Remedy Implementation Plan

General Chemical Corporation
133-135 Leland Street
Framingham, Massachusetts

MassDEP RTN 3-19174
EPA ID No. MAD019371079

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September 28, 2011

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1.0 INTRODUCTION

1.1 General Introduction

On behalf of General Chemical Corporation (GCC), Groundwater & Environmental Services, Inc. (GES) has prepared this Remedy Implementation Plan (RIP) for the GCC site located at 133-135 Leland Street in Framingham, Massachusetts. The GCC site is a listed disposal site with the Massachusetts Department of Environmental Protection (MassDEP) with Release Tracking Number (RTN) 3-19174. Chlorinated volatile organic compounds (CVOCs) in the groundwater are believed to have originated from the GCC property during the 1960s and 1970s before impervious containment and asphalt pavements were in use at the property, and associated with the company's historical solvent distribution and solvent reclamation activities

In September 2009, GCC submitted to the MassDEP a Remedy Evaluation Report (RER) as required by Section 8.D.3 of the "Specific License Conditions", contained in GCC's Hazardous Waste License 27B/2006 (i.e., GCC's license). The RER described several remedial action alternatives. The RER identified *in situ* Chemical Oxidation (ISCO) using sodium persulfate to address the groundwater impacts in the source area adjacent to GCC's warehouse and proposed to undertake a pilot test for use of anaerobic biodegradation to address the dissolved concentrations in the most downgradient portions of the plume. MassDEP reviewed both the ISCO and the pilot anaerobic biodegradation remediation proposals, and the RER was approved by MassDEP in a letter dated January 25, 2011. The MassDEP letter included specific items to be considered or addressed in the detailed design to be presented in a RIP report.

As a follow-up to the RER approval letter, on April 29, 2011, FS Engineers (FSE) of Acton, Massachusetts, prepared and submitted a RIP to MassDEP on behalf of GCC. The RIP was intended to present the selected remedial design. In a RIP Disapproval letter dated May 27, 2011, the MassDEP outlined several deficiencies in the submittal, requiring the submittal of a new RIP, which based on the currently established deadline with MassDEP is due for submittal to MassDEP on or before September 28, 2011. The RIP, as presented herein, has been prepared to satisfy the MassDEP requirements included in the January 2011 RER Approval letter, the May 2011 RIP Disapproval letter, GCC's License, and additional requirements by MassDEP since July 2011.

1.2 Objectives

The RIP provided herein, includes provisions for the design, construction, and implementation of a phased remedial program at the site that includes ISCO in the source area, and as required, in the nearby downgradient area that has been previously described as the middle plume, as a measure more aggressive than previous remedial measures. The RIP has been prepared to account for and address MassDEP's concerns and comments, including but not limited to:

- ISCO using sodium persulfate was retained per the RER to address groundwater impacts in the source area on the GCC property. The ISCO approach will not rely upon use of ozone as included in the previous RIP. This will be consistent with the RER, eliminate several stakeholder concerns, yet retain an aggressive ISCO approach.
- ISCO for the source area will be implemented as part of a comprehensive plan that includes sequenced ISCO events, and based on subsequent monitoring of its

effectiveness, will include a contingency for the middle plume. Unlike the previous RIP, Soil Vapor Extraction (SVE) is included as a component of the design. A scope of work for anaerobic bioremediation is also included to address the downgradient portion of the plume.

- Areas beneath the GCC warehouse building are being addressed with ISCO injection wells installed upgradient of and proximate to the warehouse.
- Specific concerns are addressed in the RIP regarding the potential for the Massachusetts Water Resources Authority (MWRA) aqueduct to serve as a preferential migration pathway, its potential to be effected in the zone of treatment, and by its presence, the resultant affect of the aqueduct on the remediation goal.
- An updated site analytical database is included to provide adequate representation of current groundwater conditions and serve as the basis for developing the monitoring plan for the ISCO implementation.
- The RIP includes detailed schematics of the facility and ISCO equipment layout.
- A detailed Operation, Maintenance, and Monitoring Plan is included.
- Procedures for changes to ISCO plan after initiation are included.
- A Track Stability Plan, Chemical Storage and Traffic Plan, Health and Safety Plan (HASP) and other plans requiring possible stakeholder comment and/or approval are presented in this RIP, and will be submitted for stakeholder review concurrent with, or prior to, this RIP submittal.
- A detailed schedule is provided in the RIP and is on a timeline from an assumed RIP approval by MassDEP.

While the RIP is being implemented with the intent of achieving a Class A RAO in the foreseeable future, the success of the program is based on the efficacy of the full-scale implementation of the ISCO program over time, along with other identified contingencies presented herein. This RIP is intended to comply with GCC's license, and has been prepared in accordance with the requirements of Sections 310 CMR 40.0870 through 40.0880 of the MCP.

2.0 SITE BACKGROUND

2.1 Location and Description

The GCC property at 133-135 Leland Street consists of approximately 1.75 acres of land located on the southeast side of Leland Street. The GCC property is located on the U.S. Geological Survey (USGS) Framingham, Massachusetts Quadrangle Map (USGS, 1987) at Universal Transverse Mercator (UTM) coordinates 302,000mE, 4,682,400mN; and Latitude 42°16'23"N, Longitude 71°24'00"W. A Site Location Map is provided as Figure 1.

The GCC property is bounded to the northwest by Leland Street, to the south by an active railroad operated by CSX Transportation (CSX property) that was formerly referred to as New York, New Haven, and Hartford Railroad, to the north-northeast by the Woodrow Wilson School, and to the southwest by a former residential area that is currently unoccupied. Further to

the south and across the railroad is the MWRA Sudbury Aqueduct and associated right-of-way (ROW), beyond which is an access road to the Exelon Corporation (Exelon) substation.

2.2 Disposal Site Description

The GCC facility includes three main buildings, 19 aboveground storage tanks (ASTs) and associated piping, as well as a concrete secondary containment berm for the tank farm. Buildings 1 and 2 (referred to as the garage and dock buildings, respectively) are used exclusively for the storage and transfer of wastes; whereas a third building (warehouse) is used for empty drum storage and housing of the analytical laboratory. Eight of the ASTs can be used for storing regulated hazardous wastes. Other ASTs are used for storing diesel and #2 fuel oil and unregulated aqueous wastes. One AST provides a backup supply of fire-fighting water (160,000-gallon capacity). A storm water detention basin installed as part of facility-wide storm water system upgrade in 2010 is located at the southern corner of the GCC property. The GCC facility is surrounded by a chain-link fence with locking gates to prevent unauthorized access. A Site Map is provided as Figure 2.

Based on historical subsurface investigations, the recent subsurface investigation presented in Section 3.5 of this RIP, and an extensive monitoring well network shown on the Expanded Site Map is provided as Figure 3, the presence of impacts attributed to the GCC site are, or were historically, identified on several nearby and/or downgradient properties. In accordance with Section 40.0006 of the MCP, the disposal site consists of the following properties:

- The GCC property located at 133-135 Leland Street;
- A portion of the downgradient CSX property;
- A portion of the downgradient MWRA property on which the Sudbury Aqueduct is located;
- Former residential properties, now vacant and owned by the company, located at 91, 91A, 119, and 125 Leland Street;
- A portion of the property occupied by the Woodrow Wilson School;
- A portion of the residential property at 155 Leland Street;
- A portion of the Century Estates Condominium Property;
- Land and wetlands south of the GCC property and operated by Exelon, of which only a portion is developed and occupied by an electrical substation; and
- Land and wetlands to the southeast of the GCC property and operated by Exelon which encompass an unnamed drainage ditch on the Exelon property to its discharge point at Course Brook.

2.3 Site Geology and Hydrology

Previous reports characterize the regional geology as granular fill over sand over a stratum of sand and silty sand over glacial till (a dense, heterogeneous mixture of sand, silt, gravel and boulders), over granite bedrock. The observed till was encountered at approximately 24 to 65 feet below ground surface (bgs). The till is believed to act as a barrier to vertical migration of contaminated groundwater. Bedrock has been encountered in several site borings at depths ranging from

approximately 49 to 82 feet bgs; no impacts to bedrock monitoring wells have been detected during investigation activities.

Site groundwater elevation data indicates a general site groundwater flow direction south and toward the wetland located southeast of the GCC property. Data indicates that the wetlands are also a discharge point for groundwater moving east from the areas located southwest of the site. Previous groundwater elevation data from across Leland Street (at 138 Leland Street) support the available geological data, which indicate that a groundwater divide is located proximate and parallel to Leland Street.

2.4 Potential Area Receptors

Potential Groundwater Receptors

According to the MassDEP Site Scoring Map, dated August 18, 2011 and provided as Figure 4, the disposal site is not located within a Potentially Productive Aquifer (PPA), the Zone II of a public water supply well, the Zone A of a Class A surface water supply, an Interim Wellhead Protection Area (IWPA), or a U.S. Environmental Protection Agency (EPA) Sole Source Aquifer. Based upon information from the Town of Framingham, the subject property and the surrounding area are supplied with potable water by the MWRA. The Sudbury Aqueduct (refer to further details in the subsequent section), which is considered a back-up water supply by the MWRA, and which is not part of the municipal water supply, passes below grade on the parcels abutting the GCC property downgradient and to the south. There are no known private drinking water supply wells within 500 feet of the disposal site in the Town of Framingham. According to officials at the Town of Sherborn, all properties in Sherborn are served by private wells. The private wells are typically installed in bedrock. Based on a review of the well database for the Town of Sherborn on the MassDEP website, and communications with the Town of Sherborn, the nearest potable water supply wells to the MWRA aqueduct and the disposal site are likely located along the Meadow Brook Road area. Based on the fact that Framingham-Sherborn town line is located approximately 900 feet east-southeast of monitoring wells GZ-17M, GZ-18S and GZ-18M on the Exelon property (where concentrations meet Method 1 GW-1 groundwater standards if applied to these locations), none of these private drinking water supply wells would be within 500 feet of the disposal site.

Potential Human Receptors

Based on site visits performed by GES, no sensitive institutions such nursing homes or daycare facilities are located within 500 feet of the site. The Woodrow Wilson Elementary School is located on the abutting property to the north of the GCC property, and historically, the property is where generally low to non-detectable concentrations have been detected in monitoring wells. Former downgradient residential properties located at 91, 91A, 119 and 125 Leland Street were previously acquired by the company, are vacant, and there are no residential receptors associated with these structures. The nearest occupied residential area to the GCC site is the Century Estates Condominiums; a portion of this property is evaluated as part of the disposal site. Single family residences with basements are located beyond the GCC site to the southwest along Leland Street.

Potential Environmental Receptors

Based on site visits, local file reviews, and the Bureau of Waste Site Cleanup (BWSC) Site Scoring Map provided as Figure 4, the most significant environmental receptors in the vicinity are the downgradient wetlands, an unnamed drainage ditch, and Course Brook. The unnamed drainage ditch passes through the Exelon property, southeast to its confluence with Course Brook, located approximately 1,800 feet southeast of the GCC property boundary. According to the Federal Emergency Management Agency (FEMA), the area southeast of monitoring wells CDW18S and MW18S is located in a Zone A, or 100-year floodplain. Bordering Vegetated Wetlands (BVW) are located in the vicinity of the drainage ditch and beyond the Exelon access road. According to the Surface Water Quality Standards (314 CMR 4.00) promulgated by the Commonwealth of Massachusetts Division of Water Pollution Control, Course Brook is a tributary to water bodies further downstream in the drainage basin that are designated as Class B surface water bodies suitable as habitat for fish and aquatic wildlife, and for primary and secondary contact recreation. The site is not located within an Area of Critical Environmental Concern (ACEC), Estimated Habitat of Rare Wetlands Wildlife, or state, federal, or municipal Protected Open Space, and there are no Certified Vernal Pools located on site. No other sensitive environmental receptors have been identified.

Sudbury Aqueduct

The Sudbury Aqueduct is located within approximately 20 feet of the property line at the southeast corner of the GCC property. According to an MWRA report (Weston & Sampson, 2000), the Sudbury Aqueduct consists of a 17.4-mile water supply conduit connecting the Framingham Reservoir system to the Chestnut Hill Reservoir. The aqueduct has reportedly not been used on a full-time basis since 1974 due to unacceptable water quality in the Framingham Reservoir water supply, and is held on reserve for emergency purposes only. In a detailed report evaluating the integrity and water quality associated with this structure (Weston & Sampson, 2000), at the time of the report, water was documented to enter the Sudbury Aqueduct from groundwater infiltration and from leakage from two of the supply reservoir sluice gates. Water entering the aqueduct was being diverted into Course Brook at Station 112+00 (Course Brook waste weir).

The MWRA report provided details on the aqueduct integrity and water quality near, upstream and downstream of the GCC site. The access stations nearest to the GCC site included Station 59+00 located at the MWRA building (gatehouse) west of Leland Street and Station 72+00 located at a manhole east of the railroad tracks (refer to Appendix A, Figure 1), and as shown on Figure 3. The MWRA report included associated analytical data for groundwater infiltration at select seeps into the aqueduct and at locations in the main aqueduct flow. The observations of the integrity of the aqueduct were noted (refer to Appendix A, Table 1) and the water quality at select locations along the aqueduct was summarized (refer to Appendix A, Table 2). At the time of sampling, the water quality within the aqueduct flow at Station 67+00, downgradient of the GCC site, contained only trace levels of CVOCs below the Massachusetts Maximum Contaminant Levels (MMCLs). As part of the MWRA evaluation, area disposal sites with a potential to affect the aqueduct were noted (refer to Appendix A, Figure 2). Notable upstream area disposal sites included the Former Commonwealth Gas Manufactured Gas Plant (MGP) site (RTN 3-0589), and two previously unknown disposal sites upstream of the GCC site including

MassDEP-listed disposal sites H.L. Reed & Sons Electroplating (RTN 3-0112) and the Auto Brite Car Wash (RTN 3-0166).

Most of the samples collected from the aqueduct contained CVOCs at very low or non-detectable concentrations. Reportedly, quarterly monitoring results consistently showed CVOCs and/or petroleum constituents to be the primary contaminants. At Station 67+00, in a sample collected from the aqueduct flow channel nearest to the GCC site, individual CVOC concentrations ranged from 0.6 to 31 ug/L. The compound, 1,2-dichloroethene (1,2-DCE) appeared to be persistent throughout the aqueduct, and has been detected in downstream samples and upstream including Farm Pond.

2.5 Site Regulatory Status & Soil and Groundwater Classification

2.5.1 Site Regulatory Status

The GCC property at 133-135 Leland Street in Framingham, Massachusetts is a listed disposal site with MassDEP (RTN 3-19174). Based on previous reports, it is believed that the presence of CVOCs in groundwater originated from the GCC facility during the 1960s and 1970s before impervious containment and asphalt pavements were in use at the property and in association with historical solvent distribution business activities. A Site Map is provided as Figure 2.

Numerous assessment and remedial reports were submitted to the MassDEP in the past. A Comprehensive Assessment Report (CARP) was prepared by CDW Associates, Inc. in December 2007 and an Interim CARP was prepared by GZA GeoEnvironmental in May 2000. In August 2001, GZA also performed an ecological characterization of the downgradient wetlands, and Course Brook in the immediate vicinity of the confluence of the surface water drainage ditch. This study was supplemental to GZA's February 2001 Imminent Hazard Evaluation (IHE). The conclusions of the August study, which were documented in a report to DEP on October 10, 2001, concur with those presented in February—No Imminent Hazard to ecological receptors in site wetlands existed at the time.

The most recent reports include the CARP, prepared by FSE and Envirotech Consultants LLC, dated December 2008, that described the status of assessment and remedial actions, and the Remedy Evaluation Report (RER), prepared by FSE and dated September 2009, that evaluated remedial options and recommended preferred remedial alternatives. A RIP prepared by FSE that was intended to present the selected remedial design was submitted for approval to MassDEP on April 29, 2011. In a RIP Disapproval letter dated May 27, 2011, the MassDEP outlined several deficiencies in the submittal, requiring the submittal of a new RIP. This RIP submittal addresses issues identified in the MassDEP letter.

2.5.2 Site Groundwater and Soil Classification

Based on historical and current site conditions, and the surrounding receptors discussed above, the applicable Method 1 groundwater categories at the disposal site are GW-2 and/or GW-3. The GW-2 category applies to portions of the disposal site where the average depth of groundwater is within 15 feet of the ground surface, and within 30 feet of an occupied building or structure. Groundwater in Massachusetts is also categorized as GW-3 throughout the disposal site area to evaluate the potential for groundwater to eventually discharge to surface water.

Disposal site groundwater is not classified as GW-1 because it is not located in a Current and Potential Drinking Water Source Area as defined in Section 40.0006 of the MCP.

Based on current use of the properties that comprise the disposal site, soil is classified as S-2 and S-3. The downgradient residentially-zoned properties at 91, 91A and 119 Leland Street were previously categorized as S-1; however, with the acquisition of the properties by the company, and no further plans for residential use, the S-1 category no longer applies to these properties. As with all disposal sites, soil analytical results for each property will be compared to the Method 1 S-1 soil standards which are protective of unrestricted use or to residential use scenarios provided in the Method 3 Rick Characterization to evaluate whether one or more Activity and Use Limitations (AULs) may be appropriate to limit future potential exposures to subsurface soil.

2.6 Remedial Activities Conducted to Date

Remediation efforts were implemented in October 2005 with the activation of an on-site groundwater pumping and bioaugmentation reinjection system (on-site system), and upgraded in October 2006 with the activation of the off-site groundwater pumping and bioaugmentation reinjection system (off-site system) at 91 Leland Street. The location of infiltration galley #1 (IFG1), injection wells (IW-1, IW-2, IW-3), and multiple monitoring wells are shown on Figure 5.

3.0 SUPPLEMENTAL INVESTIGATION (July-September 2011)

3.1 Preliminary Activities

On behalf of GCC, GES was retained as the sole-source Licensed Site Professional (LSP) and environmental consultant to continue response actions for the GCC site including completion of the RIP presented herein. Preliminary activities in support of the RIP included a quarterly sampling event, a comprehensive sampling event, and completion of a subsurface investigation to address potential data gaps, and to obtain field and laboratory analytical data for the remedial design. RIP preparation and project progress meetings were held between GCC, GES and MassDEP on July 13, 2011, with the Town of Framingham on August 15, 2011, and again with GCC, GES and MassDEP on September 14, 2011. A telephonic meeting was also conducted on September 23, 2011 with MassDEP, GES and counsel for GCC.

Preliminary activities for the field programs included updating access agreements and permits to facilitate the subsurface investigations, obtaining Dig-Safe utility clearance, and obtaining additional private utility mark-outs as necessary.

3.2 Quarterly Sampling Event

A quarterly sampling event at the GCC site was conducted from July 25 to August 1, 2011. Based on previous discussions with MassDEP, and in accordance with the letter to MassDEP dated July 19, 2011, the monitoring program for this event included 14 existing monitoring wells:

- three wells on the Wilson School property (GZ-6, MW-10 and MW-11);
- one well at the 155 Leland Street residential property (MW-13);
- seven wells on the GCC property (GZ-13, ERM-11, MW-14, WMW-4, WMW-5, and WMW-6); and
- four wells on the south side of the CSX railroad track property and north of the MWRA aqueduct (CDW-6, EW-1, EWPZ-2S, and EWPZ-2D.

Prior to sampling each monitoring well, an oil/water interface probe was used to gauge the water level at the time of sampling and to document the presence or absence of non-aqueous phase liquid (NAPL). Groundwater sampling was performed using low flow methodologies and multiple field parameters were monitored prior to sample collection [flow rate, pH, specific conductance, turbidity, oxidation-reduction potential (ORP), dissolved oxygen (DO), and temperature], to the extent practicable, until conditions were generally stable and representative of groundwater in the formation. Appropriate decontamination of non-disposable equipment was performed before and during gauging and sampling activities during the event.

Samples were collected at each monitoring well for analysis of volatile organic compounds (VOCs) using EPA Method 8260B in accordance with the MassDEP Compendium of Analytical Methods (CAMs) requirements. Note that Freon 113 was added to the analyte list because of its previous presence in site media. In support of the proposed ISCO remedial design, additional parameters were collected at select monitoring wells on the GGC property including volatile petroleum hydrocarbons (VPH) by the MassDEP Method, extractable petroleum hydrocarbons (EPH) by the MassDEP Method, total and dissolved manganese and iron by EPA Method 6010C, chemical oxygen demand (COD) by SM5220D , total organic carbon (TOC) by SM 5310B and alkalinity (as $CaCO_3$) by SM2320B. Upon collection into appropriately preserved containers, groundwater samples were placed on ice and transported in an insulated cooler under Chain of Custody to TestAmerica Analytical Testing Corporation (TestAmerica) of Nashville, Tennessee for laboratory analysis.

Groundwater gauging data are provided in Table 1. Analytical results are provided on Table 2 and Table 3, respectively. A detailed historical gauging and sampling summary including these results is provided on the summary analytical database table in Appendix B. The laboratory reports containing the analytical results are provided in Appendix C. Field data sheets documenting low flow sampling parameters are provided in Appendix D.

3.3 Comprehensive Monitoring Event

A comprehensive sampling event at the GCC site was conducted August 22 to August 24, 2011, September 1 to September 3, 2011, and remaining newly installed monitoring wells were sampled on September 19, 2011. Based on previous discussions with MassDEP, and in accordance with the letter to MassDEP dated July 19, 2011, the monitoring program for this event included a comprehensive set of 31 additional monitoring wells (the 14 monitoring wells sampled during the July 2011 quarterly sampling event were not re-sampled), four surface water samples and one irrigation well. The event included newly installed monitoring wells MW-15, MW-16, MW-17, MW18S, MW18M, MW-19, MW-20, MW-21R, MW-22, and MW-23. Surface water stations that were sampled included SW-1 (in the wetland area southeast of the

GCC property boundary and south of the aqueduct), SW-2 (in wetlands near the drainage ditch south of the Exelon substation), SW-3 (near the confluence with Course Brook), and SW-10 (drainage ditch west of the access road nearer to GCC property). The data obtained from the comprehensive event were intended to supplement, and to be used in conjunction with, those from the quarterly event.

Prior to sampling each monitoring well, an oil/water interface probe was used to gauge the water level at the time of sampling and to document the presence or absence of NAPL. As with the quarterly sampling event, groundwater sampling was performed using low flow methodologies and multiple field parameters (flow rate, pH, specific conductance, turbidity, ORP, DO, oxygen, and temperature) were monitored prior to sample collection. To ensure that a more comprehensive set of groundwater elevation data were available for purposes of developing groundwater contour maps, water levels were again gauged during the comprehensive event for the 14 wells that had been sampled during the quarterly event.

Samples were collected at each monitoring well for analysis of VOCs using EPA Method 8260B (and with Freon 113 as an additional analyte) in accordance with the MassDEP CAMs requirements. In support of the proposed anaerobic bioremediation pilot test design, additional parameters were collected at select monitoring wells located downgradient from the GCC property including sulfate by ASTM D516-90, chloride by SM4500C1E, the dissolved gases ethene, ethane and methane by Method RSK 175M, total and dissolved manganese and iron by EPA Method 6010C, and alkalinity (as $CaCO_3$) by SM2320B. Upon collection into appropriately preserved containers, groundwater samples were placed on ice and transported in an insulated cooler under Chain of Custody to TestAmerica for laboratory analysis.

Groundwater gauging data are provided in Table 1. Groundwater analytical results are provided on Table 2 and Table 3, respectively. Surface water analytical results are provided on Table 4. A detailed historical gauging and sampling summary including these results is provided on the database table in Appendix B. The laboratory reports containing the analytical results are provided in Appendix C. Field data sheets documenting low flow sampling parameters are provided in Appendix D.

3.4 Sudbury Aqueduct Evaluation

An access permit was obtained by GCC from the MWRA on August 16, 2011. In accordance with the access permit, the MWRA must approve the locations selected for monitoring well installations. Due to the sensitive nature of the aqueduct (i.e., 140-year-old brick lined structure which serves a back-up water supply) and the MassDEP requirement to evaluate the aqueduct as a preferential migration pathway, GCC and GES representatives sought MWRA involvement in a site visit to provide all parties with proper assurances. GES met with Mr. John Nelson and other representatives of the MWRA on August 22, 2011, to attempt to obtain approvals for proposed monitoring well locations MW-18S, MW-18M, MW-19 and MW-20. It was explained that the intent was to get as close as possible to the aqueduct so that that fill surrounding the aqueduct could be evaluated as a preferential migration pathway. The MWRA brought available location-specific maps and cross-sections to determine whether the centerline and edges of the aqueduct could be readily located in the field. It was noted by the MWRA that portions of the aqueduct were underlain by wood and/or concrete-like materials as a foundation to support the structure. The width and nature of these materials varied along the aqueduct and it was their

intent that these features would also not be compromised. In general, the entire aqueduct structure including the foundation was about 15 feet wide. The first stop on the walk included entrance to the MWRA building (gatehouse) across Leland Street from the GCC site as shown on Figure 3 (referenced as Station 59+00 MWRA maps – see Figures 1 and 2 in Appendix A). Upon entering the gatehouse, evidence of a coal tar odor was noted by those in attendance. The top of the brick-lined aqueduct arch was readily visible though an opening in the floor, and was estimated at approximately 4 to 5 feet below grade. Water flow was observed at the bottom of the aqueduct. It was discussed how the proposed use of a vactor truck for clearing soil down to at least 8 feet or more would ensure that the aqueduct was not compromised during drilling. Based on a mounded ground surface which appeared to coincide with the aqueduct centerline, the MWRA gave approval for installation of monitoring wells MW-18S and MW-18M at locations marked in the field with flagging tape.

When the site walk moved to the area of proposed wells MW-19 and MW-20, it was clear the location of the aqueduct centerline was no longer readily apparent and there was no soil mounding. Comments from the MWRA indicated that this was probably one of the most difficult areas of the aqueduct to locate along its length. During the site walk, a vent pipe and a manhole were observed further east of the proposed well location area (which apparently coincides with Station 72+00). This was confirmed by Mr. John Nelson as located on the centerline. Approval was not given for locations MW-19 and MW-20 pending further research.

Over the course of the next several days, communications with MWRA failed to provide any further assurance that the aqueduct could be located in a timely manner, and with the impending RIP deadline, at GCC's request, GES retained the services of Hager-Richter Geoscience of Salem, New Hampshire to perform a Ground Penetrating Radar (GPR) survey of the area in an attempt to expedite locating the aqueduct centerline.

The GPR survey was conducted on September 1, 2011 under GES oversight. Initially a transect was passed perpendicular over the aqueduct and which provided a reliable signal and estimation of the centerline. Roughly 25 similar transects were passed along the length of the aqueduct from the areas of proposed wells MW-19 to the manhole and vent piping marking the centerline to the east, with locations flagged and staked. The transects in the field appeared to coincide with the centerline. Later that day, Mr. James Snow of the MWRA survey group was on site. He observed the marked locations for the centerline. GES flagged locations 10 feet and 15 feet out from the centerline at each proposed well location. Mr. Snow obtained GPS measurements of the marked centerline and each of the well locations (and contingencies) and indicated a report would be prepared and a recommendation and/or approval would be forthcoming following further internal research at the MWRA.

On September 9, 2011, Mr. David Coppes of the MWRA provided approval for the MW-19 and MW-20 locations 15 feet from the aqueduct centerline, but not for the potential locations 10 feet from the centerline due to concerns that they may be too close to the edge of the aqueduct, and because MWRA has not been able to verify whether or not a cradle/foundation was installed on that section of aqueduct.

3.5 Subsurface Investigation

Between July and September 2011, ten monitoring wells (MW-15, MW-16, MW-17, MW-18S, MW-18D, MW-19, MW-20, MW-21R, MW-22, MW-23) were installed at the GCC site by Drilex Environmental (Drilex) of West Boylston, Massachusetts, under GES supervision. Collectively, the wells served to augment the monitoring well network on the GCC property as well as on downgradient properties. More specifically, each well location was placed at a strategic location to obtain current soil and groundwater analytical data in support of the ISCO remediation plan, and to fill potential data gaps. The locations of the newly installed groundwater monitoring wells are shown on Figures 2 and 3. Recent groundwater analaytical data are provided on Table 2 and Table 3, and surface water analytical data are provided on Table 4. The well location rationale and the screened intervals of the recently installed monitoring wells are summarized in Table 5. Recent soil analytical data are provided in Table 6.

Prior to installation, each monitoring well location was preliminarily pre-cleared to a depth of approximately 8 feet bgs, to the extent practicable, using an air knife and vacuum truck to avoid damaging utilities. Due to space and access limitations, monitoring wells MW-16, MW-19 and MW-20 were completed using a track-mounted Geoprobe while the other monitoring wells were installed using a truck or track-mounted drill rig via “drive and wash” drilling techniques.

The well annulus of each monitoring well was backfilled with #2 Morie sand from the bottom of each boring to a depth of one to two feet above the screen-casing interface. A one-foot thick bentonite seal was then set above the sand pack. The remaining well annulus was grouted using a tremie pipe to just below the surface. Each well was finished to grade inside an 8-inch-diameter protective road box, which was mounted flush to grade with Portland cement or a steel stand-pipe with locking cover that was cemented in place. Locking expansion type plugs were used to seal and secure each monitoring well. Soil boring logs with well-specific construction details are provided in Appendix E. Soil cuttings generated during drilling were stored in a properly labeled 55-gallon drums for disposal. Each new groundwater monitoring well was developed using a submersible pump to dislodge and remove sediments and/or residual drill cuttings from the screened interval and sand pack. Water generated during well development was pumped into properly labeled 55-gallon drums for management by GCC.

Monitoring wells MW-15, MW-16, MW-17, MW-22 and MW-23 were installed on the GCC property between July 25 and July 29, 2011. Monitoring well MW-18S was completed on August 25, 2011, and MW-18M was completed on August 26, 2011.

In addition, drilling delays related to concerns by Exelon about the location for MW-21R required additional utility clearances by an NSTAR Electric representative. The approved location was pre-cleared on September 1, 2011. Monitoring well MW-21R was partially installed on September 7, 2011 and completed on September 13, 2011. Monitoring well MW-21R was initially proposed to be advanced to the bedrock surface and potentially into bedrock (pending field screening). While advancing the boring, using the “drive and wash” method pursuant to MassDEP’s Standard References for Monitoring Wells (Standard References), at 58 feet bgs, the casing could not be advanced further. Due to the lithology (coarse sand and gravel) in this interval, the bottom three feet of the hole collapsed. The well was set at 55 feet bgs with five feet of screen. After removing the steel casing, it was determined that the lead section of

casing had un-threaded, shifted, and was cracked. Mr. Jeffrey Chormann and Ms. Maria Pinaud of MassDEP were on site during the development of monitoring well MW-21R.

With final approval from MWRA on September 9, 2011, to install monitoring wells MW-19 and MW-20 at the selected locations, the well locations were pre-cleared by hand using a post-hole digger and hand auger on September 13, 2011. Special arrangements were required to reach these locations with the drilling equipment because drilling equipment could not safely pass through the railroad ROW. GCC coordinated with representatives of the Woodrow Wilson School so that access to the locations could be provided through the school property by temporarily removing a section of fence and immediately securing it after the rig had reached the drilling locations. Monitoring wells MW-19 and MW-20 were installed on September 14, 2011, via a track-mounted Geoprobe. During the installation of MW-19 and MW-20 on September 14, 2011, a Mr. John Nelson of the MWRA was on site for a brief visit. The screen intervals of both MW-19 and MW-20 were set from 3 to 15 feet so that the screen would extend from the approximate water table elevation to below the base of the aqueduct.

For each monitoring well, soil samples were collected continuously, as feasible, and characterized and retained for headspace screening for total VOCs using a PID equipped with a 10.6 eV or 11.7 eV lamp and calibrated to an isobutylene standard (with a vinyl chloride response factor). The specific PID lamp used is indicated on the boring logs which are provided in Appendix E. PID readings ranged from less than 1.0 ppmv, which were generally detected in the off-site (MW-21R, MW-19 and MW-20) monitoring wells to greater than 2,000 ppmv in several soil samples in the monitoring wells installed on the GCC property.

At least one soil sample was collected from each monitoring well. Soil samples were transferred directly into the appropriately preserved, laboratory-supplied container, stored on ice and maintained at approximately 4^{o} Celsius. All samples, accompanied by a trip blank and Chain of Custody, were placed in a sealed cooler and submitted to TestAmerica. Each soil sample was submitted for analysis of VOCs by EPA Method 8260B (and with Freon 113 as an additional analyte). In support of the proposed ISCO remedial design and to provide additional information regarding contaminant mass in the source area on the GGC property, select soil samples were also submitted for analysis VPH and EPH by MassDEP Methods, total organic carbon (TOC) by SW846 Method 9060M, total iron and manganese by EPA Method 6010C, and SVOCs by EPA Method 8270D. Analytical soil results are presented in Table 6 and copies of the soil laboratory analytical data are included as Appendix F.

3.6 Data Evaluation

Laboratory data obtained by GES in support of this RIP was based upon the MassDEP documents, *The Compendium of Quality Assurance and Quality Control (QA/QC) Requirements and Performance Standards for Selected Analytical Methods Used in Support of Response Actions for the Massachusetts Contingency Plan (MCP)*, revised July 2010, and *Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data in Support of Response Actions Under the Massachusetts Contingency Plan (MCP)*, revised July 2010. The purpose of MassDEP's Compendium of Analytical Methods (CAMs) is to provide information and guidance to parties on analytical and data quality issues, and requirements and specifications for those parties who wish to obtain "Presumptive Certainty" for satisfying the

data quality requirements of the MCP as specified in Section 310 CMR 40.0017 and 310 CMR 40.0191(2)(c).

In accordance with the CAMs requirements, the laboratory project narratives for the laboratory reports provided in Appendix C and F provide information on sample integrity and potential QA/QC issues identified during analysis. The laboratory samples that were collected and analyzed via CAMs methods have achieved "Presumptive Certainty," with only a few minor exceptions and are considered useable for purposes of this report. A Representativeness Evaluation and Data Usability Assessment (REDUA) will be performed prior to achieving an RAO. Two minor exceptions were related to sample samples in laboratory data reports NUG4220 and NUG4207 in which the soil to methanol ratios were outside QA/QA criteria. Because the samples wee covered with methanol there is likely no resultant effect on the analytical data. The presence of laboratory cross contamination was noted in sample collected at monitoring well GZ-7; concentrations are likely much lower than indicated at this location. In addition to the above, it is noted that in the laboratory report, soil samples collected for boring SB11-01 are indicated, whereas the location was renamed MW-23 with the installation of a monitoring well at this location.

4.0 CONCEPTUAL SITE MODEL

4.1 Current Nature and Extent of Impact

The recent subsurface investigation was intended to augment the existing monitoring well network and refine the existing CSM. Groundwater contour maps for shallow overburden wells and for deep overburden wells based on the 2011 Comprehensive Sampling Event are provided as Figure 6 and Figure 7, respectively. A groundwater isoconcentration map for total VOCs in the shallow overburden is provided as Figure 8, and for the deeper overburden as Figure 9. A Soil Sample Location Map is provided as Figure 10. Historical data and tables are provided in Appendix B.

In general, data collected during the recent activities is consistent with the previously developed Conceptual Site Model (CSM). Soil and groundwater at the GCC are impacted primarily by CVOCs, with lower levels of aromatic VOCs and petroleum hydrocarbons. Recent analyses suggest that petroleum hydrocarbons may be a lesser component of the total VOC mass. It appears that the GCC site contamination originated from undocumented releases to the surface during the 1960's and 1970's. This is evidenced by previous elevated PID readings from directly beneath the pavement in the southern portion of the GGC property. During the recent investigation petroleum hydrocarbons were identified as the primary constituents at monitoring well location MW-15. VOC impacts extend from directly beneath the pavement to the top of the till layer. Based on elevated PID readings and observed concentrations of CVOCs in groundwater in the source area on the GCC property, dense non-aqueous phase liquid (DNAPL) may be present to some extent. Neither light non-aqueous phase liquid (LNAPL) nor DNAPL was recently detected at the site during the comprehensive gauging and sampling event. CVOC impacts (and likely DNAPL) has migrated vertically through the sand and silt layers and resides at various levels within the silt deposit as well as at the top of till. No evidence of contaminant migration vertically into the till was observed. The glacial till is encountered on and proximate to the GCC property at depths ranging from 49 to 65 bgs. No CVOC impacts are observed beneath the top of the till layer.

Based on the recent (August – September 2011) groundwater gauging event, the direction of groundwater flow from the vicinity of the GCC site is to the south southeast toward area wetland discharge features (refer to Figure 6). Available information, and historical groundwater flow maps, indicate the direction of groundwater flow is not along the MWRA aqueduct and further east. This will be further confirmed following the survey of newly installed monitoring wells in that area. Using a limited subset of the deeper wells gauged during the recent (July – September 2011), the direction of groundwater flow in the deeper aquifer is also generally consistent with the shallow overburden (refer to Figure 7).

Based on the recent (July – September 2011) groundwater sampling event, shallow overburden groundwater VOC isoconcentration contours are presented on Figure 8. The isocontours are consistent with previous events with the source area located on the GCC property along the southern side of the warehouse, and elevated CVOC concentrations extend further downgradient under the CSX property and the MWRA aqueduct property. The interpretation for the deeper overburden aquifer as shown on Figure 9, based on summary information from recent and historical events, indicates the presence CVOC impacts at depth extending beyond the area of the shallower impacts. The recent installation of MW-21R provides further support that CVOC impacts do not extend at depth in this area.

Previous activities in proximity to the GCC property (soil borings GZ-2 and GZ-3) were performed to evaluate potential DNAPL migration along the top of this till layer. To assess this, soil borings GZ-2 and GZ-3 were installed in locations believed to be depressions in the till unit. However, data collected from the silt and top of till at these locations did not indicate significant CVOC impacts in these areas. Subsurface investigation activities conducted in areas downgradient of the GCC property indicate that impacts have migrated off the GCC property with groundwater flow. Elevated groundwater VOC concentrations have been detected as far downgradient as the 91 Leland Street and the wetland (PZ-3D). The wetlands and associated drainage ditch located southeast of the GCC property is the discharge point for site groundwater. This is evidenced by the upward vertical gradients observed in the wetlands, and wells installed near the wetlands. CVOC impacts are observed only to a lesser extent along the northern edge of the Century Estates property. Groundwater elevation measurements collected from wetland piezometers indicated that groundwater is flowing upward into the wetland at several locations.

Surface water and sediment collected from the drainage ditch located on the Exelon property is impacted by CVOCs. Surface water impacts have also been observed within the smaller wetland located between the facility and access road and at, and downstream, of the MWRA aqueduct located southeast of the GCC property. Surface water CVOC concentrations in the drainage ditch located indicate that the ditch is also a groundwater discharge point. This ditch flows approximately 2,000 feet from 91 Leland Street to the confluence with Course Brook. The eventual discharge point for water in Course Brook is Fisk Pond. Historical surface water and sediment analytical data are provided in Appendix B. The most recent surface water sampling data are provided on Table 4.

Sediments, both surficial (0 to 2 cm below the surface) and deep (2.5 to 3.5 feet below the surface), in the unnamed drainage ditch are impacted by CVOCs. It has been previously been suggested that migration to this area has occurred via surface water and/or groundwater into the drainage ditch. The VOC impacts are most elevated at the origination point of the ditch

(proximate to 91 Leland Street) and decrease toward the confluence with Course Brook; however, impacts to sediments were detected as far downstream as 10 feet upstream of the confluence of the ditch and Course Brook. In addition, shallow sediments appear to be more impacted than deeper sediments. Site data indicates likely natural attenuation of CVOCs in the wetland areas (including the drainage ditch) has been occurring.

Impacts to surface waters in the smaller wetland and the aqueduct are less than those to the main wetland and drainage ditch. This is likely the result of groundwater migration beneath the smaller wetland and into the main wetland. Previously, reported impacts to water in the aqueduct were identified by the MWRA. The MWRA also acknowledges the presence of multiple upstream source areas, and in particular, the presence of 1,2-DCE was detected at locations both upstream and downstream of the GCC site. The aqueduct is not currently in use and is considered a back-up water supply.

4.2 Migration Potential

Based on the data collected during the quarterly and comprehensive sampling events presented in this report, conditions in groundwater appear to be stable with no further downgradient migration since the previous comprehensive sampling event in 2008. The migration potential east of the plume along the MWRA aqueduct was also evaluated based on analytical data obtained from shallow overburden monitoring wells MW-19 and MW-20. Monitoring well MW-19 was specifically located as close as allowed by the MWRA along the aqueduct nearer to the GCC property to evaluate potential preferential migration in fill or bedding placed near the aqueduct during its construction. Based on the soil boring log provided in Appendix E, a coarser grained sand (unlike the shallower lithology) was encountered at a depth of 7 to 15 feet bgs, which may be indicative of fill near the structure and its footing. VOCs were not detected in the groundwater sample collected from this monitoring well and were not detected in the soil sample collected in this coarser grained sand. There was no indication of impacts to a depth of 30 feet bgs at this location based on the samples collected. Similar results were obtained at monitoring location MW-20 which was installed further east and on the downgradient side of the aqueduct. On this basis, there appears to be no migration of VOCs from the GCC site along the aqueduct in the direction of residences east of the Woodrow Wilson School.

4.3 Technical Justification and Inability

As specified in sections 310 CMR 40.0172 and 40.0193 of the MCP, if any response actions can not be performed in accordance with the MCP requirements due to technical inability and/or if any particular technical requirements are considered unnecessary based on the site conditions and characteristics of the site, the MassDEP should be notified and the LSP of record for the site shall identify and justify such activity. Some areas requiring such technical justification are identified below.

