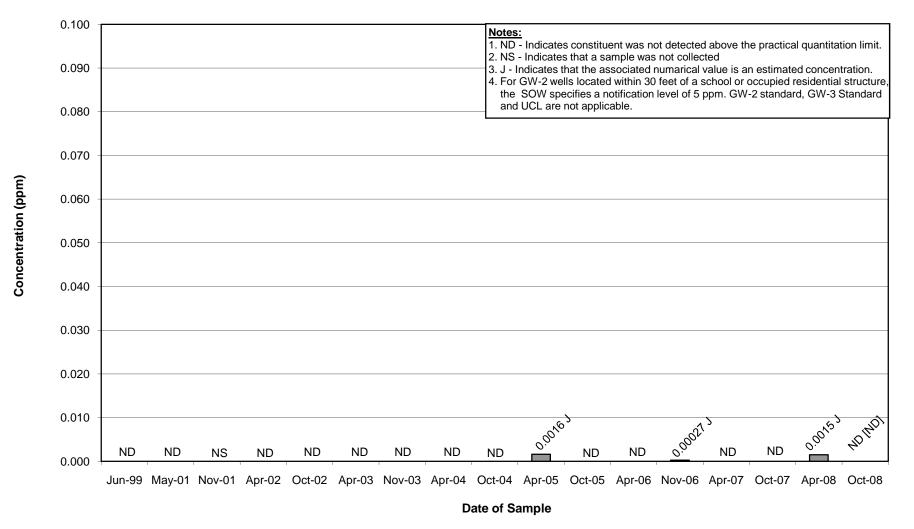
Appendix D Well OPCA-MW-5R Historical Total VOC Concentrations

Groundwater Management Area 4



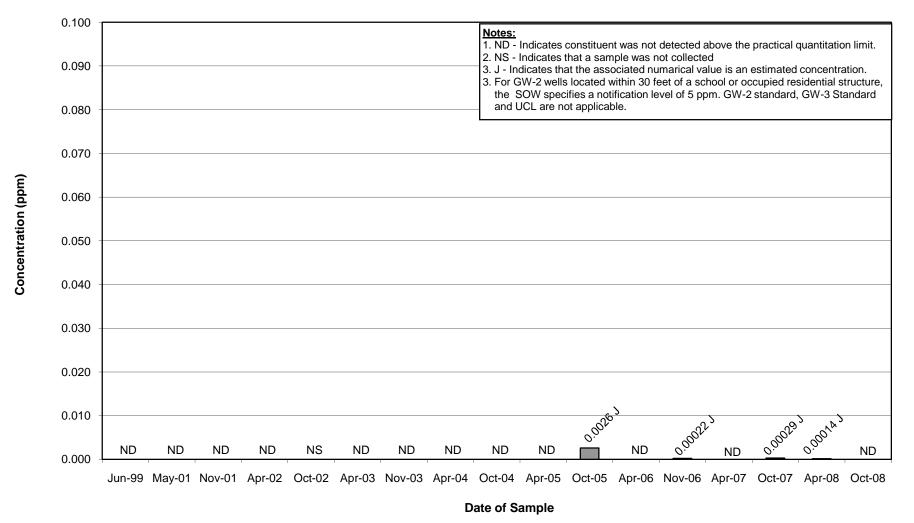
Appendix D Well OPCA-MW-6 Historical Total VOC Concentrations

Groundwater Management Area 4



Appendix D Well OPCA-MW-7 Historical Total VOC Concentrations

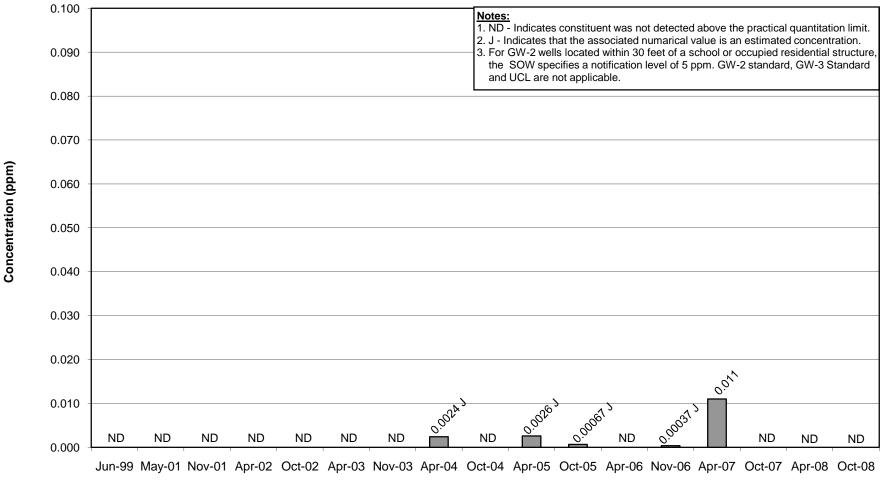
Groundwater Management Area 4



Appendix D Well OPCA-MW-8 Historical Total VOC Concentrations

Groundwater Management Area 4

General Electric Company - Pittsfield, Massachusetts



Date of Sample

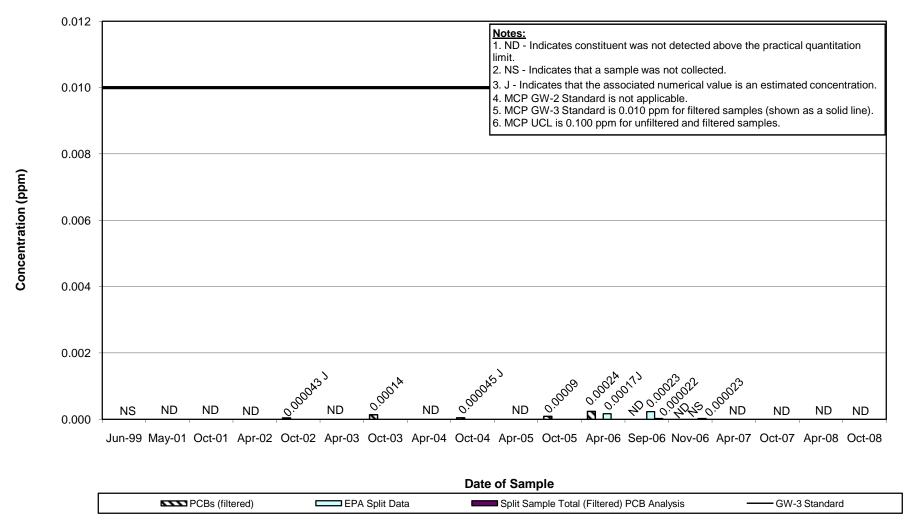
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Historical Groundwater Data

Total PCB Concentrations – Wells Sampled in Fall 2008

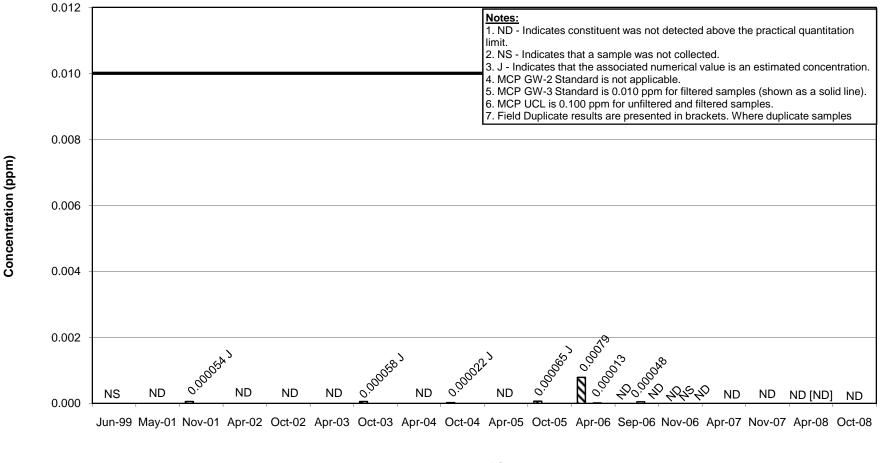
Appendix D Well 78-1 Historical Total PCB Concentrations

Groundwater Management Area 4



Appendix D Well 78-6 Historical Total PCB Concentrations

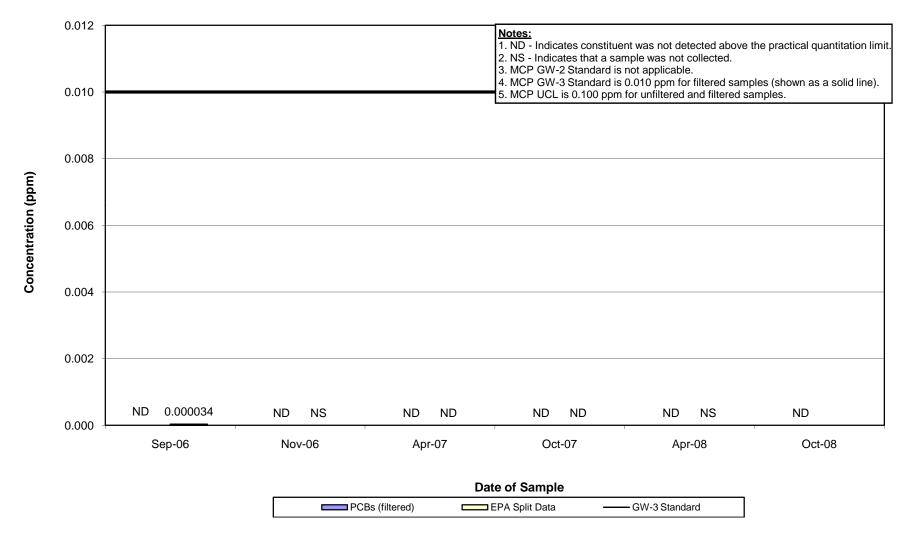
Groundwater Management Area 4



		Date of Sample	
PCBs (filtered)	EPA Split Data	Split Sample Total (Filtered) PCB Analysis	GW-3 Standard

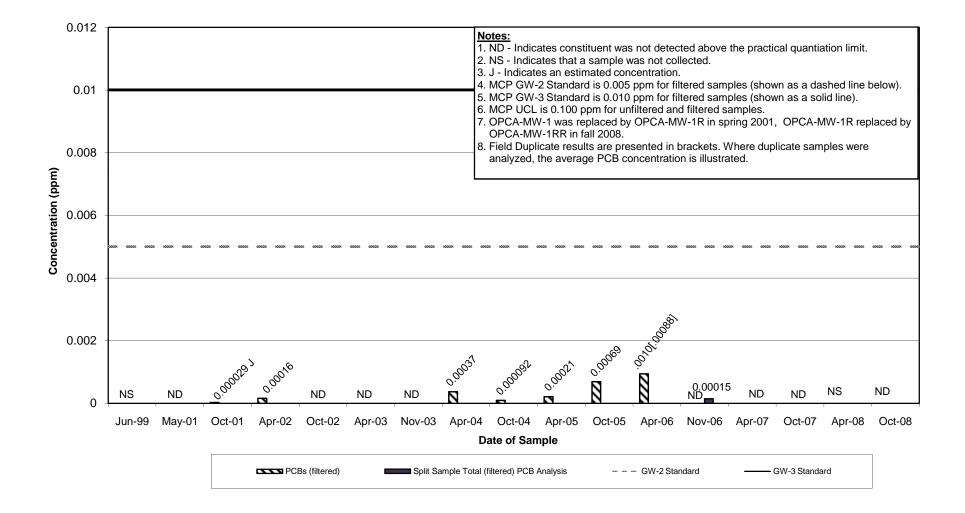
Appendix D Well GMA4-6 Historical Total PCB Concentrations

Groundwater Management Area 4



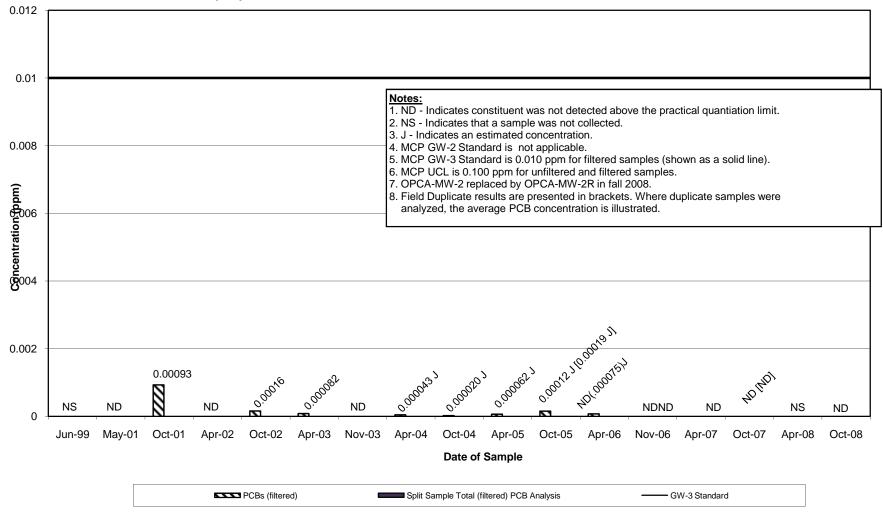
Appendix D Well OPCA-MW-1/OPCA-MW-1R/OPCA-MW-1RR Historical Total PCB Concentrations