Reliance on Historical Data and Maps for Developing the Conceptual Site Model

Reliance on previous data from initial site characterization activities were deemed valid by GES in support of the overall investigation. Although some of the older analytical data were unreliable and probably not very representative of current site conditions, the maps and plans that depict the boring locations and the historical boring logs, where available, were deemed

sufficient as a basis for re-assessing the CSM and for supporting the recent GES investigations. In most cases, the GES subsurface investigation focused on confirming prior results at select critical locations without repeating past investigations. As the GES investigation was underway, this approach for additional characterization was deemed valid, because in most aspects of the investigation, GES was able to confirm, refine and/or support previous results, and augment the database with more recent information.

Monitoring Wells With Variable Length Screens

According to current practice, monitoring well screens of ten feet in length or less are typically used for site characterization. At the GCC site, since the 1990's, there have several rounds of monitoring well and remedial system well installations with specific objectives for each event, and with different screen lengths used. The CSM using the current well network incorporates a range of screen lengths to provide a representative understanding of current subsurface conditions. As additional activities are conducted, including the proposed ISCO injections, additional surface information will be obtained. In addition, based on the most recent comprehensive sampling event in which a partial well inventory was performed, some of the site monitoring wells were identified as destroyed or no longer present. During the project, the need for additional or replacement wells in the network will be considered.

Monitoring Wells MW-18S, MW-18M, MW-19, MW-20 and MW-20R

The locations for monitoring wells MW-18S, MW-18M, MW-19, and MW-20 were selected due to their close proximity of the aqueduct. Based on the effort required to locate these wells, and with the cooperation of the MWRA, these locations represent the closest locations allowable by the MWRA to assess conditions along the aqueduct and its potential as a migration pathway. The locations appear suitable for their intended purpose.

Monitoring well MW-21R was intended to be installed to the bedrock surface; however, due to drilling difficulties, the boring extended only to 58 feet bgs, and the wells was installed to 55 feet bgs. For purposes of this report, the location is useful because the monitoring well is screened in coarse-grained soil, but the installation did not meet the intended objective of encountering the overburden-bedrock interface. A deeper boring and monitoring well may be advanced at this location during a future event.

Survey of Newly Installed Monitoring Wells

The newly installed monitoring wells MW-15 through MW-23 had not been surveyed into the existing monitoring well network at the time of this report submittal. The last of the wells were installed on September 14, 2011, due to required delays discussed previously, allowing insufficient time for the survey. For purposes of this report, the data obtained during these well installations was considered more critical to this report than the groundwater elevations as surveyed wells are generally present beyond areas where the new wells were installed, with the possible exception of MW-19 and MW-20 along the aqueduct. These wells will be surveyed into the existing well network in the near future.

5.0 METHOD 3 RISK CHARACTERIZATION

On behalf of GCC, Cambridge Environmental, Inc. of (Cambridge) Cambridge, Massachusetts was retained by GES to conduct a Method 3 Risk Characterization for the GCC site based on current site conditions and to evaluate whether a condition of No Significant Risk of harm to health, safety, public welfare and the environment is achieved under current or future foreseeable site conditions. A Method 3 Stage I Environmental Screening qualitative approach was also used to evaluate risk of harm to the environment in excess of background concentrations or local conditions. The Method 3 Risk Characterization is provided in Appendix G.

The conclusions of the risk characterization are:

- For current site conditions, exposure to site-related contamination on the GCC property itself is limited. Soil contamination is located at depth, groundwater is not in use, and a vapor barrier and SSDS in the warehouse prevents contaminant migration to indoor air. Hence, there is no significant risk to workers at the GCC facility.

- Construction worker exposure to contaminated soil poses no significant health risk. Volatilization of contaminants from groundwater in an open excavation could, however, pose a significant risk to construction workers which could be mitigated through ventilation or the use of respiratory protection.

- Utility workers would experience similar exposure to construction workers, but for a shorter duration. Hence, utility worker exposure to contaminated soil also poses no significant risk.

- It is anticipated that the GCC facility will remain an industrial facility for the foreseeable future. In a hypothetical future residential scenario, however, vapor intrusion to future residences would pose potentially significant health risks. Groundwater remediation and/or an AUL restricting future residential development of the site should be placed on the property to prevent future residential exposure to contaminants of concern. Direct contact soil also poses a potentially significant risk to hypothetical future residents.

- Due to groundwater injection at Infiltration Galleys #1 and #2, CVOC-impacted groundwater migrated to the north and east in 2007 and 2008, causing contaminants to be detected at sampling locations near the 155-157 Leland Street residences and the Woodrow Wilson School at concentrations that could possibly cause vapor intrusion to the residences or school. Groundwater injection at these locations no longer occurs, and contaminant concentrations at those locations have greatly decreased to levels that are unlikely to affect indoor air.

- Children and adults could come into contact with contaminants that have migrated to sediment and surface water in the drainage ditch to the west of the GCC property. No significant risk is achieved for this pathway.

- Considering worst-case scenario of the direct ingestion of drinking water from the aqueduct when it is not even in service poses no significant risk to human health. If the

aqueduct is returned to service, dilution due to the increased flow would greatly reduce contaminant concentrations even further and potential health risks to negligible levels.

- The characterization of risks to safety demonstrates that workers entering manholes or confined spaces on the GCC property and northern portion of the CSX property may be exposed to contaminants in air at concentrations exceeding occupational exposure limits. Precautionary measures should be taken to ensure that contaminant concentrations in confined spaces do not exceed occupational exposure limits. The site otherwise poses no significant risk to safety.

- The characterization of risks to public welfare demonstrates that if future sampling confirms that NAPL at the site is no longer present or has been reduced in thickness to less than one-half inch (the upper concentration limit (UCL) for NAPL), the site poses no significant risk to public welfare.

- The Stage I Environmental Screening finds that the concentrations of several contaminants in sediment and surface water in the drainage ditch southwest of the GCC property exceed screening levels. A Stage II Environmental Risk Characterization is recommended to determine whether there is significant risk of environmental harm.

6.0 REMEDY IMPLEMENTATION PLAN – CONTACTS, GENERAL APPROACH AND REMEDIAL GOAL

6.1 Relevant Site Contact Information (310 CMR 40.0874(3)(a))

This section includes a list of key personnel involved in the remediation project, the proposed remedial option design and specifications, remedial alternative monitoring program, waste management, and permitting.

Responsible Party:

General Chemical Corporation
133 - 138 Leland Street
Framingham, Massachusetts 01702
(508) 872-5000
Contact Person: Mr. Roy Swartz

Licensed Site Professional:

Mr. Stefan C. Sokol (LSP No. 4003)
Groundwater & Environmental Services, Inc.
364 Littleton Road, Suite 4
Westford, Massachusetts 01886
(800) 221-6119

6.2 General Approach

The general approach for remediation as proposed in this RIP is to conduct a sequenced ISCO injection approach. The ISCO injection will first consider the historical source area around the warehouse building on the GGC property. The second area of consideration will be along the CSX ROW. Lastly, depending on the effectiveness in the upgradient areas, a contingency is provided to implement ISCO injections along the north side of the MWRA aqueduct in a third area. The approach uses sodium persulfate as the oxidant and hydrogen peroxide as the catalyst as provided for in the RER, and as approved by MassDEP in their RER Approval letter. The Phased ISCO Injection Approach, and areas of concern (AOCs) to be considered are presented on Figure 11. Areas further downgradient are proposed to be addressed with the implementation of an anaerobic bioremediation program, based upon a successful pilot test.

6.3 Goal of Remedial Action

The MCP requires that remedial action alternatives be evaluated to determine if a Permanent Solution is technologically feasible for the disposal site. This evaluation was previously provided in the RER that was subsequently approved by MassDEP in a letter dated January 25, 2011. The goal of the RER and for this RIP is to achieve a Permanent Solution which will, when implemented, ensure attainment of a level of control of each identified substance of concern at a disposal site or in the surrounding environment such that a condition of No Significant Risk of harm to health, safety, public welfare, or the environment is achieved under current conditions and during the foreseeable future. The goal is proposed to be attained by reducing concentrations of constituents of concern (primarily the CVOCs) to levels below applicable MCP Method 1 groundwater standards, and if feasible, approach or achieve background levels as required by the MCP. The goal for soil is to reduce concentrations sufficiently such that a condition of No Significant Risk can be achieved potentially with the implementation of one of more AULs.

The presence of the aqueduct has an effect on the GCC site remediation goals. Method 1 GW-2/GW-3 groundwater standards are applicable to the GCC site, while Method 1 GW-1 groundwater standards are not. It is believed that MCLs and or MMCLs would be applicable to water within the aqueduct regardless of whether it has been affected by other source areas upstream of the GCC site. However, this will require further additional discussion with MWRA and MassDEP.

7.0 ISCO IMPLEMENTATION – SOURCE AREA AND/OR MIDDLE PLUME

7.1 Background

Beginning in mid-2008, GCC commenced a detailed study to evaluate and select the final remedial alternative(s) for the GCC site. During July 2008, a bench-scale treatability testing study was performed. The treatability study assessed the effectiveness of ISCO as a remedial alternative by analyzing soil CVOC concentrations before and after injecting chemical oxidation products into the samples. Bench-scale testing results indicated that ISCO technology could successfully be used to destroy CVOCs in the source area. The results were included in the December 2008 *CARP* report.

An ISCO field pilot study was performed in July and August 2009. The ISCO pilot study program utilized sodium persulfate (a strong oxidizer) with FeEDTA (a chelating agent with free Fe^{+3} ions), and hydrogen peroxide (a catalyst to activate the formation of sulfate radicals which are more stable than hydroxyl radicals). The mixture was injected into multiple injection wells at the Site. The wells were sampled and monitored over a period of 30 days time to evaluate the effectiveness of the ISCO application. Based on the favorable results, along with the ability to apply ISCO safely, ISCO was recommended as an appropriate CVOC abatement option for the GCC site.

In their January 2011 RER Approval letter, MassDEP specifically approved ISCO using sodium persulfate with a hydrogen peroxide catalyst to treat the source area and/or middle plume at the disposal site.

7.2 Sequential Sodium Persulfate and Hydrogen Peroxide Injection

Activated sodium persulfate (AP) has recently emerged as a robust chemical oxidant for treatment of soil and groundwater contamination. AP is safe to handle and has a solubility of approximately 35% under field conditions. It also treats a wide range of organic compounds including chlorinated alkenes and chlorinated alkanes. Among all the persulfate salts typically manufactured (sodium, potassium, and ammonium salts), the sodium form is the most commonly used for environmental applications. The persulfate anion is one of the strongest oxidants used in remediation.

The standard oxidation reduction potential for the reaction is 2.1 volts (V), as compared to 1.8 V for hydrogen peroxide (H_2O_2). This potential is higher than the redox potential for the permanganate anion (MnO_4^-) at 1.7 V, but slightly lower than that of ozone at 2.2 V. The standard oxidation-reduction potential for the reaction is shown below:

$$S_2O_8^{2-} + 2H^+ + 2e^- \Rightarrow 2\ HSO_4^-$$

Another persulfate oxidation mechanism is through free radicals. With the presence of some catalyst, like hydrogen peroxide, persulfate can be induced to form sulfate radicals.

$$S_2O_8^{2-} + \text{initiator} \Rightarrow SO_4^{\bullet -} + SO_4^{\bullet -}$$

The sulfate radical has a similar reaction mechanism to the hydroxyl radical generated by the Fenton's chemistry. The sulfate radical is one of the strongest oxidizing species with a redox potential estimated to be 2.6 V, similar to that of the hydroxyl radical, 2.7 V.

Persulfate and sulfate radical oxidation has several advantages over other oxidant systems. In addition to its robust treatment capabilities, the sulfate radical is more stable than the hydroxyl radical stable and therefore able to transport to greater distances in the subsurface. Compared to permanganate, persulfate has less affinity for natural soil organics and is thus more efficient in high organic soils (Brown, 2003). These attributes make persulfate a viable option for the chemical oxidation of a broad range of contaminants.

Although the persulfate anion by itself is a strong oxidizer, its reaction kinetics are slow for the more recalcitrant contaminants, such as TCE. However, generation of sulfate radicals can

significantly enhance the kinetics of persulfate oxidation. A catalyst, such as hydrogen peroxide, was found to initiate sulfate radical generation. Hydrogen peroxide activation of persulfate (AP-HP) yields a very potent tool for the remediation of a wide variety of contaminants, including chlorinated solvents.

7.3 Peroxide-Persulfate Dual Oxidant System

AP-HP is an effective dual oxidant system that combines the reactivity of hydrogen peroxide in the destruction of compounds of concern with the enhanced stability of persulfate. The combination of hydrogen peroxide and sodium persulfate has several synergistic effects. First, hydroxyl radicals generated from peroxide can initiate persulfate radical formation, and vice versa. Secondly, hydrogen peroxide may destruct a significant portion of the more susceptible contaminants, allowing the sulfate radicals to destroy the more recalcitrant compounds. Finally, a combination of hydroxyl and sulfate radicals may result in a multi-radical attack mechanism, yielding either a higher efficiency in destroying contaminants, or allowing for recalcitrant compounds to be more readily degraded.

The combined peroxide-persulfate reaction system appears to have a broad range of applicability. It not only oxidizes compounds generally amenable to sodium persulfate oxidation, but also oxidizes compounds not readily oxidized by conventional persulfate technology.

7.4 Health and Safety Protocols

GES prepared a health and safety plan (HASP) for the Site. The HASP outlines the required monitoring equipment, protective clothing, action levels, anticipated compounds, and emergency response procedures that will be followed at the disposal site during implementation of the remedial alternative. The HASP will be reviewed and signed daily by all GES personnel, GCC facility personnel entering the work zone, and subcontractors prior to performing work at the disposal site. All on-site GES personnel, GCC personnel affiliated with the project, and subcontractors will have successfully completed 40-hour Occupational Safety and Health Administration (OSHA) training in accordance with 29 CFR 1910.120. Applicable job safety analyses (JSAs) and a copy of the HASP will be present during all on-site activities. The HASP is included in Appendix H. A copy of the HASP is being provided to the Framingham Fire Department for review concurrently with the submittal of the RIP to MassDEP. ISCO work will not commence on site until the Fire Department has approved the HASP.

Emergency Procedures

In the event of an emergency, project personnel are instructed to immediately initiate emergency response actions by dialing 911 and contacting the GES project manager. The project manager will then contact the site owner and the site operator, who may initiate Emergency Response Procedures, as appropriate. The project manager will conduct an incident investigation to determine the root cause of the emergency and take preventive measures to eliminate a reoccurrence. A first aid kit and fire extinguisher are available on all GES company vehicles for emergency use at all sites. A site-specific Chemical Storage and Traffic Control Plan is included in Appendix I and will be provided to the Framingham Fire Department for review at the time of this RIP submittal. The plan is a working document and when amended, will again provided to the Framingham Fire Department for review, prior to the injection event.

7.5 Proposed Remedial Approach

The GES plan is to conduct a phased ISCO injection program at the GCC site considering three injection Areas of Concern (AOCs). The first AOC is focused around the warehouse area (Source Area) and immediately downgradient as shown on the Injection Well Location Map – Primary Injection AOC provided as Figure 12. The secondary AOC considers the adjacent area on the northeast side of the CSX railroad right-of-way as shown on Injection Well Location Map – Second Injection AOC provided as Figure 13. The third AOC focuses on the Middle Plume area on the southwest side of the CSX railroad and near the MWRA aqueduct as shown on Injection Well Location Map – Third Injection AOC provided as Figure 14.

The plan is to address the first AOC with two injection events, address the second AOC (and the downgradient portion of the first AOC) with the third injection event. A contingency is also provided for a fourth injection that could be performed in the third AOC. Note that after the first three events, a contingency is also provided to implement an additional injection in the first AOC, if required, before moving on to the third AOC. The exact sequencing and/or need for additional events cannot be determined at this time.

A truck-mounted ISCO system will be used to direct mixtures of AP-HP into injection wells to remediate CVOCs in groundwater and/or constituents adsorbed to subsurface soil within the aquifer. The truck-mounted system will be able to treat up to three injection wells at a given time, and will be able to move through the treatment area over the course of each treatment event. It is anticipated that the phased remediation approach using this system will be permanent, and will avoid re-contamination of treated areas when groundwater containing dissolved-phase CVOCs flows into the downgradient areas. Treating the Source Area first will also facilitate natural attenuation of the downgradient areas.

The objectives of the ISCO remedy are to:

- utilize ISCO technology to reduce dissolved-phase and adsorbed-phase CVOCs within the targeted treatment areas;
- obtain and evaluate operational and performance data including injection flow rates, pressures, and other design parameters to maximize the remedial process efficiency; and
- based on the radial zone of influence for the injection wells, perform monitoring to confirm that undesirable off-site impacts do not occur during the technology implementation.

GES will conduct the following testing for each planned ISCO event:

- background or baseline analytical sampling;
- analytical sampling during the treatment process; and
- post-test analytical sampling to assess system performance.

Pre-test data will be used as a baseline when determining overall contaminant reductions at the conclusion of initial injection activities and determining dosing requirements on subsequent

injections. During the injection event, groundwater data, including DO content and ORP will be collected at multiple monitoring wells to measure the real-time area of influence (radius of influence, or ROI) of the injection wells (design ROI = 20 feet). ROI greater than 20 feet were empirically defined during pilot testing as reported in the RER. System information including injection flow rates and pressures will be recorded throughout injection activities to ensure these parameters are optimized during the ISCO implementation.

7.6 ISCO Injection Well Locations

Max-Ox is GES' patented process for injecting chemical oxidation reactants for maximum radial effectiveness. It includes various techniques for injecting oxidants that result in the formation of the powerful hydroxyl radical. Max-Ox points are used to provide effective distribution of reactants to maximize the formation of hydroxyl radicals and aggressively remediate contaminants in soil, groundwater, and even NAPL. GES will install prefabricated Max-Ox injection points as indicated in the section below (refer to Appendix J for general information on the Max-Ox process).

This RIP provides for the installation of approximately 17 nested Max-Ox injection points near the warehouse area (Source Area) and approximately 12 Max-Ox injection wells in the Middle Plume area, initially screened at intervals within the contaminated zone, which depending location, extends from approximately 10 to 45 feet bgs. Based upon prior pilot testing activities, the network of nested Max-Ox injection wells (designated "MO" on the cross-sections, will be spaced approximately 40 feet on center within the source area). Figure 13 shows the proposed injection well layout and cross sectional views of the injection wells are shown on Figures 16, 17 and 18. While MassDEP had required in the RIP Disapproval letter that the estimated 20-feet ROI be shown on the cross-sections; however, for clarity, and because the actual ROI will be dependent upon the localized lithology along the screened intervals of the injection wells, the ROIs were not specifically shown. Further refinement of these cross-sections will be made after the first injection event. Multiple existing monitoring wells are also shown on the site plans and will be monitored during the remedy.

Each nested injection well will be utilized to inject the AP-HP liquid to maximize oxidation and distribution within saturated soils. Each nested pair of injection wells will be installed in adjacent boreholes to provide simultaneous AP-HP injection at a single location.

All soil boring locations will be pre-cleared to a minimum of five feet below grade utilizing a Vac-Tron, or other soft dig methods to ensure no subsurface utilities are damaged during drilling efforts. Injection well borehole advancement will be performed using hollow-stem auger drilling techniques consistent with Standard References. Soil samples will be screened for VOCs with a hand-held PID. A qualified GES geologist will characterize soil composition during well installation efforts. Soil samples will be collected from the targeted injection depths at each of the injection well borings. Select soil samples will be analyzed for VOCs and TOC as described in Section 8.1. These pre-ISCO baseline results will be compared to the post-ISCO soil analyses as one measure of evaluating the ISCO remedy effectiveness.

In addition to the injection wells, additional monitoring wells may be installed to provide additional soil and groundwater analytical data in areas critical to completion of the remedy, and in support of the ISCO monitoring plan Monitoring wells MW-24S and MW24-M, located in

the MWRA right-of-way and downgradient from RW-3 (as proposed on Figure 12), were identified as locations to be installed prior to the first injection event.

Soil cuttings and well development purge water will be drummed in DOT certified drums and appropriately labeled. The drums will be staged in an on-site containment area location pending characterization and disposal by GCC.

7.7 ISCO Injection Well Design

GES will conduct oversight during the installation of the nested injection points near the warehouse area (Source Area) and injection wells in the Middle Plume area. In order to ensure compatibility with the oxidants to be injected, the injection wells will be constructed using stainless steel well screen and riser. The two-inch diameter well screen will be of the continuous wrap diffuser design and have either a two or foot length. Temporary above-grade connections will be also be constructed of stainless steel. The proposed injection well design detail for a typical Max-Ox injection well configuration for this site and the specific Max-Ox injection well depths and screen intervals for each AOC are provided in Appendix J.

7.8 Activator Chemistry and Molar Ratios

For the ISCO testing preparations used in the RER, a mixture of 6% hydrogen peroxide (activator) and sodium persulfate was made at a ratio of approximately 2.5 pounds (lbs.) of sodium peroxide per gallon of 6% hydrogen peroxide. For purposes of this RIP, a similar ratio will be implemented.

As detailed on the design sheets provided in Appendix K, the estimated mass of CVOCs in the subsurface is approximately 985 pounds and requires the addition of approximately 5,713 lbs. of sodium persulfate and 4,800 gallons of 6% hydrogen peroxide. Based on presumed field efficiencies, a further factor of 50 percent is applied.

7.9 ISCO Design, Flow, and Volume Calculations

ISCO demand calculations were based upon the known lithology and concentration data obtained during site assessment activities and are presented in Appendix K. As previously discussed, the design is an iterative approach and will begin on the GCC property in and around the central warehouse area. The volume of media in this area is estimated at an approximate volume of 400,000 cubic feet with a porosity of 40% and bulk density of 121 pounds per cubic foot.

The first two ISCO injection events will involve the GCC property, while the third will likely involve the downgradient portion of the GCC property and the CSX ROW. As the ISCO injections are being implemented in a sequential and iterative approach, the portions of the injections on the GCC property are estimated to require approximately one-third of the required volume of oxidant. The amount of oxidant in excess of this required for injection on the CSX property will be estimated based on the results of the first two injection events on the GCC property. Each injection event is estimated to require two weeks to complete. During the initial ISCO injections, the on-site equipment will be capable of producing a flow rate of 2-3 gallons per minute for up to three injection wells simultaneously.

7.10 Soil Vapor Extraction System

During the ISCO injection events, GES will mobilize and operate a temporary SVE system as part of the proposed remedy and as an added measure that potential fugitive VOC emissions generated during the injection of the AP-HP will be effectively captured along the side of the GCC property abutting the Woodrow Wilson School and within the general GCC warehouse treatment area. As shown on Figures 17, the SVE will extract vapors from beneath the warehouse building utilizing the existing sub slab depressuration system's subsurface piping and from a set of five vapor extraction wells (SVE-1 through SVE-5) located in the northeast corner of the facility abutting the Woodrow Wilson School property. When conducting ISCO adjacent to the warehouse building, the SVE system will draw vapors from the underlying sub slab piping. When conducting ISCO east of the warehouse building, the SVE system will extract from the five SVE wells.

The five SVE wells will be installed prior to implementation of the ISCO injection program. The SVE wells will be utilized for the recovery of soil vapors that may be generated during the remedy implementation. The SVE wells will be completed with 2 feet of 4-inch diameter PVC riser, and 6 feet of 0.020-inch slotted, 4-inch diameter PVC screen at the base. The SVE wells will be completed to 8 feet, with screen ranging from 2 to 8 feet bgs. Sand pack will be installed from the top of screen to one foot above the screen (4 to 3 bgs). A 6-inch-thick bentonite seal will be installed above the sand pack (3 to 2 bgs). Native backfill will be installed to 6 inches bgs. Each of the wells will be fitted with a 2-inch diameter supply line. A Process & Instrumentation Diagram (&ID) and SVE Well Construction Details are shown on Figure 20 and Figure 21, respectively.

As a vapor extraction pilot test was not performed at the site, GES designed the system based upon it's design experience at other sites with similar lithology. The design for the extraction wells utilizes a conservative ROI of 10 feet, airflow of 100 standard cubic feet per minute (scfm), and an applied 29 inches of water (H_2O) at the blower. Off-gas treatment will consist of two 200-lb vapor phase granular activated carbon vessels plumbed in series. In order to maintain a minimum removal efficiency of 95%, spare carbon vessels will be located on-site and available for use during the ISCO injections. Spent carbon will be labeled and stored on site for disposal by GCC.

When extracting from the existing sub slab piping network under the warehouse building, GES will mobilize a blower capable of producing an applied vacuum of 10 inches of water at 200 scfm. Off-gas treatment will consist of two 200-lb vapor phase granular activated carbon vessels plumbed in parallel.

SVE Design Criteria / Assumptions

The design flow rate per well will be (on average) 20 cubic feet per meter (cfm) for each SVE well based on similar sites in Massachusetts. A total flow of 100 cfm will be used to properly size the blower. A maximum of 5 wells will be operational at any one time. Since all the wells will be constructed similarly, the calculations will be based on providing the required air flow to the point furthest from the system (SVE-1) representing the maximum losses to be overcome.

Given the low vacuum requirements of the existing warehouse subslab system, calculations based upon SVE-1 were deemed more representative of the upper vacuum requirements.

The well head design vacuum of 20 inches H_2O, represents a typical seen at sites across Massachusetts that employ SVE technology with similar soil types and water table elevations.

The manifold and equipment connections will be constructed of tees, valves, and 90° elbows. The total system flow rate is based on operating all 5 SVE wells in combination to the maximum capacity of the selected blower. GES' SVE blower design calculations are included in Appendix L.

7.11 Design Control Features

The MCP requires that design features to control oil and hazardous material (OHM) spills, accidental discharges, and system malfunction must be incorporated into remedial system design. Monitoring of ISCO concentrations will be conducted during each ISCO event and during the post-injection sampling events through the use of a field titration kit for additional sampling. Samples of groundwater will be collected and an indicator added. A neutralizing solution will then be added and based on the solution concentration required to achieve neutralization, the concentration of hydrogen peroxide can be estimated.

During the ISCO injections, DO concentrations, groundwater temperature, pressure, and water table elevation will be measured and recorded from nearby existing observation wells. Additional precautionary observations will be made in the vicinity of the injections to assess for surficial oxidant breakthroughs including root systems, cracks in the asphalt pavement and groundwater upwelling, etc. Additional work area and down-wind atmospheric monitoring will also be conducted using a PID screening instrument to assess and/or document air quality conditions. Post-injection groundwater monitoring will be performed to monitor potential effects of the ISCO, to confirm that no compounds build up in the subsurface that could have a negative effect on the indigenous organisms, and to document when natural subsurface conditions have returned to pre-injection levels prior to completion of the remedial activities.

Sodium persulfate and hydrogen peroxide can be very safe to use as long as qualified individuals are involved in its handling. Spills or direct contact could prove hazardous in situations where concentrated sodium persulfate and hydrogen peroxide is used or handled. However, for the proposed application, a 6% hydrogen peroxide solution will be used. The diluted solution is also unlikely to generate significant heat or vapors in the subsurface, and these conditions will be actively monitored during implementation. Copis of the Material Safety Data Sheet (MSDS) for sodium persulfate and hydrogen peroxide are presented in the HASP provided in Appendix H.

As noted in the MassDEP RIP disapproval letter, ISCO will not be injected into wells containing NAPL or within 20 feet of wells containing measurable NAPL. It is noted that measurable NAPL was not encountered in monitoring wells sampled during the recent quarterly and comprehensive sampling events. The concentration of hydrogen peroxide injected initially will not exceed 10% in order to limit the possibility of mobilizing contamination due to the reaction (heat and/or gas formation). Wells containing NAPL will be identified during the pre-injection/ baseline sampling events. The need for deeper screened injection wells during subsequent

injection events will be determined pending monitoring efforts during and after the initial injection event.

During the injection of the hydrogen peroxide, GES will monitor groundwater temperatures. The injection program will be curtailed if the groundwater temperatures exceed 140° F in the injection wells, the surrounding monitoring wells, or beneath the slab of the warehouse foundation. Temperature monitoring will be conducted at a sufficient frequency and in sufficient locations, and three hours after the last application. The ISCO plan will involve injections at up to three ISCO wells at a time. At each area of injection, the wells surrounding the injection area will also be monitored. Specific wells cannot be designated in advance, as the injections will progress across various portions of the site for each event. In all cases when injecting on the GCC property, downgradient wells CDW-4, CDW-5 and CDW-6 in the CSX ROW will be monitored. At least on a daily basis, all area wells will also be monitored. Based upon the monitoring at areas downgradient from the treatment area, should elevated temperatures be encountered, provisions are made for dilution of the injection points with water that will be available on site.

Special consideration will also be taken for the more downgradient locations which approach nearer to the MWRA aqueduct. The initial injection event will allow the opportunity to evaluate the performance in the subsurface prior to injection nearer to the aqueduct, and will allow sufficient controls to limit potential mounding.

During temporary operation of the SVE system, a minimum 95% destruction efficiency will be maintained in accordance with the MCP requirements.

8.0 OPERATION, MAINTENANCE AND/OR MONITORING PLAN

8.1 Baseline Characterization of Soils and Groundwater

Groundwater

Select monitoring wells and newly installed injection wells will be utilized to evaluate the ISCO injection program will be gauged for static water level elevations and the presence/absence of LNAPL/DNAPL using an optical interface probe. Following gauging, a low flow sampling technique will be used to collect groundwater samples, which will be submitted for laboratory analysis. The baseline samples will be collected from both screened intervals of the nested injection points in the Source Area and the injection wells in the Middle Plume Area, and selected existing monitoring wells.

The ISCO injection plan for each AOC involves three groundwater sampling events to assess performance of the ISCO remedy. These performance sampling events will include multiple wells selected based on system performance data and field ROI data. The following sampling schedule is anticipated:

1. An event approximately one month after injection;
2. An event approximately three months after injection; and
3. An event approximately one month following the final injection in the AOC;

Groundwater samples will be submitted for laboratory analysis. A subset of the baseline samples will also be analyzed for background compounds and physical / geochemical characteristics to facilitate comprehensive evaluation of the ISCO remedy performance.

For each round of sampling, groundwater will be analyzed for:

- VOCs
- Metals
- Chloride
- COD
- Dissolved organic carbon (DOC)
- Dissolved oxygen (DO) – field and lab sampled
- ORP – field sampled
- pH – field sampled

Soil

During the construction of the injection wells, several soil samples will be collected from the targeted soil-depth intervals using a drill rig equipped with a hollow-stem auger. The samples will be field screened with a PID and the highest PID sample from each boring will be submitted for analysis. Soil analytical data will be utilized to refine the estimated quantity of oxidant needed during remediation and provide a pre-remediation baseline of soil conditions in the injection area. Post-injection soil sampling will be performed to assess the effectiveness of the program after the ISCO program included in this RIP is completed.

In summary, the soil sampling activities will include:

- Installation of up to four soil borings throughout the injection area using an air knife for borehole clearance and drilling;
- Field screening of soils from each well boring using a PID;
- Collection of 8-10 soil samples; and
- Laboratory analysis of the soil samples for VOCs and TOC.

Soil cuttings will be containerized in 55-gallon drums and staged on-site for GCC to coordinate disposal

Analytical Methods

The methods for each analysis are provided below:

ANALYTE	METHOD
VOCs	EPA 8260B
Metals*	EPA 6010C
Chloride	EPA 300 or equivalent
COD	EPA 410.4 or equivalent
DOC	EPA 9060 or equivalent
Dissolved Oxygen	EPA 6020 and probe
Hydrogen Peroxide	Test Strips
ORP	Field Probe
pH	Field Probe
Temperature	Thermometer
TOC (soil)	EPA 9060 or equivalent

* = Metals include arsenic, barium, cadmium, chromium, copper, iron, lead and selenium (also Cr^{+6} by EPA Method 7196 and mercury by EPA Method 7470.

Remedial Additive Monitoring

To demonstrate compliance with 310 CMR 40.0046(1)(b), *Application of Remedial Additives*, GES will collect groundwater samples from up to three piezometer/monitoring wells located 50 feet downgradient of ISCO application area. The samples will be collected using the low flow sampling methodology. The samples will be collected one month after the ISCO injection. For injections nearer to the aqueduct, it may be necessary to collect samples from the aqueduct flow for remedial additive monitoring. An upstream sample would be collected at the Leland Street gatehouse and at the downstream manhole at Station 72+00, subject to MWRA approval.

Groundwater samples will be field screened for DO, ORP, pH, specific conductivity, turbidity, and temperature using a flow through cell, Model YSI 556, during collection. Samples will also be collected and screened using applicable field test kits for sodium persulfate and hydrogen peroxide.

8.2 Waste Management

No waste generation is anticipated during the AP-HP injections. Impacted soil generated during drilling activities associated with the installation of proposed injection and/or monitoring wells will be stored in labeled 55-gallon steel drums and for management by General Chemical.

Solid waste such as used personnel protection equipment (PPE) will be generally disposed off-site as regular solid waste, unless the waste contains free liquid and/or meets the definition of a hazardous waste.

8.3 Identification of Site-Specific Characteristics Affecting Design

Site-specific characteristics affecting design include site lithology, depth to groundwater, and location of impacted soil and groundwater. Injection wells installed along the north

(hydraulically upgradient) side of the warehouse building are intended to address potential impact under the structure.

Due to the proximity of the CSX rail line, Nobis Engineering has prepared a Track Stability Plan that will be implemented during each ISCO event in injection areas AOC #1 and AOC #2. A copy of the Track Stability plan is located in Appendix M. In short, the plan calls for the periodic elevation survey of the rail lines to ensure track stability. Review and approval of the plan by CSX is required prior to ISCO implementation.

A site specific Chemical Storage and Traffic Control Plan has also been prepared for review by the Framingham Fire Department. A copy of the plan can be found in Appendix I. Review and approval of the plan by the Framingham Fire Department is required prior to ISCO implementation.

8.4 Environmental Impact Mitigation Measures

Environmental impact is not expected to occur as a result of the ISCO injection program at the GCC site. A monitoring and sampling program will be implemented at the GCC site to observe the dispersion of the sodium persulfate and the hydrogen peroxide, to document the progress of remediation, and confirm the amount of residual sodium persulfate and/ or hydrogen peroxide in the environment, if any.

8.5 Construction Plans and Specifications

Based on recent communications with MassDEP, assuming that the public comment period for the RIP and associated plans (Track Stability and Chemical Storage/Traffic Control) are completed by October 28, 2011, and MassDEP provides approval for the RIP on November 15, 2011, weather permitting, GES anticipates that the first ISCO injection event on the GCC property could begin in mid-December 2011 with post injection sampling initiated approximately 30 days later. The initial event will occur entirely on the GCC property and where well locations should be readily more accessible than at off-property locations. A detailed schedule of events is presented in Appendix N.

8.6 Person(s) Conducting Operation, Maintenance and Monitoring

Remedial activities will be conducted under the supervision of GES personnel and will coordinate activities in conjunction with GCC, owners of properties that comprise the disposal site, and various stakeholders. GES personnel participating in site remedial activities are qualified and/or licensed to manage the proposed tasks at the site on behalf of GCC.

9.0 ANAEROBIC BIOREMEDIATION PILOT TEST – DOWNGRADIENT PLUME

9.1 Description

GES will design and implement an *in situ* anaerobic bioremediation strategy for the downgradient portion of the groundwater plume at the GCC site pursuant to the previously submitted RER approved by the MassDEP. As indicated in the RER, groundwater samples had been collected at the GCC site by previous consultants during June and July 2009 using low flow

sampling techniques and were submitted for analysis of the standard bioremediation parameters including dissolved gases (methane, ethane, and ethylene), organic acids, pH, ORP, nitrate, phosphate, sulfate, and microbial identification (SiREM Gene-Trac testing). Evaluation of the analytical testing for the bioremediation parameters indicated that the dissolved-phase chlorinated ethenes were undergoing halorespiration, a biological transformation known as reductive dechlorination (as opposed to aerobic or anaerobic oxidation processes). These results suggest that reductive dechlorination is proceeding via the following pathway:

PCE → TCE → cis-1,2-dichloroethylene (cis-1,2-DCE) → vinyl chloride (VC) → ethylene → ethane

Some chlorinated compounds are used by indigenous microbial populations as electron donors and some are utilized as electron acceptors when serving as primary growth substrates. When used as an electron donor, the chlorinated compound is oxidized. Conversely, when used as an electron acceptor, the chlorinated compound is reduced via reductive dechlorination or halorespiration. Because subsurface conditions at the downgradient portion of the GCC site are supporting halorespiration, an *in situ* anaerobic bioremediation strategy designed to enhance reductive dechlorination processes in the downgradient portion of the dissolved-phase plume is a viable treatment option.

9.2 Initial Data Analysis – Evidence of Reductive Dechlorination

The presence of vinyl chloride (VC) in groundwater associated with a release of chlorinated compounds is strong evidence of reductive dechlorination. In addition, the molar ratio of *cis*-1,2-DCE to *trans*-1,2-DCE plus 1,1-dichloroethene (1,1-DCE) can be used to determine whether DCE was produced as a result of biological activity. It is generally accepted that a ratio of greater than 5:1 indicates the DCE is most likely of biogenic origin (Wiley & Sons, 1999). Examination of the most recent analytical data suggests that the chlorinated compounds observed at the GCC site are of biogenic origin thereby supporting the contention that reductive dechlorination processes are occurring in the subsurface.

Well	trans-12DCE	11-DCE	Sum	cis-12DCE	cis/sum ratio	
	Micrograms per Liter (ug/L)					
RW-5D	35.8	162.0	197.8	2250.0	11.4	to 1
MW-22	<1.0	3740.0	3740.0	42500.0	11.4	to 1
MW-23	147.0	776.0	923.0	16300.0	17.7	to 1

The ratio of *cis*-1,2-DCE to *trans*-1,2-DCE plus 1,1-DCE is generally significantly greater than the ratio of 5:1 in most monitoring wells at the General Chemical facility. The high molar ratios suggest that the subsurface conditions at the Site are conducive to biological reductive dechlorination and application of an anaerobic bioremedial approach. An enhanced anaerobic bioremedial approach in the downgradient portion of the GCC site should be effective at reducing the concentration of the CVOCs to below the MCP Method 1 groundwater standards.

9.3 Nanoscale Zero-Valent Iron For Groundwater Remediation

Metallic or zero-valent iron (Fe^0) is a moderate reducing reagent, which can react with DO and to some extent with water:

$$2Fe^{0}_{(s)} + 4H^{+}_{(aq)} + O_{2(aq)} \rightarrow 2Fe^{2+}_{(aq)} + 2H_2O_{(l)}$$

$$Fe^{0}_{(s)} + 2H_2O_{(aq)} \rightarrow Fe^{2+}_{(aq)} + H_{2(g)} + 2OH^{-}_{(aq)}$$

The above equations are the classical electrochemical/corrosion reactions by which iron is oxidized from exposure to oxygen and water. The corrosion reactions can be accelerated or inhibited by manipulating the solution chemistry and/or solid (metal) composition. Since the early 1990s, the iron corrosion chemistry has been put into productive use in the treatment of hazardous and toxic chemicals, mainly due to the discovery of Gillham (Gillham R.W. & S.F. O'Hannesin, 1994). The environmental chemistry of metallic or zero-valent iron has been extensively documented by EPA (USEPA, 2003).

The standard half-cell reactions involving zero-valent iron and its reaction products are as follows:

$\rightarrow Fe^{3+} + 3e^{-}$	Fe^{0}	E_0 = -0.037 V	(Eq. 1)
$\rightarrow Fe^{2+} + 2e^{-}$	Fe^{0}	E_0 = -0.447 V	(Eq. 2)
$\rightarrow Fe^{3+} + e^{-}$	Fe^{2+}	E_0 = +0.771 V	(Eq. 3)

Because equations 1 and 2 are heterogeneous reactions, and because the oxidation of Fe^{2+} also involves solid products at neutral or basic pH, the surface area of the solid iron has a direct influence on the number of active surface sites presented to the groundwater plume. Decreasing the iron particle size increases the surface area and the rate of reaction. Increasing the specific surface area also results in an increase in the fraction of iron atoms that are on the particle surface, thereby creating a greater reductive capacity per gram. This allows for the use of smaller amounts of iron to treat a contaminated groundwater plume. The ability to reduce excavation size through the use of thinner barriers and smaller excavations is an important consideration, because excavation is the largest capital cost in the use of *in situ* permeable barriers (Ponder et al. 2001).

Nanoscale iron particles represent an innovative remediation technology that provides cost-effective solutions to some of the most challenging environmental cleanup problems. Nanoscale iron particles have large surface areas and high surface reactivity, which provides flexibility for in-situ applications. Research has shown that nanoscale iron particles are very effective for the transformation and detoxification of a wide variety of common environmental contaminants, such as chlorinated organic solvents, organochlorine pesticides, and polychlorinated biphenyls (PCBs) (Zhang, 2003). The small particle size of the nanoscale iron allows it to be injected as an emulsion which avoids the need to excavate trenches.

9.4 Proposed Biological Treatment Methodology – Red-Duc

GES proposes implementation of an in-situ chemical reduction process for the treatment of the lower portion or downgradient portion of the CVOC-impacted plume at the Site. The proposed treatment technology will utilize a multi-day injection using nanoscale zero-valent iron (NZVI) suspended within a biodegradable oil emulsion. Granular (coarse grain-sized) ZVI has been successfully used in permeable reactive barrier applications to treat chlorinated hydrocarbons in

groundwater. Injecting fluidized NZVI particles into a contaminated source zone is an extension of this concept. With surface areas that are up to several times greater than larger-sized powders or granular iron, NZVI particles are much more reactive than granular ZVI in the reduction process.

NZVI was used to chemically break down residual TCE, TCA, and other chlorinated constituents to innocuous by-products. GES proposes the Red-Duc process using nano-iron solution as well as nitrogen gas to disperse and mix the NZVI into the subsurface. The Red-Duc process facilitates the formation of a reductive environment through abiotic processes (i.e., NZVI) and biotic processes (i.e., enhanced anaerobic bioremediation of CVOCs). Red-Duc Reductive Remediation significantly enhances the reductive remediation application. This technology combines nitrogen, and sometimes trace amounts of hydrogen or methane, with liquid amendments that enhance the reductive process and maximize the reductive environment.

The Red-Duc process expands the zone of influence (ZOI) and also turbulently mixes the reductive material in the subsurface. This same turbulent mixing process has been used at hundreds of sites using chemical oxidation processes. The Red-Duc process has also been used to reactivate liquid amendments after initial injection events to further mix the amendment, often leading to further reductions in the ORP.

The Red-Duc process will enhance reducing conditions through the injection of nitrogen (and displacement of oxygen) and emulsified biodegradable oil in the proposed pilot test treatment area. By enhancing reducing conditions, microorganisms will select alternate electron acceptors. After DO, nitrate, and biologically available Mn^{+4} and Fe^{+3} have been depleted in the treatment zone, sulfate may be used as an electron acceptor for anaerobic degradation via sulfate reduction. The recent groundwater sampling data indicates that the alternate electron acceptors after nitrate, iron (<34 µg/L), manganese (<19 µg/L), and sulfate (<22 µg/L) were detected at generally low concentrations indicating that reductive dechlorination processes have occurred for some time at the Site.

The Red-Duc process was implemented at a former manufacturing facility as an interim remedial measure (IRM) in New Jersey. Approximately 1,400 pounds of NZVI were injected in the source area in a slurry form (3,725 gallons of nano-iron solution), via multiple temporary injection points and existing monitoring wells. After NZVI, short-duration nitrogen injection was conducted at five monitoring wells in the source area after to agitate the aquifer and redistribute the solution. At the conclusion of nitrogen sparging, ORP was observed to decrease by up to 100 mV. Three months after injection, the source area indicated a 93% reduction in 1,1,1-TCA concentrations, an 84% reduction in TCA, and an overall reduction in VOCs of 86%.

9.5 Proposed Pilot Test of Red-Duc Process

GES proposes to conduct a three-day Red-Duc pilot test following the retrofitting of the existing recovery well RW-5D. The purpose of the pilot test is:

- Evaluate the efficacy of the NZVI to degrade CVOCs in the groundwater at the downgradient portion of the GCC site;
- Determine the ZOI for the reductive remediation process; and

- Establish engineering parameters for full-scale reductive treatment using NZVI.

RW-5D was selected as the pilot test well for the following:

- The well is located in the downgradient portion of the CVOC plume at the GCC site;
- RW-5D was constructed with 6-inch diameter polyvinyl chloride (PVC) casing and screen;
- During the recent sampling event conducted on August 23, 2011, RW-5 had a total VOC concentration of 6,918 µg/L; and
- The well is screened from 20 to 40 feet bgs, which is within the vertical interval requiring treatment.

GES proposes to implement a three-day pilot test of the Red-Duc process at the Site. For the pilot test, up to 500 pounds of NZVI will be pumped as a slurry (approximately 1,330 gallons of nano-iron solution) into RW-5D followed by short bursts of nitrogen gas. The retrofitted well will be developed and sampled as described in the following sections.

A stainless steel wellhead injection assembly (fitted with a flow control valve, check valve, and pressure gauge) will be used to connect to injection tubing attached to the bypass valve located on the top pneumatic packer installed in the retrofitted monitoring well RW-5D. The injection flow rate of the oxidant solution will initially be limited to 0.5 gallons per minute (gpm). The flow rate will then gradually be increased up to a maximum of 10 gpm, depending on the observed well pressures and other field observations. Flow rates will be decreased if well pressures are observed to exceed 10 pounds per square inch (psi).

Nitrogen will be periodically injected into retrofitted injection well to facilitate the dispersal of the NZVI in the subsurface. The NZVI solution will be pumped into RW-5D using an electrical pump. Pumping flow rates may be adjusted as necessary based on observed conditions and field monitoring data.

RW-5D will be retrofitted in a manner suitable for injecting NZVI and nitrogen during a limited pilot study (Appendix O, Figure 1). The pilot test will evaluate NZVI injection below the 20 foot depth interval. The RW-5D retrofit will require one packer (top plug). The top plug will be lowered into RW-5D to the required depth. GES will utilize the Single-Size Muni-Ball™ Top Plug (6-inch nominal size) rated for a maximum diameter of 6.25-inches, a minimum diameter of 4.50-inches, and a maximum pressure of 13 pounds per square inch (psi). The packer system will insure that the NZVI solution is pumped directly into the aquifer formation at the required depth interval. GES will utilize the Single-Size Muni-Ball™ Top Plug. The Muni-Ball plugs are equipped with an eyebolt for tethering, raising, and lowering while using a poly-lift line. They are also equipped with a removable tire inflation valve, allowing them to be repaired or replaced with quick disconnect fittings, and a 1/8-inch bypass.



Muni-Ball Inflatable Top Plug with Bypass



Lift-line and Hose

9.6 Well Development and Piezometer Installation

Prior to the anaerobic treatment technology pilot test, RW-5D will be developed with a vacuum truck to improve communication between the well screens and the surrounding aquifer. Five piezometer triplets will be advanced using the direct push or hollow-stem auger methodologies consistent with MassDEP Standard References (Appendix O, Figure 2). The piezometers will be constructed of one-inch-diameter, Schedule 40 PVC with ten feet of 0.010-inch screen. The piezometers will be developed for a maximum of one hour or until groundwater flows with a visually consistent clarity for 15 minutes. The purged groundwater will be drummed for disposal. The piezometer triplet installations will be completed with flush-mount roadboxes.

To monitor the NZVI dispersion, each piezometer triplet will be screened at staggered depths; that is, one piezometer will be screened from 5 to 15 feet bgs, the second piezometer will be screened from 16 to 26 bgs, and the third piezometer will be screened 28 to 38 bgs. The piezometer triplets will be separated by a one-foot bentonite seal. The staggered screened intervals in each piezometer triplet configuration will allow the vertical and horizontal monitoring of the NZVI solution throughout the shallow and deep aquifers.

9.7 Water Quality Monitoring

Prior to initiating injection activities at RW-5D, GES will collect baseline parameters including DO, ORP, pH, temperature, conductivity, iron, manganese, sulfate, and nitrate from the existing monitoring wells surrounding RW-5D. In addition, select groundwater samples will be analyzed for dissolved gases including methane, ethane, and ethylene, total alkalinity, ammonia-nitrogen, total organic carbon (TOC), chloride, acetate, Chemical Oxygen Demand (COD), and Biological Oxygen Demand (BOD). Appendix O, Table 1 lists the field and laboratory parameters that will be collected during the pilot test. The listed parameters will also be measured periodically during the injection test in order to assess overall progress.

The data collected will be used to assist in estimating an effective ZOI in order to determine the number of injection wells that will be required for full-scale remediation activities.

9.8 Groundwater Sampling and Analysis

One month after the process application, groundwater samples will be collected and analyzed for the parameters shown in Appendix O, Table 1. In addition, the groundwater samples will be submitted for laboratory analysis of VOCs. This analytical data will be used as baseline data to be evaluated in conjunction with the results of the pilot study to assist in the design and implementation of a full-scale remedial plan.

9.9 Health and Safety Considerations

To manage potential risks involving the injection of NZVI and nitrogen into recovery well RW-5D, GES will conduct the following activities during the pilot testing:

- A PID and combustible gas indicator (CGI) will be used to monitor for VOCs, percent LEL, and percent oxygen in the breathing zone, the space within the RW-5S/5D recovery vault, and in any utility vault and/or storm drain in the vicinity of the injection area.

- A detailed account of specific health and safety precautions taken during implementation of this technology will be summarized in the Site-specific Health and Safety Plan (HASP) and Job Safety Analysis worksheets (JSAs), which will be available during each Red-Duc process application.
- GES will collect continuous depth to water measurements in select monitoring wells. The data will be monitored to ensure that excessive groundwater mounding is not created by the injection procedure in the pilot test well.

9.10 Pilot Test Summary Report

Upon completion of the injection test, GES will prepare a pilot test report summarizing the observations and results of the field work, including any conclusions that can be drawn regarding the effectiveness of the implementation of the Red-Duc anaerobic treatment technology at the GCC site and the implications for a full-scale design. A detailed summary report including recommendations for full-scale application will be prepared upon receipt of the post-injection groundwater sampling results. The report is anticipated to include the following:

- Quantity and proposed locations of additional injection wells;
- Approximate volume and concentration of NZVI solution that will be required for full-scale implementation;
- Optimal solution pumping flow rates; and
- Modifications to air monitoring and health and safety procedures, if necessary.

10.0 ANCILLARY PLANS, APPROVALS, AND REQUIRED SUBMITTALS

10.1 Plans, Approvals and Public Involvement

10.1.1 Health and Safety Plan (310 CMR 40.0874(3)(e))

A Health and Safety Plan has been prepared for site activities associated with the implementation of the remedy and will be available on site for use during operation, maintenance, and monitoring tasks. The Health and Safety Plan will be a "working document" that is modified as activities or site conditions warrant. The Health and Safety Plan included in Appendix H has been provided to the Framingham Fire Department concurrent with this RIP submittal to MassDEP and is subject to modification based upon review and approval by the Framingham

Fire Department. The final approved Health and Safety Plan will be in effect prior to implementation of the activities in this RIP.

10.1.2 Track Stability Plan

As a requirement of the existing access agreement with GCC, CSX requires the submittal of a Track Stability Plan for approval prior to installing injection wells within the railroad right-of-way. As indicated previously, the installation of injection wells and the initial ISCO injection event will be performed entirely on the GCC property, and at that time, only monitoring will be performed on the CSX ROW property. Subsequent injection event(s), to the extent warranted, would involve installation of injection wells within the railroad right-of-way.

GCC contracted Nobis Engineering, Inc. of Lowell, Massachusetts to prepare a Track Stability Plan and obtain the required CSX approvals. The Track Stability Plan included in Appendix M has been provided to CSX concurrent with this RIP submittal to MassDEP and is subject to modification based upon review and approval by CSX. The final approved Track Stability Plan will be in effect prior to implementation of the ISCO injections.

10.1.3 Federal, State or Local Permits and Approvals Required

Applicable local permits such as (but not limited to) drilling and/or electrical permits may be required prior to the implementation of the remedial alternatives discussed in this report. As proposed, ISCO injection locations are not within 50 feet of a surface water body or private potable well, and specific approval from MassDEP is not required for those locations. All required permits and approvals will be obtained prior to the implementation of activities outlined in this document. The Town of Framingham Conservation Commission will be notified in advance of the anaerobic bioremediation pilot test, and should full-scale implementation of the anaerobic bioremediation plan occur, a Notice of Intent (NOI) or Request for Determination of Applicability (RDA) may be required in accordance with the Wetlands Protection Act. In accordance with Section 310 CMR 27.07(2) of the Underground Injection Control (UIC) Regulations, the injection of remedial additives during groundwater remediation is exempt from notification or reporting under the UIC regulations.

10.1.4 Access Agreements (310 CMR 40.0874(3)(g))

All required access agreements are in place, and appropriate approvals required in this RIP will be secured prior to conducting the ISCO events, monitoring activities, and bioremediation pilot testing. Any additional wells within the aqueduct property will require continued coordination with the MWRA to ensure the location(s) are acceptable and do not compromise the integrity of the aqueduct.

10.1.5 Public Involvement Requirements

In accordance with Minimum Public Involvement Activities in Response Actions (310 CMR 40.1403) outlined in the MCP, notice of the availability of this RIP, and of any field work involving the implementation of the RIP activities, will be submitted to the Town of Framingham Chief Municipal Officer and Board of Health, and to other interested parties including stakeholders and/or affected property owners in accordance with GCC's license. Consistent with

current practice, copies of this RIP, RIP modifications and/or I&M Reports will be submitted to the Town of Framingham and will also be provided for public review at the Framingham Public Library. Copies of the notifications provided for this RIP submittal are included in Appendix P.

In addition, beginning in February 2008, the Town of Framingham Board of Selectmen and GCC developed a Task Force Subcommittee (Task Force) to facilitate more frequent and open discussion and cooperation between the Town of Framingham, GCC and the MassDEP. The Task Force is composed of representatives from the Town Manager's Office, Board of Selectmen, Public School System, Health Department and Fire Department, as well as GCC and the MassDEP. Meetings are currently scheduled at project milestones and/or 3-month intervals.

10.2 Required Submittals

10.2.1 As-Built Construction Report (310 CMR 40.0875)

In accordance with GCC's license, an As-built Construction Report will be required for the proposed remedial system design. In addition, under the terms of the access permit for the MWRA property, as-builts will be required for monitoring wells and/or injection wells installed on the MWRA property.

10.2.2 Inspection and Monitoring Reports

In accordance with Section 40.0890 of the MCP, Inspection and Monitoring (I&M) Reports will be submitted to the MassDEP every six months until a Permanent Solution is achieved, or unless an alternate schedule is required by MassDEP. The reports will contain the results of the ISCO monitoring activities, any sampling events, and minor changes to the ISCO program. Data collected before, during, and after the ISCO events will be used to evaluate the performance and the effectiveness of the ISCO program, the need for subsequent events or the need for modification. The I&M reports will also include the results of the anaerobic bioremediation pilot study and recommendations for implementation. See Section 10.2.3 for the mechanism to implement significant modifications to the ISCO program or for full-scale implementation of the anaerobic bioremediation for the downgradient portion of the groundwater plume.

10.2.3 RIP Modifications

During the implementation of the RIP, should site conditions change or should monitoring data suggest that significant modification to the RIP is required, RIP modifications will be submitted in a Revised RIP report to MassDEP. The level of detail in the modified RIP will depend on the nature of the modification, but in all cases, will require review and approval by MassDEP before the modification can take effect, and can be implemented.

10.2.4 Final Inspection Report and Phase IV Completion Statement (310 CMR 40.0878, 310 CMR 40.0879)

A Final Inspection Report (FIR) and Completion Statement will be prepared for the GCC site following the completion of the activities indicated in this RIP. Details on the full implementation of the remedial program, and a review of its effectiveness, will be included in the FIR.

10.2.5 LSP Certification

Per the request of Ms. Maria Pinaud of MassDEP, this certification has been made to indicate preparation of the RIP under the LSP of record, Stefan C. Sokol (LSP No. 4003).

Signature:

Stefan C. Sokol

Seal:



11.0 REFERENCES

Brown, R.A. 2003. Novel Activation Technologies for Sodium Persulfate *In Situ* Chemical Oxidation. Proceedings of the Fourth International Conference on the Remediation of Chlorinated and Recalcitrant Compounds.

CDW Consultants, Inc. Comprehensive Assessment Report. December 12, 1997.

FS Engineers (FSE) and Envirotech Consultants, Inc. Comprehensive Assessment Report. December 2008.

FS Engineers (FSE). Remedy Evaluation Report. September 2009.

Gillham R.W. & S.F. O'Hannesin, 1994. Enhanced degradation of halogenated aliphatics by zero-valent iron. Ground Water 32, 958–967.

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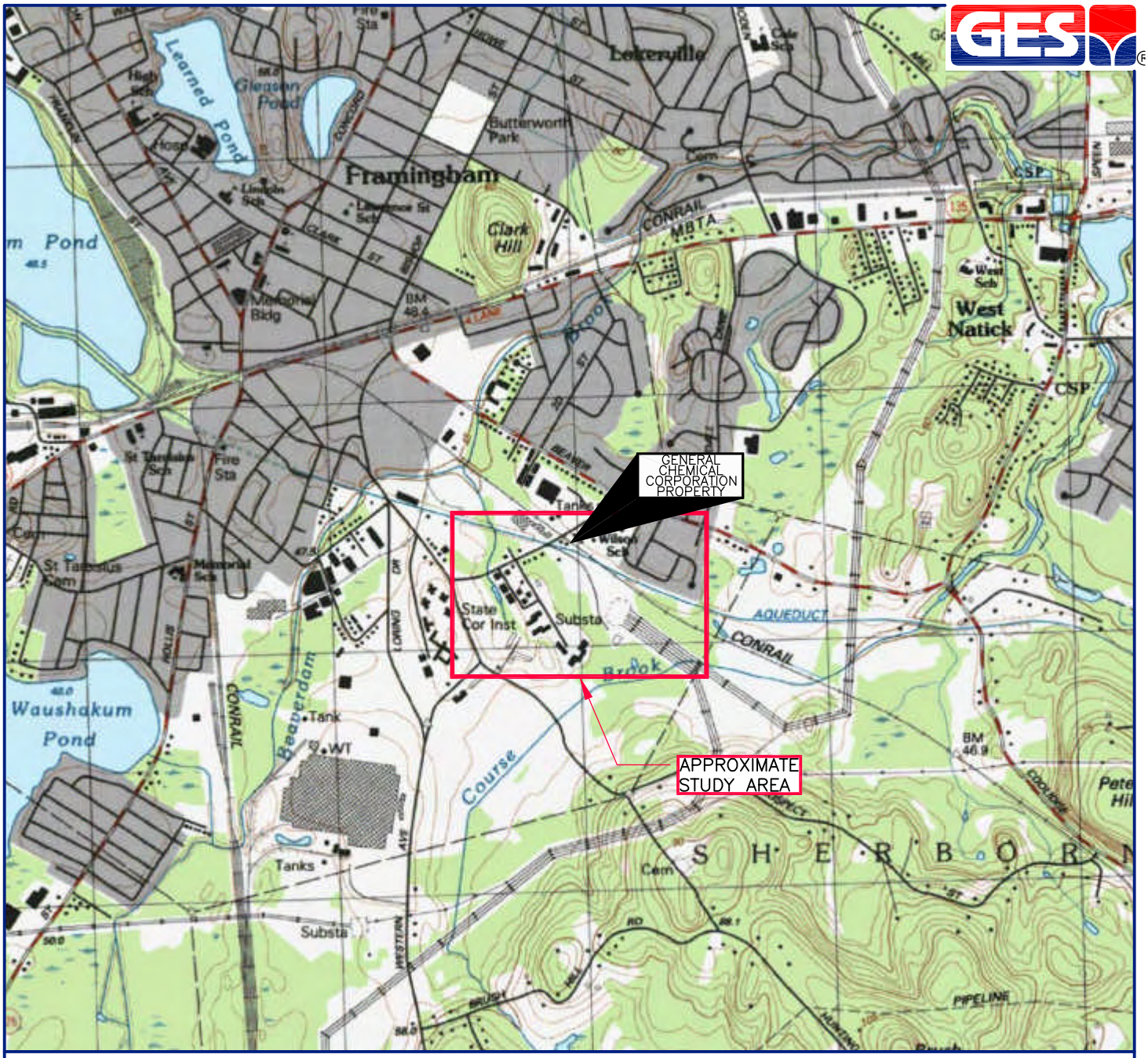
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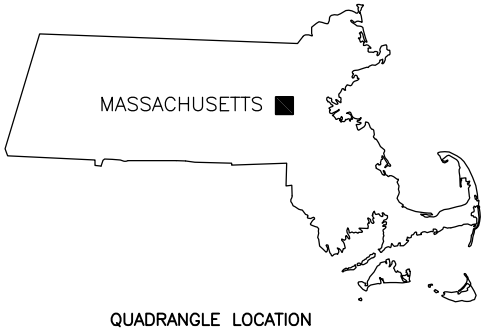
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Zhang, Wei-xian. 2003. Nanoscale iron particles for environmental remediation: An overview; Journal of Nanoparticle Research. 5: 323–332.

Figures



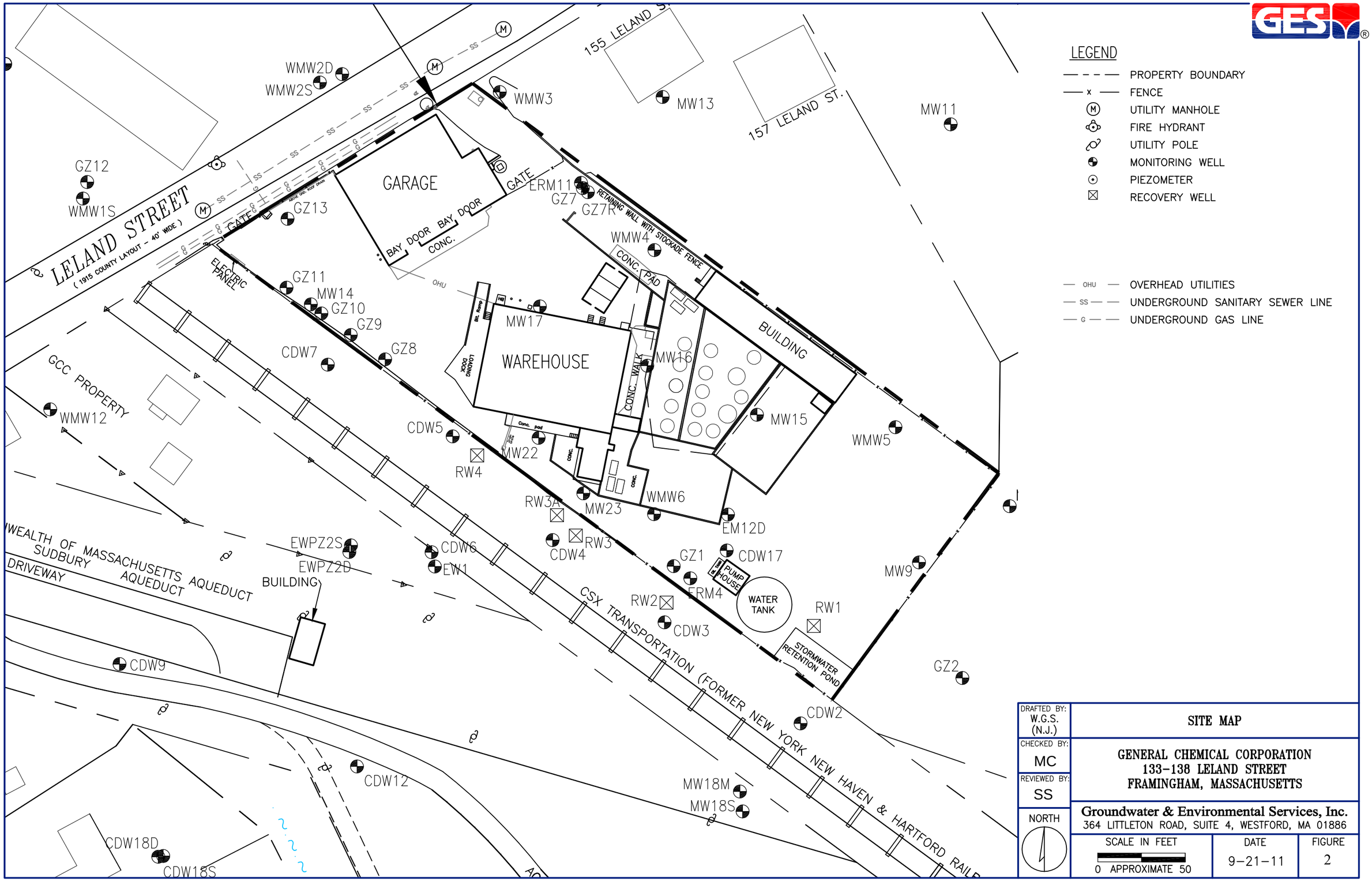
SOURCE: USGS 7.5 MINUTE SERIES
TOPOGRAPHIC QUADRANGLE 1987
FRAMINGHAM, MASSACHUSETTS
CONTOUR INTERVAL = 3 METERS



QUADRANGLE LOCATION

DRAFTED BY: W.G.S. (N.J.)	SITE LOCATION MAP
CHECKED BY: MC	GENERAL CHEMICAL CORPORATION 133-138 LELAND STREET FRAMINGHAM, MASSACHUSETTS
REVIEWED BY: SS	Groundwater & Environmental Services, Inc. 364 LITTLETON ROAD, SUITE 4, WESTFORD, MA 01886
NORTH	SCALE IN FEET: 0 2000 / DATE: 9-27-11 / FIGURE: 1

M:\Graphics\1600-Westford\Misc\General Chemical\General Chemical Framingham\General Chemical Framingham SLM.dwg, Layout1, 9/27/2011 7:56:05 AM, WShea



LEGEND

- PROPERTY BOUNDARY
- FENCE
- UTILITY MANHOLE
- FIRE HYDRANT
- UTILITY POLE
- MONITORING WELL
- PIEZOMETER
- RECOVERY WELL

- OHU — OVERHEAD UTILITIES
- SS — UNDERGROUND SANITARY SEWER LINE
- G — UNDERGROUND GAS LINE

DRAFTED BY: W.G.S. (N.J.)	SITE MAP
CHECKED BY: MC	GENERAL CHEMICAL CORPORATION 133-138 LELAND STREET FRAMINGHAM, MASSACHUSETTS
REVIEWED BY: SS	Groundwater & Environmental Services, Inc. 364 LITTLETON ROAD, SUITE 4, WESTFORD, MA 01886
NORTH	SCALE IN FEET: 0 APPROXIMATE 50 / DATE: 9-21-11 / FIGURE: 2

M:\Graphics\1600-Westford\Misc\General Chemical\General Chemical Framingham\General Chemical Framingham SM.dwg, B-50, 9/21/2011 3:38:21 PM, WShea



LEGEND

- PROPERTY BOUNDARY
- FENCE
- UTILITY MANHOLE
- FIRE HYDRANT
- UTILITY POLE
- MONITORING WELL
- PIEZOMETER
- RECOVERY WELL
- INJECTION WELL

- OHU — OVERHEAD UTILITIES
- SS — UNDERGROUND SANITARY SEWER LINE
- G — UNDERGROUND GAS LINE

NOTES:

LOCATION OF WELLS MW15-MW23 HAVE NOT BEEN SURVEYED AND SHOULD BE CONSIDERED APPROXIMATE.

SOURCE:

MAP IS BASED ON DRAWING FILE FROM FS ENGINEERS DATED JULY 21, 2008.

GRAPHIC SCALE

100 0 50 100 200 400

(IN FEET)
1 inch = 100 ft.
(APPROXIMATE)

DRAFTED BY: W.G.S. (N.J.)	EXPANDED SITE MAP
CHECKED BY: MC	GENERAL CHEMICAL CORPORATION 133-138 LELAND STREET FRAMINGHAM, MASSACHUSETTS
REVIEWED BY: SS	Groundwater & Environmental Services, Inc. 364 LITTLETON ROAD, SUITE 4, WESTFORD, MA 01886
NORTH	DATE 9-27-11 / FIGURE 3

MassDEP - Bureau of Waste Site Cleanup

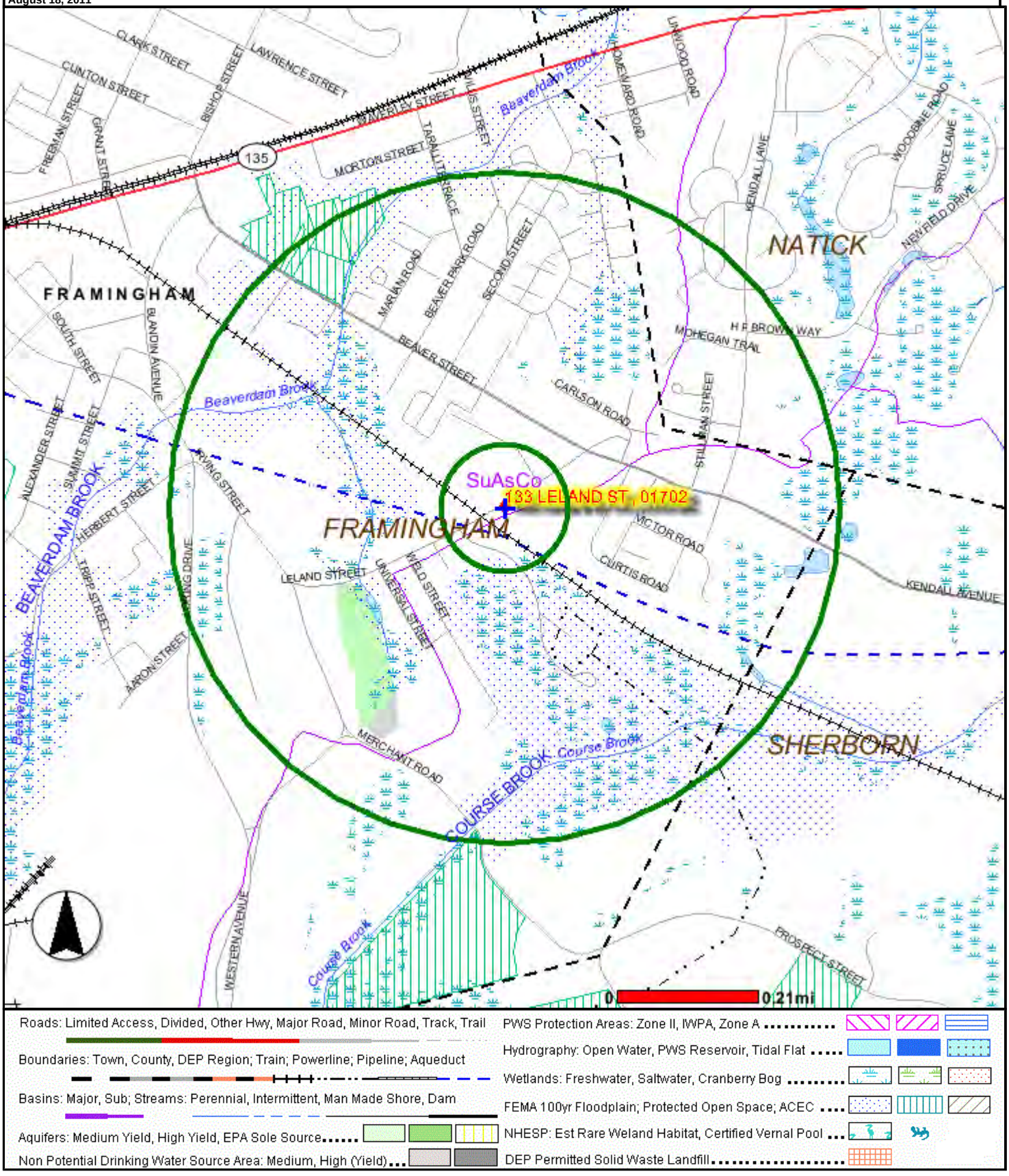
MCP Numerical Ranking System Map: 500 feet & 0.5 Mile Radii

Site Name:
General Chemical
133-138 Leland Street
Framingham, MA
RTN:
NAD83 MA Coordinates:
208208mE, 891191mN

August 18, 2011

The information shown on this map is the best available at the date of printing. For more information please refer to www.mass.gov/mgis/massgis.htm

MassDEP
Commonwealth of Massachusetts
Department of Environmental Protection



Roads: Limited Access, Divided, Other Hwy, Major Road, Minor Road, Track, Trail

Boundaries: Town, County, DEP Region; Train; Powerline; Pipeline; Aqueduct

Basins: Major, Sub; Streams: Perennial, Intermittent, Man Made Shore, Dam

Aquifers: Medium Yield, High Yield, EPA Sole Source

Non Potential Drinking Water Source Area: Medium, High (Yield)

PWS Protection Areas: Zone II, IWPA, Zone A

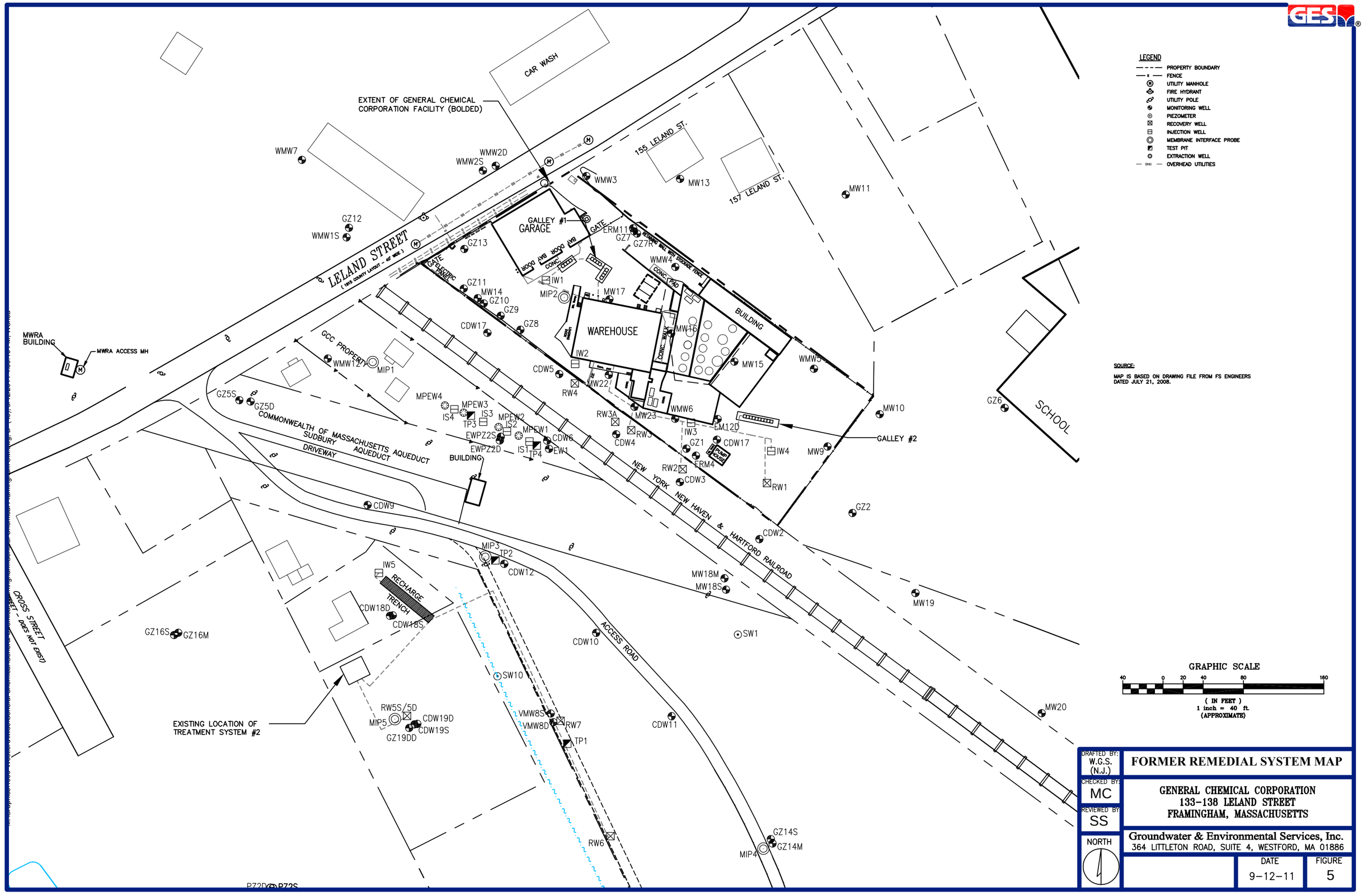
Hydrography: Open Water, PWS Reservoir, Tidal Flat

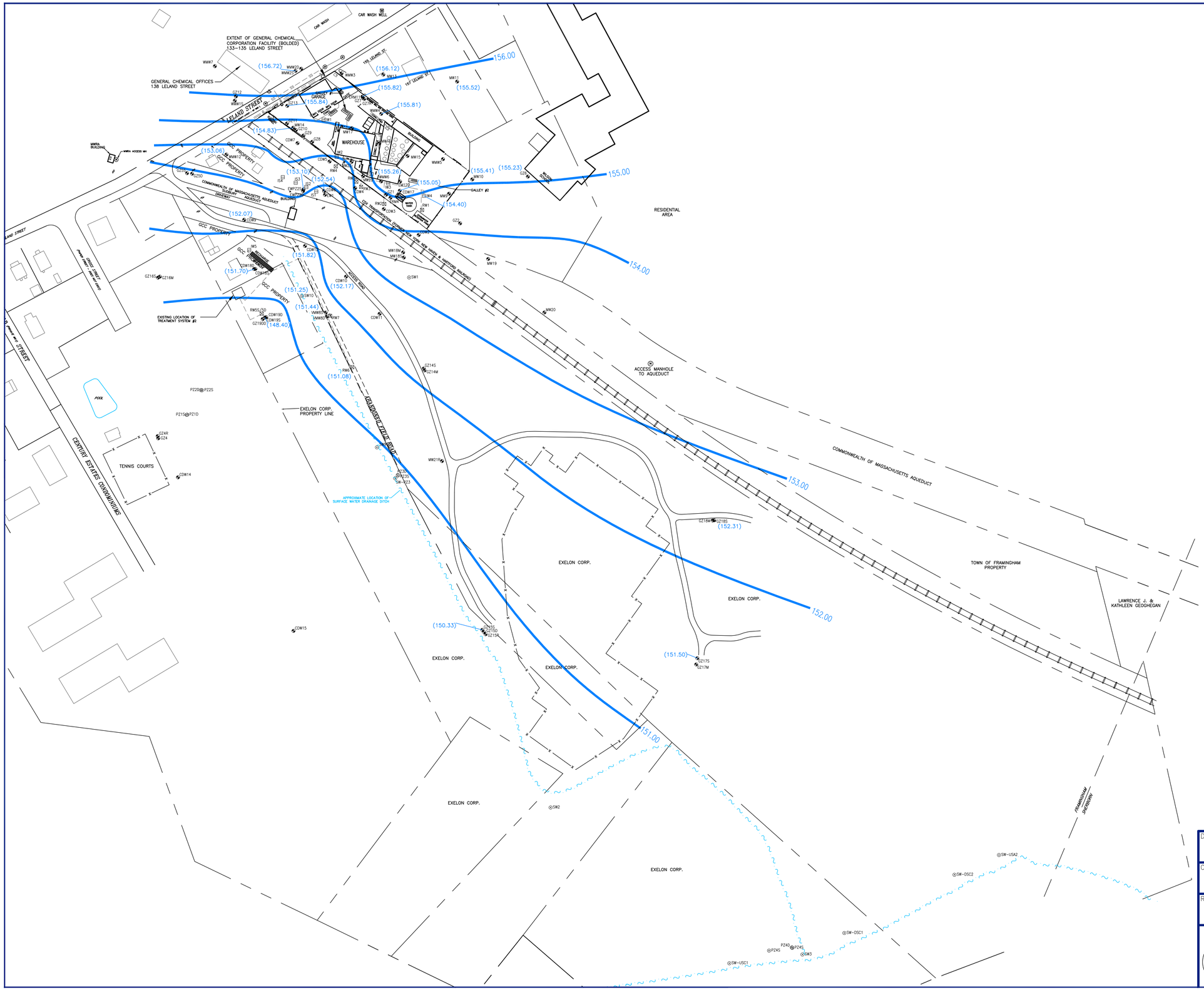
Wetlands: Freshwater, Saltwater, Cranberry Bog

FEMA 100yr Floodplain; Protected Open Space; ACEC

NHESP: Est Rare Weland Habitat, Certified Vernal Pool

DEP Permitted Solid Waste Landfill


LEGEND
PROPERTY BOUNDARY
FENCE
UTILITY MANHOLE
FIRE HYDRANT
UTILITY POLE
MONITORING WELL
PIEZOMETER
RECOVERY WELL
INJECTION WELL
MEMBRANE INTERFACE PROBE
TEST PIT
EXTRACTION WELL
OVERHEAD UTILITIES
SOURCE:
MAP IS BASED ON DRAWING FILE FROM FS ENGINEERS DATED JULY 21, 2008.
EXTENT OF GENERAL CHEMICAL CORPORATION FACILITY (BOLDED)
CAR WASH
LELAND STREET
(1915 COUNTY LAYOUT -- 40' WIDE)
155 LELAND ST.
157 LELAND ST.
GALLEY #1 GARAGE
GALLEY #2
WAREHOUSE
BUILDING
CONC. PAD
CONC. WALK
RETAINING WALL WITH SIDEWALK FENCE
GATE
ELECTRIC PANEL
BAY DOOR
CONC.
PUMP HOUSE
GCC PROPERTY
MWRA BUILDING
MWRA ACCESS MH
COMMONWEALTH OF MASSACHUSETTS SUDBURY AQUEDUCT
AQUEDUCT
DRIVEWAY
SCHOOL
NEW YORK NEW HAVEN & HARTFORD RAILROAD
ACCESS ROAD
CROSS STREET (STREET -- DOES NOT EXIST)
RECHARGE TRENCH
EXISTING LOCATION OF TREATMENT SYSTEM #2
WMW7
WMW2D
WMW2S
WMW3
WMW1S
WMW12
WMW4
WMW5
WMW6
MW10
MW11
MW13
MW14
MW15
MW16
MW17
MW18M
MW18S
MW19
MW20
GZ1
GZ2
GZ5S
GZ5D
GZ6
GZ7
GZ7R
GZ8
GZ9
GZ10
GZ11
GZ12
GZ13
GZ14S
GZ14M
GZ16S
GZ16M
GZ19DD
MIP1
MIP2
MIP3
MIP4
MIP5
TP1
TP2
TP3
TP4
IW1
IW2
IW3
IW4
IW5
IS1
IS2
IS3
IS4
MPEW1
MPEW2
MPEW3
MPEW4
EWPZ2S
EWPZ2D
RW1
RW2
RW3
RW3A
RW4
RW5S/5D
RW6
RW7
CDW2
CDW3
CDW4
CDW5
CDW6
CDW9
CDW10
CDW11
CDW12
CDW17
CDW18D
CDW18S
CDW19D
CDW19S
EW1
ERM4
ERM11
EM12D
SW1
SW10
VMW8S
VMW8D
PZ2D
PZ2S
GRAPHIC SCALE
40 0 20 40 80 160
(IN FEET)
1 inch = 40 ft.
(APPROXIMATE)
DRAFTED BY: W.G.S. (N.J.)
CHECKED BY: MC
REVIEWED BY: SS
NORTH
FORMER REMEDIAL SYSTEM MAP
GENERAL CHEMICAL CORPORATION
133-138 LELAND STREET
FRAMINGHAM, MASSACHUSETTS
Groundwater & Environmental Services, Inc.
364 LITTLETON ROAD, SUITE 4, WESTFORD, MA 01886
DATE 9-12-11
FIGURE 5



LEGEND

- PROPERTY BOUNDARY
- FENCE
- UTILITY MANHOLE
- FIRE HYDRANT
- UTILITY POLE
- MONITORING WELL
- PIEZOMETER
- RECOVERY WELL
- INJECTION WELL
- OHU — OVERHEAD UTILITIES
- SS — UNDERGROUND SANITARY SEWER LINE
- G — UNDERGROUND GAS LINE
- (155.23) GROUNDWATER ELEVATION (feet)
- GROUNDWATER CONTOUR

NOTE:

MONITORING WELLS MW-16, MW-18S, MW-19 AND MW-20 WERE NOT INCLUDED BECAUSE THEY HAVE NOT BEEN SURVEYED. MONITORING WELL EW-1 WAS OMITTED DUE TO ANAMOLOUS GAUGING DATA.