Groundwater Management Area 4



Appendix D Well OPCA-MW-2/OPCA-MW-2R Historical Total PCB Concentrations

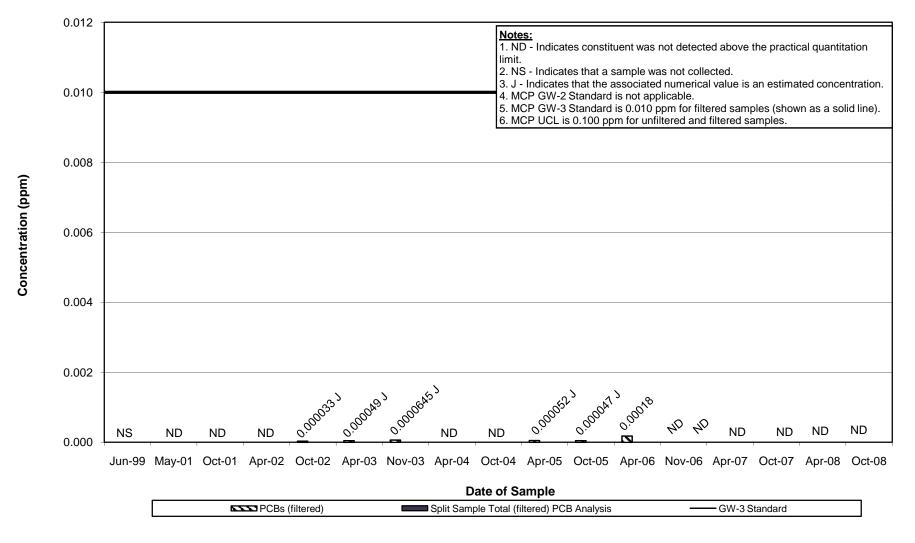
Groundwater Management Area 4 General Electric Company - Pittsfield, Massachusetts



Appendix D Well OPCA-MW-3 Historical Total PCB Concentrations

Groundwater Management Area 4

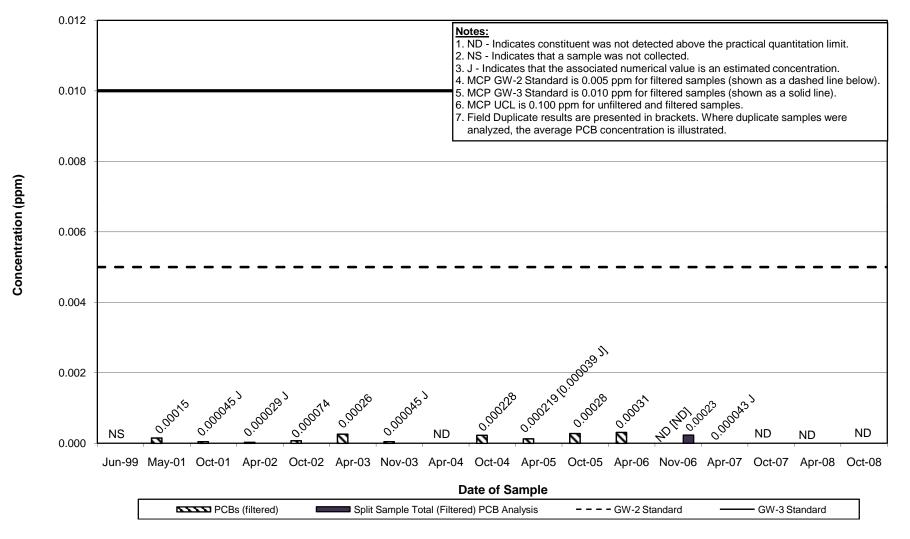
General Electric Company - Pittsfield, Massachusetts



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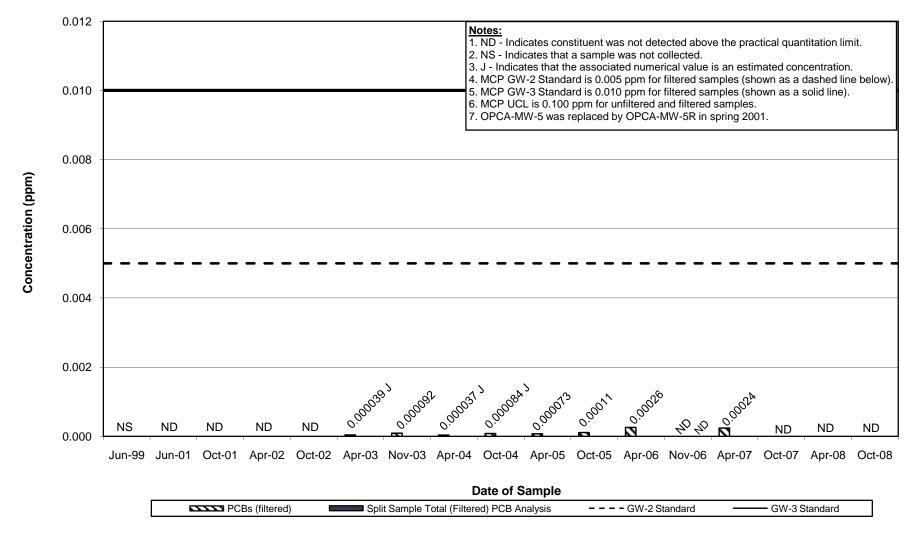
Appendix D Well OPCA-MW-4 Historical Total PCB Concentrations

Groundwater Management Area 4



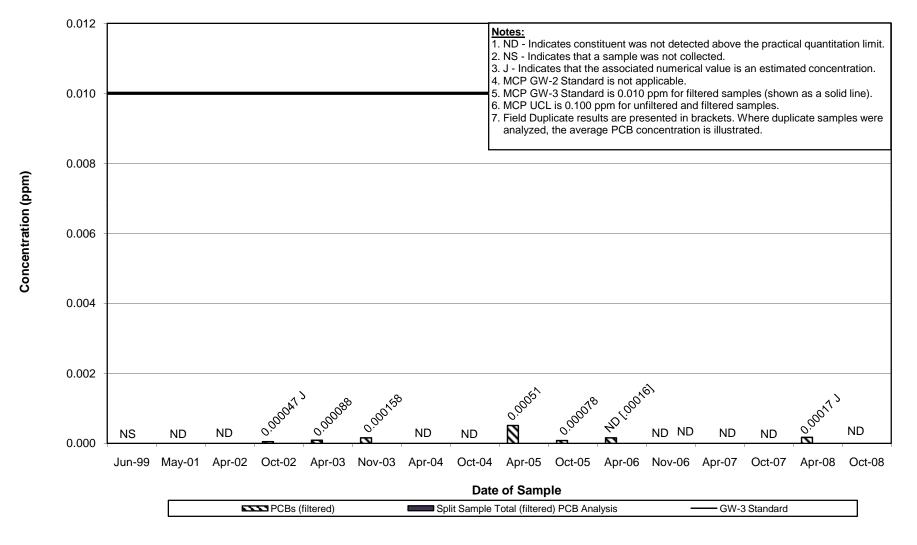
Appendix D Well OPCA-MW-5R Historical Total PCB Concentrations

Groundwater Management Area 4



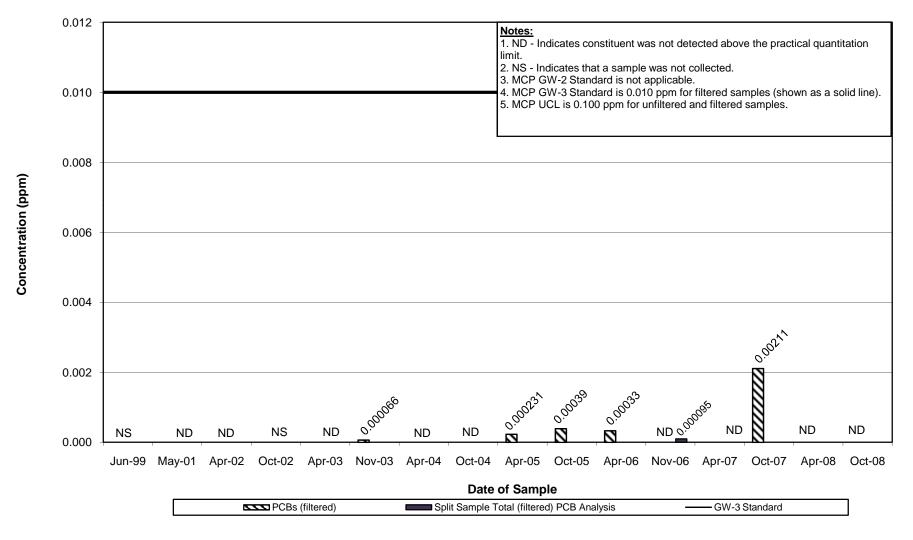
Appendix D Well OPCA-MW-6 Historical Total PCB Concentrations

Groundwater Management Area 4



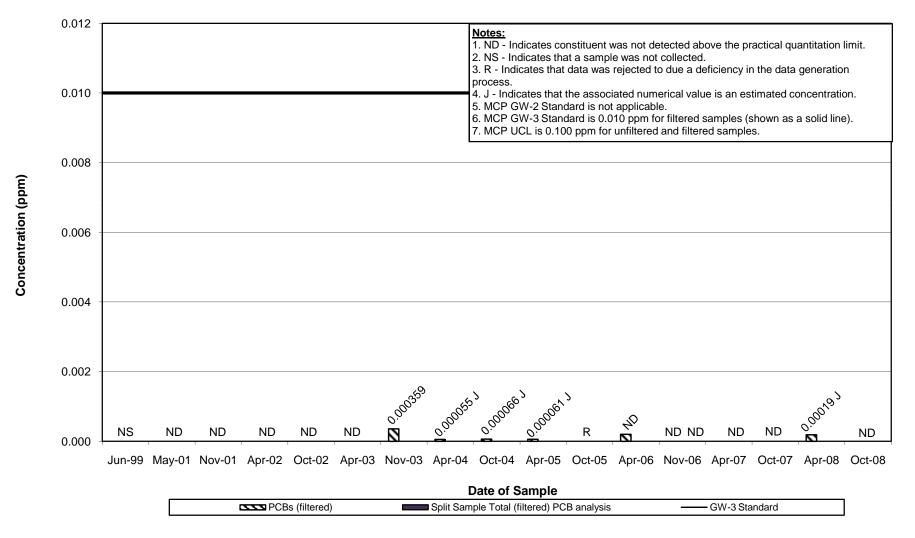
Appendix D Well OPCA-MW-7 Historical Total PCB Concentrations

Groundwater Management Area 4



Appendix D Well OPCA-MW-8 Historical Total PCB Concentrations

Groundwater Management Area 4



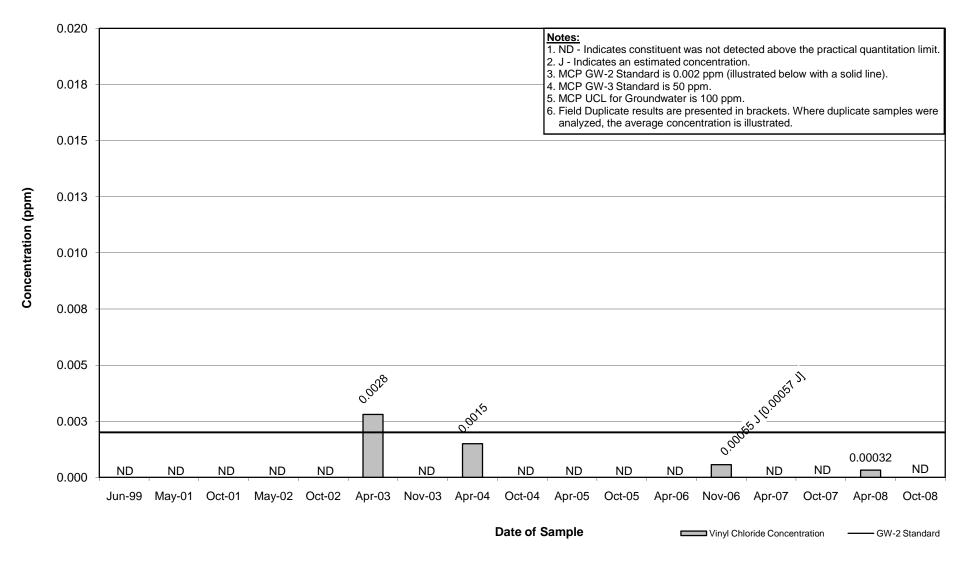
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Historical Groundwater Data

Vinyl Chloride Concentrations – Selected Wells

Appendix D Well OPCA-MW-4 Historical Vinyl Chloride Concentrations

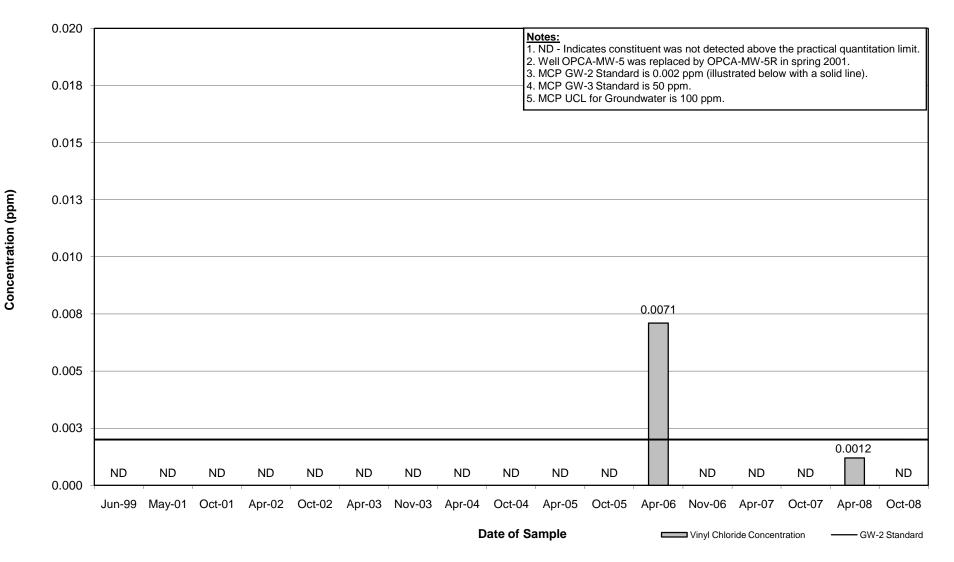
Groundwater Management Area 4



Appendix D Well OPCA-MW-5/OPCA-MW-5R Historical Vinyl Chloride Concentrations

Groundwater Management Area 4

General Electric Company - Pittsfield, Massachusetts



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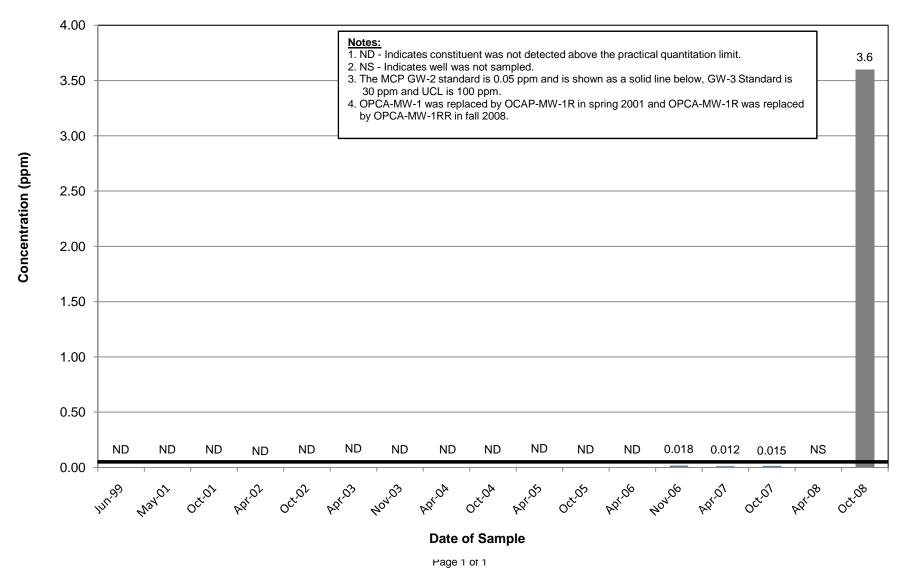
ARCADIS

Historical Groundwater Data

Tetrachloroethene Concentrations – Well OPCA-MW-1RR

Appendix D Well OPCA-MW-1/OPCA-MW-1R/OPCA-MW-1RR Historical Tetrachloroethene (PCE) Concentrations

Groundwater Management Area 4 General Electric Company - Pittsfield, Massachusetts



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Appendix E

Pittsfield Generating Company Groundwater Analytical Data

Table E-1 Summary Of Pittsfield Generating Company Groundwater Data

Groundwater Quality Monitoring Interim Report for Fall 2008 Groundwater Management Area 4 General Electric Company - Pittsfield Massachusetts

(Results in ppm)

Analyte Identification	MCP GW-3 Standard	Method 3 UCL	ASW-5 6/10/96	ASW-5/W-5* 9/20/96	ASW-5 12/16/96	ASW-5 6/9/97	ASW-5 12/16/97	ASW-5 6/23/98	ASW-5 12/29/98
Volatile Organics	Stanuaru	UCL	0/10/90	5/20/90	12/10/90	0/3/3/	12/10/97	0/23/90	12/23/30
.	News	Maria	1	1		1			1
1,2 - Dichloroethene (total)	None	None							
Acetone	50	100							
Methylene chloride	50	100		0.0050 JB					
Trichloroethene	20	100	0.016	0.0150	0.014	0.0150	0.0120	0.013	0.024
PCBs - Unfiltered									
PCB-1254	None	None							
PCB-1260	None	None							
Total PCBs	Not Applicable	0.005							
PCBs - Filtered			-						-
PCB-1254	None	None	NA		NA	NA	NA	NA	NA
PCB-1260	None	None	NA		NA	NA	NA	NA	NA
Total PCBs	0.0003	0.005	NA		NA	NA	NA	NA	NA

Analyte Identification	MCP GW-3 Standard	Method 3 UCL	ASW-5 6/21/99	ASW-5 12/13/99	ASW-5 5/31/00	ASW-5 12/26/00	ASW-5 6/20/01	ASW-5 12/11/01	ASW-5 6/12/02
Volatile Organics									
1,2 - Dichloroethene (total)	None	None	0.006						
Acetone	50	100							
Methylene chloride	50	100							
Trichloroethene	20	100	0.032	0.026	0.021	0.015	0.016	0.013	0.021
PCBs - Unfiltered									-
PCB-1254	None	None							
PCB-1260	None	None							
Total PCBs	Not Applicable	0.005							
PCBs - Filtered									
PCB-1254	None	None	NA	NA	NA	NA	NA	NA	NA
PCB-1260	None	None	NA	NA	NA	NA	NA	NA	NA
Total PCBs	0.0003	0.005	NA	NA	NA	NA	NA	NA	NA

Table E-1 Summary Of Pittsfield Generating Company Groundwater Data

Groundwater Quality Monitoring Interim Report for Fall 2008 Groundwater Management Area 4 General Electric Company - Pittsfield Massachusetts

(Results in ppm)

Analyte Identification	MCP GW-3 Standard	Method 3 UCL	ASW-5 12/6/02	ASW-5 6/2/03	ASW-5 12/1/03	ASW-5 6/7/04	ASW-5 12/13/04	ASW-5 6/7/05	ASW-5 12/7/05
Volatile Organics									
1,2 - Dichloroethene (total)	None	None							
Acetone	50	100			0.017				
Methylene chloride	50	100							
Trichloroethene	20	100	0.012	0.022	0.016	0.019	0.017	0.018	0.018
PCBs - Unfiltered									
PCB-1254	None	None							
PCB-1260	None	None							
Fotal PCBs	Not Applicable	0.005							
PCBs - Filtered									
PCB-1254	None	None	NA	NA	NA	NA	NA	NA	NA
PCB-1260	None	None	NA	NA	NA	NA	NA	NA	NA
Fotal PCBs	0.0003	0.005	NA	NA	NA	NA	NA	NA	NA

Analyte Identification	MCP GW-3 Standard	Method 3 UCL	ASW-5 6/6/06	ASW-5 12/12/06	ASW-5 6/4/07	ASW-5 12/4/07	ASW-5 6/4/08	ASW-5 12/2/08
Volatile Organics	Otalidard	002	0,0,00	12/12/00	0,4,01	12/4/01	0/4/00	12/2/00
1,2 - Dichloroethene (total)	None	None						
Acetone	50	100						
Methylene chloride	50	100						
Trichloroethene	20	100	0.014	0.012	0.0086	0.014	0.0097	
PCBs - Unfiltered			•	•				
PCB-1254	None	None						
PCB-1260	None	None						
Total PCBs	Not Applicable	0.005						
PCBs - Filtered			•	•				
PCB-1254	None	None	NA	NA	NA	NA	NA	NA
PCB-1260	None	None	NA	NA	NA	NA	NA	NA
Total PCBs	0.0003	0.005	NA	NA	NA	NA	NA	NA

Table E-1 Summary Of Pittsfield Generating Company Groundwater Data

Groundwater Quality Monitoring Interim Report for Fall 2008 Groundwater Management Area 4 General Electric Company - Pittsfield Massachusetts

(Results in ppm)

Notes:

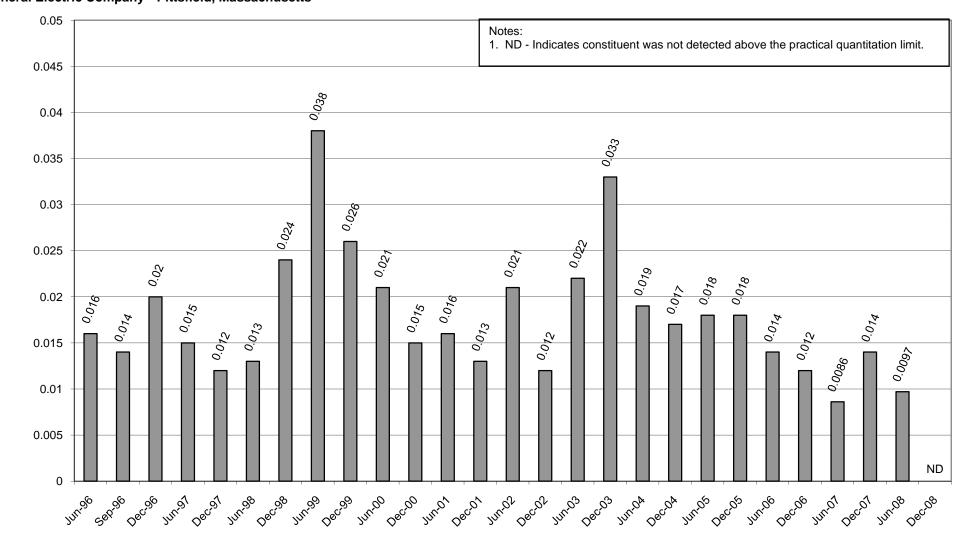
- 1. Only parameters detected in at least one sample are shown.
- 2. -- Compound was not detected.
- 3. J Indicates an estimated value less than the practical quantitation limit (PQL).
- 4. B Analyte was also detected in the associated blank.
- 5. * Sample was collected by Blasland, Bouck, & Lee, Inc., now known as ARCADIS.
- 6. NA Not Analyzed

Appendix E

VOC Concentrations (ppm)

Summary of Pittsfield Generating Company Groundwater Data Well ASW-5 Historical Total VOC Concentrations

Groundwater Management Area 4 General Electric Company - Pittsfield, Massachusetts

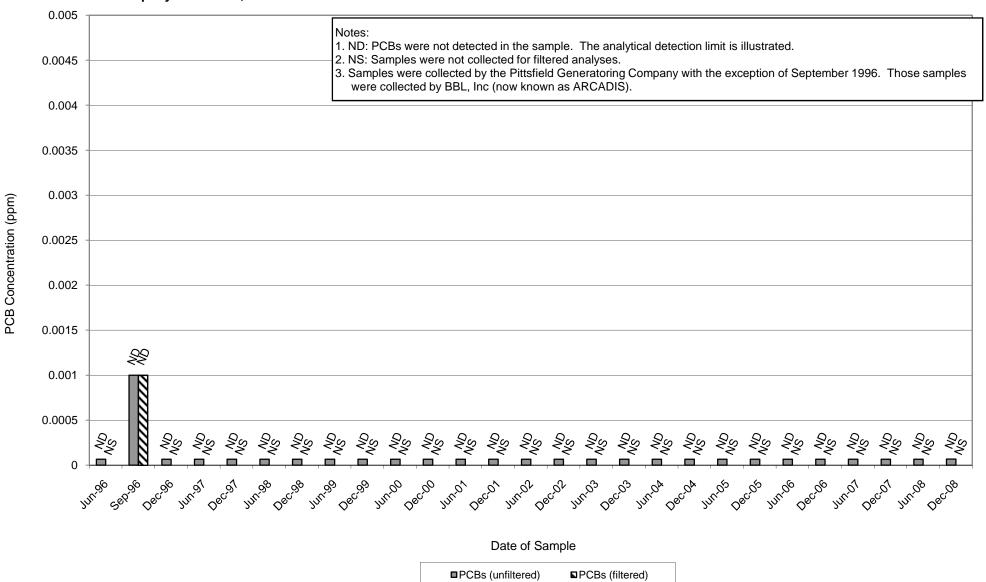


Date of Sample

Appendix E

Summary of Pittsfield Generating Company Groundwater Data Well ASW-5 Historical Total PCB Concentrations

Groundwater Management Area 4 General Electric Company - Pittsfield, Massachusetts



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Appendix F

Data Validation Report

Appendix F Groundwater Sampling Data Validation Report Groundwater Management Area 4 – Fall 2008

General Electric Company Pittsfield, Massachusetts

1.0 General

This attachment summarizes the data validation review performed on behalf of the General Electric Company (GE) for groundwater samples collected in October and November 2008 as part of groundwater sampling activities conducted at Groundwater Management Area 4, located at the General Electric Company/Housatonic River Site in Pittsfield, Massachusetts. The samples were analyzed for polychlorinated biphenyls (PCBs) and/or various other 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 Wilmington, North Carolina. Data validation was performed for 16 PCB samples, 16 volatile organic compound (VOC) samples, 14 semi-volatile organic compound (SVOC) samples, 14 metal samples, 14 cyanide samples, 14 sulfide samples, and 14 polychlorinated dibenzo-p-dioxin (PCDD)/polychlorinated dibenzofuran (PCDF) samples.

2.0 Data Evaluation Procedures

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

- Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, ARCADIS BBL (submitted by GE on March 30, 2007 and approved by EPA on June 13, 2007);
- 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).

The data were validated to either a Tier I or Tier II level, as described below. Any deviations from the applicable quality control criteria utilized during the data review process are identified below. A tabulated summary of the Tier I/Tier II data review is presented in Table F-1. Each sample subject to evaluation is listed in Table D-1 to document that data review was performed. Samples that required data qualification are listed separately.

The following data qualifiers were used in this data evaluation:

J The compound was positively identified, but the associated numerical value is an estimated concentration. This qualifier is used when the data evaluation procedure identifies a deficiency

in the data generation process. This qualifier is also used when a compound is detected at an estimated concentration less than the corresponding practical quantitation limit (PQL).

- U The compound was analyzed for, but was not detected. The sample quantitation limit is presented. Non-detect sample results are presented as ND(PQL) within this report for consistency with documents previously prepared for investigations conducted at the GE-Pittsfield/Housatonic River Site.
- UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is estimated 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 for consistency with documents previously prepared for investigations conducted at the GE-Pittsfield/Housatonic River Site.
- 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 purpose.

3.0 Data Validation Procedures

Section 7.5 of the FSP/QAPP states that 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* (EPA guidelines). The Tier I review consisted of a completeness evidence audit, as outlined in the *EPA Region I CSF Completeness Evidence Audit Program* (EPA Region I, July 31, 1991), to ensure that laboratory data and documentation were present. 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 the EPA Region I Tier I data completeness requirements.

The Tier II data review consisted of a review of 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. Additionally, field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP.

A tabulated summary of the samples subject to Tier I and Tier II data review is presented in the following table.

Summary of Samples Subjected to their fand their in Data Validation							
	Tier I Only Tier I & Tier II						
Parameter	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	Total
PCBs	0	0	0	14	1	1	16
VOCs	0	0	0	12	1	3	16
SVOCs	0	0	0	12	1	1	14
Metals	0	0	0	12	1	1	14
PCDDs/PCDFs	0	0	0	12	1	1	14
Sulfides	0	0	0	12	1	1	14
Cyanides	0	0	0	12	1	1	14

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

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_		Tier I Only			Tier I & Tier II		
Parameter	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	Total
Total	0	0	0	86	7	9	102

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

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 EPA 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 in Section 4 below.