NOTES:

LOCATION OF WELLS MW15-MW23 HAVE NOT BEEN SURVEYED AND SHOULD BE CONSIDERED APPROXIMATE.

SOURCE:

MAP IS BASED ON DRAWING FILE FROM FS ENGINEERS DATED JULY 21, 2008.

GRAPHIC SCALE

100 0 50 100 200 400

(IN FEET)
1 inch = 100 ft.
(APPROXIMATE)

DRAFTED BY: W.G.S. (N.J.)	GROUNDWATER CONTOUR MAP AUGUST 23-25, 2011 SHALLOW WELLS
CHECKED BY: MC	GENERAL CHEMICAL CORPORATION 133-138 LELAND STREET FRAMINGHAM, MASSACHUSETTS
REVIEWED BY: SS	Groundwater & Environmental Services, Inc. 364 LITTLETON ROAD, SUITE 4, WESTFORD, MA 01886
NORTH	DATE 9-27-11 / FIGURE 6



LEGEND

- PROPERTY BOUNDARY
- FENCE
- UTILITY MANHOLE
- FIRE HYDRANT
- UTILITY POLE
- MONITORING WELL
- PIEZOMETER
- RECOVERY WELL
- INJECTION WELL

- OHU — OVERHEAD UTILITIES
- SS — UNDERGROUND SANITARY SEWER LINE
- G — UNDERGROUND GAS LINE
- (154.20) GROUNDWATER ELEVATION (feet)
- NOT SAMPLED

NOTES:

LOCATION OF WELLS MW15-MW23 HAVE NOT BEEN SURVEYED AND SHOULD BE CONSIDERED APPROXIMATE.

SOURCE:

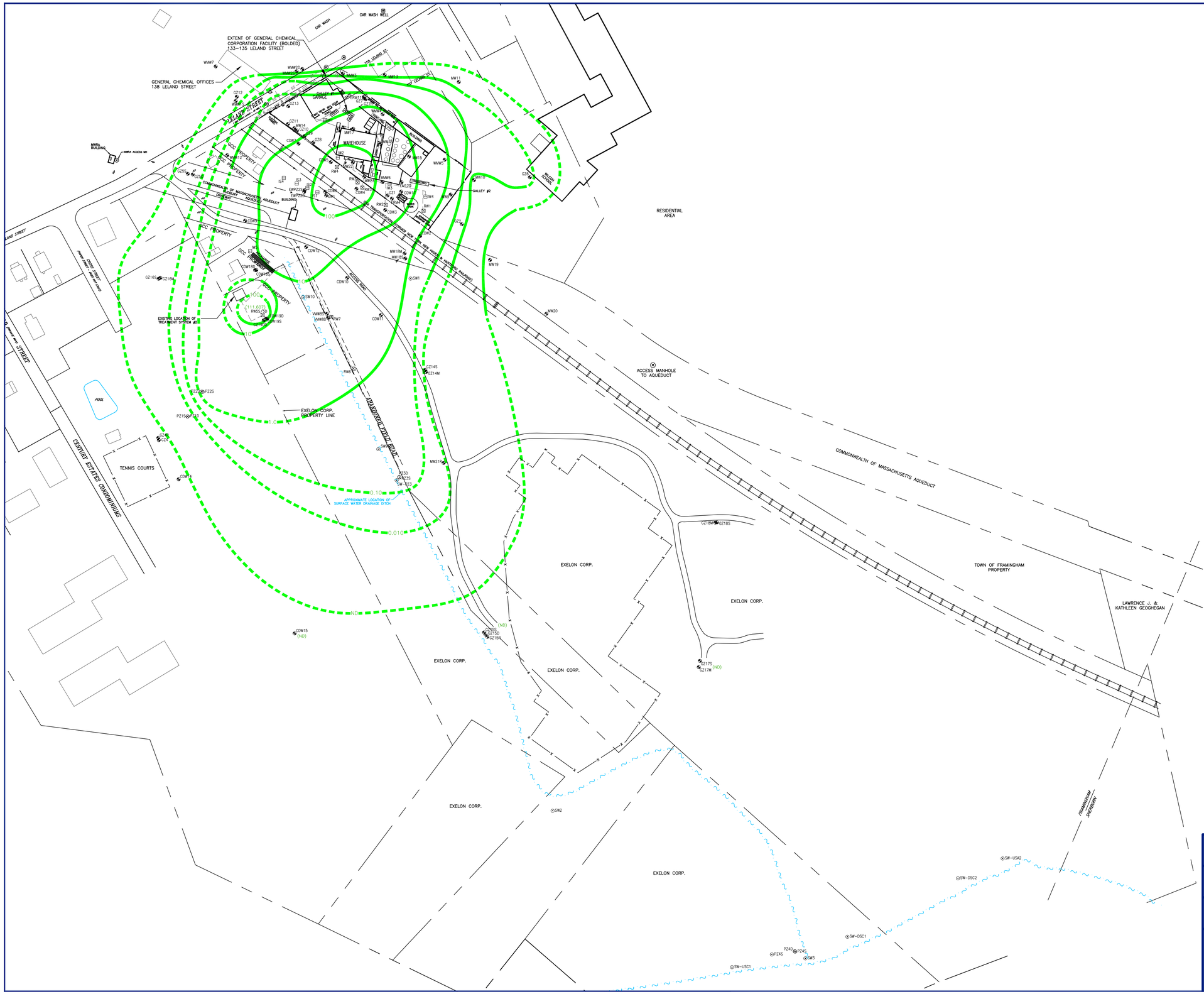
MAP IS BASED ON DRAWING FILE FROM FS ENGINEERS DATED JULY 21, 2008.

GRAPHIC SCALE

100 0 50 100 200 400

(IN FEET)
1 inch = 100 ft.
(APPROXIMATE)

DRAFTED BY: W.G.S. (N.J.)	GROUNDWATER CONTOUR MAP AUGUST 23-25, 2011 DEEP WELLS
CHECKED BY: MC	GENERAL CHEMICAL CORPORATION 133-138 LELAND STREET FRAMINGHAM, MASSACHUSETTS
REVIEWED BY: SS	Groundwater & Environmental Services, Inc. 364 LITTLETON ROAD, SUITE 4, WESTFORD, MA 01886
NORTH	DATE 9-23-11 / FIGURE 7



LEGEND

- PROPERTY BOUNDARY
- FENCE
- UTILITY MANHOLE
- FIRE HYDRANT
- UTILITY POLE
- MONITORING WELL
- PIEZOMETER
- RECOVERY WELL
- INJECTION WELL

- OHU — OVERHEAD UTILITIES
- SS — UNDERGROUND SANITARY SEWER LINE
- G — UNDERGROUND GAS LINE
- (9.044) TOTAL VOC CONCENTRATION (ug/L)
- TOTAL VOC ISOCONTOUR
- VOC VOLATILE ORGANIC COMPOUNDS
- ug/L MICROGRAMS PER LITER

NOTE:

BASED ON DATA OBTAINED DURING JULY 2011 THROUGH SEPTEMBER 2011 SAMPLING EVENTS.

NOTES:

LOCATION OF WELLS MW15-MW23 HAVE NOT BEEN SURVEYED AND SHOULD BE CONSIDERED APPROXIMATE.

SOURCE:

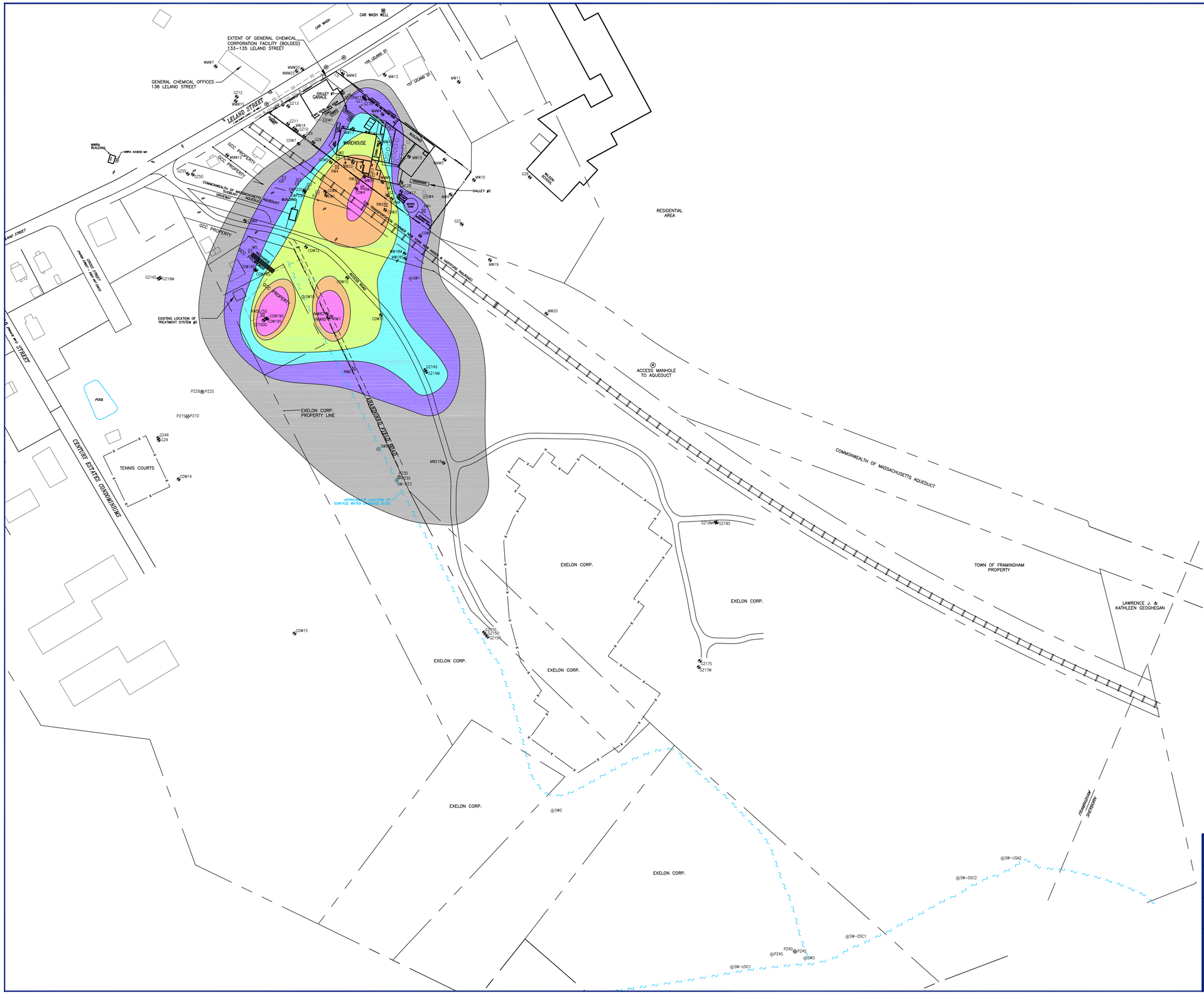
MAP IS BASED ON DRAWING FILE FROM FS ENGINEERS DATED JULY 21, 2008.

GRAPHIC SCALE

100 0 50 100 200 400

(IN FEET)
1 inch = 100 ft.
(APPROXIMATE)

DRAFTED BY: W.G.S. (N.J.)	TOTAL VOC ISOCONTOURS SHALLOW GROUNDWATER JULY/SEPTEMBER 2011
CHECKED BY: MC	GENERAL CHEMICAL CORPORATION 133-138 LELAND STREET FRAMINGHAM, MASSACHUSETTS
REVIEWED BY: SS	Groundwater & Environmental Services, Inc. 364 LITTLETON ROAD, SUITE 4, WESTFORD, MA 01886
NORTH	DATE 9-27-11 / FIGURE 8



LEGEND

- PROPERTY BOUNDARY
- FENCE
- UTILITY MANHOLE
- FIRE HYDRANT
- UTILITY POLE
- MONITORING WELL
- PIEZOMETER
- RECOVERY WELL
- INJECTION WELL

- OHU — OVERHEAD UTILITIES
- SS — UNDERGROUND SANITARY SEWER LINE
- G — UNDERGROUND GAS LINE
- VOC CONCENTRATION >0.1 (mg/L)
- VOC CONCENTRATION >1 (mg/L)
- VOC CONCENTRATION >5 (mg/L)
- VOC CONCENTRATION >10 (mg/L)
- VOC CONCENTRATION >50 (mg/L)
- VOC CONCENTRATION >100 (mg/L)

NOTES:

LOCATION OF WELLS MW15-MW23 HAVE NOT BEEN SURVEYED AND SHOULD BE CONSIDERED APPROXIMATE.

CONCEPTUAL CONTOURS ARE BASED ON MULTIPLE SITE WELLS OVER RECENT SAMPLING EVENTS.

SOURCE:

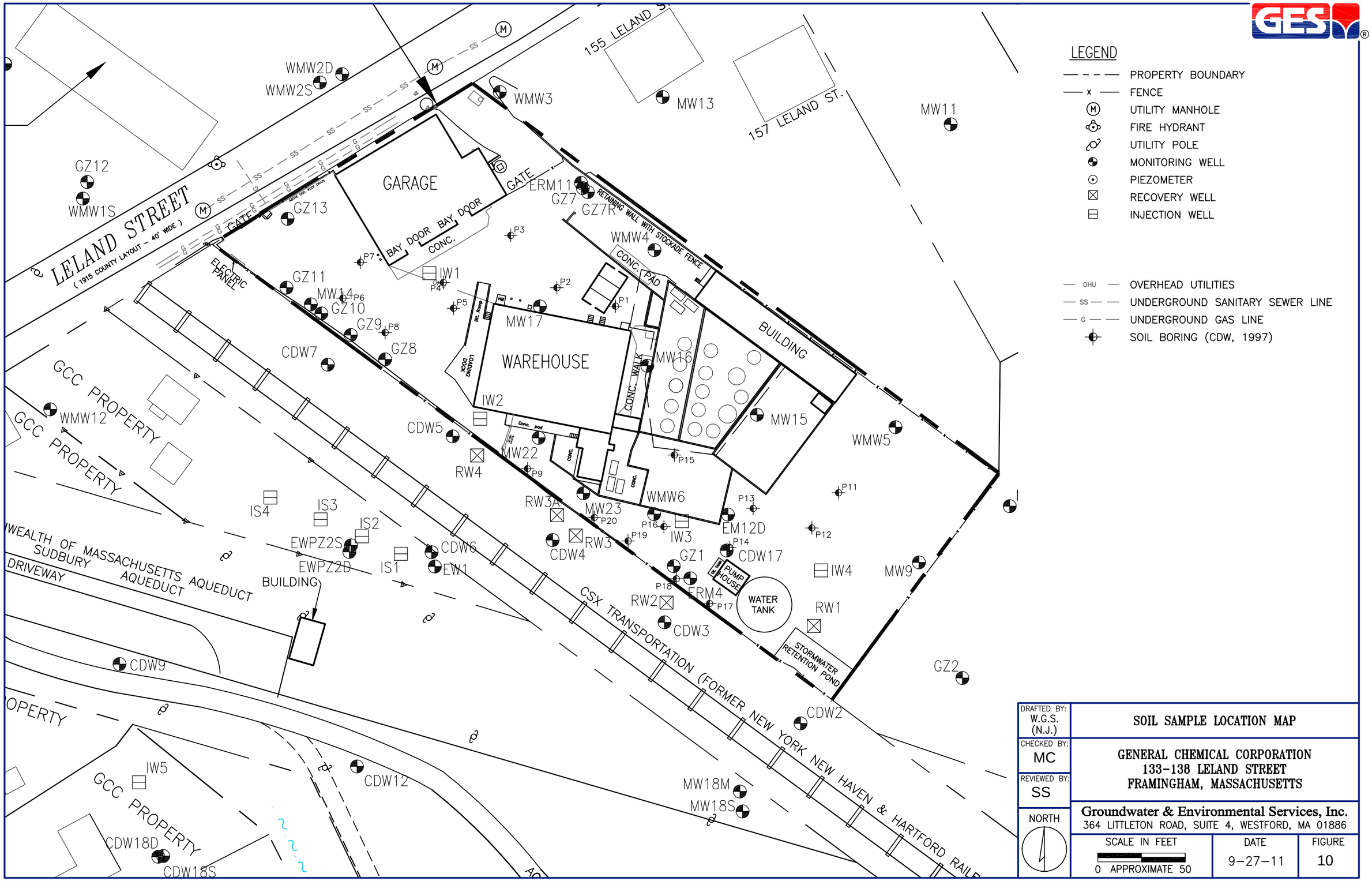
MAP IS BASED ON DRAWING FILE FROM FS ENGINEERS DATED JULY 21, 2008.

GRAPHIC SCALE

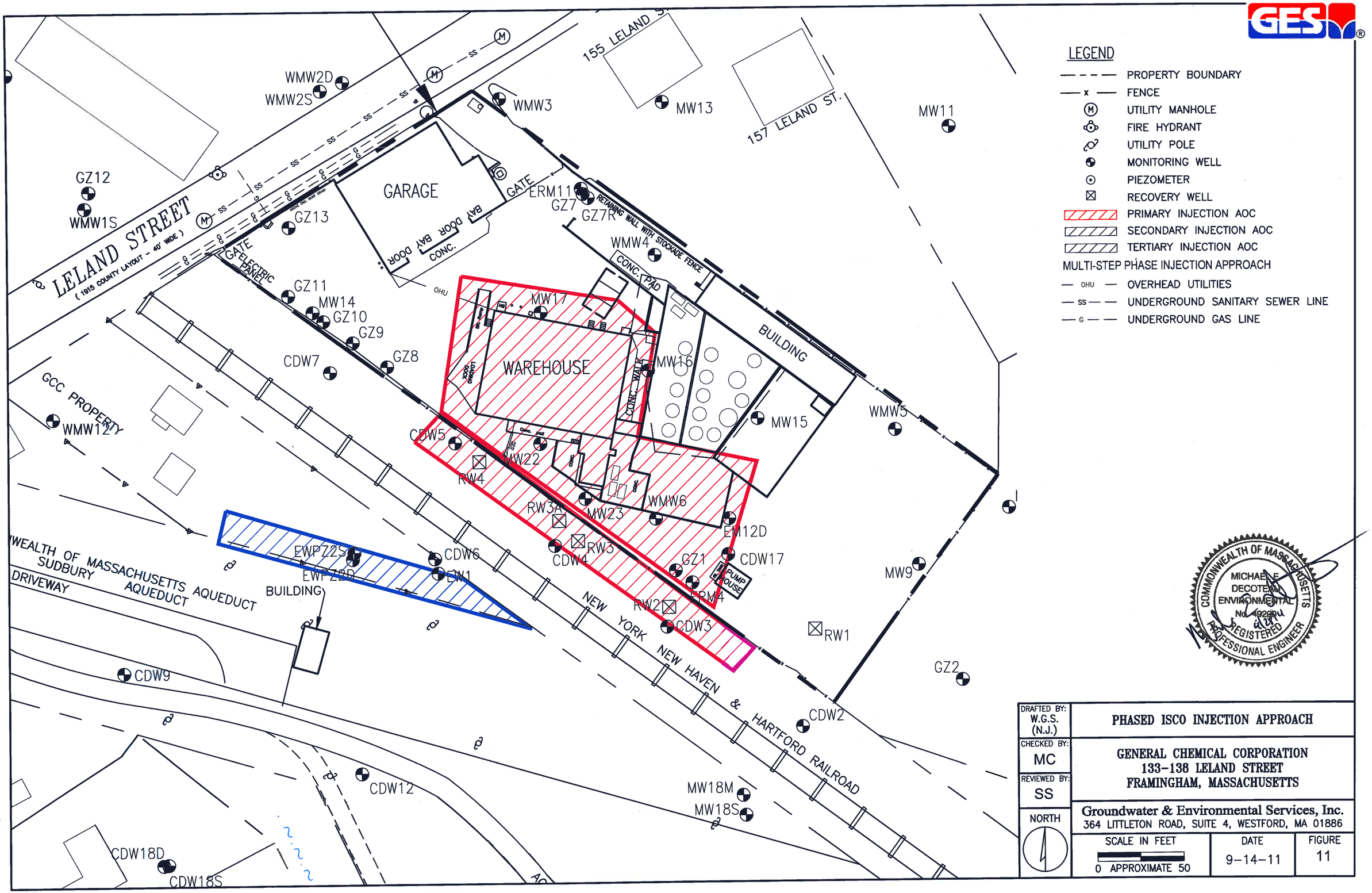
100 0 50 100 200 400

(IN FEET)
1 inch = 100 ft.
(APPROXIMATE)

DRAFTED BY: W.G.S. (N.J.)	CONCEPTUAL PRESENTATION OF TOTAL VOCS DEEPER OVERBURDEN
CHECKED BY: MC	GENERAL CHEMICAL CORPORATION 133-138 LELAND STREET FRAMINGHAM, MASSACHUSETTS
REVIEWED BY: SS	Groundwater & Environmental Services, Inc. 364 LITTLETON ROAD, SUITE 4, WESTFORD, MA 01886
NORTH	DATE 9-27-11 / FIGURE 9



DRAFTED BY: W.G.S. (N.J.)	SOIL SAMPLE LOCATION MAP
CHECKED BY: MC	GENERAL CHEMICAL CORPORATION 133-138 LELAND STREET FRAMINGHAM, MASSACHUSETTS
REVIEWED BY: SS	Groundwater & Environmental Services, Inc. 364 LITTLETON ROAD, SUITE 4, WESTFORD, MA 01886
NORTH	SCALE IN FEET: 0 APPROXIMATE 50 / DATE: 9-27-11 / FIGURE: 10



LEGEND

- PROPERTY BOUNDARY
- FENCE
- UTILITY MANHOLE
- FIRE HYDRANT
- UTILITY POLE
- MONITORING WELL
- PIEZOMETER
- RECOVERY WELL
- PRIMARY INJECTION AOC
- SECONDARY INJECTION AOC
- TERTIARY INJECTION AOC

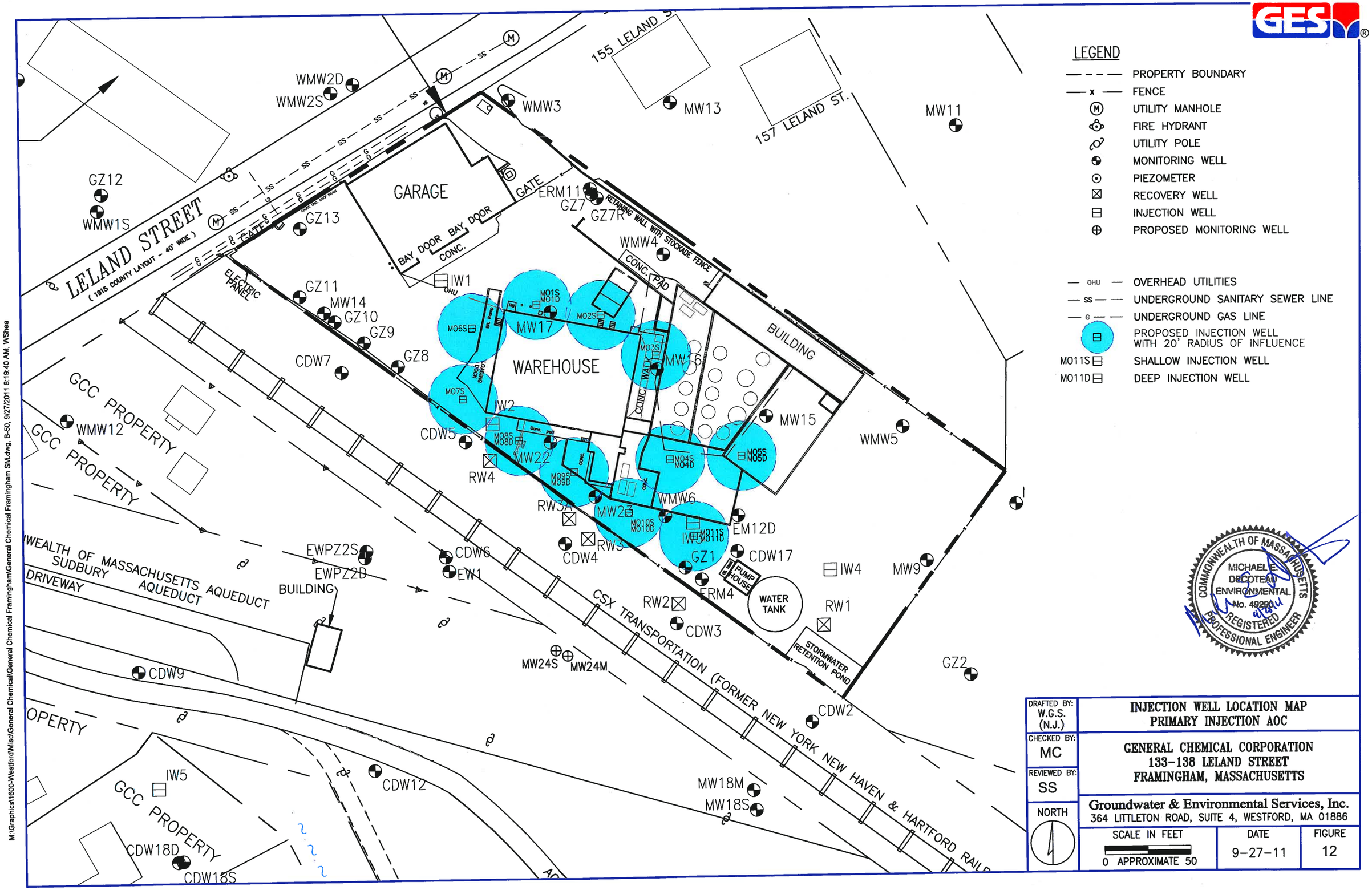
MULTI-STEP PHASE INJECTION APPROACH

- OHU — OVERHEAD UTILITIES
- SS — UNDERGROUND SANITARY SEWER LINE
- G — UNDERGROUND GAS LINE

COMMONWEALTH OF MASSACHUSETTS
MICHAEL E. DECOTEAU
ENVIRONMENTAL
No. 19290
REGISTERED
PROFESSIONAL ENGINEER

DRAFTED BY: W.G.S. (N.J.)	PHASED ISCO INJECTION APPROACH
CHECKED BY: MC	GENERAL CHEMICAL CORPORATION 133-138 LELAND STREET FRAMINGHAM, MASSACHUSETTS
REVIEWED BY: SS	Groundwater & Environmental Services, Inc. 364 LITTLETON ROAD, SUITE 4, WESTFORD, MA 01886
NORTH	SCALE IN FEET: 0 APPROXIMATE 50 / DATE: 9-14-11 / FIGURE: 11

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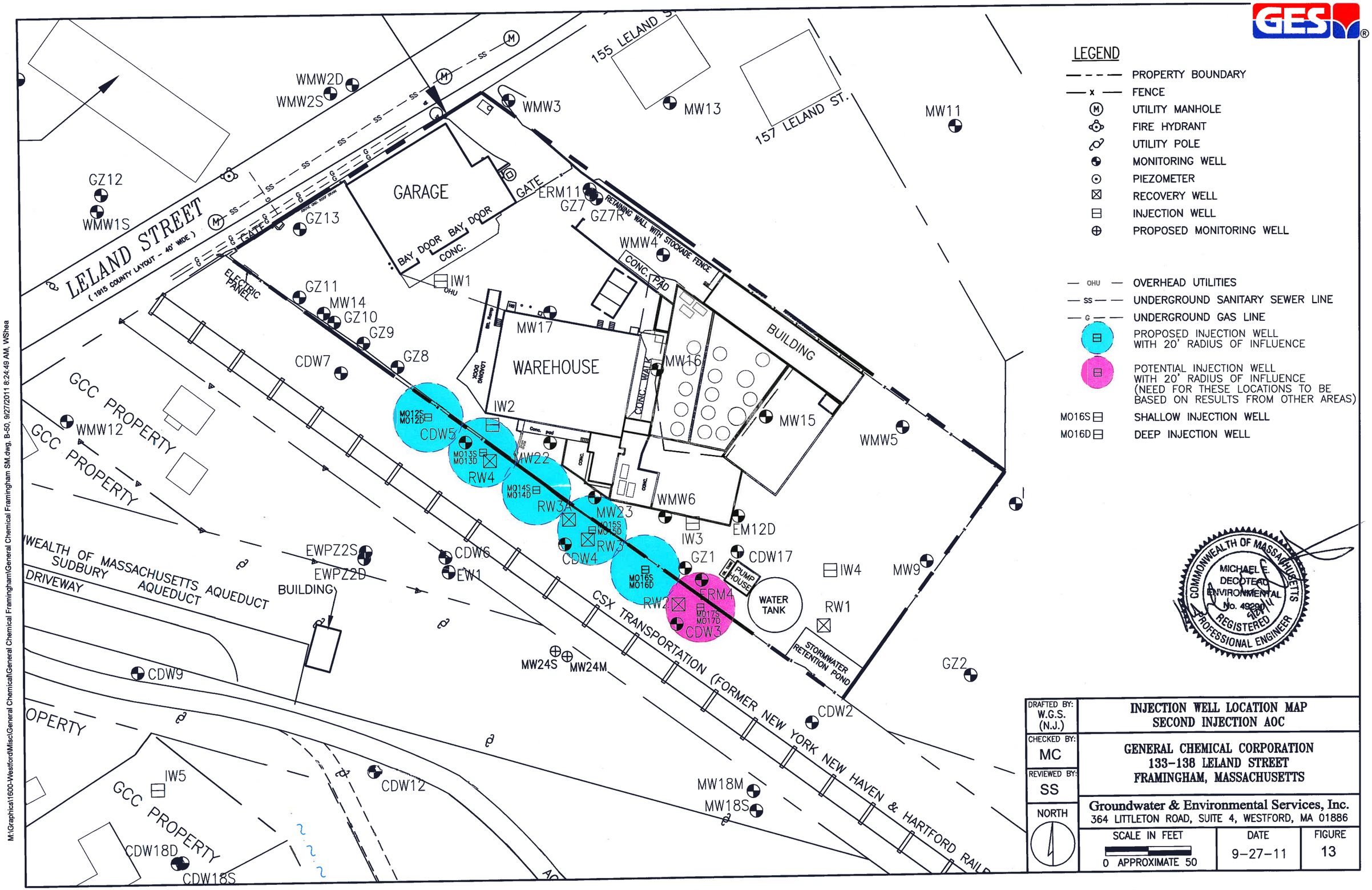
LEGEND

- PROPERTY BOUNDARY
- FENCE
- UTILITY MANHOLE
- FIRE HYDRANT
- UTILITY POLE
- MONITORING WELL
- PIEZOMETER
- RECOVERY WELL
- INJECTION WELL
- PROPOSED MONITORING WELL
- OVERHEAD UTILITIES
- UNDERGROUND SANITARY SEWER LINE
- UNDERGROUND GAS LINE
- PROPOSED INJECTION WELL WITH 20' RADIUS OF influence
- MO11S SHALLOW INJECTION WELL
- MO11D DEEP INJECTION WELL

COMMONWEALTH OF MASSACHUSETTS
MICHAEL E. DECOTEAU
ENVIRONMENTAL
No. 49290
REGISTERED
PROFESSIONAL ENGINEER

DRAFTED BY: W.G.S. (N.J.)	**INJECTION WELL LOCATION MAP PRIMARY INJECTION AOC**
CHECKED BY: MC	**GENERAL CHEMICAL CORPORATION 133-138 LELAND STREET FRAMINGHAM, MASSACHUSETTS**
REVIEWED BY: SS	**Groundwater & Environmental Services, Inc.** 364 LITTLETON ROAD, SUITE 4, WESTFORD, MA 01886
NORTH	SCALE IN FEET: 0 APPROXIMATE 50 / DATE: 9-27-11 / FIGURE: 12

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LEGEND

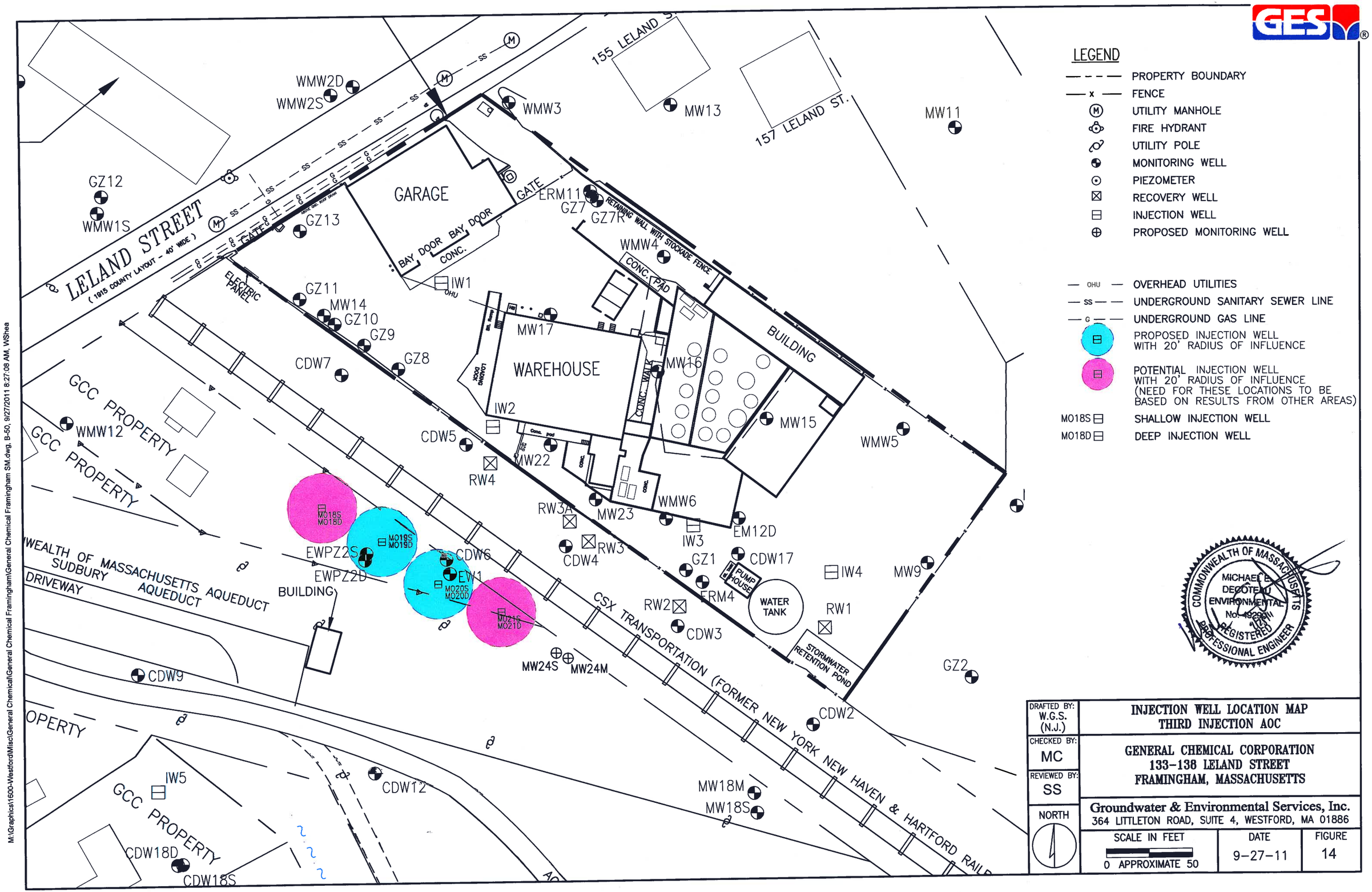
- PROPERTY BOUNDARY
- FENCE
- UTILITY MANHOLE
- FIRE HYDRANT
- UTILITY POLE
- MONITORING WELL
- PIEZOMETER
- RECOVERY WELL
- INJECTION WELL
- PROPOSED MONITORING WELL

- OHU — OVERHEAD UTILITIES
- SS — UNDERGROUND SANITARY SEWER LINE
- G — UNDERGROUND GAS LINE
- PROPOSED INJECTION WELL WITH 20' RADIUS OF INFLUENCE
- POTENTIAL INJECTION WELL WITH 20' RADIUS OF INFLUENCE (NEED FOR THESE LOCATIONS TO BE BASED ON RESULTS FROM OTHER AREAS)
- M016S — SHALLOW INJECTION WELL
- M016D — DEEP INJECTION WELL

COMMONWEALTH OF MASSACHUSETTS
MICHAEL E. DECOTEAU
ENVIRONMENTAL
No. 49291
REGISTERED
PROFESSIONAL ENGINEER

DRAFTED BY: W.G.S. (N.J.)	INJECTION WELL LOCATION MAP SECOND INJECTION AOC
CHECKED BY: MC	GENERAL CHEMICAL CORPORATION 133-138 LELAND STREET FRAMINGHAM, MASSACHUSETTS
REVIEWED BY: SS	Groundwater & Environmental Services, Inc. 364 LITTLETON ROAD, SUITE 4, WESTFORD, MA 01886
NORTH	SCALE IN FEET: 0 APPROXIMATE 50 / DATE: 9-27-11 / FIGURE: 13

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LEGEND

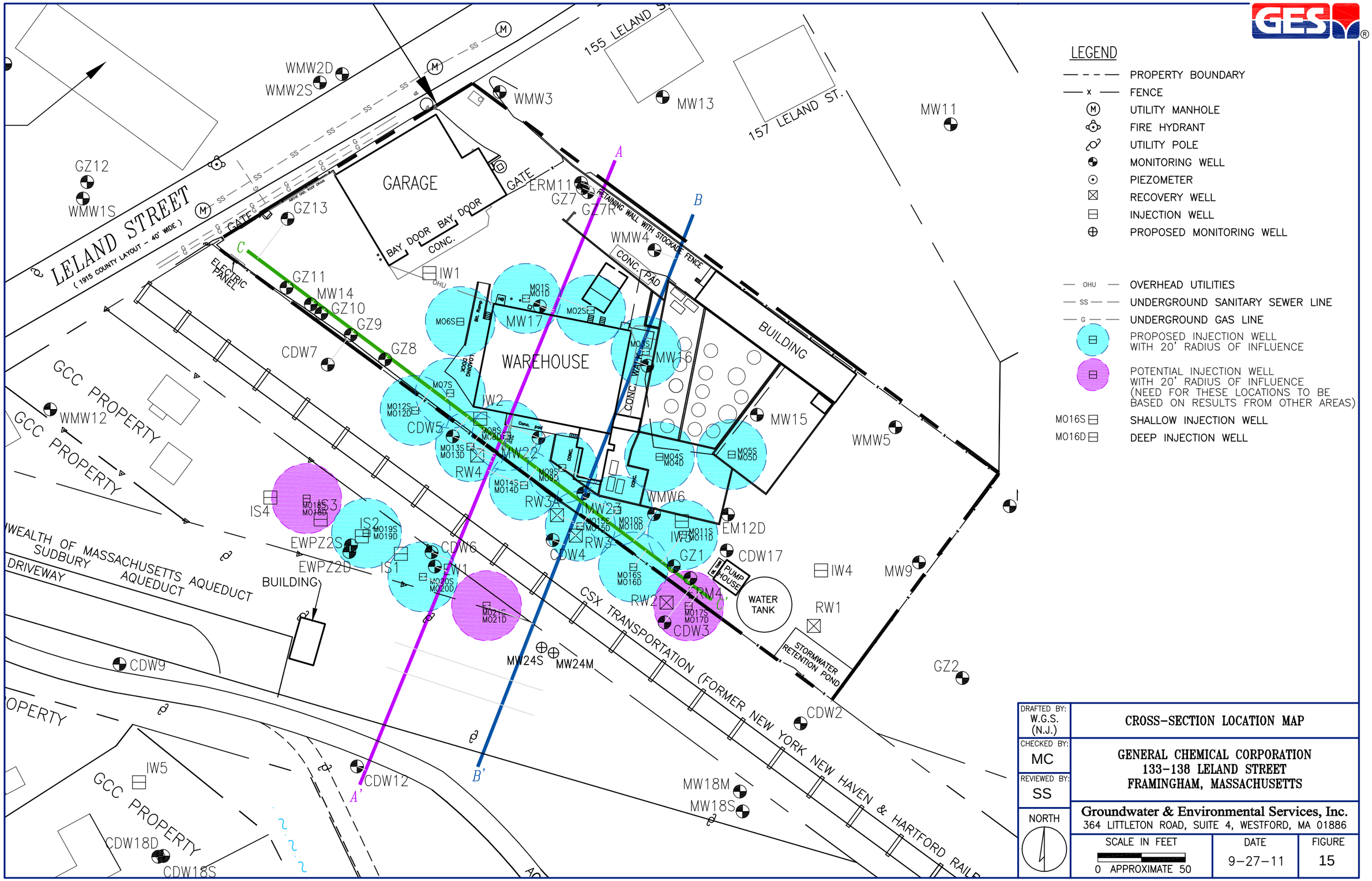
- PROPERTY BOUNDARY
- FENCE
- UTILITY MANHOLE
- FIRE HYDRANT
- UTILITY POLE
- MONITORING WELL
- PIEZOMETER
- RECOVERY WELL
- INJECTION WELL
- PROPOSED MONITORING WELL