4.0 Summary of QA/QC Parameter Deviations Requiring Data Qualification

This section provides a summary of the deviations from the applicable QA/QC criteria that resulted in qualification of results.

The initial calibration criterion for organic analyses requires that the average relative response factor (RRF) has a value greater than 0.05. Sample results were qualified as estimated (J) when this criterion was not achieved. The compounds that did not achieve the initial calibration criterion and the number of samples qualified are presented in the following table.

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	1,2-Dibromo-3-chloropropane	16	J
	1,4-Dioxane	16	J
	2-Butanone	16	J
	2-Chloroethylvinylether	15	J
	Acetone	16	J
	Acetonitrile	16	J
	Acrolein	16	J
	Acrylonitrile	16	J
	Isobutanol	16	J
	Methacrylonitrile	8	J
	Propionitrile	16	J
	trans-1,4-Dichloro-2-butene	16	J
SVOCs	Hexachlorophene	14	J

Compounds Qualified Due to Initial Calibration Deviations (RRF)

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

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	2-Hexanone	8	J
	Acetone	8	J
	Acrolein	1	J
	Bromomethane	8	J
	Methacrylonitrile	1	J
SVOCs	1-Naphthylamine	6	J
	2-Naphthylamine	7	J
	4-Nitroquinoline-1-oxide	6	J
	4-Phenylenediamine	7	J
	a,a'-Dimethylphenethylamine	12	J
	Hexachlorocyclopentadiene	12	J
	Methapyrilene	12	J

Compounds Qualified Due to Continuing Calibration of %D Values

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

Analysis	Analyte	Number of Affected Samples	Qualification
Inorganics	Arsenic	14	J
	Beryllium	11	J
	Cadmium	11	J
	Chromium	14	J
	Cobalt	14	J
	Copper	14	J
	Lead	14	J
	Nickel	4	J
	Selenium	14	J
	Silver	4	J
	Thallium	11	J
	Tin	13	J

Analytes Qualified Due to CRDL Standard Recovery Deviations

Matrix spike/matrix spike duplicate (MS/MSD) sample analysis recovery criteria for organics require that the MS/MSD recovery must be within the laboratory-generated QC control limits specified on the MS reporting form. Sample results with MS/MSD recoveries that were less than the laboratory-generated QC control limits and have recoveries greater than 10% were qualified as estimated (J). Non-detect organic sample results that exhibited MS/MSD recoveries less than 10% were qualified as rejected (R). The compounds that did not meet MS/MSD recovery criteria and the number of samples qualified due to those deviations are presented in the following table.

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	2-Chloroethylvinylether	1	R
PCBs	All Aroclors	1	J
Miscellaneous	Sulfide	3	J

Compounds Qualified Due to MS/MSD Recovery Deviations

MS/MSD sample analysis recovery criteria for organics require that the RPD between the MS and MSD recoveries be less than the laboratory-generated QC acceptance limits specified on the MS/MSD reporting form. The compounds that exceeded the RPD limit and the number of samples qualified due to deviations are presented in the following table.

Analysis	Compound	Number of Affected Samples	Qualification
PCBs	All Aroclors	1	J

Laboratory control sample/laboratory control sample duplicate (LCS/LCSD) analysis recovery criteria for organics must be within the laboratory-generated QC acceptance limits specified on the LCS/LCSD reporting form. Organic sample results associated with the LCS/LCSD that exceeded laboratory-generated QC acceptance limits were qualified as estimated (J). The compounds that did not meet LCS/LCSD recovery criteria and the number of samples qualified due to those deviations are presented in the following table.

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	Trichlorofluoromethane	7	J
	Vinyl Chloride	7	J
PCBs	All Aroclors	11	J

Compounds Qualified Due to LCS/LCSD Recovery Deviations

LCS/LCSD sample analysis recovery criteria for organics require that the RPD between the LCS and LCSD recoveries be less than the laboratory-generated QC acceptance limits specified on the LCS/LCSD reporting form. The compounds that exceeded the RPD limit and the number of samples qualified due to deviations are presented in the following table.

Analysis	Compound	Number of Affected Samples	Qualification
VOCs	2-Chloroethylvinylether	7	J
	Acrolein	7	J

Blank action levels for analytes detected in the blanks were calculated at five times the blank concentrations. Detected sample results that were below the blank action level were qualified with a "U." The analytes

detected in method/analytical blanks which resulted in qualification of sample data, along with the number of affected samples, are presented in the following table.

Analysis	Analyte	Number of Affected Samples	Qualification
Inorganics	Arsenic	2	U
	Barium	3	U
	Beryllium	8	U
	Chromium	13	U
	Cobalt	3	U
	Copper	13	U
	Lead	3	U
	Nickel	1	U
	Silver	13	U

Analytes Qualified Due to Blank Deviations

5.0 Overall Data Usability

This section summarizes the analytical data in terms of its completeness and usability. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. The percent usability calculation included analyses evaluated under both the Tier I/II data validation reviews. The percent usability calculation also includes quality control samples (i.e., field/equipment blanks, trip blanks, and field duplicates) to aid in the evaluation of data usability. Data usability is summarized in the following table.

Data Usability											
Parameter	Percent Usability	Rejected Data									
VOCs	99.9	A total of one sample result was rejected due to MS/MSD recovery deviations.									
SVOCs	100	None									
PCBs	100	None									
PCDDs/PCDFs	100	None									
Metals	100	None									
Sulfides	100	None									
Cyanides	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 field duplicates, MS/MSD samples, and LCS/LCSD samples. For this analytical program, 0.25% of the data required qualification due to MS/MSD RPD deviations and 0.43% of the data required qualification due to LCS/LCSD RPD deviations. None of the data required qualification due to field duplicate RPD deviations.

5.2 Accuracy

Accuracy measures the bias in an analytical system or the degree of agreement of a measurement with a known reference value. For this investigation, accuracy was defined as the percent recovery of QA/QC samples that were spiked with a known concentration of an analyte or compound of interest. The QA/QC samples used to evaluate analytical accuracy included instrument calibration, internal standards, LCS/LCSDs, MS/MSD samples, CRDL samples, and surrogate compound recoveries. For this analytical program, 8.8% of the data required qualification due to instrument calibration deviations, 3.1% of the data required qualification due to LCS/LCSD recovery deviations, 0.37% of the data required qualification due to MS/MSD recovery deviations, and 4.2% of the data required qualification due to CRDL recovery deviations. None of the data required qualification due to surrogate compound recovery deviations or internal standard recovery deviations.

5.3 Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents a characteristic of a population, parameter variations at a sampling point, or an environmental condition. Representativeness is a qualitative parameter, which is most concerned with the proper design of the sampling program. The representativeness criterion is best satisfied by making certain that sampling locations are selected properly and a sufficient number of samples are collected. This parameter has been addressed by collecting samples at locations specified in the EPA-approved work plans, and by following the procedures for sample collection/analyses that were described in the FSP/QAPP. Additionally, the analytical program used procedures consistent with EPA-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 data set, none of the data required qualification due to holding time deviations.

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. Specifically, all the groundwater samples collected in October and November 2008 were analyzed by EPA SW-846 method 8082 for PCBs, 8260 for VOCs, 8270 for SVOCs, 8290 for PCDDs/PCDFs, 6000/7000 for metals, 9030 for sulfides, and 9014 for cyanides.

5.5 Completeness

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

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs											
G582-145	GMA4-DUP-01 (Filtered)	10/21/2008	Water	Tier II	Yes	Aroclor-1016 Aroclor-1221	LCS/LCSD %R LCS/LCSD %R	67.0%, 53.6%	70.0% to 130% 70.0% to 130%	ND(0.000068) J ND(0.000068) J	Parent Sample OPCA-MW-6 (Filtered)
						Aroclor-1221 Aroclor-1232	LCS/LCSD %R	67.0%, 53.6% 67.0%, 53.6%	70.0% to 130%	ND(0.000068) J	
						Aroclor-1242	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000068) J	
						Aroclor-1248	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000068) J	
						Aroclor-1254	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000068) J	
						Aroclor-1260	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000068) J	
						Total PCBs	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000068) J	
G582-145	OPCA-MW-1RR (Filtered)	10/20/2008	Water	Tier II	Yes	Aroclor-1016	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.00010) J	
						Aroclor-1221	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.00010) J	
						Aroclor-1232	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.00010) J	
						Aroclor-1242	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.00010) J	
						Aroclor-1248 Aroclor-1254	LCS/LCSD %R LCS/LCSD %R	67.0%, 53.6% 67.0%, 53.6%	70.0% to 130% 70.0% to 130%	ND(0.00010) J ND(0.00010) J	
						Aroclor-1260	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.00010) J	
					Total PCBs	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.00010) J		
G582-145	OPCA-MW-2R (Filtered)	10/21/2008	Water	Tier II	Yes	Aroclor-1016	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.00010) J	
0002 140			Water	TICI II	105	Aroclor-1221	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000072) J	
						Aroclor-1232	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000072) J	
						Aroclor-1242	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000072) J	
						Aroclor-1248	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000072) J	
						Aroclor-1254	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000072) J	
				Aroclor-1260	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000072) J			
						Total PCBs	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000072) J	
G582-145	45 OPCA-MW-4 (Filtered) 10/20/2008	Water	Tier II	Yes	Aroclor-1016	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000070) J		
						Aroclor-1221	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000070) J	
						Aroclor-1232	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000070) J	
						Aroclor-1242	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000070) J	
						Aroclor-1248 Aroclor-1254	LCS/LCSD %R LCS/LCSD %R	67.0%, 53.6% 67.0%, 53.6%	70.0% to 130%	ND(0.000070) J	
						Aroclor-1254 Aroclor-1260	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130% 70.0% to 130%	ND(0.000070) J ND(0.000070) J	
						Total PCBs	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000070) J	
G582-145	OPCA-MW-5R (Filtered)	10/21/2008	Water	Tier II	Yes	Aroclor-1016	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000069) J	
0002 110		10/21/2000	mator		165	Aroclor-1221	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000069) J	
						Aroclor-1232	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000069) J	
						Aroclor-1242	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000069) J	
						Aroclor-1248	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000069) J	
						Aroclor-1254	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000069) J	
						Aroclor-1260	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000069) J	
						Total PCBs	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000069) J	
G582-145	OPCA-MW-6 (Filtered)	10/21/2008	Water	Tier II	Yes	Aroclor-1016	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.00011) J	
						Aroclor-1221	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.00011) J	
	1					Aroclor-1232 Aroclor-1242	LCS/LCSD %R LCS/LCSD %R	67.0%, 53.6% 67.0%, 53.6%	70.0% to 130% 70.0% to 130%	ND(0.00011) J ND(0.00011) J	+
	1					Aroclor-1242 Aroclor-1248	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.00011) J ND(0.00011) J	+
	1					Aroclor-1254	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.00011) J	
	1					Aroclor-1260	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.00011) J	
						Total PCBs	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.00011) J	
G582-145	OPCA-MW-7 (Filtered)	10/21/2008	Water	Tier II	Yes	Aroclor-1016	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000067) J	
	· · ·					Aroclor-1221	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000067) J	
	1					Aroclor-1232	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000067) J	
	1					Aroclor-1242	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000067) J	
	1					Aroclor-1248	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000067) J	
	1					Aroclor-1254	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000067) J	
	1					Aroclor-1260	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000067) J	
0500 440	79.6 (Filtered)	10/00/0000	Wot	Ti 0	NI-	Total PCBs	LCS/LCSD %R	67.0%, 53.6%	70.0% to 130%	ND(0.000067) J	
G582-149 G582-149	78-6 (Filtered) GMA4-2 (Filtered)	10/22/2008 10/22/2008	Water Water	Tier II Tier II	No No						
G582-149 G582-149	GMA4-2 (Filtered) GMA4-3 (Filtered)	10/22/2008	Water	Tier II	NO						
G582-149 G582-149	OPCA-MW-3 (Filtered)	10/22/2008	Water	Tier II	No	1		-	ł	1	+
G582-149 G582-149	OPCA-MW-3 (Filtered)	10/22/2008	Water	Tier II	No			-	1	1	
G582-149 G582-150	78-1 (Filtered)	10/22/2008	Water	Tier II	Yes	Aroclor-1016	LCS %R	56.1%	70.0% to 130%	ND(0.00010) J	
2002 100						Aroclor-1016	MS %R	27.0%	32.0% to 142%	ND(0.00010) J	
1						Aroclor-1016	MS/MSD RPD	76.8%	<12%	ND(0.00010) J	

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs (contin		40/00/0000	14/	Tinell	¥	Aroclor-1221	LCS %R	56.1%	70.0% to 130%	ND(0.00010) J	
G582-150	78-1 (Filtered)	10/23/2008	Water	Tier II	Yes	Aroclor-1221 Aroclor-1221	MS %R	27.0%	32.0% to 142%	ND(0.00010) J	
						Aroclor-1221 Aroclor-1221	MS %R MS/MSD RPD	76.8%	<12%	ND(0.00010) J	
						Aroclor-1221 Aroclor-1232	LCS %R	56.1%	70.0% to 130%	ND(0.00010) J	
						Aroclor-1232	MS %R	27.0%	32.0% to 142%	ND(0.00010) J	
						Aroclor-1232	MS/MSD RPD	76.8%	<12%	ND(0.00010) J	
						Aroclor-1242	LCS %R	56.1%	70.0% to 130%	ND(0.00010) J	
						Aroclor-1242	MS %R	27.0%	32.0% to 142%	ND(0.00010) J	
						Aroclor-1242	MS/MSD RPD	76.8%	<12%	ND(0.00010) J	
						Aroclor-1248	LCS %R	56.1%	70.0% to 130%	ND(0.00010) J	
						Aroclor-1248	MS %R	27.0%	32.0% to 142%	ND(0.00010) J	
						Aroclor-1248	MS/MSD RPD	76.8%	<12%	ND(0.00010) J	
						Aroclor-1254	LCS %R	56.1%	70.0% to 130%	ND(0.00010) J	
						Aroclor-1254	MS %R	27.0%	32.0% to 142%	ND(0.00010) J	
						Aroclor-1254	MS/MSD RPD	76.8%	<12%	ND(0.00010) J	
						Aroclor-1260	LCS %R	56.1%	70.0% to 130%	ND(0.00010) J	
						Aroclor-1260	MS %R	27.0%	32.0% to 142%	ND(0.00010) J	l
						Aroclor-1260	MS/MSD RPD	76.8%	<12%	ND(0.00010) J	
						Total PCBs	LCS %R	56.1%	70.0% to 130%	ND(0.00010) J	
						Total PCBs	MS %R	27.0%	32.0% to 142%	ND(0.00010) J	
0500.450		10/00/0000		T 11	N/	Total PCBs	MS/MSD RPD	76.8%	<12%	ND(0.00010) J	
G582-150	GMA4-6 (Filtered)	red) 10/23/2008 Water	water	Tier II	Yes	Aroclor-1016	LCS %R	56.1%	70.0% to 130%	ND(0.00010) J	
						Aroclor-1221 Aroclor-1232	LCS %R LCS %R	56.1% 56.1%	70.0% to 130% 70.0% to 130%	ND(0.00010) J ND(0.00010) J	
						Aroclor-1232 Aroclor-1242	LCS %R	56.1%	70.0% to 130%	ND(0.00010) J	
						Aroclor-1248	LCS %R	56.1%	70.0% to 130%	ND(0.00010) J	
						Aroclor-1254	LCS %R	56.1%	70.0% to 130%	ND(0.00010) J	
						Aroclor-1260	LCS %R	56.1%	70.0% to 130%	ND(0.00010) J	
					Total PCBs	LCS %R	56.1%	70.0% to 130%	ND(0.00010) J		
G582-150	H78B-15 (Filtered)	10/23/2008	Water	Tier II	Yes	Aroclor-1016	LCS %R	56.1%	70.0% to 130%	ND(0.00010) J	
0002 100		10/20/2000	Water			Aroclor-1221	LCS %R	56.1%	70.0% to 130%	ND(0.00010) J	
						Aroclor-1232	LCS %R	56.1%	70.0% to 130%	ND(0.00010) J	
						Aroclor-1242	LCS %R	56.1%	70.0% to 130%	ND(0.00010) J	
						Aroclor-1248	LCS %R	56.1%	70.0% to 130%	ND(0.00010) J	
						Aroclor-1254	LCS %R	56.1%	70.0% to 130%	ND(0.00010) J	
						Aroclor-1260	LCS %R	56.1%	70.0% to 130%	ND(0.00010) J	
						Total PCBs	LCS %R	56.1%	70.0% to 130%	ND(0.00010) J	
G582-184	GMA-4-RB-1 (Filtered)	11/4/2008	Water	Tier II	Yes	Aroclor-1016	LCS/LCSD %R	50.0%, 53.0%	70.0% to 130%	ND(0.000066) J	
						Aroclor-1221	LCS/LCSD %R	50.0%, 53.0%	70.0% to 130%	ND(0.000066) J	
						Aroclor-1232	LCS/LCSD %R	50.0%, 53.0%	70.0% to 130%	ND(0.000066) J	
						Aroclor-1242	LCS/LCSD %R	50.0%, 53.0%	70.0% to 130%	ND(0.000066) J	
						Aroclor-1248	LCS/LCSD %R	50.0%, 53.0%	70.0% to 130%	ND(0.000066) J	
						Aroclor-1254	LCS/LCSD %R	50.0%, 53.0%	70.0% to 130%	ND(0.000066) J	
						Aroclor-1260 Total PCBs	LCS/LCSD %R LCS/LCSD %R	50.0%, 53.0% 50.0%, 53.0%	70.0% to 130% 70.0% to 130%	ND(0.000066) J ND(0.000066) J	
Metals				1	1		L03/L03D %R	50.0%, 53.0%	10.0% 10 130%	1 (0.00000) J	
	CMAA DUD 01 (Filtered)	10/21/2000	Motor	TionII	Vee	Araania	CDDL Standard %/B	152.00/	80% to 100%	0.00010	Perent Comple OPCA MIN/ 6 (Filters -1)
G582-145	GMA4-DUP-01 (Filtered)	10/21/2008	Water	Tier II	Yes	Arsenic Beryllium	CRDL Standard %R CRDL Standard %R	152.0% 79.8%	80% to 120% 80% to 120%	0.00213 J ND(0.0100) J	Parent Sample OPCA-MW-6 (Filtered)
						Beryllium	Method Blank	1 9.0 /0	00/01012070	ND(0.0100) J	+
						Cadmium	CRDL Standard %R	142.0%	- 80% to 120%	0.00328 J	
						Chromium	CRDL Standard %R	127.0%	80% to 120%	ND(0.0100) J	
						Chromium	Method Blank	-	-	ND(0.0100)	
						Cobalt	CRDL Standard %R	125.0%	80% to 120%	ND(0.0100) J	
						Copper	CRDL Standard %R	150.0%	80% to 120%	ND(0.200) J	
						Copper	Method Blank	-	-	ND(0.200)	
						Lead	CRDL Standard %R	144.0%	80% to 120%	0.00718 J	
						Selenium	CRDL Standard %R	74.8%	80% to 120%	ND(0.0200) J	
						Silver	Method Blank	-	-	ND(0.0100)	
						Thallium	CRDL Standard %R	76.7%	80% to 120%	ND(0.0100) J	
						Tin	CRDL Standard %R	123.0%	80% to 120%	ND(0.100) J	
G582-145	OPCA-MW-1RR (Filtered)	10/20/2008	Water	Tier II	Yes	Arsenic	CRDL Standard %R	152.0%	80% to 120%	0.00195 J	
						Beryllium	CRDL Standard %R	79.8%	80% to 120%	ND(0.0100) J	
						Cadmium	CRDL Standard %R	142.0%	80% to 120%	0.00256 J	
1				1		Chromium	CRDL Standard %R	127.0%	80% to 120%	ND(0.0100) J	

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Sample Delivery Validation Date Collected Matrix Level Qualification Compound QA/QC Parameter Value Control Limits Qualified Result Group No. Sample ID Notes Metals (continued) OPCA-MW-1RR (Filtered) 10/20/2008 G582-145 Water Tier II Yes Chromium Method Blank ND(0.0100) Cobalt CRDL Standard %R 125.0% 80% to 120% ND(0.0100) J CRDL Standard %R 150.0% 80% to 120% ND(0.200) J Copper Method Blank ND(0.200) Copper Lead CRDL Standard %R 144.0% 80% to 120% 0.00395 J Selenium CRDL Standard %R 74.8% 80% to 120% ND(0.0200) Silver Method Blank ND(0.0100) Thallium CRDL Standard %R 76.7% 80% to 120% ND(0.0100) J CRDI Standard %R 123.0% ND(0 100) J Tin 80% to 120% OPCA-MW-2R (Filtered) G582-145 10/20/2008 Water Tier II Yes Arsenic CRDL Standard %R 152.0% 80% to 120% ND(0.0100) J Beryllium CRDL Standard %R 79.8% 80% to 120% ND(0.0100) J Cadmium CRDL Standard %R 142.0% 80% to 120% 0.00263 J Chromium CRDL Standard %R 127.0% 80% to 120% ND(0.0100) J Chromium Method Blank ND(0.0100) Cobalt CRDL Standard %R 125.0% 80% to 120% ND(0.0100) J Copper CRDL Standard %R 150.0% 80% to 120% ND(0.200) J Copper Method Blank ND(0.200) CRDL Standard %R 144.0% 80% to 120% Lead 0.00420 J CRDL Standard %R 74.8% 80% to 120% ND(0.0200) J Selenium Method Blank ND(0.0100) Silver 76.7% 80% to 120% Thallium CRDL Standard %R ND(0.0100) J Гin CRDL Standard %R 123.0% 80% to 120% ND(0.100) J OPCA-MW-4 (Filtered) 10/20/2008 CRDL Standard %R ND(0.0100) J G582-145 Water Tier II Yes Arsenic 152.0% 80% to 120% CRDI Standard %R 79.8% 80% to 120% ND(0.0100).1 Bervllium Cadmium CRDL Standard %R 142.0% 80% to 120% 0.00276 J CRDL Standard %R 127.0% 80% to 120% Chromium ND(0.0100) J Chromium Method Blank ND(0.0100) CRDL Standard %R 125.0% 80% to 120% Cobalt ND(0.0100) J Copper CRDL Standard %R 150.0% 80% to 120% ND(0.200) J Method Blank Copper ND(0.200) 144.0% 80% to 120% CRDL Standard %R 0.00425.1 l ead Selenium CRDL Standard %R 74.8% 80% to 120% ND(0.0200) J Silver Method Blank ND(0.0100) Thallium CRDL Standard %R 76 7% 80% to 120% ND(0.0100) J CRDL Standard %R 123.0% 80% to 120% ND(0.100) J Tin OPCA-MW-5R (Filtered) 10/21/2008 G582-145 Water Tier II Yes Arsenic CRDL Standard %R 152.0% 80% to 120% ND(0.0100) J Beryllium CRDL Standard %R 79.8% 80% to 120% ND(0.0100) J Cadmium CRDL Standard %R 142.0% 80% to 120% ND(0.00500) J Chromium CRDL Standard %R 127.0% 80% to 120% ND(0.0100) J Chromium Method Blank ND(0.0100) CRDL Standard %R 125.0% 80% to 120% ND(0.0100) J Cobalt Copper CRDL Standard %R 150.0% 80% to 120% ND(0.200) J Method Blank Copper ND(0.200) Lead CRDL Standard %R 144.0% 80% to 120% 0.00657 J Selenium CRDL Standard %R 74.8% 80% to 120% ND(0.0200) J Silver Method Blank ND(0.0100) Thallium CRDL Standard %R 76.7% 80% to 120% ND(0.0100) Tin CRDL Standard %R 123.0% 80% to 120% ND(0.100) J G582-145 OPCA-MW-6 (Filtered) 10/21/2008 Water Tier II Yes Arsenic CRDL Standard %R 152.0% 80% to 120% ND(0.0100) J CRDL Standard %R Beryllium 79.8% 80% to 120% ND(0.0100) J Beryllium Method Blank ND(0.0100) Cadmium CRDL Standard %R 142.0% 80% to 120% ND(0.00500) J CRDI Standard %R 127.0% Chromium 80% to 120% ND(0.0100) J Chromium Method Blank ND(0.0100) Cobalt CRDL Standard %R 125.0% 80% to 120% ND(0.0100) J Copper CRDL Standard %R 150.0% 80% to 120% ND(0.200) J Method Blank ND(0.200) Copper CRDL Standard %R 144 0% 0.00641 ead 80% to 120% Selenium CRDL Standard %R 74.8% 80% to 120% ND(0.0200) J Method Blank ND(0.0100) Silver Thallium CRDL Standard %R 76.7% 80% to 120% ND(0.0100) J CRDL Standard %R 123.0% 80% to 120% ND(0.100) J Tin G582-145 OPCA-MW-7 (Filtered) 10/21/2008 Water Tier II Yes Arsenic CRDL Standard %R 152.0% 80% to 120% ND(0.0100) J CRDL Standard %R Bervllium 79.8% 80% to 120% ND(0.0100) J

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Sample Delivery Validation Date Collected Matrix Level Qualification Compound QA/QC Parameter Value Control Limits Qualified Result Group No. Sample ID Notes Metals (continued) G582-145 OPCA-MW-7 (Filtered) 10/21/2008 Water Tier II Yes Cadmium CRDL Standard %R 142.0% 80% to 120% ND(0.00500) J Chromium CRDL Standard %R 127.0% 80% to 120% ND(0.0100) J Method Blank Chromium ND(0.0100) CRDL Standard %R 125.0% ND(0.0100) Cobalt 80% to 120% CRDL Standard %R 150.0% Copper 80% to 120% ND(0.200) J Method Blank ND(0.200) Copper 144.0% Lead CRDL Standard %R 80% to 120% ND(0.0100) J CRDL Standard %R 74.8% 80% to 120% ND(0.0200) J Selenium Method Blank ND(0.0100) Silver CRDL Standard %R 76.7% 80% to 120% Thallium ND(0.0100) J Tin CRDL Standard %R 123.0% 80% to 120% ND(0.100) J G582-149 78-6 (Filtered) 10/22/2008 Water Tier II Yes CRDL Standard %R 152.0% 80% to 120% 0.00517 J Arsenic Bervllium CRDI Standard %R 79.8% 80% to 120% ND(0.0100). Method Blank ND(0.0100) Beryllium 142.0% ND(0.00500) J Cadmium CRDI Standard %R 80% to 120% Chromium CRDL Standard %R 127.0% 80% to 120% ND(0.0100) J Method Blank ND(0.0100) Chromium 80% to 120% Cobalt CRDL Standard %R 125.0% 0.00372 J CRDL Standard %R 150.0% 80% to 120% ND(0.200) J Copper Copper Method Blank ND(0.200) Lead CRDL Standard %R 144.0% 80% to 120% 0.00684 J CRDL Standard %R 74.8% 80% to 120% Selenium ND(0.0200) Silver Method Blank ND(0.0100) CRDL Standard %R 76.7% 80% to 120% Thallium ND(0.0100) J ND(0.100) J Tin CRDL Standard %R 123.0% 80% to 120% G582-149 OPCA-MW-3 (Filtered) 10/22/2008 Water Tier II Yes CRDL Standard %R 152.0% 80% to 120% ND(0.0100) J Arsenic Bervllium CRDL Standard %R 79.8% 80% to 120% ND(0.0100) J Beryllium Method Blank ND(0.0100) CRDL Standard %R 142.0% Cadmium 80% to 120% ND(0.00500) J CRDL Standard %R 127.0% ND(0.0100) J Chromium 80% to 120% Method Blank ND(0.0100) Chromium CRDL Standard %R 125.0% Cobalt 80% to 120% ND(0.0100) J CRDL Standard %R 150.0% 80% to 120% ND(0.200) J Copper Method Blank ND(0.200) Copper ead CRDL Standard %R 144.0% 80% to 120% 0.00564 J CRDL Standard %R 74.8% Selenium 80% to 120% ND(0.0200) Method Blank ND(0.0100) Silver Thallium CRDL Standard %R 76.7% 80% to 120% ND(0.0100) J CRDL Standard %R 123.0% 80% to 120% ND(0.100) J Tin G582-149 OPCA-MW-8 (Filtered) 10/22/2008 Water Tier II Yes Arsenic CRDL Standard %R 152.0% 80% to 120% ND(0.0100) J Beryllium CRDL Standard %R 79.8% 80% to 120% ND(0.0100) J Beryllium Method Blank ND(0.0100) 80% to 120% Cadmium CRDL Standard %R 142.0% 0.00287 J CRDL Standard %R 127.0% 80% to 120% ND(0.0100) J Chromium Chromium Method Blank ND(0.0100) 125.0% Cobalt CRDL Standard %R 80% to 120% ND(0.0100) J CRDL Standard %R 150.0% ND(0.200) 1 Copper 80% to 120% Copper Method Blank ND(0.200) CRDL Standard %R 144.0% 80% to 120% ead 0.00427 J Seleniun CRDL Standard %R 74.8% 80% to 120% ND(0.0200) Silver Method Blank ND(0.0100) Thallium CRDL Standard %R 76 7% 80% to 120% ND(0.0100) J ND(0.100) J CRDL Standard %R 123.0% 80% to 120% Tin G582-150 78-1 (Filtered) 10/23/2008 Water Tier II Yes CRDL Standard %R 121.0% 80% to 120% ND(0.0100) J Arsenic Arsenic Method Blank ND(0.0100) Barium Method Blank ND(0.500) -Beryllium Method Blank ND(0.0100) 152.0% ND(0.0100) J Chromium CRDL Standard %R 80% to 120% Chromium Method Blank ND(0.0100) CRDL Standard %R 166.0% ND(0.0100) J Cobalt 80% to 120% Method Blank ND(0.0100) Cobalt Copper CRDL Standard %R 152.0% 80% to 120% ND(0.200) J Method Blank ND(0.200) opper