- OHU — OVERHEAD UTILITIES
- SS — UNDERGROUND SANITARY SEWER LINE
- G — UNDERGROUND GAS LINE
- PROPOSED INJECTION WELL WITH 20' RADIUS OF INFLUENCE
- POTENTIAL INJECTION WELL WITH 20' RADIUS OF INFLUENCE (NEED FOR THESE LOCATIONS TO BE BASED ON RESULTS FROM OTHER AREAS)
- MO18S — SHALLOW INJECTION WELL
- MO18D — DEEP INJECTION WELL

COMMONWEALTH OF MASSACHUSETTS
MICHAEL C. DEGOTEAU
ENVIRONMENTAL
No. 19290
REGISTERED
PROFESSIONAL ENGINEER

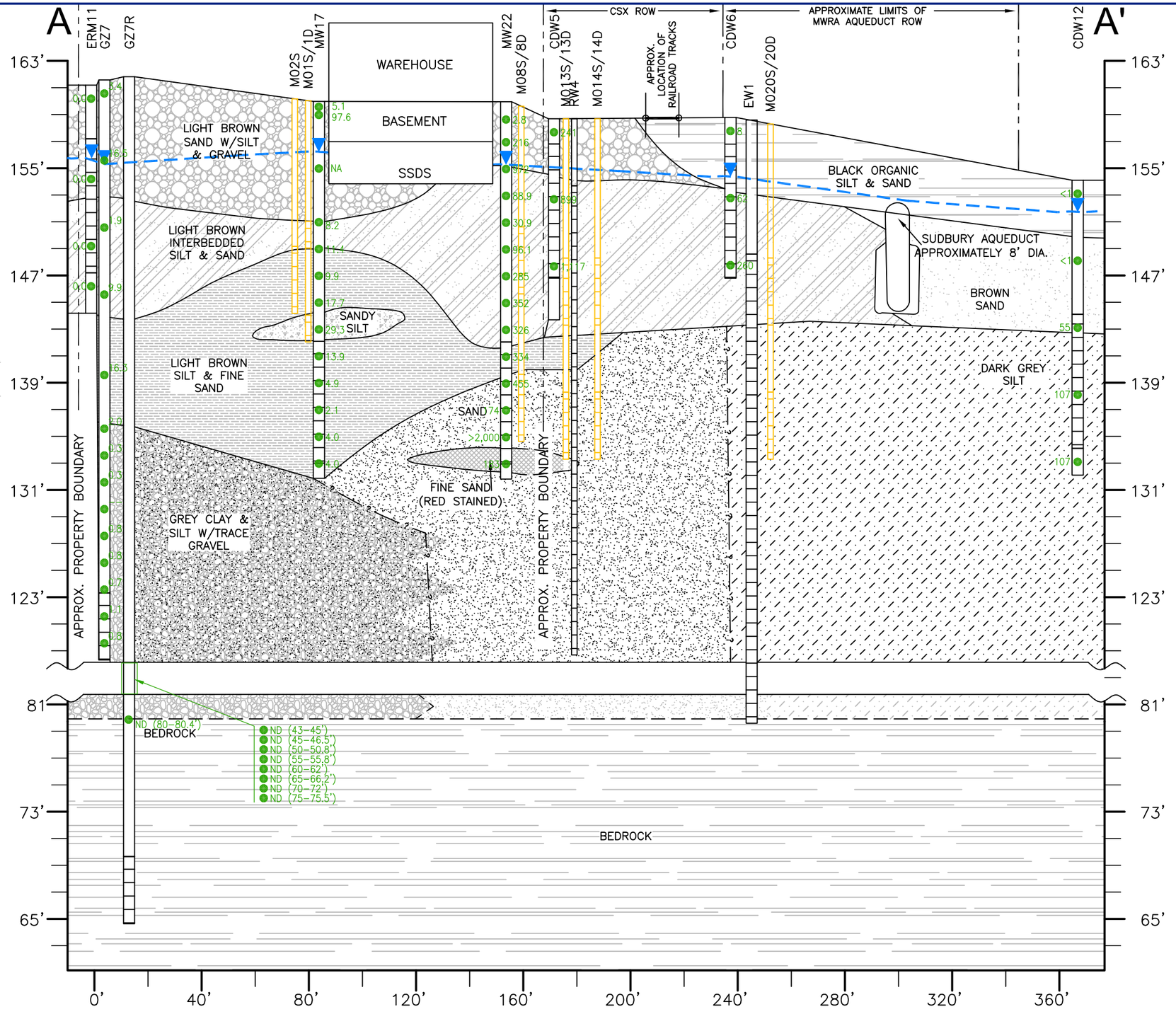
DRAFTED BY: W.G.S. (N.J.)	INJECTION WELL LOCATION MAP THIRD INJECTION AOC
CHECKED BY: MC	GENERAL CHEMICAL CORPORATION 133-138 LELAND STREET FRAMINGHAM, MASSACHUSETTS
REVIEWED BY: SS	Groundwater & Environmental Services, Inc. 364 LITTLETON ROAD, SUITE 4, WESTFORD, MA 01886
NORTH	SCALE IN FEET: 0 APPROXIMATE 50 / DATE: 9-27-11 / FIGURE: 14

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DRAFTED BY: W.G.S. (N.J.)	CROSS-SECTION LOCATION MAP
CHECKED BY: MC	GENERAL CHEMICAL CORPORATION 133-138 LELAND STREET FRAMINGHAM, MASSACHUSETTS
REVIEWED BY: SS	Groundwater & Environmental Services, Inc. 364 LITTLETON ROAD, SUITE 4, WESTFORD, MA 01886
NORTH	SCALE IN FEET: 0 APPROXIMATE 50 / DATE: 9-27-11 / FIGURE: 15

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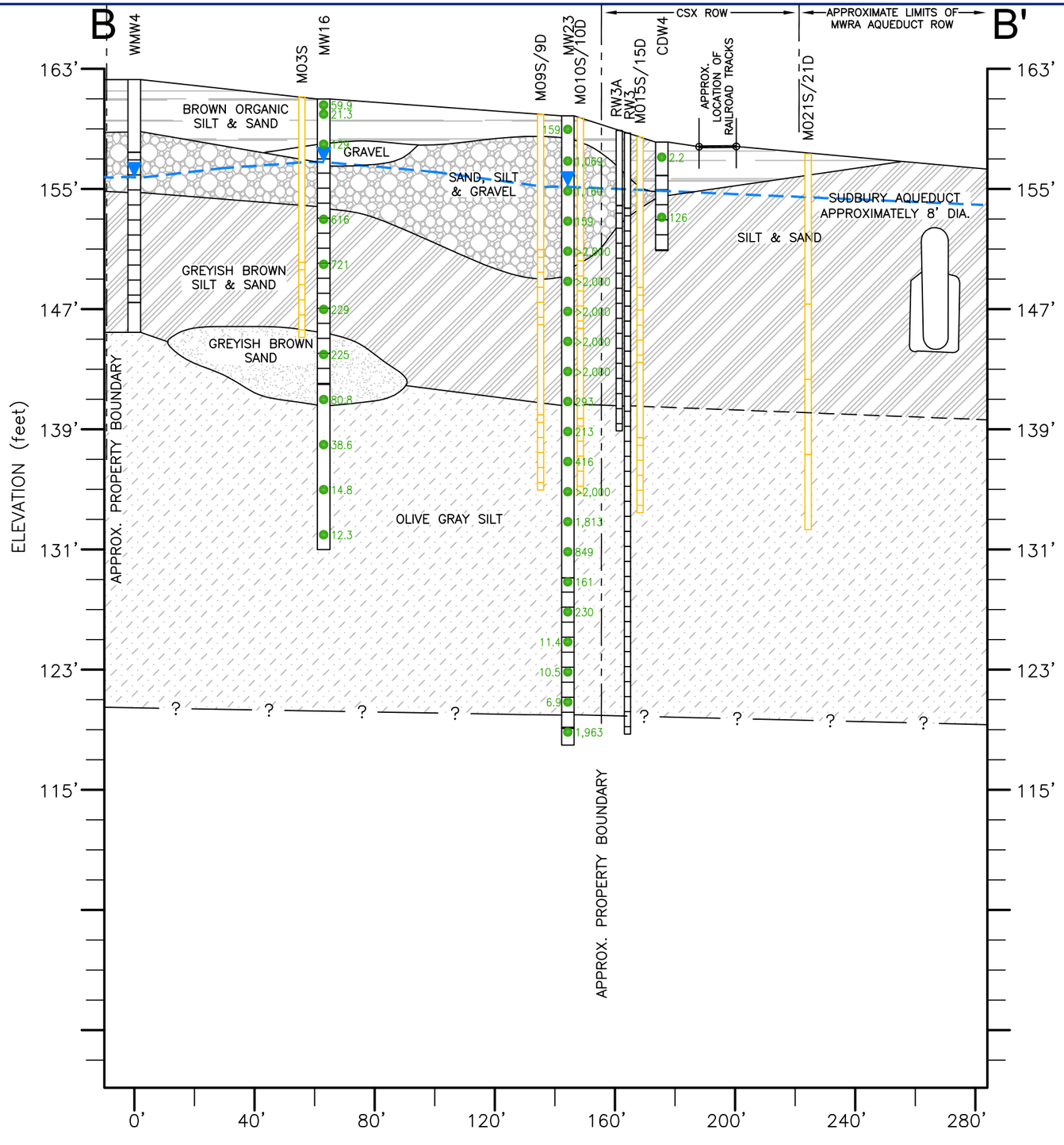


LEGEND

- RISER
- SCREENED INTERVAL
- BORE HOLE
- GROUND WATER LEVEL (AUGUST 25, 2011)
- 107 PID READING (ppmv)
- PID PHOTOIONIZATION DETECTOR
- ppmv PARTS PER MILLION BY VOLUME
- GEOLOGIC CONTACT
- INFERRED GEOLOGIC CONTACT
- ? EXTRAPOLATED GEOLOGIC CONTACT
- PROPOSED ISCO WELLS

DRAFTED BY: W.G.S. (N.J.)	CROSS-SECTION A-A'
CHECKED BY: MC	GENERAL CHEMICAL CORPORATION 133-138 LELAND STREET FRAMINGHAM, MASSACHUSETTS
REVIEWED BY: SS	Groundwater & Environmental Services, Inc. 364 LITTLETON ROAD, SUITE 4, WESTFORD, MA 01886
	SCALE IN FEET: HORIZONTAL 1" = 40', VERTICAL 1" = 8'
	DATE: 9-27-11
	FIGURE: 16

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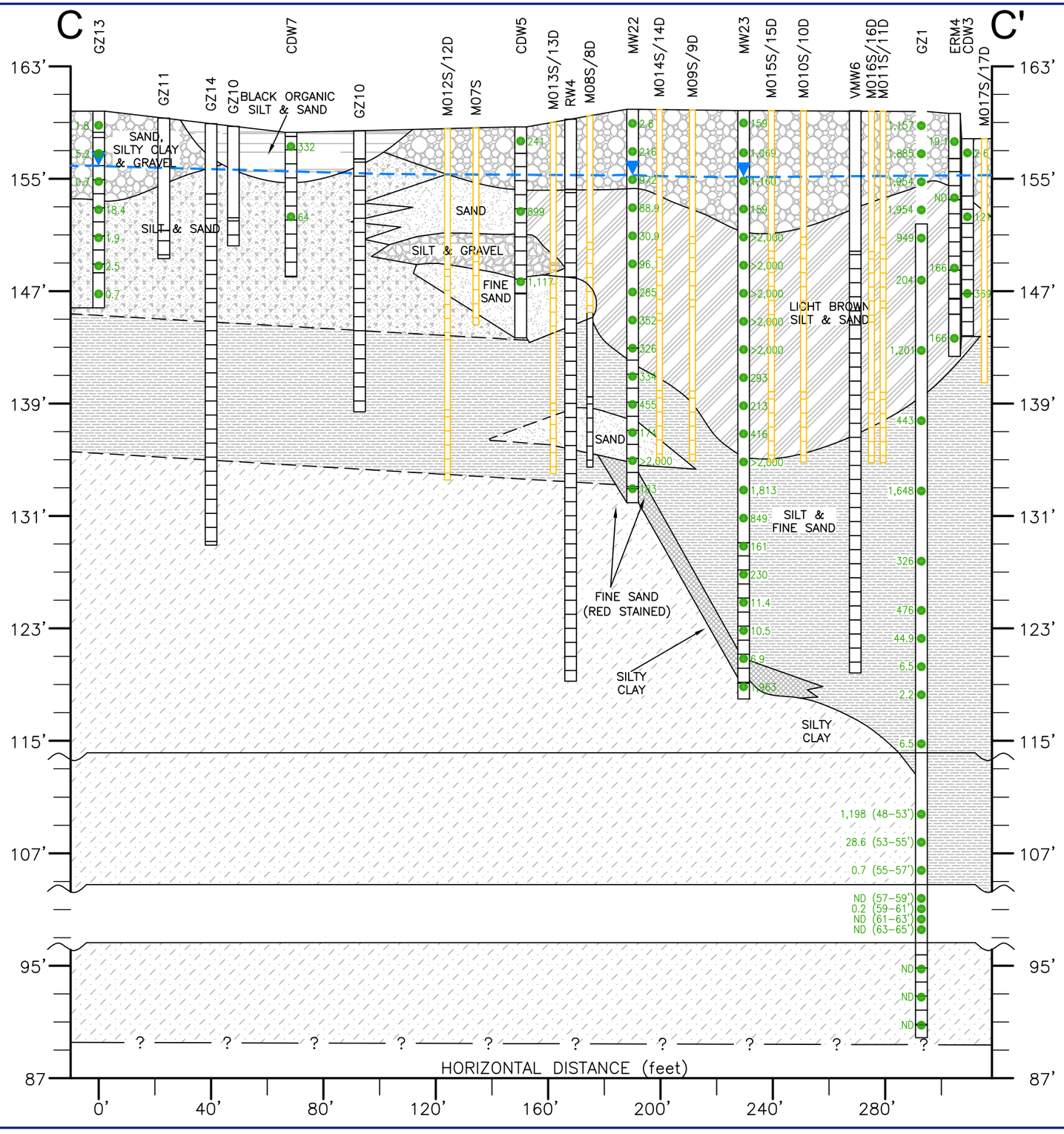


LEGEND

- RISER
- SCREENED INTERVAL
- BORE HOLE
- GROUND WATER LEVEL (AUGUST 25, 2011)
- 107 PID READING (ppmv)
- PID PHOTOIONIZATION DETECTOR
- ppmv PARTS PER MILLION BY VOLUME
- GEOLOGIC CONTACT
- INFERRED GEOLOGIC CONTACT
- ? EXTRAPOLATED GEOLOGIC CONTACT
- PROPOSED ISCO WELLS

DRAFTED BY: W.G.S. (N.J.)	CROSS-SECTION B-B'
CHECKED BY: MC	GENERAL CHEMICAL CORPORATION 133-138 LELAND STREET FRAMINGHAM, MASSACHUSETTS
REVIEWED BY: SS	Groundwater & Environmental Services, Inc. 364 LITTLETON ROAD, SUITE 4, WESTFORD, MA 01886
	SCALE IN FEET: HORIZONTAL 1" = 40', VERTICAL 1" = 8' / DATE: 9-27-11 / FIGURE: 17

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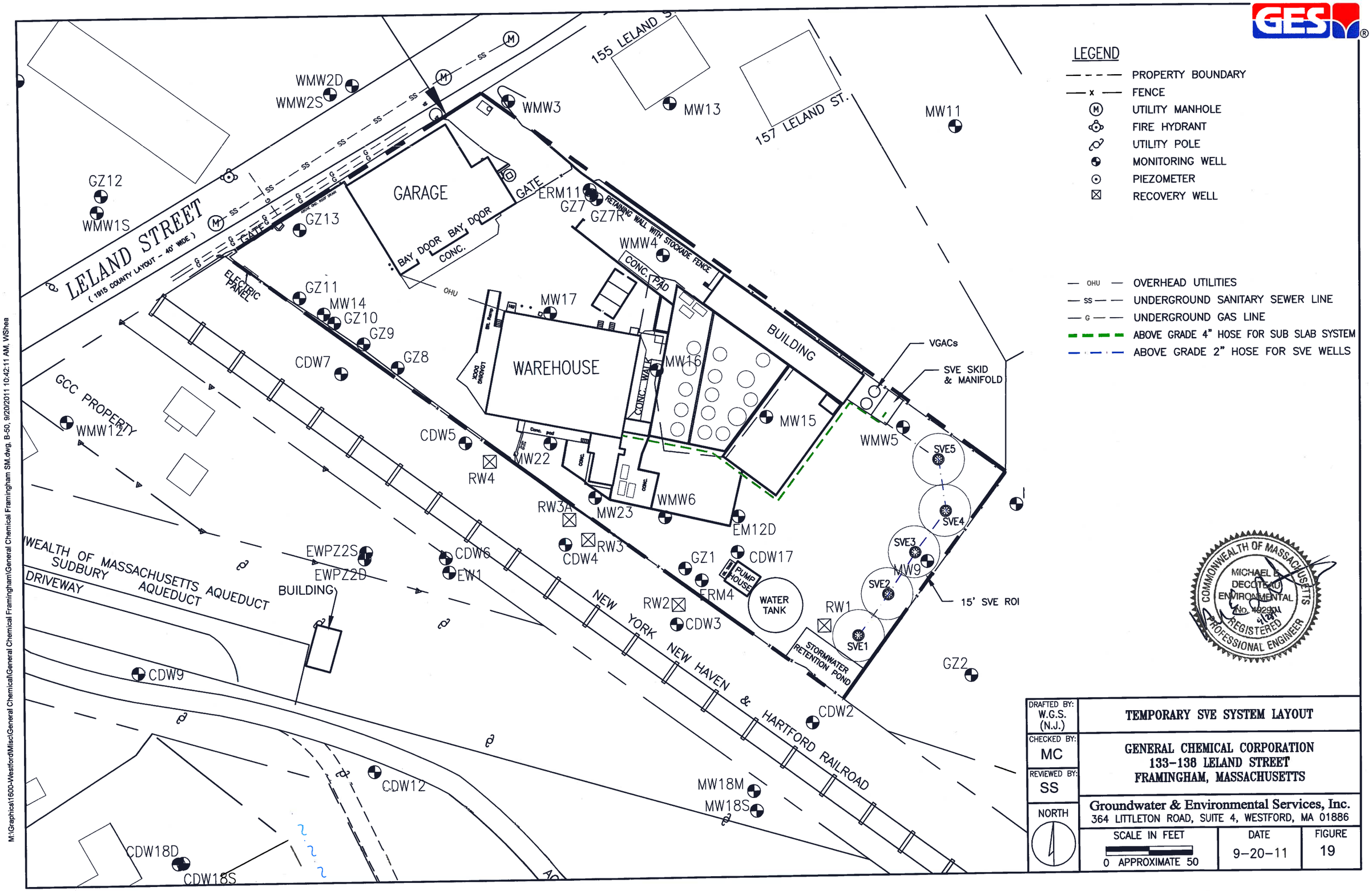


LEGEND

- RISER
- SCREENED INTERVAL
- BORE HOLE
- GROUND WATER LEVEL (AUGUST 25, 2011)
- 107 PID READING (ppmv)
- PID PHOTOIONIZATION DETECTOR
- ppmv PARTS PER MILLION BY VOLUME
- GEOLOGIC CONTACT
- INFERRED GEOLOGIC CONTACT
- ? EXTRAPOLATED GEOLOGIC CONTACT
- PROPOSED ISCO WELLS

DRAFTED BY: W.G.S. (N.J.)	CROSS-SECTION C-C'
CHECKED BY: MC	GENERAL CHEMICAL CORPORATION 133-138 LELAND STREET FRAMINGHAM, MASSACHUSETTS
REVIEWED BY: SS	Groundwater & Environmental Services, Inc. 364 LITTLETON ROAD, SUITE 4, WESTFORD, MA 01886
	SCALE IN FEET: HORIZONTAL 1" = 40', VERTICAL 1" = 8' / DATE: 9-27-11 / FIGURE: 18

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LEGEND

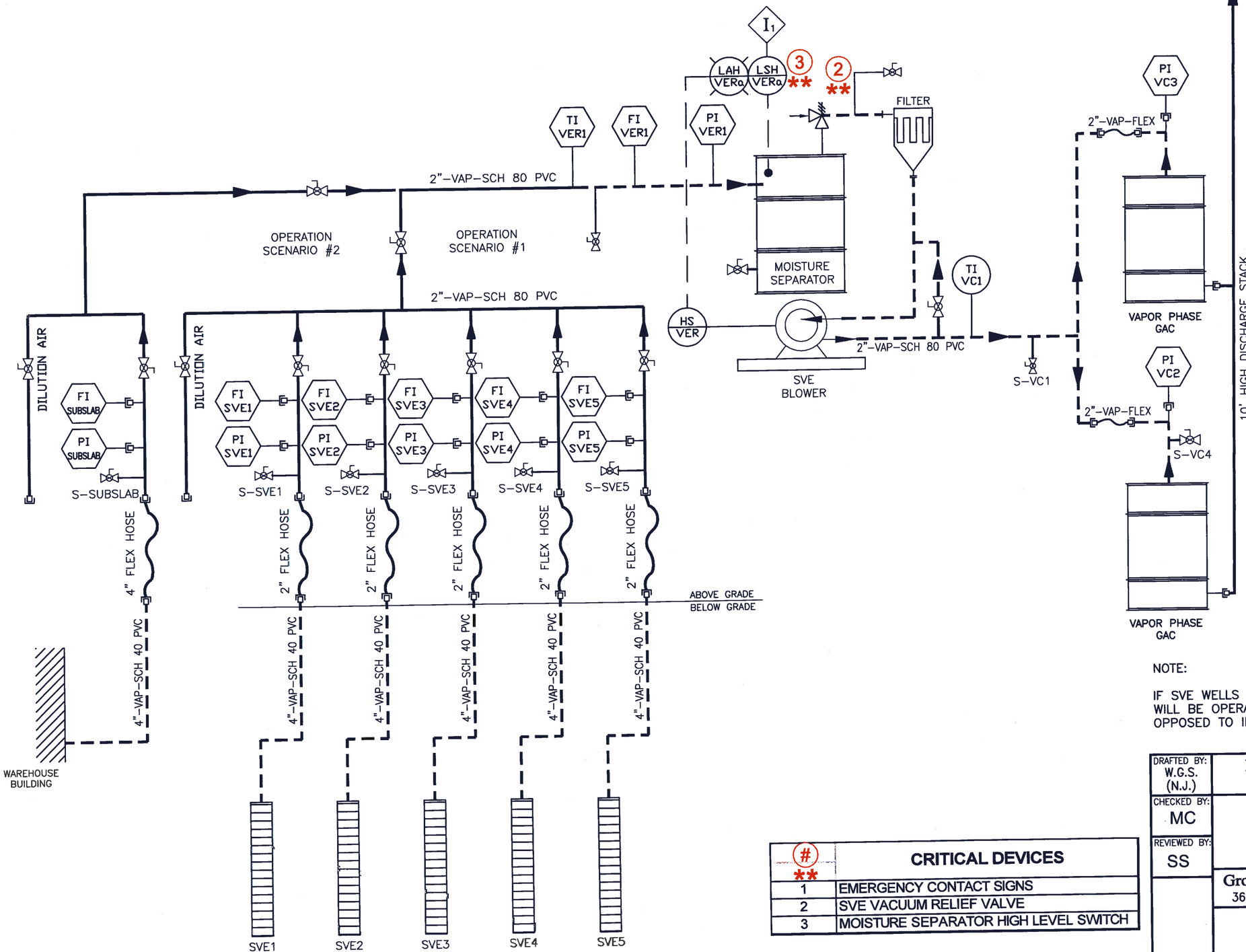
- PROPERTY BOUNDARY
- FENCE
- UTILITY MANHOLE
- FIRE HYDRANT
- UTILITY POLE
- MONITORING WELL
- PIEZOMETER
- RECOVERY WELL

- OHU — OVERHEAD UTILITIES
- SS — UNDERGROUND SANITARY SEWER LINE
- G — UNDERGROUND GAS LINE
- ABOVE GRADE 4" HOSE FOR SUB SLAB SYSTEM
- ABOVE GRADE 2" HOSE FOR SVE WELLS

COMMONWEALTH OF MASSACHUSETTS
MICHAEL S. DECOTEAU
ENVIRONMENTAL
No. 40294
REGISTERED
PROFESSIONAL ENGINEER

DRAFTED BY: W.G.S. (N.J.)	TEMPORARY SVE SYSTEM LAYOUT
CHECKED BY: MC	GENERAL CHEMICAL CORPORATION 133-138 LELAND STREET FRAMINGHAM, MASSACHUSETTS
REVIEWED BY: SS	Groundwater & Environmental Services, Inc. 364 LITTLETON ROAD, SUITE 4, WESTFORD, MA 01886
NORTH	SCALE IN FEET: 0 APPROXIMATE 50 / DATE: 9-20-11 / FIGURE: 19

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# **	CRITICAL DEVICES
1	EMERGENCY CONTACT SIGNS
2	SVE VACUUM RELIEF VALVE
3	MOISTURE SEPARATOR HIGH LEVEL SWITCH

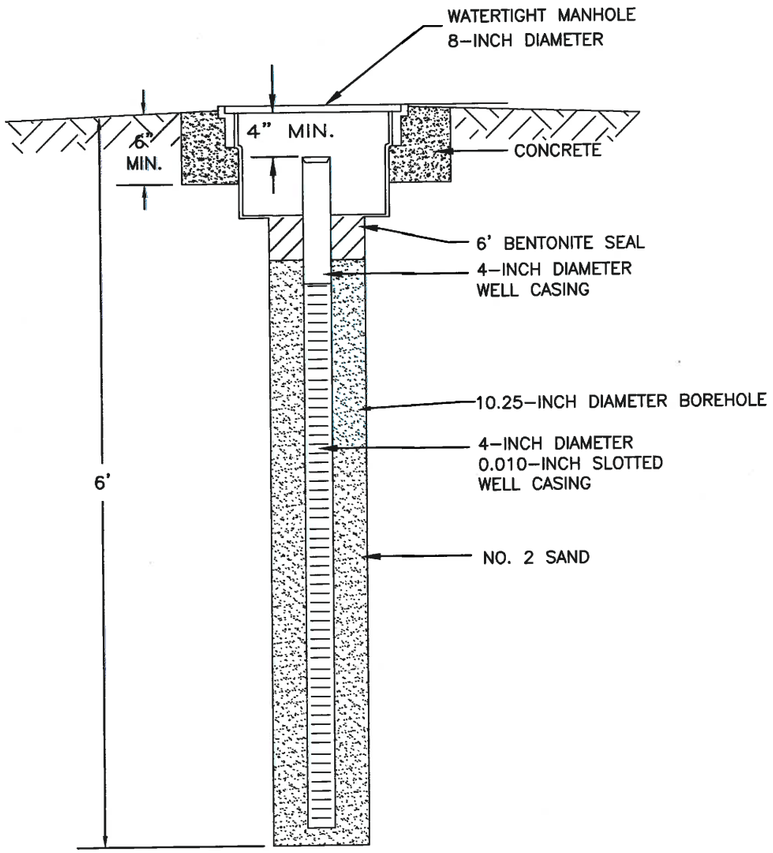
NOTE:

IF SVE WELLS ARE IN OPERATION, VAPOR PHASE VESSELS WILL BE OPERATED WITH TWO UNITS IN PARALLEL AS OPPOSED TO IN SERIES FOR THE SUB SLAB.

COMMONWEALTH OF MASSACHUSETTS
MICHAEL E. DECOTEAU
ENVIRONMENTAL
No. 49220
REGISTERED
PROFESSIONAL ENGINEER

DRAFTED BY: W.G.S. (N.J.)	PROCESS & INSTRUMENTATION DIAGRAM TEMPORARY SVE SKID SYSTEM
CHECKED BY: MC	GENERAL CHEMICAL CORPORATION 133-138 LELAND STREET FRAMINGHAM, MASSACHUSETTS
REVIEWED BY: SS	Groundwater & Environmental Services, Inc. 364 LITTLETON ROAD SUITE 4 WESTFORD, MA 01886
	NOT TO SCALE / DATE 9-27-11 / FIGURE 20

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TYPICAL SOIL VAPOR EXTRACTION WELL DETAIL

(NOT TO SCALE)

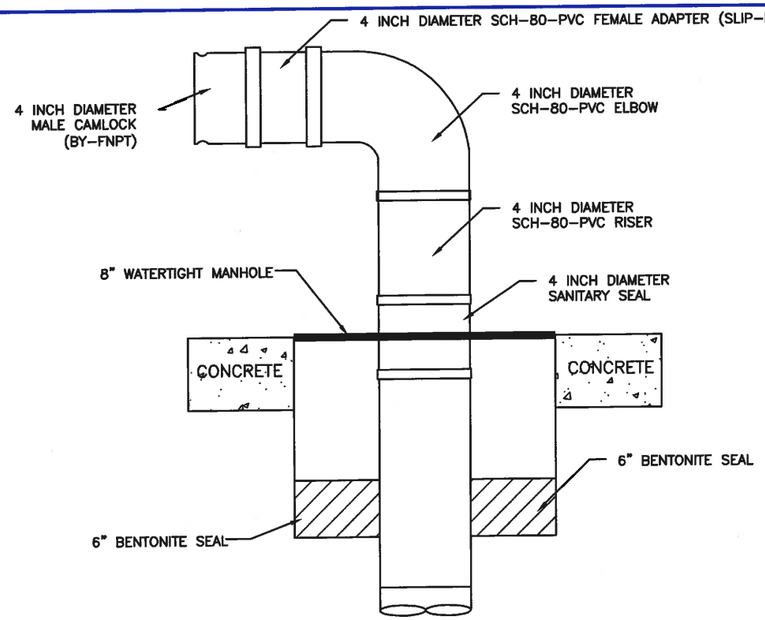
TYPICAL OF EXTRACTION WELLS SVE1 THROUGH SVE5

SVE NOTES:

BENTONITE SEAL TO EXTEND FROM 6" BELOW GRADE TO 1' BELOW GRADE.

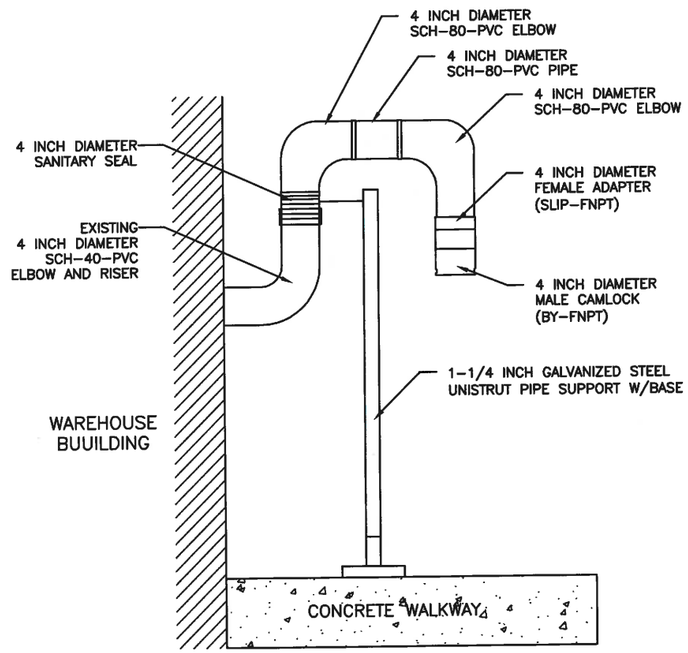
SAND PAK TO EXTEND FROM THE BOTTOM OF THE BENTONITE SEAL TO 6' BELOW GRADE.

ALL CONCRETE PADS ARE TO MEASURE 1'x1'x6".



TYPICAL SOIL VAPOR EXTRACTION CONNECTION DETAIL

(NOT TO SCALE)



WAREHOUSE BUILDING CONNECTION DETAIL

(NOT TO SCALE)

COMMONWEALTH OF MASSACHUSETTS
MICHAEL E. DECOTEAU
ENVIRONMENTAL
No. 43290
REGISTERED
PROFESSIONAL ENGINEER

DRAFTED BY: W.G.S. (N.J.)	SVE WELL CONSTRUCTION DETAILS		
CHECKED BY: MC	GENERAL CHEMICAL CORPORATION 133-138 LELAND STREET FRAMINGHAM, MASSACHUSETTS		
REVIEWED BY: SS	Groundwater & Environmental Services, Inc. 364 LITTLETON ROAD SUITE 4 WESTFORD, MA 01886		
	NOT TO SCALE	DATE 9-27-11	FIGURE 21

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Tables

Table 1. Summary of Gauging Data
(July - September 2011)
General Chemical Corporation
133-135 Leland Street
Framingham, Massachusetts
MassDEP RTN 3-19174

Well ID: (GW Class) [Screen Interval]	Casing Elevation (Ft)	Gauging Date	Depth to Water (Ft)	Depth to LNAPL (Ft)	Depth to DNAPL (Ft)	Product Thickness (Ft)	Product Thickness (in)	Groundwater Elevation (Ft)
CDW-6	156.95	7/26/11	4.92	ND	ND	ND	ND	152.03
(GW-3)		8/25/11	4.41	ND	ND	ND	ND	152.54
Screen Interval = 2-12								
CDW-9	155.25	8/24/11	3.18	ND	ND	ND	ND	152.07
(GW-3)								
Screen Interval = 2-12								
CDW-10	153.12	8/23/11	0.95	ND	ND	ND	ND	152.17
(GW-3)								
Screen Interval = 2-12								
CDW-12	154.2	8/24/11	2.38	ND	ND	ND	ND	151.82
(GW-3)								
Screen Interval = 10-20'								
CDW-14	158.1	9/1/11	4.06	ND	ND	ND	ND	154.04
(GW-2/GW-3)								
Screen Interval = 10-12'								
CDW-17	160.03	8/24/11	4.98	ND	ND	ND	ND	155.05
		9/1/11	3.75	ND	ND	ND	ND	156.28
Screen Interval = 10-13'								
CDW-18D	153.78	8/24/11	2.08	ND	ND	ND	ND	151.70
(GW-3)								
Screen Interval = 4-9'								
CDW-19S	152.63	8/23/11	4.23	ND	ND	ND	ND	148.40
(GW-3)								
Screen Interval = 5-6'								
EMPZ-2S	158.52	7/26/11	6.02	ND	ND	ND	ND	152.50
(GW-3)		8/25/11	5.42	ND	ND	ND	ND	153.10
Screen Interval = 3-18'								
EMPZ-2D	158.37	7/26/11	5.11	ND	ND	ND	ND	153.26
(GW-3)		8/25/11	4.45	ND	ND	ND	ND	153.92
Screen Interval = 27-43'								
ERM-11	161.17	7/25/11	5.30	ND	ND	ND	ND	155.87
(GW-2/GW-3)		8/25/11	5.35	ND	ND	ND	ND	155.82
Screen Interval = 4-14'								
EW-1	159.07	7/27/11	5.16	ND	ND	ND	ND	153.91
(GW-3)		8/25/11	4.91	ND	ND	ND	ND	154.16
Screen Interval = 10-46'								
GZ-2	161.18	8/22/11	6.98	ND	ND	ND	ND	154.20
(GW-3)								
Screen Interval = 62-67'								
GZ-4R	158.65	8/23/11	7.55	ND	ND	ND	ND	151.10
(GW-3)								
Screen Interval = 58-63'								
GZ-6	165.42	7/25/11	10.28	ND	ND	ND	ND	155.14
(GW-2/GW-3)		8/25/11	10.19	ND	ND	ND	ND	155.23
Screen Interval = 10-20'								
GZ-7	161.4	8/22/11	6.11	ND	ND	ND	ND	155.29
(GW-3)								
Screen Interval = 38-43'								
GZ-13	159.75	7/25/11	3.94	ND	ND	ND	ND	155.81
(GW-2/GW-3)		8/25/11	3.91	ND	ND	ND	ND	155.84
Screen Interval = 2-12'								
GZ-15S	156.47	8/24/11	6.14	ND	ND	ND	ND	150.33
(GW-2/GW-3)								
Screen Interval = 4-14'								
GZ-15D	156.68	8/23/11	5.49	ND	ND	ND	ND	151.19
(GW-3)								
Screen Interval = 19-34'								
GZ-15R	156.51	8/22/11	5.31	ND	ND	ND	ND	151.20
(GW-3)								
Screen Interval = 48-53'								

Table 1. Summary of Gauging Data
(July - September 2011)
General Chemical Corporation
133-135 Leland Street
Framingham, Massachusetts
MassDEP RTN 3-19174

Well ID: (GW Class) [Screen Interval]	Casing Elevation (Ft)	Gauging Date	Depth to Water (Ft)	Depth to LNAPL (Ft)	Depth to DNAPL (Ft)	Product Thickness (Ft)	Product Thickness (in)	Groundwater Elevation (Ft)
GZ-17S (GW-2/GW-3) *Screen Interval = 4-14'*	158.18	8/24/11	6.68	ND	ND	ND	ND	151.50
GZ-18S (GW-2/GW-3) *Screen Interval = 4-14'*	158.35	8/23/11	6.04	ND	ND	ND	ND	152.31
GZ-18M (GW-3) *Screen Interval = 35-45'*	158.31	8/22/11	4.81	ND	ND	ND	ND	153.50
WMW-2S (GW-3) *Screen Interval = 5-15'*	161.55	8/25/11	4.83	ND	ND	ND	ND	156.72
WMW-4 (GW-3) *Screen Interval = 5-15'*	162.34	7/27/11	6.54	ND	ND	ND	ND	155.80
		8/25/11	6.53	ND	ND	ND	ND	155.81
WMW-5 (GW-3) *Screen Interval = 5-15'*	163.19	7/26/11	7.78	ND	ND	ND	ND	155.41
WMW-6 (GW-3) *Screen Interval = 10-40'*	160.02	7/27/11	5.36	ND	ND	ND	ND	154.66
		8/25/11	4.76	ND	ND	ND	ND	155.26
WMW-8S (GW-3) *Screen Interval = 5-20'*	155.7	8/25/11	4.26	ND	ND	ND	ND	151.44
MW-10 (GW-3) *Screen Interval = 5-20'*	162.58	8/1/11	7.52	ND	ND	ND	ND	155.06
		8/25/11	7.17	ND	ND	ND	ND	155.41
MW-11 (GW-3) *Screen Interval = 5-20'*	166.83	7/27/11	11.35	ND	ND	ND	ND	155.48
		8/25/11	11.31	ND	ND	ND	ND	155.52
MW-12 (GW-3) *Screen Interval = 5-20'*	157.96	8/25/11	4.90	ND	ND	ND	ND	153.06
MW-13 (GW-3) *Screen Interval = 5-25'*	164.31	7/25/11	7.98	ND	ND	ND	ND	156.33
		8/25/11	8.19	ND	ND	ND	ND	156.12
MW-14 (GW-3) *Screen Interval = 5-25'*	158.7	7/26/11	3.78	ND	ND	ND	ND	154.92
		8/25/11	3.87	ND	ND	ND	ND	154.83
MW-15 (GW-3) *Screen Interval = 16-26'*	NSVD	8/24/11	6.82	ND	ND	ND	ND	NSVD
MW-16 (GW-2GW-3) *Screen Interval = 4-19'*	NSVD	8/24/11	4.23	ND	ND	ND	ND	NSVD
MW-17 (GW-2GW-3) *Screen Interval = 17-27'*	NSVD	8/24/11	3.77	ND	ND	ND	ND	NSVD
MW-18S (GW-3) *Screen Interval = 4-14'*	NSVD	9/1/11	2.48	ND	ND	ND	ND	NSVD
		9/19/11	2.69	ND	ND	ND	ND	NSVD
MW-18M (GW-3) *Screen Interval = 40-45'*	NSVD	9/19/11	TOC	ND	ND	ND	ND	NSVD
MW-19 (GW-3) *Screen Interval = 3-15'*	NSVD	9/19/11	4.50	ND	ND	ND	ND	NSVD
MW-20 (GW-3) *Screen Interval = 3-15'*	NSVD	9/19/11	5.68	ND	ND	ND	ND	NSVD

Table 1. Summary of Gauging Data
(July - September 2011)
General Chemical Corporation
133-135 Leland Street
Framingham, Massachusetts
MassDEP RTN 3-19174