Sample				Malidation							
Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (cont											
G582-150	78-1 (Filtered)	10/23/2008	Water	Tier II	Yes	Lead	CRDL Standard %R	132.0%	80% to 120%	ND(0.0100) J	
						Lead	Method Blank	-	-	ND(0.0100)	
						Nickel	CRDL Standard %R	140.0%	80% to 120%	ND(0.0500) J	
						Selenium Silver	CRDL Standard %R CRDL Standard %R	136.0% 182.0%	80% to 120% 80% to 120%	ND(0.0200) J ND(0.0100) J	
						Silver	Method Blank	-	80% 10 120%	ND(0.0100) 3	
						Tin	CRDL Standard %R	123.0%	80% to 120%	ND(0.100) J	
G582-150	GMA4-6 (Filtered)	10/23/2008	Water	Tier II	Yes	Arsenic	CRDL Standard %R	121.0%	80% to 120%	ND(0.0100) J	
						Arsenic	Method Blank	-	-	ND(0.0100)	
						Barium	Method Blank	-	-	ND(0.500)	
						Beryllium	Method Blank	-	-	ND(0.0100)	
						Chromium	CRDL Standard %R	152.0%	80% to 120%	ND(0.0100) J	
						Chromium Cobalt	Method Blank CRDL Standard %R	166.0%	- 80% to 120%	ND(0.0100) ND(0.0100) J	
						Cobalt	Method Blank	-	-	ND(0.0100)	
				1		Copper	CRDL Standard %R	152.0%	80% to 120%	ND(0.200) J	1
				1		Copper	Method Blank	-	-	ND(0.200)	
				1		Lead	CRDL Standard %R	132.0%	80% to 120%	ND(0.0100) J	
				1		Lead	Method Blank	-	-	ND(0.0100)	
				1		Nickel	CRDL Standard %R	140.0%	80% to 120%	ND(0.0500) J	
						Nickel Selenium	Method Blank CRDL Standard %R	- 136.0%	- 80% to 120%	ND(0.0500) 0.00962 J	+
				Silver	CRDL Standard %R	182.0%	80% to 120%	ND(0.0100) J			
				1		Silver	Method Blank	-	-	ND(0.0100)	
						Tin	CRDL Standard %R	123.0%	80% to 120%	ND(0.100) J	
G582-150	H78B-15 (Filtered)	10/23/2008	Water	ter Tier II	Yes	Arsenic	CRDL Standard %R	121.0%	80% to 120%	ND(0.0100) J	
						Barium	Method Blank	-	-	ND(0.500)	
						Beryllium	Method Blank	-	-	ND(0.0100)	
						Chromium	CRDL Standard %R Method Blank	152.0%	80% to 120%	ND(0.0100) J ND(0.0100)	
						Chromium Cobalt	CRDL Standard %R	166.0%	- 80% to 120%	ND(0.0100) J	
						Cobalt	Method Blank	-	-	ND(0.0100)	
						Copper	CRDL Standard %R	152.0%	80% to 120%	ND(0.200) J	
						Copper	Method Blank	-	-	ND(0.200)	
						Lead	CRDL Standard %R	132.0%	80% to 120%	ND(0.0100) J	
						Lead	Method Blank	-	-	ND(0.0100)	
						Nickel	CRDL Standard %R CRDL Standard %R	140.0%	80% to 120%	ND(0.0500) J	
						Selenium Silver	CRDL Standard %R CRDL Standard %R	136.0% 182.0%	80% to 120% 80% to 120%	0.00918 J ND(0.0100) J	
						Silver	Method Blank	-	-	ND(0.0100) 3	
						Tin	CRDL Standard %R	123.0%	80% to 120%	ND(0.100) J	
G582-184	GMA-4-RB-1 (Filtered)	11/4/2008	Water	Tier II	Yes	Arsenic	CRDL Standard %R	151.0%	80% to 120%	ND(0.0100) J	
1				1		Beryllium	CRDL Standard %R	162.0%	80% to 120%	0.00359 J	
1				1		Cadmium	CRDL Standard %R	181.0%	80% to 120%	0.00394 J	
				1		Chromium	CRDL Standard %R	152.0%	80% to 120%	0.00537 J	
				1		Cobalt Copper	CRDL Standard %R CRDL Standard %R	121.0% 167.0%	80% to 120% 80% to 120%	ND(0.0100) J 0.00620 J	+
				1		Lead	CRDL Standard %R	127.0%	80% to 120%	0.00620 J 0.00451 J	1
				1		Nickel	CRDL Standard %R	134.0%	80% to 120%	ND(0.0500) J	
				1		Selenium	CRDL Standard %R	124.0%	80% to 120%	ND(0.0200) J	
				1		Silver	CRDL Standard %R	158.0%	80% to 120%	0.00471 Ĵ	
						Thallium	CRDL Standard %R	63.2%	80% to 120%	ND(0.0100) J	
VOCs		10/01/0007						0.010	0.05		
G582-145	GMA4-DUP-01	10/21/2008	Water	Tier II	Yes	1,2-Dibromo-3-chloropropane 1,4-Dioxane	ICAL RRF ICAL RRF	0.019	>0.05	ND(0.0050) J ND(0.10) J	Parent Sample OPCA-MW-6
				1		2-Butanone	ICAL RRF	0.001	>0.05	ND(0.10) J ND(0.0050) J	+
				1		2-Chloroethylvinylether	ICAL RRF	0.047	>0.05	ND(0.013) J	1
				1		2-Chloroethylvinylether	LCS/LCSD RPD	33.7%	<30%	ND(0.013) J	1
				1		Acetone	ICAL RRF	0.032	>0.05	ND(0.0050) J	
				1		Acetonitrile	ICAL RRF	0.009	>0.05	ND(0.020) J	
						Acrolein	ICAL RRF	0.023	>0.05	ND(0.025) J	
				1		Acrolein	LCS/LCSD RPD ICAL RRF	30.5% 0.040	<30% >0.05	ND(0.025) J ND(0.025) J	
				1		Acrylonitrile Bromomethane	CCAL %D	44.3%	>0.05 <25%	ND(0.025) J ND(0.0010) J	+
	1			1	1	Diomonieurane	OUAL /0D	44.3%	< <u>2</u> 0%	IND(0.0010) J	1

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Sample Delivery Validation Sample ID Date Collected Matrix Level Qualification Compound QA/QC Parameter Value Control Limits Qualified Result Group No. Notes VOCs (continued) GMA4-DUP-01 10/21/2008 ICAL RRF G582-145 Water Tier II Yes Isobutanol 0.003 >0.05 ND(0.050) J ICAL RRF ND(0.010) J Methacrylonitrile 0.010 >0.05 Propionitrile ICAL RRF 0.012 >0.05 ND(0.020) J trans-1,4-Dichloro-2-butene ICAL RRF 0.028 >0.05 ND(0.0050) J Trichlorofluoromethane LCSD %R 76.6% 80.5% to 130% ND(0.0010) J Vinyl Chloride LCSD %R 76.4% 77.5% to 126% ND(0.0010) J G582-145 OPCA-MW-1RR 10/20/2008 Water Tier II Yes ICAL RRF ND(2.5) J 1.2-Dibromo-3-chloropropane 0.019 >0.05 1,4-Dioxane ICAL RRF 0.001 >0.05 ND(50) J ICAL RRF 0.047 ND(2.5) J 2-Butanone >0.052-Chloroethylvinylether ICAL RRF 0.027 >0.05 ND(6.3) J 2-Chloroethylvinylether LCS/LCSD RPD 33.7% <30% ND(6.3) J Acetone ICAL RRF 0.032 >0.05 ND(2.5) J Acetonitrile ICAL RRF 0.009 >0.05 ND(10) J Acrolein ICAL RRF 0.023 >0.05 ND(13) J Acrolein LCS/LCSD RPD 30.5% <30% ND(13) J ICAL RRF Acrylonitrile 0.040 >0.05 ND(13) J CCAL %D ND(0.50) J Bromomethane 44.3% <25% ICAL RRF ND(25) J Isobutanol 0.003 >0.05 Methacrylonitrile ICAL RRF 0.010 >0.05 ND(5.0) J ICAL RRF 0.012 >0.05 ND(10) J Propionitrile trans-1.4-Dichloro-2-butene ICAL RRF 0.028 >0.05 ND(2.5) J Trichlorofluoromethane LCSD %R 76.6% 80.5% to 130% ND(0.50) J Vinyl Chloride LCSD %R ND(0.50) J 76.4% 77.5% to 126% OPCA-MW-2R 10/20/2008 ICAL RRF G582-145 Water Tier II Yes 1,2-Dibromo-3-chloropropane 0.019 ND(0.0050).1 >0.05 1,4-Dioxane ICAL RRF 0.001 >0.05 ND(0.10) J 2-Butanone ICAL RRF 0.047 ND(0.0050) J >0.05 2-Chloroethylvinylether ICAL RRF 0.027 >0.05 ND(0.013) J LCS/LCSD RPD 33.7% 2-Chloroethylvinylether <30% ND(0.013) J ICAL RRF Acetone 0.032 >0.05 ND(0.0050) J ND(0.020) J Acetonitril ICAL RRF 0.009 >0.05 ICAL RRF ND(0.025) J Acrolein 0.023 >0.05 LCS/LCSD RPD Acrolein 30.5% <30% ND(0.025) J ICAL RRF 0.040 >0.05 ND(0.025) J Acrylonitrile Bromomethane CCAL %D 44.3% <25% ND(0.0010) J Isobutanol ICAL RRF 0.003 >0.05 ND(0.050) J ICAL RRF Methacrylonitrile 0.010 >0.05 ND(0.010) J Propionitrile ICAL RRF 0.012 >0.05 ND(0.020) J trans-1.4-Dichloro-2-butene ICAL RRF 0.028 >0.05 ND(0.0050) J Trichlorofluoromethane LCSD %R 76.6% 80.5% to 130% ND(0.0010) J Vinyl Chloride LCSD %R 76.4% 77.5% to 126% ND(0.0010) J G582-145 OPCA-MW-4 10/20/2008 Water Tier II Yes 1,2-Dibromo-3-chloropropane ICAL RRF 0.019 >0.05 ND(0.0050) J 1,4-Dioxane ICAL RRF 0.001 >0.05 ND(0.10) J 2-Butanone ICAL RRF 0.047 >0.05 ND(0.0050) J 2-Chloroethylvinylether ICAL RRF 0.027 >0.05 ND(0.013) J LCS/LCSD RPD 2-Chloroethylvinylether 33.7% <30% ND(0.013) J ICAL RRF Acetone 0.032 >0.05 ND(0.0050) J ICAL RRF 0.009 >0.05 ND(0.020) J Acetonitrile Acrolein ICAL RRF 0.023 >0.05 ND(0.025) J Acrolein LCS/LCSD RPD 30.5% <30% ND(0.025) J ICAL RRF ND(0.025) J Acrylonitrile 0.040 >0.05 Bromomethane CCAL %D 44.3% <25% ND(0.0010) J Isobutanol ICAL RRF 0.003 >0.05 ND(0.050) J ICAL RRF ND(0.010) J Methacrylonitrile 0.010 >0.05 Propionitrile ICAL RRF 0.012 >0.05 ND(0.020) J trans-1,4-Dichloro-2-butene ICAL RRF 0.028 >0.05 ND(0.0050) J Trichlorofluoromethane LCSD %R 76.6% 80.5% to 130% ND(0.0010) J /inyl Chloride LCSD %R 76.4% 77.5% to 126% ND(0.0010) J OPCA-MW-5R 10/21/2008 ICAL RRE ND(0.0050) 1 G582-145 Water Tier II 1.2-Dibromo-3-chloropropane Yes 0.019 **N0 05** 1,4-Dioxane ICAL RRF 0.001 >0.05 ND(0.10) J 2-Butanone ICAL RRF 0.047 ND(0.0050). >0.05 2-Chloroethylvinylether ICAL RRF 0.027 >0.05 ND(0.013) J 2-Chloroethylvinylether LCS/LCSD RPD 33.7% <30% ND(0.013) J Acetone ICAL RRF 0.032 >0.05 ND(0.0050) J Acetonitrile ICAL RRF 0.009 >0.05 ND(0.020) J

General Electric Company - Pittsfield, Massachusetts (Results are presented in parts per million, ppm)

Sample Delivery Validation Sample ID Date Collected Matrix Level Qualification Compound QA/QC Parameter Value Control Limits Qualified Result Group No. Notes VOCs (continued) OPCA-MW-5R 10/21/2008 ICAL RRF G582-145 Water Tier II Yes Acrolein 0.023 >0.05 ND(0.025) J LCS/LCSD RPD ND(0.025) J Acrolein 30.5% <30% Acrylonitrile ICAL RRF 0.040 >0.05 ND(0.025) J CCAL %D 44.3% ND(0.0010) J Bromomethane <25% Isobutanol ICAL RRF 0.003 >0.05 ND(0.050) J Methacrylonitrile ICAL RRF 0.010 >0.05 ND(0.010) J ICAL RRF Propionitrile 0.012 >0.05 ND(0.020) J ND(0.0050) J trans-1,4-Dichloro-2-butene ICAL RRF 0.028 >0.05 76.6% 80.5% to 130% Trichlorofluoromethane LCSD %R ND(0.0010) J Vinyl Chloride LCSD %R 76.4% 77.5% to 126% ND(0.0010) J G582-145 OPCA-MW-6 10/21/2008 Water Tier II Yes 1,2-Dibromo-3-chloropropane ICAL RRF 0.019 >0.05 ND(0.0050) J ICAL RRF 1.4-Dioxane 0.001 >0.05 ND(0.10) J 2-Butanone ICAL RRF 0.047 >0.05 ND(0.0050) J 2-Chloroethylvinylether ICAL RRF 0.027 >0.05 ND(0.013) J 2-Chloroethylvinylether LCS/LCSD RPD 33.7% <30% ND(0.013) J ICAL RRF Acetone 0.032 >0.05 ND(0.0050) J ICAL RRE ND(0.020) J Acetonitrile 0.009 >0.05 ICAL RRF 0.023 ND(0.025) J Acrolein >0.05 LCS/LCSD RPD 30.5% ND(0.025) J Acrolein <30% Acrylonitrile ICAL RRF 0.040 >0.05 ND(0.025) J Bromomethane CCAL %D 44.3% <25% ND(0.0010) J ICAL RRF Isobutanol 0.003 >0.05 ND(0.050) J ICAL RRF ND(0.010) J Methacrylonitrile 0.010 >0.05 ND(0.020) J ICAL RRE 0.012 >0.05 Propionitrile trans-1,4-Dichloro-2-butene ICAL RRF 0.028 >0.05 ND(0.0050) J Trichlorofluoromethane LCSD %R 76.6% 80.5% to 130% ND(0.0010) J Vinyl Chloride LCSD %R 76.4% 77.5% to 126% ND(0.0010) J G582-145 OPCA-MW-7 10/21/2008 Tier II ICAL RRF Water Yes 1,2-Dibromo-3-chloropropane 0.019 >0.05 ND(0.0050) J ICAL RRF 1.4-Dioxane 0.001 >0.05 ND(0.10) J 2-Butanone ICAL RRF 0.047 >0.05 ND(0.0050) ICAL RRF ND(0.013) J 2-Chloroethylvinylether 0.027 >0.05 2-Chloroethylvinylether LCS/LCSD RPD 33.7% <30% ND(0.013) J Acetone ICAL RRF 0.032 >0.05 ND(0.0050) J Acetonitrile ICAL RRF 0.009 >0.05 ND(0.020) J Acrolein ICAL RRF 0.023 >0.05 ND(0.025) J LCS/LCSD RPD Acrolein 30.5% <30% ND(0.025) J Acrylonitril ICAL RRF 0.040 >0.05 ND(0.025) J CCAL %D 44.3% <25% ND(0.0010) J Bromomethane Isobutanol ICAL RRF 0.003 >0.05 ND(0.050) J ICAL RRF Methacrylonitrile 0.010 >0.05 ND(0.010) J ICAL RRF 0.012 >0.05 ND(0.020) J Propionitrile trans-1,4-Dichloro-2-butene ICAL RRF 0.028 >0.05 ND(0.0050) J Trichlorofluoromethane LCSD %R 76.6% 80.5% to 130% ND(0.0010) J Vinyl Chloride LCSD %R 76.4% 77.5% to 126% ND(0.0010) J G582-149 10/22/2008 ICAL RRF 78-6 Water Tier II Yes 1.2-Dibromo-3-chloropropane 0.016 >0.05 ND(0.0050) J ICAL RRE 1.4-Dioxane 0.001 >0.05 ND(0.10) J ICAL RRF 0.038 ND(0.0050) 2-Butanone >0.05 2-Chloroethylvinylether ICAL RRF 0.013 >0.05 ND(0.013) J 2-Hexanone CCAL %D 42.4% <25% ND(0.0050) J ICAL RRF ND(0.0050) J Acetone 0.028 >0.05 Acetone CCAL %D 28.6% <25% ND(0.0050) J Acetonitrile ICAL RRF 0.008 >0.05 ND(0.020) J ICAL RRF Acrolein 0.014 >0.05 ND(0.025).1 Acrylonitrile ICAL RRF 0.027 >0.05 ND(0.025) J Isobutanol ICAL RRF 0.004 >0.05 ND(0.050) J Propionitrile ICAL RRF 0.010 >0.05 ND(0.020) J trans-1,4-Dichloro-2-butene ICAL RRF 0.020 >0.05 ND(0.0050) J OPCA-MW-3 10/22/2008 1,2-Dibromo-3-chloropropane ICAL RRE ND(0.0050) 1 G582-149 Water Tier II 0.016 >0.05 Yes 1,4-Dioxane ICAL RRF 0.001 >0.05 ND(0.10) J 2-Butanone ICAL RRF 0.038 ND(0.0050). >0.05 2-Chloroethylvinylether ICAL RRF 0.013 >0.05 ND(0.013) J 2-Hexanone CCAL %D 42.4% <25% ND(0.0050) J Acetone ICAL RRF 0.028 >0.05 ND(0.0050) J

CCAL %D

28.6%

<25%

ND(0.0050) J

Acetone

General Electric Company - Pittsfield, Massachusetts (Results are presented in parts per million, ppm)

Sample Delivery Validation Sample ID Date Collected Matrix Level Qualification Compound QA/QC Parameter Value Control Limits Qualified Result Group No. Notes VOCs (continued) OPCA-MW-3 10/22/2008 ICAL RRF G582-149 Water Tier II Yes Acetonitrile 0.008 >0.05 ND(0.020) J ICAL RRF 0.014 ND(0.025) J Acrolein >0.05 Acrylonitrile ICAL RRF 0.027 >0.05 ND(0.025) J ICAL RRF ND(0.050) J Isobutanol 0.004 >0.05 Propionitrile ICAL RRF 0.010 >0.05 ND(0.020) J trans-1,4-Dichloro-2-butene ICAL RRF 0.020 >0.05 ND(0.0050) G582-149 OPCA-MW-8 10/22/2008 Water Tier II Yes ICAL RRF ND(0.0050) J 1.2-Dibromo-3-chloropropane 0.016 >0.05 1,4-Dioxane ICAL RRF 0.001 >0.05 ND(0.10) J ICAL RRF 2-Butanone 0.038 ND(0.0050).1 >0.052-Chloroethylvinylether ICAL RRF 0.013 >0.05 ND(0.013) J 2-Hexanone CCAL %D 42.4% <25% ND(0.0050) J ICAL RRF Acetone 0.028 >0.05 ND(0.0050) J Acetone CCAL %D 28.6% <25% ND(0.0050) J Acetonitrile ICAL RRF 0.008 >0.05 ND(0.020) J Acrolein ICAL RRF 0.014 >0.05 ND(0.025) J ICAL RRF Acrylonitrile 0.027 >0.05 ND(0.025) J ND(0.050) J ICAL RRE Isobutanol 0.004 >0.05 ICAL RRF 0.010 ND(0.020) J Propionitrile >0.05 trans-1.4-Dichloro-2-butene ICAL RRF 0.020 >0.05 ND(0.0050) J G582-149 TripBlank 10/22/2008 Water Tier II Yes 1,2-Dibromo-3-chloropropane ICAL RRF 0.016 >0.05 ND(0.0050) J 1.4-Dioxane ICAL RRF 0.001 >0.05 ND(0.10) J 2-Butanone ICAL RRF 0.038 >0.05 ND(0.0050) J 2-Chloroethylvinylether ICAL RRF ND(0.013) J 0.013 >0.05 CCAL %D 42 4% <25% ND(0.0050).1 2-Hexanone Acetone ICAL RRF 0.028 >0.05 ND(0.0050) J Acetone CCAL %D 28.6% ND(0.0050) J <25% Acetonitrile ICAL RRF 0.008 >0.05 ND(0.020) J ICAL RRF Acrolein 0.014 >0.05 ND(0.025) J Acrylonitrile ICAL RRF 0.027 >0.05 ND(0.025) J Isobutanol ICAL RRF 0.004 >0.05 ND(0.050) J ICAL RRF ND(0.020) J 0.010 >0.05 Propionitrile trans-1,4-Dichloro-2-butene ICAL RRF 0.020 >0.05 ND(0.0050) J G582-150 10/23/2008 Water Tier II 1,2-Dibromo-3-chloropropane ICAL RRF 0.016 >0.05 ND(0.0050) J 78-1 Yes 1,4-Dioxane ICAL RRF 0.001 >0.05 ND(0.10) J 2-Butanone ICAL RRF 0.038 >0.05 ND(0.0050) J 0.0%, 0.0% 2-Chloroethylvinylether MS/MSD %R 16.7% to 200% R 2-Hexanone CCAL %D 42.4% <25% ND(0.0050) J Acetone ICAL RRF 0.028 >0.05 ND(0.0050) J Acetone CCAL %D 28.6% <25% ND(0.0050) J ICAL RRF Acetonitrile 0.008 >0.05 ND(0.020) J ICAL RRF 0.014 >0.05 ND(0.025) J Acrolein Acrylonitrile ICAL RRF 0.027 >0.05 ND(0.025) J ICAL RRF ND(0.050) J Isobutanol 0.004 >0.05 Propionitrile ICAL RRF 0.010 >0.05 ND(0.020) J ICAL RRF trans-1.4-Dichloro-2-butene 0.020 >0.05 ND(0.0050) J G582-150 GMA4-6 10/23/2008 Water Tier II Yes ICAL RRE 1.2-Dibromo-3-chloropropane 0.016 >0.05 ND(0.0050) J ICAL RRF 0.001 1,4-Dioxane >0.05 ND(0.10) J 2-Butanone ICAL RRF 0.038 >0.05 ND(0.0050) J 2-Chloroethylvinylether ICAL RRF 0.013 >0.05 ND(0.013) J 2-Hexanone CCAL %D 42.4% <25% ND(0.0050) J Acetone ICAL RRF 0.028 >0.05 ND(0.0050) J Acetone CCAL %D 28.6% <25% ND(0.0050) J ICAL RRF Acetonitrile 0.008 >0.05 ND(0.020) J Acrolein ICAL RRF 0.014 >0.05 ND(0.025) J Acrylonitrile ICAL RRF 0.027 >0.05 ND(0.025) J Isobutanol ICAL RRF 0.004 >0.05 ND(0.050) J Propionitrile ICAL RRF 0.010 >0.05 ND(0.020) J ICAL RRE trans-1.4-Dichloro-2-butene 0.020 >0.05 ND(0.0050) J G582-150 H78B-15 10/23/2008 Water Tier II Yes 1,2-Dibromo-3-chloropropane ICAL RRF 0.016 >0.05 ND(0.0050) J 1 4-Dioxane ICAL RRF 0.001 ND(0.10) J >0.05 2-Butanone ICAL RRF 0.038 >0.05 ND(0.0050) J 2-Chloroethylvinylether ICAL RRF 0.013 >0.05 ND(0.013) J 2-Hexanone CCAL %D 42.4% <25% ND(0.0050) J ICAL RRF Acetone 0.028 >0.05 ND(0.0050) J