Well ID: (GW Class) [Screen Interval]	Casing Elevation (Ft)	Gauging Date	Depth to Water (Ft)	Depth to LNAPL (Ft)	Depth to DNAPL (Ft)	Product Thickness (Ft)	Product Thickness (in)	Groundwater Elevation (Ft)
MW-21R (GW-3) *Screen Interval = 50-55'*	NSVD	9/19/11	5.71	ND	ND	ND	ND	NSVD
MW-22 (GW-3) *Screen Interval = 17-27'*	NSVD	8/25/11	4.70	ND	ND	ND	ND	NSVD
MW-23 (GW-3) *Screen Interval = 31-41'*	NSVD	8/22/11	4.73	ND	ND	ND	ND	NSVD
RW-5S (GW-3) *Screen Interval = 10-30'*	152.46	9/1/11	0.70	ND	ND	ND	ND	151.76
RW-5D (GW-3) *Screen Interval = 20-40'*	152.9	8/23/11	1.44	ND	ND	ND	ND	151.46
RW-6 (GW-3) *Screen Interval = 10-40'*	153.4	8/25/11 9/1/11	2.58 2.32	ND ND	ND ND	ND ND	ND ND	150.82 151.08
IW-4 *Screen Interval = 5-40'*	159.12	8/24/11	4.72	ND	ND	ND	ND	154.40
SW-10 *Screen Interval = NA*	152.6	8/25/11	1.35	ND	ND	ND	ND	151.25

Notes:

NA	= Not Applicable
NM	= Not Measured
ND	= Not Detected
NSVD	= Not Surveyed
TOC	groundwater observed at top edge of casing
ft bgs	= feet below ground surface
LNAPL	= light non-aqueous phase liquid
DNAPL	= dense non-aqueous phase liquid

Table 2. Groundwater Analytical Data - Volatile Organic Compounds
2011 Comprehensive Sampling Event
General Chemical Corporation
133-135 Leland Street
Framingham, Massachusetts
MassDEP RTN 3-19174

Monitoring Well:	Method 1 Groundwater Standards			CDW-6	CDW-9	CDW-10	CDW-12	CDW-14	CDW-18D	CDW-19S	EMPZ-2S	EMPZ-2D	ERM-11	EW-1	GZ-2	GZ-4R	GZ-6	GZ-7	GZ-13
Applicable Groundwater Standard:				(GW-3)	(GW-3)	(GW-3)	(GW-3)	(GW-2/GW-3)+	(GW-3)	(GW-3)	(GW-3)	(GW-3)	(GW-2/GW-3)	(GW-3)	(GW-3)	(GW-3)	(GW-2/GW-3)	(GW-3)	(GW-2/GW-3)
Screened Interval:				2-12'	2-12'	2-12'	10-20'	10-12'	4-9'	5-6'	3-18'	27-43'	4-14'	10-46'	62-67'	58-63'	10-20'	38-43'	2-12'
Formation Monitored:				sand	sand/silt	sand/silt	sand/silt	sand, gravel/fill	sand	--	sand/silty sand	sand/silty sand	sand/silty sand	sand/silty sand	silt/till	bedrock	sand	silt and clay/till	silty sand
Date:	GW-1*	GW-2	GW-3	7/25/11	8/24/11	8/23/11	8/23/11	9/1/11	8/24/11	8/23/11	7/26/11	7/26/11	7/25/11	7/27/11	8/22/11	8/23/11	7/25/11	8/22/11	7/25/11
Analytes **Units:**	ug/L	ug/L	ug/L	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
Volatile Organic Compounds (VOCs) by EPA Method 8260B																			
Acetone	6,300	50,000	50,000	218	<10.0	<10.0	189	<10.0	<10.0	<10.0	157	43.0	<10.0	51.2	<10.0	<10.0	<10.0	<10.0	46.2
tert-Amyl Methyl Ether	NE	NE	NE	4.41	<1.00	<1.00	5.12	<1.00	<1.00	<1.00	14.7	<1.00	<1.00	4.59	<1.00	<1.00	<1.00	<1.00	<1.00
Benzene	5	2,000	10,000	3.30	1.43	<1.00	2.48	<1.00	6.95	<1.00	1.65	<1.00	<1.00	1.51	<1.00	<1.00	<1.00	<1.00	<1.00
tert-Butylbenzene	NE**	NE**	NE**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
n-Butylbenzene	NE**	NE**	NE**	5.61	<1.00	<1.00	3.52	<1.00	<1.00	<1.00	<1.00	1.51	<1.00	2.08	<1.00	<1.00	<1.00	<1.00	<1.00
sec-Butylbenzene	NE**	NE**	NE**	2.73	<1.00	<1.00	2.22	<1.00	<1.00	<1.00	<1.00	3.19	<1.00	1.04	<1.00	<1.00	<1.00	<1.00	<1.00
Carbon Disulfide	NE	NE	NE	2.10	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	7.70	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chlorobenzene	100	200	1,000	7.14	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.55	<1.00	<1.00	1.01	<1.00	<1.00	<1.00	<1.00	<1.00
Chloroethane	NE	NE	NE	5.28	<1.00	1.55	<1.00	<1.00	6.73	<1.00	3.11	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chloroform	70	50	20,000	7.70	<1.00	<1.00	2.45	<1.00	1.32	<1.00	19.1	1.01	<1.00	4.24	<1.00	<1.00	<1.00	<1.00	<1.00
Chloromethane	NE	NE	NE	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	29.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
1,2-Dichlorobenzene	600	2000	2,000	5.41	<1.00	<1.00	3.08	<1.00	<1.00	<1.00	2.09	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
1,4-Dichlorobenzene	5	200	8,000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
1,2-Dichloroethane	5	5	20,000	<1.00	<1.00	<1.00	5.01	<1.00	3.21	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
1,1-Dichloroethane	70	1,000	20,000	320	19.0	<1.00	167	<1.00	67.9	19.8	201	49.2	1.47	171	<1.00	<1.00	<1.00	4.07	222
1,1-Dichloroethene	7	80	30,000	1,770	52.1	<1.00	693	<1.00	194	38.1	404	191	4.36	658	<1.00	<1.00	<1.00	10.3	33.0
trans-1,2-Dichloroethene	100	90	50,000	<1.00	4.26	<1.00	62.9	<1.00	28.1	8.76	1,520	4.67	<1.00	10.3	<1.00	<1.00	<1.00	<1.00	11.5
cis-1,2-Dichloroethene	70	100	50,000	35,600	1,070	<1.00	16,800	<1.00	3,550	1,470	12,200	2,320	58.0	16,700	<1.00	<1.00	8.21	144	4,330
Diethyl Ether	NE	NE	NE	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
1,4-Dioxane	3	6,000	50,000	<200	<200	<200	237	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
Ethylbenzene	700	20,000	5,000	71.7	<1.00	<1.00	31.0	<1.00	<1.00	<1.00	2.09	<1.00	<1.00	5.55	<1.00	<1.00	<1.00	2.10	<1.00
Isopropylbenzene (Cumene)	NE**	NE**	NE**	10.8	<1.00	<1.00	5.81	<1.00	<1.00	<1.00	1.06	16.9	<1.00	3.20	<1.00	<1.00	<1.00	1.35	<1.00
p-Isopropyltoluene	NE**	NE**	NE**	3.85	<1.00	<1.00	2.33	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Methyl tert-Butyl Ether (MTBE)	70	50,000	50,000	6.54	<1.00	<1.00	8.38	<1.00	<1.00	<1.00	22.2	<1.00	<1.00	8.01	<1.00	<1.00	<1.00	<1.00	<1.00
Methylene Chloride	5	10,000	50,000	1,180	<2.00	<2.00	2.61	<2.00	<2.00	<2.00	640	12.5	<2.00	346	<2.00	<2.00	<2.00	2.35	<2.00
4-Methyl-2-pentanone (MIBK)	350	50,000	50,000	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Naphthalene	140	1,000	20,000	95.0	<2.00	<2.00	55.2	<2.00	5.74	<2.00	<2.00	24.9	<2.00	25.3	<2.00	<2.00	<2.00	6.76	2.91
n-Propylbenzene	NE**	NE**	NE**	11.4	<1.00	<1.00	6.31	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	2.52	<1.00	<1.00	<1.00	<1.00	<1.00
1,1,2,2-Tetrachloroethane	2	9	50,000	2.60	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	80.0	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
1,1,1,2-Tetrachloroethane	5	10	50,000	15.4	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	46.8	<1.00	<1.00	3.36	<1.00	<1.00	<1.00	<1.00	<1.00
Tetrachloroethene (PCE)	5	50	30,000	63,300	514	<1.00	336	<1.00	718	225	28,100	851	3.12	29,300	<1.00	<1.00	6.96	2,550	230
Toluene	1,000	50,000	40,000	174	<1.00	<1.00	8.04	<1.00	<1.00	<1.00	1.93	<1.00	<1.00	4.99	<1.00	<1.00	<1.00	6.21	<1.00
1,1,1-Trichlroethane	200	4,000	20,000	48,100	169	<1.00	3,600	<1.00	588	290	16,600	1,180	25.2	6,090	<1.00	<1.00	11.5	499	499
1,1,2-Trichloroethane	5	900	50,000	15.2	<1.00	<1.00	8.41	<1.00	1.93	<1.00	37.5	<1.00	<1.00	7.21	<1.00	<1.00	<1.00	<1.00	<1.00
Trichloroethene (TCE)	5	30	5,000	9,790	826	<1.00	370	<1.00	2,060	1,320	4,620	888	3.48	4,590	1.66	<1.00	4.65	294	143
Trichlorofluoromethane	NE	NE	NE	7.9	<1.00	<1.00	1.33	<1.00	<1.00	<1.00	4.11	<1.00	<1.00	2.16	<1.00	<1.00	<1.00	<1.00	<1.00
1,1,2-Trichlorotrifluoroethane (Freon 113)	NE	NE	NE	2,450	65.5	<1.00	4,800	<1.00	187	273	2,440	569	5.16	598	<1.00	<1.00	1.62	255	896
1,2,4-Trimethylbenzene	NE**	NE**	NE**	140	<1.00	<1.00	72.7	<1.00	<1.00	<1.00	<1.00	1.17	<1.00	35.9	<1.00	<1.00	<1.00	7.44	<1.00
1,3,5-Trimethylbenzene	NE**	NE**	NE**	38.6	<1.00	<1.00	14.5	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	4.29	<1.00	<1.00	<1.00	1.40	<1.00
Vinyl Chloride	2	2	50,000	76.1	23.4	<1.00	8.33	<1.00	116	1.88	4.50	11.1	<1.00	20.7	<1.00	<1.00	<1.00	<1.00	20.8
Xylenes	10,000	9,000	5,000	204	<2.00	<2.00	71.4	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	17.7	<2.00	<2.00	<2.00	7.47	<2.00
Other VOCs	***	***	***	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs				***163,645***	***2,745***	***1.55***	***27,575***	***0.00***	***7,535***	***3,647***	***67,161***	***6,168***	***101***	***58,670***	***1.66***	***0.00***	***32.9***	***3,791***	***6,434***

Notes:

Concentrations reported in micrograms per liter (ug/L).

< = Not detected at the indicated reporting limit.

ND = Not detected.

NE = MassDEP has not established a Method 1 groundwater standard for this compound.

* = Method 1 GW-1 groundwater standards are not applicable, but are provided for comparison.

** = Compound quantified in the VPH carbon ranges (which have Method 1 standards).

*** = MassDEP establishes a specific Method 1 groundwater standard for each compound.

(a) = Sample was collected, labeled and analyzed as RW-1. It was later confirmed that RW-1 no longer exists, and based on well measurements, nearby well IW-4 was instead sampled.

+ = Method 1 GW-2 groundwater standards conservatively applied to this location.

3.55 = Underlined concentration exceeds Method 1 GW-2 Groundwater standard.

3.55 = Shaded concentration exceeds Method 1 GW-3 Groundwater standard.

Table 2. Groundwater Analytical Data - Volatile Organic Compounds
2011 Comprehensive Sampling Event
General Chemical Corporation
133-135 Leland Street
Framingham, Massachusetts
MassDEP RTN 3-19174

Monitoring Well:	Method 1 Groundwater			GZ-15S	GZ-15D	GZ-15R	GZ-17S	GZ-18S	GZ-18M	WMW-2S	WMW-4	WMW-5	WMW-6	WMW-8S	MW-10	MW-11	MW-12	MW-13	MW-14
Applicable Groundwater Standard:	Standards			(GW-2/GW-3)+	(GW-3)	(GW-3)	(GW-2/GW-3)+	(GW-2/GW-3)+	(GW-3)	(GW-3)	(GW-3)	(GW-3)	(GW-3)	(GW-3)	(GW-3)	(GW-3)	(GW-3)	(GW-2/GW-3)	(GW-3)
Screened Interval:				4-14'	19-34'	48-53'	4-14'	4-14'	35-45'	5-15'	5-15'	5-15'	10-40'	5-20'	5-20'	5-20'	5-20'	5-25'	5-25'
Formation Monitored:				sand	till	bedrock	sand	silty sand	--	--	sand/silty sand	sand/silty sand	--	--	sand	sand	sand	--	--
Date:	GW-1*	GW-2	GW-3	8/24/11	8/23/11	8/22/11	8/24/11	8/23/11	8/22/11	8/25/11	7/27/11	7/26/11	7/27/11	8/25/11	8/1/11	7/27/11	8/25/11	7/25/11	7/26/11
Analytes Units:	ug/L	ug/L	ug/L	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
Volatile Organic Compounds (VOCs) by EPA Method 8260B																			
Acetone	6,300	50,000	50,000	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	57.1	<10.0	210	29.8	<10.0	<10.0	<10.0	<10.0	11.1
tert-Amyl Methyl Ether	NE	NE	NE	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	2.57	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Benzene	5	2,000	10,000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	2.54	<1.00	<1.00	<1.00	<1.00	<1.00	4.85
tert-Butylbenzene	NE**	NE**	NE**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.53	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.29
n-Butylbenzene	NE**	NE**	NE**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	9.73	<1.00	3.16	<1.00	<1.00	<1.00	<1.00	<1.00	7.31
sec-Butylbenzene	NE**	NE**	NE**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	4.70	<1.00	1.83	<1.00	<1.00	<1.00	<1.00	<1.00	3.80
Carbon Disulfide	NE	NE	NE	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.08	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chlorobenzene	100	200	1,000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	3.46	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chloroethane	NE	NE	NE	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	28.4	3.09	<1.00	<1.00	<1.00	<1.00	<1.00
Chloroform	70	50	20,000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	4.40	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chloromethane	NE	NE	NE	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
1,2-Dichlorobenzene	600	2000	2,000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	4.65	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
1,4-Dichlorobenzene	5	200	8,000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
1,2-Dichloroethane	5	5	20,000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
1,1-Dichloroethane	70	1,000	20,000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	99.4	15.3	308	41.2	<1.00	<1.00	24.9	<1.00	154
1,1-Dichloroethene	7	80	30,000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	59.5	12.9	981	114	<1.00	<1.00	14.8	<1.00	39.2
trans-1,2-Dichloroethene	100	90	50,000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	2.48	<1.00	1.85	<1.00	<1.00	<1.00	<1.00	3.63
cis-1,2-Dichloroethene	70	100	50,000	<1.00	3.18	<1.00	<1.00	8.74	<1.00	<1.00	2,320	636	34,100	2,180	<1.00	<1.00	354	<1.00	1,890
Diethyl Ether	NE	NE	NE	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	7.24	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
1,4-Dioxane	3	6,000	50,000	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200
Ethylbenzene	700	20,000	5,000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.98	<1.00	34.3	<1.00	<1.00	<1.00	<1.00	<1.00	28.5
Isopropylbenzene (Cumene)	NE**	NE**	NE**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	12.7	<1.00	6.30	<1.00	<1.00	<1.00	<1.00	<1.00	7.72
p-Isopropyltoluene	NE**	NE**	NE**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	4.68	<1.00	2.34	<1.00	<1.00	<1.00	<1.00	<1.00	8.25
Methyl tert-Butyl Ether (MTBE)	70	50,000	50,000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	3.67	1.36	<1.00	<1.00	<1.00	<1.00	<1.00
Methylene Chloride	5	10,000	50,000	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	671	<2.00	<2.00	<2.00	3.09	<2.00	6.76
4-Methyl-2-pentanone (MIBK)	350	50,000	50,000	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Naphthalene	140	1,000	20,000	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	14.2	<2.00	41.5	<2.00	<2.00	<2.00	<2.00	<2.00	57.1
n-Propylbenzene	NE**	NE**	NE**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	23.6	<1.00	5.25	<1.00	<1.00	<1.00	<1.00	<1.00	10.6
1,1,2,2-Tetrachloroethane	2	9	50,000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	2.62	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
1,1,1,2-Tetrachloroethane	5	10	50,000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	2.70	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Tetrachloroethene (PCE)	5	50	30,000	<1.00	<1.00	<1.00	<1.00	1.65	<1.00	<1.00	2,520	238	565	438	2.55	<1.00	67.1	<1.00	7.07
Toluene	1,000	50,000	40,000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.65	<1.00	64.0	<1.00	<1.00	<1.00	<1.00	<1.00	25.2
1,1,1-Trichlroethane	200	4,000	20,000	<1.00	<1.00	<1.00	<1.00	1.24	<1.00	<1.00	2,930	202	51,700	764	<1.00	1.81	103	<1.00	130
1,1,2-Trichloroethane	5	900	50,000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	8.13	1.06	<1.00	<1.00	<1.00	<1.00	<1.00
Trichloroethene (TCE)	5	30	5,000	<1.00	3.33	<1.00	<1.00	7.61	<1.00	<1.00	786	128	209	1,730	<1.00	<1.00	140	<1.00	3.05
Trichlorofluoromethane	NE	NE	NE	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.05	<1.00	5.04	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
1,1,2-Trichlorotrifluoroethane (Freon 113)	NE	NE	NE	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1,070	30.5	1,770	361	<1.00	2.05	38.5	6.56	98.2
1,2,4-Trimethylbenzene	NE**	NE**	NE**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	189	<1.00	62.6	<1.00	<1.00	<1.00	<1.00	<1.00	151
1,3,5-Trimethylbenzene	NE**	NE**	NE**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	41.0	<1.00	16.0	<1.00	<1.00	<1.00	<1.00	<1.00	39.9
Vinyl Chloride	2	2	50,000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.98	<1.00	86.0	16.7	<1.00	<1.00	4.94	<1.00	448
Xylenes	10,000	9,000	5,000	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	8.10	<2.00	105	<2.00	<2.00	<2.00	<2.00	<2.00	72.8
Other VOCs	***	***	***	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs				***0.00***	***6.51***	***0.00***	***0.00***	***19.2***	***0.00***	***0.00***	***10,158***	***1,265***	***91,019***	***5,682***	***2.55***	***3.86***	***750***	***6.56***	***3,209***

Notes:

Concentrations reported in micrograms per liter (ug/L).

< = Not detected at the indicated reporting limit.

ND = Not detected.

NE = MassDEP has not established a Method 1 groundwater standard for this compound.

* = Method 1 GW-1 groundwater standards are not applicable, but are provided for comparison.

** = Compound quantified in the VPH carbon ranges (which have Method 1 standards).

*** = MassDEP establishes a specific Method 1 groundwater standard for each compound.

(a) = Sample was collected, labeled and analyzed as RW-1. It was later confirmed that RW-1 no longer exists, and based on well measurements, nearby well IW-4 was instead sampled.

+ = Method 1 GW-2 groundwater standards conservatively applied to this location.

3.55 = Underlined concentration exceeds Method 1 GW-2 Groundwater standard.

3.55 = Shaded concentration exceeds Method 1 GW-3 Groundwater standard.

Table 2. Groundwater Analytical Data - Volatile Organic Compounds
2011 Comprehensive Sampling Event
General Chemical Corporation
133-135 Leland Street
Framingham, Massachusetts
MassDEP RTN 3-19174

Monitoring Well:	Method 1 Groundwater			MW-15	MW-16	MW-17	MW-18S	MW-18M	MW-19	MW-20	MW-21R	MW-22	MW-23	IW-4 [a]	RW-5S	RW-5D	RW-6	CAR WASH (irrigation well)
Applicable Groundwater Standard:	**Standards**			**(GW-3)**	**(GW-2GW-3)**	**(GW-2GW-3)**	**(GW-3)**	**(GW-3)**	**(GW-3)**	**(GW-3)**	**(GW-3)**	**(GW-3)**	**(GW-3)**	**(GW-3)**	**(GW-3)**	**(GW-3)**	**(GW-3)**	**(GW-3)**
Screened Interval:				**16-26'**	**4-19'**	**17-27'**	**4-14'**	**40-45'**	**3-15'**	**3-15'**	**50-55'**	**17-27'**	**31-41'**	**5-40'**	**10-30'**	**20-40'**	**10-40'**	**est. 350' deep**
Formation Monitored:				**sand/silty sand**	**sand**	**silt**	**sand and silt**	**silt**	**sand and silt**	**sand/clayey silt**	**sand**	**sand/silty sand**	**silt**	**--**	**--**	**--**	**silty sand/silt**	**bedrock**
Date:	GW-1*	GW-2	GW-3	8/24/11	8/24/11	8/24/11	9/1/11	9/19/11	9/19/11	9/19/11	9/19/11	8/25/11	8/22/11	8/24/11	9/1/11	8/23/11	9/3/11	9/1/11
Analytes **Units:**	ug/L	ug/L	ug/L	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
Volatile Organic Compounds (VOCs) by EPA Method 8260B																		
Acetone	6,300	50,000	50,000	<10.0	<10.0	21.8	<10.0	31.0	<10.0	<10.0	<10.0	475	226	<10.0	<10.0	<10.0	<10.0	<10.0
tert-Amyl Methyl Ether	NE	NE	NE	<1.00	<1.00	<1.00	<1.00	3.90	<1.00	<1.00	<1.00	2.86	1.73	<1.00	13.5	<1.00	<1.00	<1.00
Benzene	5	2,000	10,000	<1.00	1.59	1.86	<1.00	<1.00	<1.00	<1.00	<1.00	9.21	1.44	<1.00	9.56	<1.00	<1.00	<1.00
tert-Butylbenzene	NE**	NE**	NE**	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.07	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
n-Butylbenzene	NE**	NE**	NE**	<1.00	2.02	2.29	<1.00	<1.00	<1.00	<1.00	<1.00	9.71	7.05	<1.00	1.87	<1.00	<1.00	<1.00
sec-Butylbenzene	NE**	NE**	NE**	<1.00	<1.00	1.68	<1.00	<1.00	<1.00	<1.00	<1.00	4.19	3.27	<1.00	1.57	<1.00	<1.00	<1.00
Carbon Disulfide	NE	NE	NE	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chlorobenzene	100	200	1,000	<1.00	1.40	<1.00	<1.00	1.58	<1.00	<1.00	<1.00	6.23	2.49	<1.00	4.62	<1.00	<1.00	<1.00
Chloroethane	NE	NE	NE	<1.00	26.7	1.19	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Chloroform	70	50	20,000	<1.00	1.68	5.07	<1.00	1.43	<1.00	<1.00	<1.00	12.6	4.07	<1.00	8.73	1.44	<1.00	<1.00
Chloromethane	NE	NE	NE	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1.18	<1.00	<1.00	<1.00
1,2-Dichlorobenzene	600	2000	2,000	<1.00	133	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	6.37	3.93	<1.00	3.30	<1.00	<1.00	<1.00
1,4-Dichlorobenzene	5	200	8,000	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
1,2-Dichloroethane	5	5	20,000	<1.00	<1.00	<1.00	<1.00	50.9	<1.00	<1.00	<1.00	<1.00	2.48	<1.00	<1.00	<1.00	<1.00	<1.00
1,1-Dichloroethane	70	1,000	20,000	290	2,610	138	18.6	349	<1.00	<1.00	<1.00	1,330	234	65.8	60.8	45.2	2.86	<1.00
1,1-Dichloroethene	7	80	30,000	137	286	306	94.2	<1.00	<1.00	<1.00	<1.00	3,740	776	15.4	2,790	162	16.3	<1.00
trans-1,2-Dichloroethene	100	90	50,000	<1.00	68.4	29.5	1.69	81.0	<1.00	<1.00	<1.00	<1.00	147	5.78	3,570	35.8	2.14	<1.00
cis-1,2-Dichloroethene	70	100	50,000	4,600	17,700	5,910	942	2,600	<1.00	<1.00	<1.00	42,500	16,300	499	58,500	2,250	840	<1.00
Diethyl Ether	NE	NE	NE	<2.00	<2.00	<2.00	<2.00	4.05	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
1,4-Dioxane	3	6,000	50,000	<200	<200	<200	<200	<200	<200	<200	<200	718	<200	<200	1,630	<200	<200	<200
Ethylbenzene	700	20,000	5,000	30.6	6.45	4.89	<1.00	1.06	<1.00	<1.00	<1.00	189	25.0	<1.00	49.8	<1.00	<1.00	<1.00
Isopropylbenzene (Cumene)	NE**	NE**	NE**	<1.00	2.02	3.41	<1.00	<1.00	<1.00	<1.00	<1.00	19.1	7.26	<1.00	7.21	<1.00	<1.00	<1.00
p-Isopropyltoluene	NE**	NE**	NE**	<1.00	4.69	1.78	<1.00	<1.00	<1.00	<1.00	<1.00	8.16	4.03	<1.00	1.33	<1.00	<1.00	<1.00
Methyl tert-Butyl Ether (MTBE)	70	50,000	50,000	<1.00	<1.00	<1.00	<1.00	14.3	<1.00	<1.00	<1.00	5.95	2.72	<1.00	6.96	1.08	<1.00	<1.00
Methylene Chloride	5	10,000	50,000	25.1	24.4	52.7	<2.00	<2.00	<2.00	<2.00	<2.00	680	365	<2.00	23,300	<2.00	<2.00	<2.00
4-Methyl-2-pentanone (MIBK)	350	50,000	50,000	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	13.6	<10.0	<10.0	26.7	<10.0	<10.0	<10.0
Naphthalene	140	1,000	20,000	79.3	25.4	19.8	<2.00	<2.00	<2.00	<2.00	<2.00	156	52.6	<2.00	55.1	<2.00	<2.00	<2.00
n-Propylbenzene	NE**	NE**	NE**	<1.00	3.10	4.98	<1.00	<1.00	<1.00	<1.00	<1.00	22.8	8.02	<1.00	6.40	<1.00	<1.00	<1.00
1,1,2,2-Tetrachloroethane	2	9	50,000	<1.00	1.70	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	2.93	1.74	<1.00	2.88	<1.00	<1.00	<1.00
1,1,1,2-Tetrachloroethane	5	10	50,000	<1.00	<1.00	<1.00	<1.00	11.1	<1.00	<1.00	<1.00	15.9	4.41	<1.00	<1.00	<1.00	<1.00	<1.00
Tetrachloroethene (PCE)	5	50	30,000	1,390	274	2,470	384	28,100	<1.00	<1.00	<1.00	47,100	31,100	136	660	795	86.8	1.20
Toluene	1,000	50,000	40,000	<1.00	18.7	11.0	<1.00	6.10	<1.00	<1.00	<1.00	314	85.3	<1.00	44.2	<1.00	<1.00	<1.00
1,1,1-Trichlroethane	200	4,000	20,000	2,910	42,500	2,630	781	11,900	<1.00	<1.00	<1.00	43,700	20,200	291	2,820	1,800	43.7	<1.00
1,1,2-Trichloroethane	5	900	50,000	<1.00	2.10	<1.00	<1.00	3.94	<1.00	<1.00	<1.00	24.3	<1.00	<1.00	40.6	1.66	<1.00	<1.00
Trichloroethene (TCE)	5	30	5,000	193	144	616	470	5,050	<1.00	<1.00	<1.00	15,300	6,420	134	10,600	1,630	57.7	<1.00
Trichlorofluoromethane	NE	NE	NE	<1.00	2.20	2.05	<1.00	<1.00	<1.00	<1.00	<1.00	28.4	6.10	<1.00	<1.00	<1.00	<1.00	<1.00
1,1,2-Trichlorotrifluoroethane (Freon 113)	NE	NE	NE	472	1,240	137	80.1	475	<1.00	<1.00	<1.00	4,780	5,080	31.0	7,160	192	96.6	<1.00
1,2,4-Trimethylbenzene	NE**	NE**	NE**	148	30.9	42.9	<1.00	<1.00	<1.00	<1.00	<1.00	192	84.7	<1.00	69.7	<1.00	<1.00	<1.00
1,3,5-Trimethylbenzene	NE**	NE**	NE**	33.1	9.55	10.8	<1.00	<1.00	<1.00	<1.00	<1.00	83.6	14.7	<1.00	17.9	<1.00	<1.00	<1.00
Vinyl Chloride	2	2	50,000	<1.00	29.5	6.32	1.88	3.54	<1.00	<1.00	<1.00	254	22.7	<1.00	33.1	3.89	1.35	<1.00
Xylenes	10,000	9,000	5,000	75.2	20.8	11.6	<2.00	<2.00	<2.00	<2.00	<2.00	622	75.8	<2.00	110	<2.00	<2.00	<2.00
Other VOCs	***	***	***	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs				***10,383***	***65,170***	***12,443***	***2,773***	***48,688***	***0.00***	***0.00***	***0.00***	***162,327***	***81,270***	***1,178***	***111,607***	***6,918***	***1,147***	***1.20***

Notes:

Concentrations reported in micrograms per liter (ug/L).

< = Not detected at the indicated reporting limit.

ND = Not detected.

NE = MassDEP has not established a Method 1 groundwater standard for this compound.

* = Method 1 GW-1 groundwater standards are not applicable, but are provided for comparison.

** = Compound quantified in the VPH carbon ranges (which have Method 1 standards).

*** = MassDEP establishes a specific Method 1 groundwater standard for each compound.

(a) = Sample was collected, labeled and analyzed as RW-1. It was later confirmed that RW-1 no longer exists, and based on well measurements, nearby well IW-4 was instead sampled.

+ = Method 1 GW-2 groundwater standards conservatively applied to this location.

3.55 = Underlined concentration exceeds Method 1 GW-2 Groundwater standard.

3.55 = Shaded concentration exceeds Method 1 GW-3 Groundwater standard.

Table 3. Groundwater Analytical Data - Additional Parameters For ISCO/Bioremediation Design
2011 Comprehensive Sampling Event
General Chemical Corporation
133-135 Leland Street
Framingham, Massachusetts
MassDEP RTN 3-19174

Monitoring Well:	Method 1 Groundwater Standards			CDW-6	CDW-9	CDW-10	CDW-12	CDW-14	CDW-18D	CDW-19S	EMPZ-2S	EMPZ-2D	ERM-11	EW-1	GZ-2	GZ-4R	GZ-6	GZ-7	GZ-13
Applicable Groundwater Standard:				(GW-3)	(GW-3)	(GW-3)	(GW-3)	(GW-2/GW-3)+	(GW-3)	(GW-3)	(GW-3)	(GW-3)	(GW-2/GW-3)	(GW-3)	(GW-3)	(GW-3)	(GW-2/GW-3)	(GW-3)	(GW-2/GW-3)
Screened Interval:				2-12'	2-12'	2-12'	10-20'	10-12'	4-9'	5-6'	3-18'	27-43'	4-14'	10-46'	62-67'	58-63'	10-20'	38-43'	2-12'
Formation Monitored:				sand	sand/silt	sand/silt	sand/silt	sand, gravel/fill	sand	--	sand/silty sand	sand/silty sand	sand/silty sand	sand/silty sand	silt/till	bedrock	sand	silt and clay/till	silty sand
Date:	**GW-1***	**GW-2**	**GW-3**	7/25/11	8/24/11	8/23/11	8/23/11	9/1/11	8/24/11	8/23/11	7/26/11	7/26/11	7/25/11	7/27/11	8/22/11	8/23/11	7/25/11	8/22/11	7/25/11
Analytes **Units:**	**ug/L**	**ug/L**	**ug/L**	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
Volatile Organic Compounds (VOCs) by EPA Method 8260B																			
Total VOCs (ug/L)				***163,645***	***2,745***	***1.55***	***27,575***	***0.00***	***7,535***	***3,647***	***67,161***	***6,168***	***101***	***58,670***	***1.66***	***0.00***	***32.9***	***3,791***	***6,434***
Volatile Petroleum Hydrocarbons and Target Analytes				***										***					
C5-C8 Aliphatics	300	3,000	50,000	74,100	--	--	--	--	--	--	--	--	<100	29,500	--	--	--	--	--
C9-C12 Aliphatics	700	5,000	50,000	134	--	--	--	--	--	--	--	--	<100	109	--	--	--	--	--
C9-C10 Aromatics	200	7,000	50,000	600	--	--	--	--	--	--	--	--	<100	165	--	--	--	--	--
Benzene	5	2,000	10,000	6	--	--	--	--	--	--	--	--	<1.00	2.09	--	--	--	--	--
Toluene	1,000	50,000	40,000	155	--	--	--	--	--	--	--	--	<3.00	4.34	--	--	--	--	--
Ethylbenzene	700	20,000	5,000	72	--	--	--	--	--	--	--	--	<1.00	5.99	--	--	--	--	--
Xylenes (total)	10,000	9,000	5,000	184.4	--	--	--	--	--	--	--	--	<4.00	15.23	--	--	--	--	--
Methyl tert-butyl ether (MTBE)	70	50,000	50,000	<3.00	--	--	--	--	--	--	--	--	<3.00	<3.00	--	--	--	--	--
Naphthalene	140	1,000	20,000	94.4	--	--	--	--	--	--	--	--	<5.00	24.6	--	--	--	--	--
Extractable Petroleum Hydrocarbons (EPH) and Target Polynuclear Araomatic Hydrocarbons (PAHs)																			
C9-C18 Aliphatics	700	5,000	50,000	<118	--	--	--	--	--	--	--	--	<111	<111	--	--	--	--	--
C19-C36 Aliphatics	14,000	NA	50,000	<118	--	--	--	--	--	--	--	--	<111	<111	--	--	--	--	--
C11-C22 Aromatics	200	50,000	5,000	315	--	--	--	--	--	--	--	--	<111	141	--	--	--	--	--
2-Methylnapthalene	10	2,000	20,000	60.5	--	--	--	--	--	--	--	--	<11.1	<11.1	--	--	--	--	--
Naphthalene	140	1,000	20,000	57.8	--	--	--	--	--	--	--	--	<11.1	13.5	--	--	--	--	--
Remaining PAHs	**	**	**	ND	--	--	--	--	--	--	--	--	ND	ND	--	--	--	--	--
Semivolatile Organic Compounds (SVOCs) via EPA Method 8270D/8270D SIM																			
1,4-Dioxane	3	6,000	50,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Other SVOCS	**	**	**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Units																		
Field Measurements																			
Temperature	°C			12.0	18.8	17.2	16.3	18.2	16.6	16.1	12.6	13.1	20.6	13.4	13.2	13.9	14.7	17.6	23.6
pH	SU			5.26	5.92	6.40	5.98	6.64	6.33	6.02	3.20	5.55	5.85	5.60	5.63	5.66	5.77	5.85	5.73
Specific Conductivity	mS/cm			722	482	531	521	198	439	294	3,177	1,922	1,633	1,381	599	42	277	1,878	4,375
Oxidation-Reduction Potential (ORP)	mV			267	106.2	-78.1	-24.7	-96.0	-62.5	225	281	268	230	309	29	115	201.7	-278.3	221.0
Dissolved Oxygen (DO)	mg/L			0.22	0.45	1.12	1.46	0.16	3.12	3.42	0.00 +	1.28	1.98	1.37	0.26	0.39	1.26	1.92	1.36 #
Turbidity	NTU			68.3	30.3	6.4	27.5	4.7	21.2	37.2	6.2	34.5	1.6	5.4	1,092.8	9.5	8.0	69.8	0.5
Laboratory Inorganic Parameters																			
Alkalinity, Total (CaCO3)	mg/L			14.6	--	--	61.1	--	--	--	<10.0	36.9	40.0	43.3	--	--	--	--	--
Chemical Oxygen Demand (COD)	mg/L			81.3	--	--	--	--	--	--	46.6	27.9	<10.0	52.4	--	--	--	--	--
Total Organic Carbon (TOC)	mg/L			9.31	--	--	--	--	--	--	5.10	2.09	1.74	9.40	--	--	--	--	--
Chloride	mg/L			--	--	--	133	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate	mg/L			--	--	--	10.3	--	--	--	--	--	--	--	--	--	--	--	--
Total and Diisolved Metals by EPA Method 6010C																			
Iron, dissolved	mg/L			0.115	--	--	21.7	--	--	--	13.0	0.2180	<0.0500	0.479	--	--	--	--	--
Iron, total	mg/L			1.34	--	--	23.0	--	--	--	13.3	1.12	0.0696	0.927	--	--	--	--	--
Manganese, dissolved	mg/L			18.1	--	--	6.13	--	--	--	7.53	1.82	0.0326	3.42	--	--	--	--	--
Manganese, total	mg/L			17.9	--	--	5.95	--	--	--	6.55	1.92	0.0419	2.99	--	--	--	--	--
Dissolved Gases by Method RSK 175M																			
Ethane	ug/L			--	--	--	<26.0	--	--	--	--	--	--	--	--	--	--	--	--
Ethene	ug/L			--	--	--	<26.0	--	--	--	--	--	--	--	--	--	--	--	--
Methane	ug/L			--	--	--	<26.0	--	--	--	--	--	--	--	--	--	--	--	--
Dissolved Carbon Dioxide by Coloremetric Test Kit																			
Carbon Dioxide (CO2)	ppm			--	--	--	50	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

Concentrations reported in micrograms per liter (ug/L) for VOCs, VPH, EPH and SVOCs.

Concentrations for other parameters reported in the units indicated including milligrams per liter (mg/L), parts per million (ppm), degrees Celcius (°C), Standards Units (SU), milliSiemens per cenitimeter (mS/cm), millivolts (mV), and Nephelometric Turbidity Units (NTU).

< = Not detected at the indicated reporting limit.

ND = Not detected.

NE = MassDEP has not established a Method 1 groundwater standard for this compound.

* = Method 1 GW-1 groundwater standards are not applicable, but are provided for comparison.

** = MassDEP establishes a specific standard for each compound.

*** = Chlorinated VOCs, although not petroleum, are also reported in the VPH carbon ranges. Reported concentrations for VPH are believed to be attributed to the chlorinated VOCs.

(a) = Sample was collected, labeled and analyzed as RW-1. It was later confirmed that RW-1 no longer exists, and based on well measurements, nearby well IW-4 was instead sampled.

+ = Method 1 GW-2 groundwater standards conservatively applied to this location.

3.55 = Underlined concentration exceeds Method 1 GW-2 Groundwater standard.

3.55 = Shaded concentration exceeds Method 1 GW-3 Groundwater standard.