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
VOCs (conti						-					
G582-150	H78B-15	10/23/2008	Water	Tier II	Yes	Acetone	CCAL %D	28.6%	<25%	ND(0.0050) J	
						Acetonitrile Acrolein	ICAL RRF ICAL RRF	0.008	>0.05	ND(0.020) J ND(0.025) J	
						Acrylonitrile	ICAL RRF	0.014	>0.05	ND(0.025) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.050) J	
						Propionitrile	ICAL RRF	0.010	>0.05	ND(0.020) J	
				trans-1,4-Dichloro-2-butene	ICAL RRF	0.020	>0.05	ND(0.0050) J			
G582-150	TripBlank	10/23/2008	Water	Tier II	Yes	1,2-Dibromo-3-chloropropane	ICAL RRF	0.016	>0.05	ND(0.0050) J	
						1,4-Dioxane	ICAL RRF	0.001	>0.05	ND(0.10) J	
						2-Butanone	ICAL RRF	0.038	>0.05	ND(0.0050) J	
						2-Chloroethylvinylether	ICAL RRF CCAL %D	0.013	>0.05	ND(0.013) J	
						2-Hexanone Acetone	ICAL RRF	0.028	<25% >0.05	ND(0.0050) J ND(0.0050) J	
						Acetone	CCAL %D	28.6%	<25%	ND(0.0050) J	
						Acetonitrile	ICAL RRF	0.008	>0.05	ND(0.020) J	
						Acrolein	ICAL RRF	0.014	>0.05	ND(0.025) J	
						Acrylonitrile	ICAL RRF	0.027	>0.05	ND(0.025) J	
						Isobutanol	ICAL RRF	0.004	>0.05	ND(0.050) J	
						Propionitrile	ICAL RRF	0.010	>0.05	ND(0.020) J	
						trans-1,4-Dichloro-2-butene	ICAL RRF	0.020	>0.05	ND(0.0050) J	
G582-184	GMA-4-RB-1	11/4/2008	Water	Tier II	Yes	1,2-Dibromo-3-chloropropane	ICAL RRF ICAL RRF	0.019	>0.05	ND(0.0050) J ND(0.10) J	
						1,4-Dioxane 2-Butanone	ICAL RRF	0.001	>0.05	ND(0.10) J ND(0.0050) J	
						2-Chloroethylvinylether	ICAL RRF	0.047	>0.05	ND(0.013) J	
						Acetone	ICAL RRF	0.032	>0.05	ND(0.0050) J	
						Acetonitrile	ICAL RRF	0.009	>0.05	ND(0.020) J	
						Acrolein	ICAL RRF	0.023	>0.05	ND(0.025) J	
						Acrolein	CCAL %D	34.8%	<25%	ND(0.025) J	
						Acrylonitrile	ICAL RRF	0.040	>0.05	ND(0.025) J	
						Bromomethane	CCAL %D	40.0%	<25%	ND(0.0010) J	
						Isobutanol	ICAL RRF	0.003	>0.05	ND(0.050) J	
						Methacrylonitrile Methacrylonitrile	ICAL RRF CCAL %D	0.010 30.0%	>0.05 <25%	ND(0.010) J ND(0.010) J	
						Propionitrile	ICAL %D	0.012	>0.05	ND(0.010) J	
						trans-1.4-Dichloro-2-butene	ICAL RRF	0.012	>0.05	ND(0.0050) J	
SVOCs											
G582-145	GMA4-DUP-01	10/21/2008	Water	Tier II	Yes	1-Naphthylamine	CCAL %D	29.8%	<25%	ND(0.026) J	Parent Sample OPCA-MW-6
						2-Naphthylamine	CCAL %D	43.3%	<25%	ND(0.026) J	
						4-Nitroquinoline-1-oxide	CCAL %D	25.2%	<25%	ND(0.026) J	
						4-Phenylenediamine	CCAL %D	46.3%	<25%	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	31.1%	<25%	ND(0.026) J	
						Hexachlorocyclopentadiene	CCAL %D	47.4%	<25%	ND(0.010) J	
						Hexachlorophene Methapyrilene	ICAL RRF CCAL %D	0.024 32.7%	>0.05 <25%	ND(0.0052) J ND(0.0052) J	
G582-145	OPCA-MW-1RR	10/20/2008	Water	Tier II	Yes	1-Naphthylamine	CCAL %D	29.8%	<25%	ND(0.0052) J	
0302-143		10/20/2000	water	TIEL II	163	2-Naphthylamine	CCAL %D	43.3%	<25%	ND(0.025) J	
						4-Nitroquinoline-1-oxide	CCAL %D	25.2%	<25%	ND(0.025) J	
						4-Phenylenediamine	CCAL %D	46.3%	<25%	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	31.1%	<25%	ND(0.025) J	
						Hexachlorocyclopentadiene	CCAL %D	47.4%	<25%	ND(0.010) J	
						Hexachlorophene	ICAL RRF	0.024	>0.05	ND(0.0051) J	
						Methapyrilene	CCAL %D	32.7%	<25%	ND(0.0051) J	
G582-145	OPCA-MW-2R	10/21/2008	Water	Tier II	Yes	Hexachlorophene	ICAL RRF	0.020	>0.05	ND(0.0053) J	
G582-145	OPCA-MW-4	10/20/2008	Water	Tier II	Yes	1-Naphthylamine 2-Naphthylamine	CCAL %D CCAL %D	29.8% 43.3%	<25% <25%	ND(0.026) J ND(0.026) J	
						2-Naphthylamine 4-Nitroquinoline-1-oxide	CCAL %D	43.3%	<25%	ND(0.026) J ND(0.026) J	1
						4-Phenylenediamine	CCAL %D	46.3%	<25%	ND(0.020) J ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	31.1%	<25%	ND(0.010) J	
						Hexachlorocyclopentadiene	CCAL %D	47.4%	<25%	ND(0.010) J	
						Hexachlorophene	ICAL RRF	0.024	>0.05	ND(0.0052) J	
						Methapyrilene	CCAL %D	32.7%	<25%	ND(0.0052) J	
G582-145	OPCA-MW-5R	10/21/2008	Water	Tier II	Yes	1-Naphthylamine	CCAL %D	29.8%	<25%	ND(0.026) J	
1						2-Naphthylamine	CCAL %D	43.3%	<25%	ND(0.026) J	
1					1	4-Nitroquinoline-1-oxide	CCAL %D	25.2%	<25%	ND(0.026) J	

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes									
SVOCs (con		10/01/0000			N N			40.00/	050/		1									
G582-145	OPCA-MW-5R	10/21/2008	Water	Tier II	Yes	4-Phenylenediamine a,a'-Dimethylphenethylamine	CCAL %D CCAL %D	46.3% 31.1%	<25% <25%	ND(0.010) J ND(0.026) J										
						A,a -Dimetnyiphenetnyiamine Hexachlorocyclopentadiene	CCAL %D	47.4%	<25%	ND(0.026) J ND(0.010) J										
						Hexachlorophene	ICAL RRF	0.024	>0.05	ND(0.0052) J										
						Methapyrilene	CCAL %D	32.7%	<25%	ND(0.0052) J										
G582-145	OPCA-MW-6	10/21/2008	Water	Tier II	Yes	1-Naphthylamine	CCAL %D	29.8%	<25%	ND(0.026) J										
						2-Naphthylamine	CCAL %D	43.3%	<25%	ND(0.026) J										
						4-Nitroquinoline-1-oxide	CCAL %D	25.2%	<25%	ND(0.026) J										
						4-Phenylenediamine	CCAL %D	46.3%	<25%	ND(0.011) J										
						a,a'-Dimethylphenethylamine	CCAL %D	31.1%	<25%	ND(0.026) J										
						Hexachlorocyclopentadiene Hexachlorophene	CCAL %D ICAL RRF	47.4%	<25% >0.05	ND(0.011) J ND(0.0052) J										
						Methapyrilene	CCAL %D	32.7%	<25%	ND(0.0052) J										
G582-145	OPCA-MW-7	10/21/2008	Water	Tier II	Yes	1-Naphthylamine	CCAL %D	29.8%	<25%	ND(0.0052) J										
	10/20/2000				2-Naphthylamine	CCAL %D	43.3%	<25%	ND(0.026) J											
						4-Nitroquinoline-1-oxide	CCAL %D	25.2%	<25%	ND(0.026) J										
						4-Phenylenediamine	CCAL %D	46.3%	<25%	ND(0.010) J										
	1					a,a'-Dimethylphenethylamine	CCAL %D	31.1%	<25%	ND(0.026) J										
1	1					Hexachlorocyclopentadiene	CCAL %D	47.4%	<25%	ND(0.010) J										
						Hexachlorophene Methapyrilene	ICAL RRF CCAL %D	0.024 32.7%	>0.05 <25%	ND(0.0052) J ND(0.0052) J										
G582-149	78-6	10/22/2008	Water	Tier II	Yes	a,a'-Dimethylphenethylamine	CCAL %D CCAL %D	96.6%	<25%	ND(0.0052) J ND(0.026) J										
G362-149	3562-149 76-6	10/22/2008	water		165	Hexachlorocyclopentadiene	CCAL %D	26.7%	<25%	ND(0.020) J										
						Hexachlorophene	ICAL RRF	0.020	>0.05	ND(0.0051) J										
						Methapyrilene	CCAL %D	42.9%	<25%	ND(0.0051) J										
G582-149	OPCA-MW-3	10/22/2008	Water	r Tier II	Yes	a,a'-Dimethylphenethylamine	CCAL %D	96.6%	<25%	ND(0.027) J										
						Hexachlorocyclopentadiene	CCAL %D	26.7%	<25%	ND(0.011) J										
						Hexachlorophene	ICAL RRF	0.020	>0.05	ND(0.0054) J										
						Methapyrilene	CCAL %D	42.9%	<25%	ND(0.0054) J										
G582-149	OPCA-MW-8	10/22/2008	10/22/2008	10/22/2008	10/22/2008	10/22/2008	10/22/2008	10/22/2008	10/22/2008	10/22/2008	10/22/2008	Water	Tier II	ïer II Yes	a,a'-Dimethylphenethylamine	CCAL %D	96.6%	<25%	ND(0.026) J	
						Hexachlorocyclopentadiene Hexachlorophene	CCAL %D	26.7% 0.020	<25% >0.05	ND(0.010) J ND(0.0051) J										
						Methapyrilene	CCAL %D	42.9%	<25%	ND(0.0051) J										
G582-150	78-1	10/23/2008	Water	Water Tier II	Yes	a,a'-Dimethylphenethylamine	CCAL %D	96.6%	<25%	ND(0.026) J										
						Hexachlorocyclopentadiene	CCAL %D	26.7%	<25%	ND(0.010) J										
						Hexachlorophene	ICAL RRF	0.020	>0.05	ND(0.0051) J										
						Methapyrilene	CCAL %D	42.9%	<25%	ND(0.0051) J										
G582-150	GMA4-6	10/23/2008	Water	Tier II	Yes	a,a'-Dimethylphenethylamine	CCAL %D	96.6%	<25%	ND(0.026) J										
						Hexachlorocyclopentadiene	CCAL %D	26.7%	<25%	ND(0.010) J										
						Hexachlorophene Methapyrilene	ICAL RRF CCAL %D	0.020	>0.05 <25%	ND(0.0051) J ND(0.0051) J										
G582-150	H78B-15	10/23/2008	Water	Tier II	Yes	a,a'-Dimethylphenethylamine	CCAL %D	96.6%	<25%	ND(0.026) J										
2302 100		10/20/2000	Water	1011	100	Hexachlorocyclopentadiene	CCAL %D	26.7%	<25%	ND(0.011) J										
1	1					Hexachlorophene	ICAL RRF	0.020	>0.05	ND(0.0053) J										
	1					Methapyrilene	CCAL %D	42.9%	<25%	ND(0.0053) J										
G582-184	GMA-4-RB-1	11/4/2008	Water	Tier II	Yes	2-Naphthylamine	CCAL %D	27.5%	<25%	ND(0.025) J										
1	1					4-Phenylenediamine	CCAL %D	33.0%	<25%	ND(0.010) J										
DODD-/000	 					Hexachlorophene	ICAL RRF	0.027	>0.05	ND(0.0050) J										
PCDDs/PCD G582-145	Fs GMA4-DUP-01	10/21/2008	Water	Tier II	No			1	1		Parant Sample OPCA MW/ 6									
G582-145 G582-145	OPCA-MW-1RR	10/21/2008	Water	Tier II	No	1					Parent Sample OPCA-MW-6									
G582-145 G582-145	OPCA-MW-1RR OPCA-MW-2R	10/21/2008	Water	Tier II	No				1											
G582-145	OPCA-MW-4	10/20/2008	Water	Tier II	No				ł	1										
G582-145	OPCA-MW-5R	10/21/2008	Water	Tier II	No					İ										
G582-145	OPCA-MW-6	10/21/2008	Water	Tier II	No															
G582-145	OPCA-MW-7	10/21/2008	Water	Tier II	No															
G582-149	78-6	10/22/2008	Water	Tier II	No															
G582-149	OPCA-MW-3	10/22/2008	Water	Tier II	No															
G582-149	OPCA-MW-8	10/22/2008	Water	Tier II	No															
G582-150	78-1 GMA4-6	10/23/2008	Water	Tier II	No															
G582-150 G582-150	GMA4-6 Н78В-15	10/23/2008 10/23/2008	Water Water	Tier II Tier II	No No	1					1									
G582-150	GMA-4-RB-1	11/4/2008	Water	Tier II	No															
6582-184	GIVIA-4-KB-1	11/4/2008	vvater	i ier II	INO	l					L									

Sample											
Delivery				Validation							
Group No.	Sample ID	Date Collected	Matrix	Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Cyanides	•					•					
	GMA4-DUP-01 (Filtered)	10/21/2008	Water	Tier II	No						Parent Sample OPCA-MW-6 (Filtered)
	OPCA-MW-1RR (Filtered)	10/20/2008	Water	Tier II	No						
	OPCA-MW-2R (Filtered)	10/20/2008	Water	Tier II	No						
G582-145	OPCA-MW-4 (Filtered)	10/20/2008	Water	Tier II	No						
G582-145	OPCA-MW-5R (Filtered)	10/21/2008	Water	Tier II	No						
G582-145	OPCA-MW-6 (Filtered)	10/21/2008	Water	Tier II	No						
	OPCA-MW-7 (Filtered)	10/21/2008	Water	Tier II	No			1			
G582-149	78-6 (Filtered)	10/22/2008	Water	Tier II	No						
G582-149	OPCA-MW-3 (Filtered)	10/22/2008	Water	Tier II	No						
G582-149	OPCA-MW-8 (Filtered)	10/22/2008	Water	Tier II	No						
G582-150	78-1 (Filtered)	10/23/2008	Water	Tier II	No						
G582-150	GMA4-6 (Filtered)	10/23/2008	Water	Tier II	No						
G582-150	H78B-15 (Filtered)	10/23/2008	Water	Tier II	No						
G582-184	GMA-4-RB-1 (Filtered)	11/4/2008	Water	Tier II	No						
Sulfides											
G582-145	GMA4-DUP-01	10/21/2008	Water	Tier II	No						Parent Sample OPCA-MW-6
G582-145	OPCA-MW-1RR	10/20/2008	Water	Tier II	No						
G582-145	OPCA-MW-2R	10/20/2008	Water	Tier II	No						
G582-145	OPCA-MW-4	10/20/2008	Water	Tier II	No						
G582-145	OPCA-MW-5R	10/21/2008	Water	Tier II	No						
G582-145	OPCA-MW-6	10/21/2008	Water	Tier II	No						
G582-145	OPCA-MW-7	10/21/2008	Water	Tier II	Yes	Sulfide	MS %R	70.0%	75% to 125%	1.00 J	
G582-149	78-6	10/22/2008	Water	Tier II	No						
G582-149	OPCA-MW-3	10/22/2008	Water	Tier II	No						
G582-149	OPCA-MW-8	10/22/2008	Water	Tier II	No						
G582-150	78-1	10/23/2008	Water	Tier II	Yes	Sulfide	MS/MSD %R	60.0%, 58.0%	75% to 125%	1.3 J	
G582-150	GMA4-6	10/23/2008	Water	Tier II	No						
	H78B-15	10/23/2008	Water	Tier II	No						
G582-184	GMA-4-RB-1	11/4/2008	Water	Tier II	Yes	Sulfide	MS %R	45.0%	75% to 125%	ND(1.00) J	