Table 3. Groundwater Analytical Data - Additional Parameters For ISCO/Bioremediation Design
2011 Comprehensive Sampling Event
General Chemical Corporation
133-135 Leland Street
Framingham, Massachusetts
MassDEP RTN 3-19174

Monitoring Well:	Method 1 Groundwater Standards			GZ-15S	GZ-15D	GZ-15R	GZ-17S	GZ-18S	GZ-18M	WMW-2S	WMW-4	WMW-5	WMW-6	WMW-8S	MW-10	MW-11	MW-12	MW-13	MW-14
Applicable Groundwater Standard:				(GW-2/GW-3)+	(GW-3)	(GW-3)	(GW-2/GW-3)+	(GW-2/GW-3)+	(GW-3)	(GW-3)	(GW-3)	(GW-3)	(GW-3)	(GW-3)	(GW-3)	(GW-3)	(GW-2/GW-3)	(GW-2/GW-3)	(GW-3)
Screened Interval:				4-14'	19-34'	48-53'	4-14'	4-14'	35-45'	5-15'	5-15'	5-15'	10-40'	5-20'	5-20'	5-20'	5-20'	5-25'	5-25'
Formation Monitored				sand	till	bedrock	sand	silty sand	--	--	sand/silty sand	sand/silty sand	--	--	sand	sand	sand	--	--
Date:	GW-1*	GW-2	GW-3	8/24/11	8/23/11	8/22/11	8/24/11	8/23/11	8/22/11	8/25/11	7/27/11	7/26/11	7/27/11	8/25/11	8/1/11	7/27/11	8/25/11	7/25/11	7/26/11
Analytes Units:	ug/L	ug/L	ug/L	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
Volatile Organic Compounds (VOCs) by EPA Method 8260B																			
Total VOCs (ug/L)				*0.00*	*6.51*	*0.00*	*0.00*	*19.2*	*0.00*	*0.00*	*10,158*	*1,265*	*91,019*	*5,682*	*2.55*	*3.86*	*750*	*6.56*	*3,209*
Volatile Petroleum Hydrocarbons and Target Analytes											***		***						
C5-C8 Aliphatics	300	3,000	50,000	--	--	--	--	--	--	--	6,430	--	51,400	--	--	--	--	--	--
C9-C12 Aliphatics	700	5,000	50,000	--	--	--	--	--	--	--	530	--	145	--	--	--	--	--	--
C9-C10 Aromatics	200	7,000	50,000	--	--	--	--	--	--	--	1,100	--	373	--	--	--	--	--	--
Benzene	5	2,000	10,000	--	--	--	--	--	--	--	<1.00	--	2.97	--	--	--	--	--	--
Toluene	1,000	50,000	40,000	--	--	--	--	--	--	--	<3.00	--	64.9	--	--	--	--	--	--
Ethylbenzene	700	20,000	5,000	--	--	--	--	--	--	--	3.67	--	35.5	--	--	--	--	--	--
Xylenes (total)	10,000	9,000	5,000	--	--	--	--	--	--	--	6.27	--	99.9	--	--	--	--	--	--
Methyl tert-butyl ether (MTBE)	70	50,000	50,000	--	--	--	--	--	--	--	<3.00	--	<3.00	--	--	--	--	--	--
Naphthalene	140	1,000	20,000	--	--	--	--	--	--	--	20.3	--	47.5	--	--	--	--	--	--
Extractable Petroleum Hydrocarbons (EPH) and Target Polynuclear Araomatic Hydrocarbons (PAHs)																			
C9-C18 Aliphatics	700	5,000	50,000	--	--	--	--	--	--	--	2,260	--	1,200	--	--	--	--	--	--
C19-C36 Aliphatics	14,000	NA	50,000	--	--	--	--	--	--	--	1,700	--	<108	--	--	--	--	--	--
C11-C22 Aromatics	200	50,000	5,000	--	--	--	--	--	--	--	1,510	--	438	--	--	--	--	--	--
2-Methylnapthalene	10	2,000	20,000	--	--	--	--	--	--	--	179	--	<10.8	--	--	--	--	--	--
Naphthalene	140	1,000	20,000	--	--	--	--	--	--	--	<22.2	--	25.2	--	--	--	--	--	--
Remaining PAHs	**	**	**	--	--	--	--	--	--	--	ND	--	ND	--	--	--	--	--	--
Semivolatile Organic Compounds (SVOCs) via EPA Method 8270D/8270D SIM																			
1,4-Dioxane	3	6,000	50,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Other SVOCS	**	**	**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
		Units																	
Field Measurements																			
Temperature		°C		18.0	16.4	15.2	18.4	19.1	16.0	21.8	19.9	16.2	16.5	14.5	14.3	13.0	15.5	16.2	15.3
pH		SU		6.46	8.16	8.06	4.83	5.84	6.40	5.85	5.61	6.69	5.85	5.94	6.44	5.10	5.69	5.50	6.76
Specific Conductivity		mS/cm		195	175	398	99	286	302	732	995	594	833	282	52	1,030	3,584	747	725
Oxidation-Reduction Potential (ORP)		mV		219.9	218.6	-153.0	-305.4	169.9	-207.5	212.6	286.5	85.9	116.6	89.3	46.4	245.4	205.1	202.5	-46.9
Dissolved Oxygen (DO)		mg/L		2.49	1.27	0.94	2.50	1.07	5.89	5.17	0.67	0.09	0.35	0.39	1.7	11.1	0.4	1.22	0.11
Turbidity		NTU		7.1	6.8	16.9	8.9	6.8	9.8	0.4	33.1	5.2	14.8	485.2	NR	0.0	4.3	5.0	18.6
Laboratory Inorganic Parameters																			
Alkalinity, Total (CaCO3)		mg/L		37.8	--	--	12.6	--	--	--	38.9	--	<10.0	--	--	<10.0	--	--	--
Chemical Oxygen Demand (COD)		mg/L		--	--	--	--	--	--	--	50.0	--	73.1	--	--	24.2	--	--	--
Total Organic Carbon (TOC)		mg/L		--	--	--	--	--	--	--	3.14	--	7.08	--	--	<1.00	--	--	--
Chloride		mg/L		31.4	--	--	5.46	--	--	--		--		--	--		--	--	--
Sulfate		mg/L		17.1	--	--	22.0	--	--	--		--		--	--		--	--	--
Total and Diisolved Metals by EPA Method 6010C																			
Iron, dissolved		mg/L		<0.0500	--	--	<0.0500	--	--	--	4.61	--	33.5	--	--	<0.0500	--	--	--
Iron, total		mg/L		0.194	--	--	0.454	--	--	--	5.16	--	33.3	--	--	0.1510	--	--	--
Manganese, dissolved		mg/L		0.027	--	--	0.269	--	--	--	0.808	--	0.950	--	--	0.0464	--	--	--
Manganese, total		mg/L		0.259	--	--	0.278	--	--	--	0.836	--	4.24	--	--	0.0510	--	--	--
Dissolved Gases by Method RSK 175M																			
Ethane		ug/L		<26.0	--	--	<26.0	--	--	--	--	--	--	--	--	--	--	--	--
Ethene		ug/L		<26.0	--	--	<26.0	--	--	--	--	--	--	--	--	--	--	--	--
Methane		ug/L		<26.0	--	--	<26.0	--	--	--	--	--	--	--	--	--	--	--	--
Dissolved Carbon Dioxide by Coloremetric Test Kit																			
Carbon Dioxide (CO2)		ppm		11	--	--	10	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

Concentrations reported in micrograms per liter (ug/L) for VOCs, VPH, EPH and SVOCs.

Concentrations for other parameters reported in the units indicated including milligrams per liter (mg/L), parts per million (ppm), degrees Celcius (°C), Standards Units (SU), milliSiemens per cenitimeter (mS/cm), millivolts (mV), and Nephelometric Turbidity Units (NTU).

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(a) = Sample was collected, labeled and analyzed as RW-1. It was later confirmed that RW-1 no longer exists, and based on well measurements, nearby well IW-4 was instead sampled.

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3.55 = Underlined concentration exceeds Method 1 GW-2 Groundwater standard.

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Table 3. Groundwater Analytical Data - Additional Parameters For ISCO/Bioremediation Design
2011 Comprehensive Sampling Event
General Chemical Corporation
133-135 Leland Street
Framingham, Massachusetts
MassDEP RTN 3-19174

Monitoring Well:	Method 1 Groundwater			MW-15	MW-16	MW-17	MW-18S	MW-18M	MW-19	MW-20	MW-21R	MW-22	MW-23	IW-4 [a]	RW-5S	RW-5D	RW-6
Applicable Groundwater Standard:	Standards			(GW-3)	(GW-2GW-3)	(GW-2GW-3)	(GW-3)	(GW-3)	(GW-3)	(GW-3)	(GW-3)	(GW-3)	(GW-3)	(GW-3)	(GW-3)	(GW-3)	(GW-3)
Screened Interval:				16-26'	4-19'	17-27'	4-14'	40-45'	3-15'	3-15'	50-55'	17-27'	31-41'	5-40'	10-30'	20-40'	10-40'
Formation Monitored:				sand/silty sand	sand	silt	sand and silt	silt	sand and silt	sand/clayey silt	sand	sand/silty sand	silt	--	--		silty sand/silt
Date:	GW-1*	GW-2	GW-3	8/24/11	8/24/11	8/24/11	9/1/11	9/19/11	9/19/11	9/19/11	9/19/11	8/25/11	8/22/11	8/24/11	9/1/11	8/23/11	9/3/11
Analytes Units:	ug/L	ug/L	ug/L	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
Volatile Organic Compounds (VOCs) by EPA Method 8260B																	
Total VOCs (ug/L)				*10,383*	*65,170*	*12,443*	*2,773*	*48,688*	*0.00*	*0.00*	*0.00*	*162,327*	*81,270*	*1,178*	*111,607*	*6,918*	*1,147*
Volatile Petroleum Hydrocarbons and Target Analytes																	
C5-C8 Aliphatics	300	3,000	50,000	--	--	--	--	--	--	--	--	--	--	--		--	
C9-C12 Aliphatics	700	5,000	50,000	--	--	--	--	--	--	--	--	--	--	--		--	
C9-C10 Aromatics	200	7,000	50,000	--	--	--	--	--	--	--	--	--	--	--		--	
Benzene	5	2,000	10,000	--	--	--	--	--	--	--	--	--	--	--		--	
Toluene	1,000	50,000	40,000	--	--	--	--	--	--	--	--	--	--	--		--	
Ethylbenzene	700	20,000	5,000	--	--	--	--	--	--	--	--	--	--	--		--	
Xylenes (total)	10,000	9,000	5,000	--	--	--	--	--	--	--	--	--	--	--		--	
Methyl tert-butyl ether (MTBE)	70	50,000	50,000	--	--	--	--	--	--	--	--	--	--	--		--	
Naphthalene	140	1,000	20,000	--	--	--	--	--	--	--	--	--	--	--		--	
Extractable Petroleum Hydrocarbons (EPH) and Target Polynuclear Araomatic Hydrocarbons (PAHs)																	
C9-C18 Aliphatics	700	5,000	50,000	--	--	--	--	--	--	--	--	--	--	--		--	
C19-C36 Aliphatics	14,000	NA	50,000	--	--	--	--	--	--	--	--	--	--	--		--	
C11-C22 Aromatics	200	50,000	5,000	--	--	--	--	--	--	--	--	--	--	--		--	
2-Methylnapthalene	10	2,000	20,000	--	--	--	--	--	--	--	--	--	--	--		--	
Naphthalene	140	1,000	20,000	--	--	--	--	--	--	--	--	--	--	--		--	
Remaining PAHs	**	**	**	--	--	--	--	--	--	--	--	--	--	--		--	
Semivolatile Organic Compounds (SVOCs) via EPA Method 8270D/8270D SIM																	
1,4-Dioxane	3	6,000	50,000	--	--	--	--	--	--	--	--	200	--	--		--	
Other SVOCS	**	**	**	--	--	--	--	--	--	--	--	--	--	--		--	
	Units																
Field Measurements																	
Temperature	°C			15.3	17.6	18.0	14.6	16.1	15.2	20.8	14.8	15.4	17.2	18.9	14.8	15.8	15.2
pH	SU			6.05	6.25	5.52	5.49	5.52	5.81	5.32	8.34	5.80	4.74	5.64	6.15	5.79	6.68
Specific Conductivity	mS/cm			487	636	1,051	438	343	262	56	244	946	955	703	1,042	288	280
Oxidation-Reduction Potential (ORP)	mV			-11.0	-94.3	45.0	192.8	266.7	178.7	223.7	120.6	11.5	-243.7	204.9	-58.2	155.7	-70.2
Dissolved Oxygen (DO)	mg/L			0.25	0.24	0.38	2.11	1.32	8.56	0.49	0.33	0.36	1.60	2.57	0.00	0.94	0.17
Turbidity	NTU			11.3	9.8	5.0	19.9	141.9	13.5	2.0	22.0	10.3	39.1	20.5	19.9	NEG	NEG
Laboratory Inorganic Parameters																	
Alkalinity, Total (CaCO3)	mg/L			--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chemical Oxygen Demand (COD)	mg/L			--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Organic Carbon (TOC)	mg/L			--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloride	mg/L			--	--	--	--	--	--	--	--	--	--	--	--	--	--
Sulfate	mg/L			--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total and Diisolved Metals by EPA Method 6010C																	
Iron, dissolved	mg/L			--	--	--	--	--	--	--	--	--	--	--	--	--	--
Iron, total	mg/L			--	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese, dissolved	mg/L			--	--	--	--	--	--	--	--	--	--	--	--	--	--
Manganese, total	mg/L			--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dissolved Gases by Method RSK 175M																	
Ethane	ug/L			--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethene	ug/L			--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methane	ug/L			--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dissolved Carbon Dioxide by Coloremetric Test Kit																	
Carbon Dioxide (CO2)	ppm			--	--	--	--	--	--	--	--	--	--	--	70	--	18

Notes:

Concentrations reported in micrograms per liter (ug/L) for VOCs, VPH, EPH and SVOCs.

Concentrations for other parameters reported in the units indicated including milligrams per liter (mg/L), parts per million (ppm), degrees Celcius (°C), Standards Units (SU), milliSiemens per cenitimeter (mS/cm), millivolts (mV), and Nephelometric Turbidity Units (NTU).

< = Not detected at the indicated reporting limit.

ND = Not detected.

NE = MassDEP has not established a Method 1 groundwater standard for this compound.

* = Method 1 GW-1 groundwater standards are not applicable, but are provided for comparison.

** = MassDEP establishes a specific standard for each compound.

*** = Chlorinated VOCs, although not petroleum, are also reported in the VPH carbon ranges. Reported concentrations for VPH are believed to be attributed to the chlorinated VOCs.

(a) = Sample was collected, labeled and analyzed as RW-1. It was later confirmed that RW-1 no longer exists, and based on well measurements, nearby well IW-4 was instead sampled.

+ = Method 1 GW-2 groundwater standards conservatively applied to this location.

3.55 = Underlined concentration exceeds Method 1 GW-2 Groundwater standard.

3.55 = Shaded concentration exceeds Method 1 GW-3 Groundwater standard.

Table 4. Surface Water Analytical Data - Volatile Organic Compounds
2011 Comprehensive Sampling Event
General Chemical Corporation
133-135 Leland Street
Framingham, Massachusetts
MassDEP RTN 3-19174

Surface Water Station:	SW-1	SW-2	SW-3	SW-10
Date:	9/3/11	9/3/11	9/3/11	8/25/11
Analytes Units:	(ug/L)	(ug/L)	(ug/L)	(ug/L)
Volatile Organic Compounds (VOCs) by EPA Method 8260B				
Acetone	<10.0	<10.0	<10.0	23.5
tert-Amyl Methyl Ether	<1.00	<1.00	<1.00	<1.00
Benzene	<1.00	<1.00	<1.00	<1.00
tert-Butylbenzene	<1.00	<1.00	<1.00	<1.00
n-Butylbenzene	<1.00	<1.00	<1.00	<1.00
sec-Butylbenzene	<1.00	<1.00	<1.00	<1.00
Carbon Disulfide	<1.00	<1.00	<1.00	<1.00
Chlorobenzene	<1.00	<1.00	<1.00	<1.00
Chloroethane	<1.00	<1.00	<1.00	1.82
Chloroform	<1.00	<1.00	<1.00	<1.00
Chloromethane	<1.00	<1.00	<1.00	<1.00
1,2-Dichlorobenzene	<1.00	<1.00	<1.00	<1.00
1,4-Dichlorobenzene	<1.00	<1.00	<1.00	<1.00
1,2-Dichloroethane	<1.00	<1.00	<1.00	<1.00
1,1-Dichloroethane	2.30	10.3	6.20	199
1,1-Dichloroethene	<1.00	6.30	3.27	108
trans-1,2-Dichloroethene	<1.00	<1.00	<1.00	50.3
cis-1,2-Dichloroethene	4.40	160	90.3	3,520
Diethyl Ether	<2.00	<2.00	<2.00	<2.00
1,4-Dioxane	<200	<200	<200	<200
Ethylbenzene	<1.00	<1.00	<1.00	<1.00
Isopropylbenzene (Cumene)	<1.00	<1.00	<1.00	<1.00
p-Isopropyltoluene	<1.00	<1.00	<1.00	<1.00
Methyl tert-Butyl Ether (MTBE)	<1.00	<1.00	<1.00	<1.00
Methylene Chloride	<2.00	<2.00	<2.00	<2.00
4-Methyl-2-pentanone (MIBK)	<10.0	<10.0	<10.0	<10.0
Naphthalene	<2.00	<2.00	<2.00	<2.00
n-Propylbenzene	<1.00	<1.00	<1.00	<1.00
1,1,2,2-Tetrachloroethane	<1.00	<1.00	<1.00	<1.00
1,1,1,2-Tetrachloroethane	<1.00	<1.00	<1.00	<1.00
Tetrachloroethene (PCE)	<1.00	48.8	27.8	538
Toluene	<1.00	<1.00	<1.00	<1.00
1,1,1-Trichlroethane	<1.00	49.4	26.4	1.,050
1,1,2-Trichloroethane	<1.00	<1.00	<1.00	1.72
Trichloroethene (TCE)	1.40	31.6	17.5	2,480
Trichlorofluoromethane	<1.00	<1.00	<1.00	<1.00
1,1,2-Trichlorotrifluoroethane (Freon 113)	<1.00	10.0	6.71	105
1,2,4-Trimethylbenzene	<1.00	<1.00	<1.00	<1.00
1,3,5-Trimethylbenzene	<1.00	<1.00	<1.00	<1.00
Vinyl Chloride	<1.00	5.81	2.50	<1.00
Xylenes	<2.00	<2.00	<2.00	108
Other VOCs	ND	ND	ND	ND
Total VOCs	***8.10***	***322.2***	***180.7***	***7,135***

Notes:
Concentrations reported in micrograms per liter (ug/L).
< = Not detected at the indicated reporting limit.
ND = Not detected.

Table 5. Monitoring Well Location Rationale
General Chemical Corporation
133-135 Leland Street
Framingham, Massachusetts
MassDEP RTN 3-19174

Well ID	Property	Location	Intent	Screen Interval (feet bgs)
MW-15	GCC	east of the tank farm	provide better coverage within the interior of GCC yard	16-26
MW-16	GCC	northeast of the warehouse building in the area of the former septic tank location between the warehouse and tank farm	help in the evaluation if the former septic represents a source of CVOCs	4-19
MW-17	GCC	upgradient (north) of the warehouse building	evaluate whether the subsurface directly beneath the warehouse is a major contributor to the VOC mass in the source area	17-27
MW-18S	MWRA	south of the aqueduct and downgradient from the existing well field along the north side of the aqueduct that includes	assess the possible influence that the aqueduct may have on the fate and transport of CVOCs through the upper (or shallow) aquifer region	4-14
MW-18M	MWRA	south of the aqueduct and downgradient from the existing well field along the north side of the aqueduct that includes	assess the possible influence that the aqueduct may have on the fate and transport of CVOCs through the intermediate aquifer region	40-45
MW-19	MWRA	south of the school field and immediately adjacent to the north (upgradient) side of the aqueduct	allow assessment for the potential CVOC migration route that the aqueduct could potentially serve in this area of the site	3-15
MW-20	MWRA	adjacent to the south side of the aqueduct several yards further east from MW-19	allow assessment for the potential CVOC migration route that the aqueduct could potentially serve in this area of the site	3-15
MW-21R	Exelon Corp.	along the Exelon service road within Exelon property between wells GZ-14M and GZ-15D	additional deep coverage in this area of the site	50-55
MW-22	GCC	immediately downgradient (south) of the GCC warehouse building	evaluate whether the subsurface directly beneath the warehouse contributes to the CVOC mass in the source area	17-27
MW-23	GCC	source area in the GCC yard, immediately upgradient of RW3A/RW3	allow better assessment of the stratigraphic conditions in this area of the site to a depth of 30-45 feet bgs	31-41

Notes:
bgs = below ground surface
GCC = General Chemical Corporation
MWRA = Massachusetts Water Resources Authority

Table 6. Soil Analytical Data - Volatile Organic Compounds/ISCO Design Parameters
2011 Subsurface Investigation
General Chemical Corporation
135-135 Leland Street
Framingham, Massachusetts
MassDEP RTN 3-19174

Sample ID:							MW-15	MW-15	MW-16		MW-17		MW-18S	MW-18M		MW-19		MW-20	MW-21R		MW-22			MW-23		
Depth of Sample (feet):	Method 1						8'	24-26'	6'	12.5-15'	4'	18-20'	8-10'	42-44'	46-48'	10-12.5'	27.5-30'	10-12.5	54-56'	56-58'	6'	24-26'	26-28'	6'	24-26'	40-42'
Sample Date:	Soil						7/25/11	7/26/11	7/25/11	8/1/11	7/25/11	7/29/11	8/25/11	8/26/11	8/26/11	9/14/11	9/14/11	9/14/11	9/13/11	9/13/11	7/25/11	7/28/11	7/28/11	7/25/11	7/27/11	7/27/11
PID Reading (ppmv):	Standards						460	153	129	721	97.6	13.9	<1.0	242.9	42.4	<1.0	<1.0	<1.0	<1.0	<1.0	972	>2,000	183	1,160	>2,000	1,963
Percent Dry Solids:	S-1*	S-1*	S-2	S-2	S-3	S-3	83.0%	81.8%	87.2%	77.3%	84.5%	81.9%	74.0%	76.0%	74.7%	89.7%	83.8%	79.4%	84.9%	84.2%	83.9%	83.5%	81.8%	90.7%	81.5%	77.0%
	/GW-2	/GW-3	/GW-2	/GW-3	/GW-2	/GW-3	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds (VOCs) by EPA Method 8260B																										
Acetone	50	400	50	400	50	400	<6.93	<2.29	<2.00	<1.81	<1.86	<1.70	<1.45	<1.37	<1.26	<1.35	<1.98	<1.40	<1.34	<1.88	<1.37[2]	<1.65[2]	<1.69	<1.67[2]	<1.93[2]	<2.49[2]
tert-Amyl Methyl Ether	NE	NE	NE	NE	NE	NE	<0.347	<0.115	<0.100	<0.0907	<0.0929	<0.0850	<0.0725	<0.0685	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	<0.0683	<0.0826	<0.0844	<0.0836	<0.0966	<0.125
Benzene	30	30	200	200	700	900	<0.347	<0.115	<0.100	<0.0907	<0.0929	<0.0850	<0.0725	<0.0685	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	<0.0683	<0.0826	<0.0844	<0.0836	<0.0966	<0.125
tert-Butylbenezene	NE**	NE**	NE**	NE**	NE**	NE**	0.867	<0.115	<0.100	<0.0907	<0.0929	<0.0850	<0.0725	<0.0685	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	<0.0683	<0.0826	<0.0844	<0.0836	<0.0966	<0.125
n-Butylbenzene	NE**	NE**	NE**	NE**	NE**	NE**	26.2	<0.115	<0.100	<0.0907	0.679	<0.0850	<0.0725	<0.0685	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	0.0847	0.171	<0.0844	0.430	0.635	0.250
sec-Butylbenzene	NE**	NE**	NE**	NE**	NE**	NE**	13.4	<0.115	<0.100	<0.0907	0.230	<0.0850	<0.0725	<0.0685	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	<0.0683	<0.0826	<0.0844	0.179	0.198	<0.125
Carbon Disulfide	NE	NE	NE	NE	NE	NE	<0.347	<0.115	<0.100	<0.0907	<0.0929	<0.0850	<0.0725	<0.0685	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	<0.0683	<0.0826	<0.0844	<0.0836	<0.0966	<0.125
Chlorobenzene	3	100	3	100	3	100	<0.347	<0.115	<0.100	<0.0907	<0.0929	<0.0850	<0.0725	<0.0685	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	<0.0683	<0.0826	<0.0844	<0.0836	<0.0966	<0.125
Chloroethane	NE	NE	NE	NE	NE	NE	<0.347	<0.115	<0.100	<0.0907	<0.0929	<0.0850	<0.0725	<0.0685	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	<0.0683	<0.0826	<0.0844	<0.0836	<0.0966	<0.125
Chloroform	0.3	400	0.3	800	0.3	800	<0.347	<0.115	<0.100	<0.0907	<0.0929	<0.0850	<0.0725	<0.0685	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	<0.0683	<0.0826	<0.0844	<0.0836	<0.0966	<0.125
Chloromethane	NE	NE	NE	NE	NE	NE	<0.347	<0.115	<0.100	<0.0907	<0.0929	<0.0850	<0.0725	<0.0685	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	<0.0683	<0.0826	<0.0844	<0.0836	<0.0966	<0.125
1,2-Dichlorobenzene	30	300	30	300	30	300	<0.347	<0.115	0.152	<0.0907	3.36	<0.0850	<0.0725	<0.0685	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	<0.0683	<0.0826	<0.0844	0.773	0.104	<0.125
1,4-Dichlorobenzene	4	50	4	300	4	2,000	<0.347	<0.115	<0.100	<0.0907	0.849	<0.0850	<0.0725	<0.0685	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	<0.0683	<0.0826	<0.0844	0.166	<0.0966	<0.125
1,2-Dichloroethane	0.1	10	0.1	90	0.1	300	<0.347	<0.115	<0.100	<0.0907	<0.0929	<0.0850	<0.0725	<0.0685	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	<0.0683	<0.0826	<0.0844	<0.0836	<0.0966	<0.125
1,1-Dichloroethane	5	500	5	1,000	5	1,000	<0.347	0.140	**10.0**	<0.0907	<0.0929	<0.0850	<0.0725	<0.0685	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	<0.0683	<0.0826	<0.0844	<0.0836	0.855	<0.125
1,1-Dichloroethene	40	500	40	1,000	40	3,000	<0.347	<0.115	0.254	<0.0907	<0.0929	0.104	<0.0725	0.0870	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	<0.0683	<0.0826	<0.0844	0.154	1.06	<0.125
trans-1,2-Dichloroethene	1	500	1	1,000	1	3,000	<0.347	<0.115	0.126	<0.0907	<0.0929	<0.0850	<0.0725	<0.0685	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	<0.0683	<0.0826	<0.0844	<0.836	<0.0966	<0.125
cis-1,2-Dichloroethene	0.4	100	0.4	500	0.4	500	<0.347	**3.93**	**130**	**8.65**	**0.500**	**1.84**	<0.0725	0.356	0.0790	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	0.295	**2.57**	**2.59**	**1.98**	**15.7**	<0.125
Diethyl ether	NE	NE	NE	NE	NE	NE	<0.693	<0.229	<0.200	<0.181	<0.186	<0.170	<0.145	<0.137	<0.126	<0.135	<0.198	<0.140	<0.134	<0.188	<0.137	<0.165	<0.169	<0.167	<0.193	<0.249
1,4-Dioxane	6	70	6	500	6	500	<69.3	<22.9	<20.0	<18.1	<18.6	<17.0	<14.5	<13.7	<12.6	<13.5	<19.8	<14.0	<13.4	<18.8	<13.7[1]	<16.5[1]	<16.9	<16.7[1]	<19.3[1]	<24.9[1]
Ethylbenzene	500	500	1,000	1,000	1,000	3,000	0.572	<0.115	<0.100	<0.0907	3.48	<0.0850	<0.0725	<0.0685	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	<0.0683	0.102	<0.0844	0.839	0.584	0.138
Hexachlorobutadiene	6	6	90	90	100	100	<0.347	<0.115	<0.100	<0.0907	<0.0929	<0.0850	<0.0725	<0.0685	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	<0.0683	<0.0826	<0.0844	0.160	<0.0966	<0.125
Isopropylbenzene	NE**	NE**	NE**	NE**	NE**	NE**	2.56	<0.115	<0.100	<0.0907	0.124	<0.0850	<0.0725	<0.0685	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	<0.0683	<0.0826	<0.0844	0.126	0.194	<0.125
p-Isopropyltoluene	NE**	NE**	NE**	NE**	NE**	NE**	<0.347	<0.115	<0.100	<0.0907	0.542	<0.0850	<0.0725	<0.0685	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	<0.0683	0.0900	<0.0844	0.318	0.325	<0.125
Methyl tert-Butyl Ether (MTBE)	100	100	100	500	100	500	<0.347	<0.115	<0.100	<0.0907	<0.0929	<0.0850	<0.0725	<0.0685	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	<0.0683	<0.0826	<0.0844	<0.0836	<0.0966	<0.125
Methylene Chloride	20	200	20	900	20	900	<0.693	<0.229	0.253	<0.181	<0.186	<0.170	<0.145	<0.137	<0.126	<0.135	<0.198	<0.140	<0.134	<0.188	<0.137	<0.165	<0.169	<0.167	0.549	<0.249
Naphthalene	40	500	40	1,000	40	3,000	12.0	<0.229	<0.200	<0.181	0.527	<0.170	<0.145	<0.137	<0.126	<0.135	<0.198	<0.140	<0.134	<0.188	<0.137	0.544	<0.169	0.492	2.01	0.405
n-Propylbenzene	NE**	NE**	NE**	NE**	NE**	NE**	5.39	<0.115	<0.100	<0.0907	0.243	<0.0850	<0.0725	<0.0685	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	<0.0683	0.0867	<0.0844	0.196	0.329	<0.125
1,1,2,2-Tetrachloroethane	0.02	0.8	0.02	10	0.02	40	<0.347	<0.115	<0.100	<0.0907	<0.0929	<0.0850	<0.0725	<0.0685	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	<0.0683	<0.0826	<0.0844	<0.0836	<0.0966	<0.125
1,1,1,2-Tetrachloroethane	0.1	7	0.1	100	0.1	300	<0.347	<0.115	<0.100	<0.0907	<0.0929	<0.0850	<0.0725	<0.0685	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	<0.0683	<0.0826	<0.0844	<0.0836	<0.0966	<0.125
Tetrachloroethene	10	30	10	200	10	1,000	<0.347	<0.115	**21.3**	3.10	**12.3**	0.342	<0.0725	8.11	0.310	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	0.294	**201**	**19.3**	**87.5**	**328**	**296**
Toluene	500	500	1,000	1,000	2,000	3,000	<0.347	<0.115	0.388	<0.0907	0.934	<0.0850	<0.0725	<0.0685	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	<0.683	<0.0826	<0.0844	1.87	0.403	0.272
1,1,1-Trichlroethane	500	500	600	1,000	600	3,000	1.99	1.32	6.82	10.6	25.9	0.693	<0.0725	3.03	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	0.118	2.07	0.524	44.1	82.4	18.1
1,1,2-Trichloroethane	2	4	2	60	2	200	<0.347	<0.115	<0.100	<0.0907	<0.0929	<0.0850	<0.0725	<0.0685	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	<0.0683	<0.0826	<0.0844	<0.0836	<0.0966	<0.125
Trichloroethene	2	90	3	700	2	2,000	<0.347	0.138	**5.97**	0.576	0.190	0.303	<0.0725	1.44	0.120	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	0.0751	**3.14**	0.534	**24.1**	**2.90**	**7.94**
Trichlorofluoromethane	NE	NE	NE	NE	NE	NE	<0.347	<0.115	<0.100	<0.0907	<0.0929	<0.0850	<0.0725	<0.0685	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	<0.0683	<0.0826	<0.0844	<0.0836	<0.0966	<0.125
1,1,2-Trifluorotrichloroethane (Freon 113)	NE	NE	NE	NE	NE	NE	14.4	--	5.98	0.517	8.43	<0.170	<0.145	<0.137	<0.126	<0.135	<0.198	<0.140	<0.134	<0.188	<0.137	1.42	<0.169	4.17	13.0	16.6
1,2,4-Trimethylbenzene	NE**	NE**	NE**	NE**	NE**	NE**	45.2	<0.115	<0.100	0.212	1.33	<0.0850	<0.0725	<0.0685	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	<0.0683	0.981	0.103	1.38	3.66	0.834
1,3,5-Trimethylbenzene	NE**	NE**	NE**	NE**	NE**	NE**	6.33	<0.115	<0.100	<0.0907	0.652	<0.0850	<0.0725	<0.0685	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	<0.0683	0.347	<0.0844	0.511	1.32	0.308
Vinyl Chloride	0.6	0.6	0.7	4	0.7	30	<0.347	<0.115	<0.100	<0.0907	0.0929	<0.0850	<0.0725	<0.0685	<0.0632	<0.0675	<0.0992	<0.0698	<0.0672	<0.0941	<0.0683	<0.0826	<0.0844	<0.0836	<0.0966	<0.125
Xylenes	300	500	300	1,000	300	3,000	<1.04	<0.344	<0.301	<0.272	17.1	<0.255	<0.217	<0.205	<0.190	<0.203	<0.198	<0.209	<0.202	<0.282	<0.205	0.407	<0.253	3.95	2.86	0.683
Remaining VOCs	***	***	***	***	***	***	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MassDEP VPH																										
C5-C8 Aliphatics	100	100	500	500	500	500	**202**	<9.79	69.2	20.8	92.6	<9.05	--	--	--	--	--	--	--	--	8.39	62.1	13.7	**173**	**299**	**113**
C9-C12 Aliphatics	1,000	1,000	3,000	3,000	5,000	5,000	**2,080**	<9.79	8.28	28.1	175	<9.05	--	--	--	--	--	--	--	--	123	21.4	8.92	147	125	35.5
C9-C10 Aromatics	100	100	500	500	500	500	**2,650**	<9.79	<3.72	28.9	**197**	<9.05	--	--	--	--	--	--	--	--	**163**	22.6	4.38	**170**	**129**	31.3
Benzene	30	30	200	200	700	900	<0.0953	<0.0979	<0.0744	<0.0953	<0.0814	<0.0905	--	--	--	--	--	--	--	--	<0.0809	<0.0895	<0.0876	<0.0672	<0.0826	<0.0993
Toluene	500	500	1,000	1,000	2,000	3,000	<0.286	<0.294	0.392	<0.286	0.930	<0.272	--	--	--	--	--	--	--	--	<0.243	<0.269	<0.263	2.96	0.544	0.317
Ethylbenzene	500	500	1,000	1,000	1,000	3,000	<0.0953	<0.0979	<0.0744	<0.0953	4.64	<0.0905	--	--	--	--	--	--	--	--	<0.0809	0.161	<0.0876	2.21	1.29	0.293
Total Xylenes	300	500	300	1,000	300	3,000	7.34	<0.587	<0.446	<0.572	16.19	<0.543	--	--	--	--	--	--	--	--	<0.486	<0.537	<0.526	6.24	3.59	0.481
Methyl tert-Butyl Ether (MTBE)	100	100	100	500	100	500	<0.0953	<0.0979	<0.0744	<0.0953	<0.0814	<0.0905	--	--	--	--	--	--	--	--	<0.0809	<0.0895	<0.0876	<0.0672	<0.0826	<0.0993
Naphthalene	40	500	40	1,000	40	3,000	<0.476	<0.489	<0.372	1.80	7.73	<0.453	--	--	--	--	--	--	--	--	<0.405	1.81	<0.438	7.72	6.71	2.02

Table 6. Soil Analytical Data - Volatile Organic Compounds/ISCO Design Parameters
2011 Subsurface Investigation
General Chemical Corporation
135-135 Leland Street
Framingham, Massachusetts
MassDEP RTN 3-19174

Sample ID:							MW-15	MW-15	MW-16		MW-17		MW-18S	MW-18M		MW-19		MW-20	MW-21R		MW-22			MW-23		
Depth of Sample (feet):	Method 1						8'	24-26'	6'	12.5-15'	4'	18-20'	8-10'	42-44'	46-48'	10-12.5'	27.5-30'	10-12.5	54-56'	56-58'	6'	24-26'	26-28'	6'	24-26'	40-42'
Sample Date:	Soil						7/25/11	7/26/11	7/25/11	8/1/11	7/25/11	7/29/11	8/25/11	8/26/11	8/26/11	9/14/11	9/14/11	9/14/11	9/13/11	9/13/11	7/25/11	7/28/11	7/28/11	7/25/11	7/27/11	7/27/11
PID Reading (ppmv):	Standards						460	153	129	721	97.6	13.9	<1.0	242.9	42.4	<1.0	<1.0	<1.0	<1.0	<1.0	972	>2,000	183	1,160	>2,000	1,963
Percent Dry Solids:	S-1* /GW-2	S-1* /GW-3	S-2 /GW-2	S-2 /GW-3	S-3 /GW-2	S-3 /GW-3	83.0% mg/kg	81.8% mg/kg	87.2% mg/kg	77.3% mg/kg	84.5% mg/kg	81.9% mg/kg	74.0% mg/kg	76.0% mg/kg	74.7% mg/kg	89.7% mg/kg	83.8% mg/kg	79.4% mg/kg	84.9% mg/kg	84.2% mg/kg	83.9% mg/kg	83.5% mg/kg	81.8% mg/kg	90.7% mg/kg	81.5% mg/kg	77.0% mg/kg
MassDEP EPH																										
C9-18 Aliphatics	1,000	1,000	3,000	3,000	5,000	5,000	**3,910**	<11.6	24.3	216	157	<12.1	--	--	--	--	--	--	--	--	887	52.3	107	674	126	271
C19-36 Aliphatics	3,000	3,000	5,000	5,000	5,000	5,000	20.7	<11.6	116	32.1	22.8	<12.1	--	--	--	--	--	--	--	--	826	<11.9	12.0	474	18.3	36.6
C11-22 Aromatics	1,000	1,000	3,000	3,000	5,000	5,000	564	<11.6	<10.7	83.8	27.4	<12.1	--	--	--	--	--	--	--	--	246	20.6	34.1	143	45.3	100
Naphthalene	40	500	40	1,000	40	3,000	4.14	<1.16	<1.07	<1.24	<1.16	<1.21	--	--	--	--	--	--	--	--	<1.17	<1.19	<1.13	<1.08	<1.15	<1.21
2-Methylnaphthalene	80	300	80	500	80	500	18.2[(1)]	<0.694	<0.642	1.09	<0.695	<0.723	--	--	--	--	--	--	--	--	<0.701	<0.716	0.991	<0.650	0.755	0.941
Remaining Compounds	***	***	***	***	***	***	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND
Semivolatile Organic Compounds by EPA Method 8270D																										
1,2-Dichlorobenzene	30	300	30	300	30	300	<1.98	<0.405	<0.374	<0.417	<0.386	<0.389	--	--	--	--	--	--	--	--	0.414	<0.397	<0.403	<0.360	<0.385	<0.410
Bis(2-ethylhexyl)phthalate	200	200	700	700	3,000	3,000	<1.98	0.412	<0.374	<0.417	<0.386	<0.389	--	--	--	--	--	--	--	--	<0.382	<0.397	<0.403	0.631	<0.385	<0.410
2-Methylnaphthalene	80	300	80	500	80	500	19.6	<0.405	<0.374	<0.417	<0.386	<0.389	--	--	--	--	--	--	--	--	0.557	<0.397	<0.403	0.543	1.12	0.978
Naphthalene	40	500	40	1,000	40	3,000	5.27	<0.405	<0.374	<0.417	<0.386	<0.389	--	--	--	--	--	--	--	--	<0.382	<0.397	<0.403	<0.360	<0.385	<0.410
Remaining SVOCs	***	***	***	***	***	***	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND
Total Organic Carbon (TOC)	NE	NE	NE	NE	NE	NE	1,330	<1,000	12,200	<1,000	1,560	<1,000	--	--	--	--	--	--	--	--	19,400	1,340	<1,000	3,590	<1,000	1,130
Total Metals by EPA 6010C																										
Iron	NE	NE	NE	NE	NE	NE	5,910	6,630	17,400	5,770	5,950	6,550	--	--	--	--	--	--	--	--	15,500	15,200	7,530	12,000	6,750	16,500
Manganese	NE	NE	NE	NE	NE	NE	56.6	51.5	160	48.5	54.5	66.4	--	--	--	--	--	--	--	--	128	112	63.3	129	59.4	177

Notes:
Concentrations reported in milligrams per kilogram (mg/kg).
< = Not detected at the indicated reporting limit.
ND = Not detected.
NE = MassDEP has not established a Method 1 groundwater standard for this compound.
* = Method 1 S-1 groundwater standards are not applicable to all loactions, but are provided for reference.
** = Compound quantified in the VPH carbon ranges (which have Method 1 standards).
*** = MassDEP establishes a specific Method 1 soil standard for each compound.
BOLD = Concentration exceeds one or more Method 1 soil standards.

Appendix A
MWRA Information

MANHOLE AT STATION 17+00

MANHOLE AT STATION 46+00

FARM POND GATE HOUSE AT STATION −1+00

MANHOLE AT STATION 72+00

MANHOLE AT STATION 86+00

MANHOLE AT STATION 33+50

MANHOLE AT STATION 99+00

LELAND ST. METERING STATION AT STATION 59+00

COURSE BROOK WASTEWEIR AT STATION 112+00

Flow

N

Framingham Center

Framingham

Lakeville

West Natick

Ashland

Sherborn

Lake Cochituate

Farm Pond

Waushakum Pond

Summit Street (29+26)

LEGEND

▲ ENTRY / EXIT LOCATIONS

SCALE: 1"=2,000'

0 2,000 4,000

NOTE:
MAP SOURCE USGS 1987 FRAMINGHAM TOPOGRAPHIC MAP.

FIGURE 1

FRAMINGHAM AND SHERBORN, MASSACHUSETTS
SUDBURY AQUEDUCT WATER QUALITY MONITORING

MWRA CONTRACT 6617
AQUEDUCT INSPECTION STUDY AREA
ACCESS LOCATIONS

DESIGNED BY: –	CHECKED BY: BEE	DATE: MARCH, 2000

WESTON & SAMPSON ENGINEERS, INC.

HZ\99162\AQ-INSP

MANHOLE AT STATION −64+00

MANHOLE AT STATION −51+00

MANHOLE AT STATION −28+00

MANHOLE AT STATION −9+00

MANHOLE AT STATION 17+00

MANHOLE AT STATION 33+50

MANHOLE AT STATION 46+00

MANHOLE AT STATION 72+00

COURSE BROOK WASTEWEIR AT STATION 112+00

LELAND ST. METERING STATION AT STATION 59+00

LEGEND

- ▲ SAMPLING LOCATIONS
- ● DEP CONFIRMED DISPOSAL SITE

1 GENERAL CHEMICAL – 133–135 LELAND ST.
2 WOODROW WILSON SCHOOL – LELAND ST.
3 TRINITY OIL – 138 LELAND ST.
4 BOSTON EDISON STATION 240 – LELAND ST.
5 GENERAL MOTORS – 63 WESTERN AVE.
6 MCI FRAMINGHAM – 30 LORING DR.
7 FORMER COMMONWEALTH GAS – IRVING ST.
8 REED ELECTROPLATING – 116 IRVING ST.
9 AUTO BRITE CAR WASH – 105 HOLLIS ST.
10 GLEASON'S GARAGE – 35 CLAFLIN ST.
11 FORMER GASOLINE SERVICE STATION – 206 UNION AVE.

SCALE: 1"=2,000'
0 2,000 4,000

NOTE:
MAP SOURCE USGS 1987 FRAMINGHAM TOPOGRAPHIC MAP.

FIGURE 2

FRAMINGHAM AND SHERBORN, MASSACHUSETTS
SUDBURY AQUEDUCT WATER QUALITY MONITORING

MWRA CONTRACT 6617
AQUEDUCT QUARTERLY MONITORING
SAMPLING LOCATIONS AND DEP DISPOSAL SITES

DESIGNED BY: –	CHECKED BY: BEE	DATE: MARCH, 2000

WESTON & SAMPSON ENGINEERS, INC.

H:\99162\QRTLY_MON

TABLE 1
General Sediment Observations
Sudbury Aqueduct Inspection: December 14 and 15, 1999

Segment	Station Location	Sample Collected (1)	Sample Description	Odor	PID Reading	Comments/Observations
1 Farm Pond to Commonwealth Gas	3+00 to 12+00	3+00	Dark brown paste	--	ND	Brown and orange stalactites from 6+00 to 12+00. Stalactites dripping from 9+50 to 12+00. Stalactites from 6+00 to 9+00 were not as developed.
		7+00		--	ND	
	12+00 to 20+00	12+00		--	ND	Three to four inch heaving of aqueduct invert at 12+23.
	20+00 to 30+00	22+00		--	0.1	Orange and brown stalactites on both side walls.
		27+00		--	0.1	Overhead Culvert No. 1 crosses at 16+50
		29+66	Rust orange silt,trace coarse sand	Odor detected	28	Sediment sample collected for separate analyses.
	30+00 to 43+00	32+00	Dark brown paste	ND	0.1	Beaver Dam Brook crosses at 34+50.
		37+00		ND	0.1	
		43+00		ND	ND	
2 Commonwealth Gas to General Chemical	43+00 to 50+00	47+00	Dark green-brown silt	petroleum	40	Large amount of coal tar material observed/sampled at 49+50
		49+50		coal tar	--	
	50+00 to 59+00	52+00	Dark brown paste	coal tar	0.6	Leland Street metering station at 59+00
		57+00		coal tar	0.3	
		58+00		--	--	Sediment sample at 58+00 analyzed for metals only.
3 General Chemical to Course Brook	59+00 to 70+00	60+00		--	--	Sediment sample at 60+00 analyzed for metals only.
		62+00		ND	0.4	Abandoned fluoride feed line hanging from crown of pipe.
		67+00		ND	0.4	
	70+00 to 80+00	72+00	Dark brown silt	ND	1.0	Sediment samples taken from white stalactites on crown.
		78+00	Dark brown paste	ND	0.6	
	80+00 to 90+00	83+00		--	0.9	Record drawings show Overhead Culvert No.6 crosses at 83+75.
		87+00		ND	0.4	
	90+00 to 100+00	92+00		ND	0.3	Sinkhole at 97+50 contributing large amounts of sediment and wate
		97+00	Light brown silt and clay	ND	0.3	at 1 to 5 gpm. Heaving of aqueduct invert at 98+50.
	100+00 to 112+00	102+00		ND	0.6	Overhead Culvert No. 7 crosses at 100+74
		107+00		ND	0.3	Weephole located at 109+00 about 1 ft. above invert on right wall
		110+00		ND	0.4	
		112+00		ND	0.4	Sediment sample at 112+00 collected from within flow channel

G:\Hazwaste\MWRA\99162.d\tables\[Composite Sediment Analytical Results.xls]Table 3-Grab Sample Results

Notes:

(1) Sediment samples were generally collected from the drier, denser material, above the flow line. Sediments within the flow channel were too fine to sample and were disturbed during the inspection.

(2) Water samples were generally collected from dripping cracks or stalactites along the aqueduct walls.

ND = Not Detected

-- = Data not available

TABLE 6
Aqueduct Inspection Water Quality Results
Sudbury Aqueduct
December 1999

Parameters[a]	Units	Sample Location/Station Number										Trip Blank[d]	MMCLs[e]	Aquatic Toxicological Benchmarks[f]		
		SEG-1 Farm Pond to Commonwealth Gas				SEG-2 Commonwealth Gas to General Chemical		SEG-3 General Chemical to Course Brook						AWQC	Tier II	LCV
		10+75	20+39	25+00	29+66	44+71	46+50	64+70	67+00	94+35	100+70					
VPH Parameters[a]																
C_5 - C_8 Aliphatics	ug/L	ND	ND	360	NA	ND	ND	210	ND	NA	NA	NA	ns	390	ns	ns
C_9 - C_{12} Aliphatics	ug/L	ND	ND	ND	NA	ND	ND	ND	ND	NA	NA	NA	ns	1,800	ns	ns
C_9 - C_{10} Aromatics	ug/L	ND	ND	ND	NA	ND	870	110	ND	NA	NA	NA	ns	430	ns	ns
VOCs[a]																
Aromatic VOCs																
Benzene	ug/L	ND	ND	(9.0) ND	ND	(7.3) 1.7	(68) 58	ND	ND	ND	ND	ND	5	ns	130	525,000
Toluene	ug/L	ND	ND	ND	1.4	(9.0) 1.8	(9.0) 6	ND	ND	ND	ND	ND	1,000	ns	ns	ns
Ethylbenzene	ug/L	ND	ND	ND	0.6	ND	(190) 49	(2.3)	ND	ND	ND	ND	700	ns	7.3	>440
Total Xylenes	ug/L	ND	ND	ND	3.1	(4.8) 0.6	(219) 240	(6.4)	ND	ND	1.0	ND	10,000	ns	13	62,308
MTBE	ug/L	(2.4) ND	ND	(5,100) 150	ND	(2.2) ND	ND	ND	(5.5) 6.0	ND	ND	ND	70	ns	ns	ns
Naphthalene	ug/L	ND	ND	ND	6.4	ND	(2,000) 550	(1.5)	ND	ND	23	ND	ns	ns	12	620
C_9 - C_{10} Aromatics[b]																
n-Butylbenzene	ug/L	ND	ND	ND	0.6	ND	23	NA	ND	ND	ND	ND	ns	ns	ns	ns
sec-Butylenzene	ug/L	ND	ND	ND	0.6	ND	ND	NA	ND	ND	ND	ND	ns	ns	ns	ns
tert-Butylbenzene	ug/L	ND	ND	ND	ND	ND	21	NA	ND	ND	ND	ND	ns	ns	ns	ns
Isopropylbenzene	ug/L	ND	ND	ND	1.1	ND	11	NA	ND	ND	ND	ND	ns	ns	ns	ns
4-Isopropylbenzene	ug/L	ND	ND	ND	ND	ND	3.1	NA	ND	ND	ND	ND	ns	ns	ns	ns
n-Propylbenzene	ug/L	ND	ND	ND	0.6	ND	1.5	NA	ND	ND	ND	ND	ns	ns	ns	ns
1,2,4-Trimethylbenzene	ug/L	ND	ND	ND	1.9	ND	73	NA	ND	ND	0.6	ND	ns	ns	ns	ns
1,3,5-Trimethylbenzene	ug/L	ND	ND	ND	5.4	ND	230	NA	ND	ND	0.8	ND	ns	ns	ns	ns
Total C_9 - C_{10} Aromatics	ug/L	ND	ND	ND	10.2	ND	362.6	NA	ND	ND	1.4	ND	ns	430	ns	ns
Halogenated or Non-Aromatic VOCs																
1,1-Dichloroethane	ug/L	ND	ND	ND	23	ND	ND	NA	0.6	ND	ND	ND	70	ns	47	14,680
1,1-Dichloroethene	ug/L	ND	ND	ND	23	ND	ND	NA	1.0	ND	ND	ND	7	ns	25	>2,800
cis-1,2-Dichloroethene	ug/L	ND	ND	ND	1,700	ND	ND	NA	31	ND	1.3	5.1	70	ns	590	9,358
trans-1,2-Dichloroethene	ug/L	ND	ND	ND	2.9	ND	ND	NA	ND	ND	ND	ND	100	ns		
Tetrachloroethene	ug/L	ND	ND	ND	2,400	ND	ND	NA	1.7	ND	ND	5.6	5	ns	98	750
1,1,1-Trichloroethane	ug/L	ND	ND	ND	1,100	ND	ND	NA	12	ND	ND	1.7	200	ns	11	3,493
Trichloroethene	ug/L	ND	ND	ND	1,800	ND	ND	NA	3.2	ND	ND	4.3	5	ns	47	7,257
Carbon Disulfide	ug/L	ND	ND	ND	ND	ND	1.4	NA	ND	ND	ND	1.0	ns	ns	0.92	244
Bromomethane	ug/L	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	0.8	ns	ns	ns	ns
EPH Parameters and PAHs[a]	ug/L	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	-	-	-	-
Metals[c]	ug/L	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	-	-	-	-

NOTES:

(a) VPH, EPH and PAHs analyzed by DEP Method 1.0. VOC concentrations shown in parenthesis were analyzed by DEP Method 1.0. All other VOC results were analyzed by EPA Method 524.2

(b) Compounds analyzed by EPA Method 524.2 equivalent to C_9 - C_{10} aromatics.

(c) Metals analyzed: Arsenic, cadmium, chromium, lead and mercury. Mercury analyzed by EPA Method 7471; all others by EPA Method 6010.

(d) Trip blank was run after sample 29+66, and contaminants are the result of carry over. No other samples were run after the trip blank. (Laboratory explanation is provided in Appendix E.

(e) MMCLs = Massachusetts Maximum Contaminant Level (Spring 1999) for drinking water standards.

(f) Source: "Toxicological Benchmarks for Screening Potential Contaminants of Concern for Effects on Aquatic Biota", June 1996 U.S. Dept. of Energy ES/ER/TM-96/R2.
AWQC = Ambient Water Quality Criteria
Tier II = Secondary chronic values
LCV = Lowest chronic values for all organisms

ug L = micrograms per liter
ND = below detection limits
NA = not analyzed
ns = no standard
(-) = not applicable

Appendix B

Summary GCC Site Analytical Database and Historical Analytical Data

Groundwater Sampling Database
General Chemical Corporation
133-138 Leland Street
Framingham, Massachusetts

Sample Location	GW STANDARD	Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding		<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
SW		Jul-10											1.107				0.182		0.398	0.027	0.075	0.021		0.068	0.327															0.010
UST2		Jul-10											1.183				0.198		0.373	0.023	0.024	0.027		0.059	0.284			0.118									0.005			0.007
Sep Tank		Jul-10											34.370				24.100		2.530	7.740																				
GZ1	MEETS GW2, MOST GW1	Apr-00	159.66	70.00	64-71	65-70	5.06			154.60																														
		Jul-00					5.69			153.97																														
		Oct-00					6.54			153.12																														
		Dec-00					11.70			147.96																														
		Apr-01					8.98			150.68	224%	46%	0.238	0.016	0.033		0.110		0.006	0.067		0.006																		
		Nov-01					9.25			150.41	376%	62%	0.289	0.042	0.006	0.002	0.180			0.059																				
		May-02					6.83			152.83	1000%	69%	0.259	0.016	0.002	0.002	0.180			0.059																				
		Nov-02					5.88			153.78	56%	29%	0.077	0.018	0.021	0.002	0.022		0.006	0.005				0.003																
		Mar-03					9.25			150.41																														
		Jun-03					4.74			154.92	2561%	80%	0.930	0.004	0.025	0.004	0.740	0.007	0.028	0.120		0.002																	
		Nov-03					5.81			153.85	118%	19%	0.321	0.047	0.005		0.061	0.006	0.041	0.130				0.031																
		Apr-08					4.57			155.09																														
		Oct-08					4.92			154.74																														
		Apr-09					5.14			154.52	28%	14%	0.038	0.016	0.003	0.009	0.005			0.003				0.001																
		Jun-09					5.43			154.23																														
GZ2	MEETS GW1	Feb-00	161.18	62.80	61-69	62-67	7.88			153.30																														
		Apr-00					6.64			154.54																														
		Jul-00					7.11			154.07																														
		Oct-00					7.80			153.38																														
		Dec-00					6.34			154.84																														
		Apr-01					9.80			151.38	0%	0%	0.001		0.001																										
		Jul-01					9.42			151.76																														
		Nov-01					10.23			150.95			0.000																												
		May-02					7.99			153.19	0%	0%	0.012	0.003	0.002							0.007																		
		Aug-02					11.30			149.88																														
		Nov-02					6.56			154.62	0%	0%	0.001		0.001																										
		Mar-03					10.23			150.95																														
		Jun-03					4.36			156.82		0%	0.000																												
		Sep-03					7.65			153.53																														
		Nov-03					8.74			152.44		0%	0.000																												
		Jul-04									0%	0%	0.020	0.016	0.004																										
		Dec-04									9%	6%	0.309	0.100	0.100	0.011	0.018			0.070		0.009															0.001				
		Jun-05									17%	12%	0.042	0.021	0.009	0.001	0.005			0.006																				
		Oct-05									3%	2%	0.048	0.028	0.006		0.001			0.010																	0.002		0.001		
		Mar-06									7%	5%	0.038	0.027	0.002		0.002					0.007																		
		Aug-06										0%	0.000																												
		Nov-07					7.81			153.37	60%	27%	0.157	0.052	0.020	0.004	0.043			0.038																				
		Apr-08					4.89			156.29	0%	0%	0.001		0.001																										
		May-08					6.20			154.98																														
		Jun-08					6.26			154.92																														
		Jun-08					6.34			154.84																														
		Jun-08					5.82			155.36																														
		Jul-08					6.27			154.91																														
		Jul-08					6.58			154.60																														
		Aug-08					6.28			154.90																														
		Sep-08					6.35			154.83																														
		Oct-08					6.40			154.78		0%	0.000																												
		Nov-08					3.80			157.38																														
		Dec-08					5.13			156.05																														
		Jan-09					4.77			156.41																														
		Feb-09					4.82			156.36																														
		Mar-09					4.64			156.54																														
		Apr-09					5.02			156.16																														
		Jun-09					5.97			155.21																														
		Oct-09					6.84			154.34																														
		Aug-11					6.98			154.20		0%	0.002		0.002																										

Groundwater Sampling Database
General Chemical Corporation
133-138 Leland Street
Framingham, Massachusetts

Sample Location	GW STANDARD	Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding		<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
GZ3	NA	Feb-00	160.21	48.70	39-52	47-52	5.44			154.77	2%	2%	0.179	0.004	0.170		0.003			0.002																				
		Apr-00					3.91			156.30																															
		Jul-00					4.60			155.61																															
		Oct-00					5.86			154.35																															
		Dec-00					5.15			155.06																															
		Apr-01					2.68			157.53	0%	0%	0.015	0.001	0.005					0.001																0.008					
		Jul-01					4.33			155.88																															
		Nov-01					6.89			153.32	0%	0%	0.008	0.001	0.005					0.001																					
		May-02					4.69			155.52																															
		Aug-02					5.70			154.51																															
		Nov-02					5.30			154.91																															
		Mar-03					6.89			153.32																															
		Nov-03					5.11			155.10																															
GZ4	MEETS GW1	Feb-00	158.84	36.20	25-37	27-37	7.34			151.50		0%	0.001																						0.001					
		Apr-00					7.02			151.82																															
		Jul-00					8.81			150.03																															
		Oct-00					7.85			150.99																															
		Dec-00					9.75			149.09																															
		Apr-01					8.00			150.84																															
		Jul-01					6.37			152.47																															
		May-02					7.16			151.68																															
		Aug-02					8.53			150.31																															
		Nov-02					7.12			151.72																															
		Jun-03					6.80			152.04																															
		Sep-03					7.47			151.37																															
		Nov-03					7.04			151.80																															
		Nov-07					7.50			151.34																															
		Apr-08					7.00			151.84																															
		Oct-08					6.92			151.92																															
		Apr-09					6.69			152.15																															
		Jun-09					6.92			151.92																															
GZ4R	MEETS GW1	Feb-00	158.65	63.00	49-63	58-63	7.56			151.09			0.000																											
		Apr-00					7.15			151.50																															
		Jul-00					8.04			150.61																															
		Oct-00					8.11			150.54																															
		Dec-00					8.97			149.68																															
		Apr-01					8.51			150.14																															
		Jul-01					7.71			150.94																															
		May-02					7.08			151.57																															
		Aug-02					8.83			149.82																															
		Nov-02					7.50			151.15																															
		Jun-03					7.16			151.49																															
		Sep-03					7.79			150.86																															
		Nov-03					7.37			151.28																															
		Nov-07					7.98			150.67																															
		Apr-08					6.59			152.06																															
		Oct-08					7.40			151.25																															
		Apr-09					6.98			151.67																															
		Jun-09					7.39			151.26																															
		Aug-11					7.55			151.10			0.000																											

Groundwater Sampling Database
General Chemical Corporation
133-138 Leland Street
Framingham, Massachusetts

Sample Location	GW STANDARD	Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding		<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
GZ5S	MEETS GW1	Feb-00	156.12	15.00	1.5-17.5	2.5-17.5	3.61			152.51	34%	15%	0.082	0.002	0.034	0.003	0.012		0.005	0.007		0.020																		
		Apr-00					2.51			153.61																															
		Jul-00					3.77			152.35	41%	18%	0.078	0.002	0.032	0.003	0.014		0.006	0.006		0.014												0.001						
		Oct-00					4.11			152.01																															
		Dec-00					3.07			153.05																															
		Apr-01					2.25			153.87																															
		Jul-01					3.26			152.86																															
		May-02					2.31			153.81	31%	19%	0.021	0.001	0.012	0.001	0.004		0.001	0.002																					
		Aug-02					4.62			151.50																															
		Nov-02					2.46			153.66	0%	0%	0.002		0.002																										
		Jun-03					2.47			153.65		0%	0.000																												
		Sep-03					3.72			152.40																															
		Nov-03					3.15			152.97	97%	38%	0.039	0.001	0.014	0.002	0.015		0.005	0.003																					
		Jul-04									102%	44%	0.015		0.006		0.007		0.002																					
		Dec-04									45%	26%	0.069	0.013	0.027	0.002	0.018		0.004	0.005																					
		Jun-05									20%	14%	0.094	0.039	0.027	0.002	0.013		0.003	0.010																					
		Oct-05									10%	7%	0.027	0.015	0.005		0.002			0.005																					
		Mar-06									0%	0%	0.038	0.031	0.007																										
		Aug-06									0%	0%	0.055	0.042	0.012					0.001	0.001																			
		Mar-07					3.84			152.28	10%	8%	0.036	0.025	0.006		0.003		0.001	0.001																					
		Nov-07					4.44			151.68		0%	0.000																												
		Apr-08					2.15			153.97		0%	0.000																												
		May-08					2.75			153.37																															
		Jun-08					3.53			152.59																															
		Jul-08					3.82			152.30	150%	60%	0.006		0.002		0.003																							
		Aug-08					3.31			152.81																															
		Sep-08					3.28			152.84																															
		Oct-08					3.14			152.98	0%	0%	0.014	0.014																											
		Dec-08					2.20			153.92																															
		Jan-09					2.32			153.80	0%	0%	0.000																												
		Mar-09					1.78			154.34																															
		Apr-09					2.36			153.76																															
		Jun-09					3.32			152.80		0%	0.000																												
		Oct-09					3.70			152.42																															
GZ5D	MEETS GW1	Feb-00	156.07	40.20	33-44	34-44	3.35			152.72		0%	0.034																						0.034						
		Apr-00					2.32			153.75																															
		Jul-00					3.65			152.42																															
		Oct-00					3.85			152.22																															
		Dec-00					3.05			153.02																															
		Apr-01					3.92			152.15																															
		Jul-01					3.08			152.99																															
		May-02					2.92			153.15																															
		Aug-02					4.42			151.65																															
		Nov-02					2.42			153.65																															
		Jun-03					1.13			154.94																															
		Sep-03					3.25			152.82																															
		Nov-03					2.91			153.16																															
		Nov-07					4.06			152.01																															
		Apr-08					1.82			154.25		0%	0.000																												
		Oct-08					2.77			153.30		0%	0.000																												
		Apr-09					1.92			154.15																															
		Jun-09					2.75			153.32																															
		Oct-09					3.27			152.80																															

Groundwater Sampling Database
General Chemical Corporation
133-138 Leland Street
Framingham, Massachusetts

Sample Location	GW STANDARD	Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding		<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
GZ6	MEETS GW1	Feb-00	165.42	19.20	3-20	10-20	10.59			154.83																														
		Apr-00					9.18			156.24																														
		Jul-00					9.72			155.70	0%	0%	0.004	0.001	0.001					0.002																				
		Oct-00					11.13			154.29		0%	0.000																												
		Dec-00					10.32			155.10		0%	0.000																												
		Apr-01					8.00			157.42		0%	0.000																												
		Jul-01					9.56			155.86		0%	0.000																												
		Nov-01					11.98			153.44		0%	0.000																												
		May-02					9.54			155.88																														
		Aug-02					11.30			154.12																														
		Mar-03					11.98			153.44																														
		Jun-03					8.00			157.42																														
		Sep-03					10.75			154.67																														
		Nov-03					10.24			155.18																														
		Mar-07					10.34			155.08	38%	18%	0.112	0.034	0.019	0.002	0.020			0.030	0.007																			
		Nov-07					12.01			153.41	152%	41%	0.636	0.075	0.096	0.015	0.260			0.190																				
		Nov-07									113%	41%	0.220	0.050	0.030		0.090			0.050																				
		Apr-08					8.14			157.28	159%	36%	0.085	0.010	0.010	0.003	0.031			0.029	0.004																			
		May-08					8.88			156.54																														
		May-08					8.95			156.47																														
		May-08					9.34			156.08																														
		Jun-08					9.58			155.84																														
		Jun-08					9.72			155.70																														
		Jun-08					9.65			155.77																														
		Jun-08					9.51			155.91																														
		Jul-08					9.89			155.53																														
		Jul-08					10.27			155.15																														
		Jul-08					10.17			155.25	75%	18%	0.030	0.004	0.003	0.001	0.005			0.014	0.002																			
		Aug-08					10.06			155.36																														
		Aug-08					9.88			155.54																														
		Sep-08					9.92			155.50																														
		Oct-08					9.36			156.06																														
		Oct-08					9.94			155.48	82%	23%	0.012	0.002	0.002		0.003			0.006																				
		Oct-08					9.77			155.65																														
		Nov-08					10.41			155.01																														
		Dec-08					8.75			156.67																														
		Jan-09					8.36			157.06	0%	0%	0.003							0.003																				
		Feb-09					8.85			156.57																														
		Mar-09					8.46			156.96																														
		Apr-09					8.74			156.68	0%	0%	0.003							0.003																				
		Jun-09					9.80			155.62	74%	17%	0.015	0.002	0.002		0.003			0.008	0.001																			
		Oct-09					10.80			154.62	27%	10%	0.018	0.004	0.002		0.002			0.008	0.001																			
		Jul-10									74%	24%	0.022	0.003	0.004	0.001	0.005			0.008	0.001																			
		Jan-11									102%	31%	0.035	0.006	0.005	0.001	0.011			0.010	0.002																			
		Apr-11									0%	0%	0.003	0.001						0.002																				
		Jul-11					10.28			155.14	71%	25%	0.033	0.007	0.005		0.008			0.012	0.002																			
		Aug-11					10.19			155.23																														

Groundwater Sampling Database
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Sample Location	GW STANDARD	Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding		<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
GZ7	MEETS ALL GW2, MOST GW1	Feb-00	161.40	43.20	36-43	38-43	6.38			155.02																														
		Apr-00					4.93			156.47																														
		Jul-00					5.65			155.75																														
		Oct-00					6.62			154.78																														
		Dec-00					6.13			155.27																														
		Apr-01					3.92			157.48		0%	0.000																											
		Jul-01					5.25			156.15		0%	0.000																											
		Nov-01					8.75			152.65		0%	0.114															0.047	0.002		0.011						0.007	0.045		0.003
		May-02					6.31			155.09	0%	0%	0.038	0.001	0.001																0.001							0.036		
		Aug-02					6.79			154.61																														
		Nov-02					6.45	0.05		154.95	0%	0%	0.029	0.001	0.001																								0.028		
		Mar-03					8.75	2.80		152.65																														
		Jun-03					3.93			157.47		0%	0.015																0.002		0.007						0.004			0.002
		Sep-03					6.05			155.35																														
		Nov-03					5.86			155.54		0%	0.035																		0.001							0.023	0.011	
		Jul-04										0%	0.006																									0.006		
		Dec-04									3%	2%	0.030	0.012	0.005		0.001			0.003									0.004								0.001	0.005		
		Jun-05									7%	6%	0.053	0.026	0.015	0.001	0.003			0.006																		0.002		
		Oct-05									14%	6%	0.093	0.015	0.027		0.006			0.042																		0.003		
		Mar-06									33%	19%	0.003	0.001	0.001		0.001																					0.001		
		Aug-06									4%	3%	0.260	0.210	0.029		0.009			0.012																				
		Mar-07					6.16			155.24	250%	48%	2.000	0.130	0.250	0.016	0.950		0.014	0.640																				
		Nov-07					7.08			154.32	193%	45%	2.450	0.280	0.290		1.100			0.780																				
		Apr-08					3.93			157.47	418%	50%	3.596	0.117	0.316	0.052	1.810		0.027	1.200	0.075																				
		May-08					4.57			156.83																														
		Jun-08					5.27			156.13																														
		Jul-08					5.80			155.60	966%	56%	3.824	0.030	0.191	0.059	2.130		0.029	1.290	0.096																				
		Aug-08					5.56			155.84																														
		Sep-08					5.40			156.00																														
		Oct-08					5.35			156.05	1400%	63%	2.117	0.015	0.080	0.030	1.330		0.016	0.591	0.055																				
		Nov-08					5.70			155.70																														
		Dec-08					4.59			156.81																														
		Jan-09					4.21			157.19	2839%	58%	1.403	0.013	0.015	0.017	0.809		0.011	0.481	0.056																				
		Feb-09					4.46			156.94																														
		Mar-09					4.13			157.27																														
		Apr-09					4.33			157.07	1383%	56%	0.841	0.017	0.017		0.469			0.290	0.049																				
		Jun-09					5.35			156.05	1517%	57%	0.690	0.010	0.016		0.396		0.008	0.233	0.027																				
		Oct-09					6.27			155.13	7276%	56%	0.755	0.006			0.422		0.011	0.210	0.038								0.068												
		Aug-11					6.11			155.29	5%	4%	3.860	2.550	0.294	0.010	0.144		0.004	0.499	0.255	0.002							0.068	0.001		0.009				0.006	0.002	0.007			0.007
GZ7R	MEETS GW3	Feb-00	161.74	95.60	81-97	92-97	12.59			149.15	0%	0%	0.002	0.001																										
		Apr-00					7.36			154.38																														
		Jul-00					10.20			151.54																														
		Oct-00					9.51			152.23																														
		Dec-00					17.14			144.60																														
		Apr-01					14.15			147.59		0%	0.000																											
		Jul-01					9.49			152.25		0%	0.000																											
		Nov-01					11.87			149.87		53%	0.010				0.005			0.003												0.002								
		May-02					11.99			149.75		0%	0.000																											
		Aug-02					11.07			150.67																														
		Nov-02					9.69			152.05	100%	41%	0.005	0.002			0.002			0.001																				
		Mar-03					11.87			149.87																														
		Jun-03					7.32			154.42	94%	36%	0.004	0.002			0.002			0.001																				
		Sep-03					8.52			153.22																														
		Nov-03					7.52			154.22	100%	33%	0.005	0.002			0.002			0.002																				
		Jul-04										0%	0.000																											
		Dec-04									0%	0%	0.017	0.011	0.004					0.002																				
		Jun-05									10%	8%	0.038	0.020	0.010		0.003			0.005																				
		Oct-05									15%	6%	0.139	0.020	0.040		0.009			0.063									0.004									0.003		
		Mar-06										0%	0.000																											
		Aug-06									0%	0%	0.209	0.180	0.020					0.009																				
		Mar-07					16.19			145.55	11%	8%	0.075	0.045	0.011		0.006		0.001	0.011									0.001												
		Nov-07					10.14			151.60	28%	17%	0.830	0.410	0.092		0.140			0.170									0.018												
GZ8	NA	Feb-00	158.72	11.90		2-12	4.00			154.72																														
		Apr-00					2.04			156.68																														
		Jul-00					3.09			155.63																														
		Oct-00					3.90			154.82																														
		Dec-00					3.43			155.29																														
		Apr-01					1.33			157.39																														
		Jul-01					2.41			156.31																														
		Aug-02					4.50			154.22																														
		Nov-02					1.99			156.73																														

Groundwater Sampling Database
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Sample Location	GW STANDARD	Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding		<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
GZ9	NA	Feb-00	158.71	10.20		9-11	4.02			154.69																														
		Apr-00	158.71				1.73			156.98																														
		Jul-00	158.71				3.11			155.60																														
		Oct-00	158.71				3.89			154.82																														
		Dec-00	158.71				3.38			155.33																														
		Apr-01	158.71				1.51			157.20																														
		Jul-01	158.71				2.64			156.07																														
		Aug-02	158.71				4.78			153.93																														
		Jun-03	158.71				0.58			158.13																														
		Sep-03	158.71				1.51			157.20																														
		Nov-03	Well Damaged																																					
GZ10	NA	Feb-00	158.84	8.10		6.5-8.5	4.55			154.29																														
		Apr-00					1.81			157.03																														
		Jul-00					3.29			155.55																														
		Oct-00					4.00			154.84																														
		Dec-00					3.42			155.42																														
		Apr-01					1.85			156.99																														
		Jul-01					3.05			155.79																														
		Aug-02					4.97			153.87																														
		Nov-02					2.35			156.49																														
		Jun-03					0.70			158.14																														
		Sep-03					1.60			157.24																														
		Nov-03					3.24			155.60																														
		Apr-08					1.22			157.62																														
GZ11	NA	Feb-00	158.94	10.00		8-10	4.60			154.34																														
		Apr-00					1.68			157.26																														
		Jul-00					3.65			155.29																														
		Oct-00					3.81			155.13																														
		Dec-00					3.53			155.41																														
		Apr-01					1.93			157.01																														
		Jul-01					3.05			155.89																														
		Aug-02					4.97			153.97																														
		Nov-02					3.18			155.76																														
		Jun-03					0.60			158.34																														
		Sep-03					1.83			157.11																														
		Nov-03					3.80			155.14																														
GZ12	NA	Apr-00	159.85	10.00		8-10	2.94			156.91																														
		Jul-00					4.92			154.93																														
		Oct-00					4.14			155.71																														
		Dec-00					3.05			156.80																														
		Aug-02					4.05			155.80																														
		Nov-02					2.48			157.37																														
		Sep-03	Well Destroyed																																					

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Sample Location	GW STANDARD	Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding		<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
GZ13	MEETS GW3, NEEDS TO MEET GW2	Apr-01	159.75	11.50		2-12	2.70			157.05	2931%	73%	23.180	0.450	0.130		17.000		1.200	4.400																					
		Jul-01					3.51			156.24																															
		May-02									377%	41%	3.375	0.280	0.091	0.028	1.400		0.076	0.640	0.860																			
		Aug-02					4.98			154.77																															
		Nov-02					4.28			155.47	541%	63%	3.011	0.260	0.091		1.900		0.160	0.600																					
		Jun-03					2.02			157.73																															
		Nov-03					4.11			155.64																															
		Apr-08					2.11			157.64	535%	67%	40.074	2.810	2.180	0.236	26.700		0.668	5.200	2.280																				
		May-08					2.72			157.03																															
		May-08					2.73			157.02																															
		May-08					2.95			156.80																															
		Jun-08					3.01			156.74																															
		Jun-08					3.18			156.57																															
		Jun-08					3.19			156.56																															
		Jul-08					3.48			156.27																															
		Jul-08					3.85			155.90	817%	71%	26.982	1.550	0.788		19.100		0.524	3.000	2.020																				
		Jul-08					3.80			155.95																															
		Aug-08					3.62			156.13																															
		Aug-08					3.54			156.21																															
		Sep-08					3.37			156.38																															
		Oct-08					2.86			156.89																															
		Oct-08					3.37			156.38	677%	73%	52.850	3.580	2.140		38.700		1.080	5.110	2.240																				
		Oct-08					3.04			156.71																															
		Nov-08					3.71			156.04																															
		Dec-08					2.88			156.87																															
		Jan-09					2.67			157.08	377%	64%	53.618	5.740	3.380	0.368	34.400		0.900	5.590	3.240																				
		Feb-09					2.50			157.25																															
		Mar-09					2.08			157.67																															
		Apr-09					2.39			157.36	298%	62%	2.631	0.390	0.154		1.620		0.056	0.257	0.154																				
		Jun-09					3.47			156.28	229%	57%	0.687	0.112	0.060		0.393		0.014	0.077	0.031																				
		Oct-09					4.35			155.40	180%	46%	0.455	0.075	0.042		0.211		0.011	0.064	0.052																				
		Apr-11									710%	65%	13.314	0.892	0.331	0.039	8.680	0.019	0.754	1.220	1.350				0.029																
		Jul-11					3.94			155.81	1161%	67%	6.434	0.230	0.143	0.033	4.330	0.012	0.222	0.499	0.896				0.021				0.046												0.003
		Aug-11					3.91			155.84																															
GZ14S	MEETS GW1	Apr-01	155.35	25.30		15-25	3.45			151.90	20%	17%	0.016	0.006	0.007		0.003																								
		Jul-01					3.71			151.64																															
		May-02					3.34			152.01	0%	0%	0.015	0.006	0.007					0.002																				
		Aug-02					4.86			150.49																															
		Nov-02					3.48			151.87	4%	3%	0.032	0.010	0.016		0.001			0.005																				
		Jun-03					3.26			152.09	0%	0%	0.020	0.007	0.010					0.003																				
		Sep-03					3.61			151.74																															
		Nov-03					3.57			151.78	0%	0%	0.020	0.006	0.010					0.003																				
		Jul-04									5%	4%	0.019	0.005	0.010		0.001			0.003																				
		Dec-04									1%	1%	0.104	0.064	0.034	0.001	0.001			0.004																				
		Jun-05									0%	0%	0.240	0.180	0.052					0.008																				
		Oct-05									0%	0%	0.126	0.087	0.036					0.003																				
		Mar-06									0%	0%	0.079	0.052	0.024					0.003																				
		Aug-06									0%	0%	0.098	0.064	0.031					0.003																				
		Mar-07					3.58			151.77	6%	5%	0.056	0.031	0.017	0.001	0.003		0.001	0.004																				
		Nov-07					3.95			151.40	0%	0%	0.173	0.120	0.048	0.002				0.003																				
		Apr-08					3.41			151.94																															
		Jul-08					3.98			151.37	0%	0%	0.008	0.002	0.006																									
		Oct-08					3.61			151.74																															
		Apr-09					3.40			151.95	0%	0%	0.006	0.002	0.004																									
		Jun-09					3.54			151.81																															
		Oct-09					3.67			151.68																															

Groundwater Sampling Database
General Chemical Corporation
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Sample Location	GW STANDARD	Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding		<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
GZ14M	NEEDS TO MEET GW3	Apr-01	155.35	79.00		69-79	3.34			152.01	0%	0%	7.707	4.800	2.400		0.017		0.250	0.240																				
		Jul-01					3.90			151.45																															
		May-02					3.45			151.90	0%	0%	12.470	7.200	3.900	0.440			0.460	0.470																				
		Aug-02					4.94			150.41																															
		Nov-02					3.64			151.71	0%	0%	11.520	6.900	3.500	0.300			0.410	0.410																				
		Jun-03					3.23			152.12	1%	1%	2.584	0.780	1.200	0.210	0.017		0.230	0.130																0.017				
		Sep-03					3.91			151.44																															
		Nov-03					3.68			151.67	1%	1%	2.829	0.740	1.300	0.260	0.019		0.300	0.210																				
		Jul-04									0%	0%	16.770	9.700	5.400	0.500			0.580	0.590																				
		Dec-04									0%	0%	13.850	7.700	4.600	0.490			0.550	0.510																				
		Jun-05									0%	0%	20.140	13.000	5.500	0.560			0.540	0.540																				
		Oct-05									0%	0%	15.670	9.400	4.800	0.480			0.490	0.500																				
		Mar-06									0%	0%	18.330	11.000	5.500	0.630			0.600	0.600																				
		Aug-06									0%	0%	18.260	11.000	5.500	0.570			0.580	0.610																				
		Mar-07					3.83			151.52	0%	0%	18.970	12.000	5.300	0.580			0.560	0.530																				
		Nov-07					4.28			151.07	0%	0%	10.270	5.900	3.300	0.300			0.470	0.300																				
		Apr-08					3.38			151.97																															
		Jul-08					4.27			151.08	0%	0%	16.915	10.800	4.670	0.471			0.534	0.440																				
		Oct-08					3.83			151.52																															
		Apr-09					3.42			151.93	0%	0%	19.642	13.100	5.510	0.548			0.484																					
		Jun-09					3.71			151.64																															
		Oct-09					3.91			151.44																															
GZ15S	MEETS GW1	Apr-01	156.47	14.00		4-14	6.09			150.38		0%	0.004						0.002	0.002																				
		Jul-01					6.23			150.24																															
		May-02					5.84			150.63		0%	0.015						0.005	0.010																				
		Aug-02					7.05			149.42																															
		Nov-02					5.73			150.74		0%	0.015						0.007	0.008																				
		Jun-03					5.65			150.82		0%	0.054						0.030	0.024																				
		Sep-03					6.00			150.47																															
		Nov-03					5.88			150.59		0%	0.000																												
		Jul-04									0%	0%	0.010	0.004	0.001				0.003	0.002																				
		Dec-04										0%	0.000																												
		Jun-05										0%	0.000																												
		Oct-05									0%	0%	0.015	0.009	0.002					0.004																				
		Mar-06										0%	0.003						0.002	0.001																				
		Aug-06										0%	0.000																												
		Mar-07					5.25			151.22		55%	0.022			0.001	0.012		0.002	0.006				0.001																
		Nov-07					6.02			150.45		0%	0.000																												
		Apr-08					5.99			150.48																															
		Oct-08					6.19			150.28																															
		Apr-09					5.98			150.49																															
		Jun-09					6.11			150.36																															
		Aug-11					6.14			150.33		0%	0.000																												
GZ15D	MEETS GW1	Apr-01	156.68	34.00		19-34	4.89			151.79																															
		Jul-01					5.46			151.22																															
		May-02					4.92			151.76	0%	0%	0.002	0.002																											
		Aug-02					6.92			149.76																															
		Nov-02					5.08			151.60	0%	0%	0.005	0.004	0.001																									
		Jun-03					4.51			152.17		0%	0.000																												
		Sep-03					5.59			151.09																															
		Nov-03					5.13			151.55		0%	0.000																												
		Jul-04									0%	0%	0.004	0.004	0.001																									
		Dec-04										0%	0.000																												
		Jun-05										0%	0.000																												
		Oct-05									0%	0%	0.013	0.008	0.002					0.003																				
		Mar-06										0%	0.000																												
		Aug-06										0%	0.000																												
		Mar-07					5.32			151.36		47%	0.030			0.001	0.014		0.002	0.007	0.005			0.001																
		Nov-07					5.97			150.71		0%	0.000																												
		Apr-08					4.72			151.96																															
		Oct-08					5.30			151.38																															
		Apr-09					4.74			151.94																															
		Jun-09					5.19			151.49																															
		Aug-11					5.49			151.19	95%	49%	0.007	0.003			0.003																						

Groundwater Sampling Database
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Sample Location	GW STANDARD	Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding		<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
GZ15R	MEETS GW1	Apr-01	156.51	53.00		48-53	4.52			151.99			0.022										0.013												0.009					
		Jul-01					5.20			151.31																															
		May-02					4.49			152.02			0.001										0.001																		
		Aug-02					6.86			149.65																															
		Nov-02					5.80			150.71			0.005	0.002	0.003																										
		Jun-03					4.21			152.30			0.003		0.002		0.001																								
		Sep-03					5.45			151.06																															
		Nov-03					5.36			151.15			0.002		0.002																										
		Jul-04											0.004	0.003	0.001																										
		Dec-04											0.000																												
		Jun-05											0.000																												
		Oct-05											0.016	0.009	0.003						0.004																				
		Mar-06											0.000																												
		Aug-06											0.000																												
		Mar-07					5.08			151.43			0.078			0.004	0.038		0.005	0.017	0.011			0.003																	
		Nov-07					6.11			150.40			0.000																													
		Apr-08					4.41			152.10																															
		Oct-08					5.02			151.49																															
		Apr-09					4.40			152.11																															
		Jun-09					4.89			151.62																															
		Aug-11					5.31			151.20			0.000																												
GZ16S	NA	Apr-01	158.54	12.00		7-12	6.09			152.45	0%	0%	0.010		0.010																										
		Jul-01					6.92			151.62																															
		May-02					5.64			152.90		0%	0.000																												
		Jun-03	Well Damaged																																					
		Apr-01					6.35			152.42		0%	0.000																												
GZ16M	MEETS GW2	Jul-01	158.77	50.00		40-50	7.05			151.72																															
		May-02					6.22			152.55		0%	0.001						0.001																			0.001			
		Aug-02					8.25			150.52																															
		Nov-02					6.29			152.48	6%	5%	0.079	0.050	0.016	0.001	0.004			0.008																				
		Jun-03					5.41			153.36		0%	0.000																												
		Sep-03					7.15			151.62																															
		Nov-07					6.97			151.80																															
		Apr-08					6.03			152.74		0%	0.000																												
		Oct-08					6.64			152.13	1%	0%	0.677	0.077	0.002		0.001			0.001													0.004			0.513				
		Oct-08					6.64			152.13	0%	0%	0.581	0.086																							0.415				
		Apr-09					6.08			152.69	0%	0%	0.390	0.005																				0.017			0.261				
		Jun-09					6.70			152.07																															
		Oct-09					7.12			151.65																															
GZ17S	MEETS GW1	Jul-01	158.18	14.00		4-14	7.08			151.10																															
		May-02					5.52			152.66																															
		Aug-02					8.92			149.26																															
		Jun-03					5.19			152.99																															
		Sep-03					7.23			150.95																															
		Nov-03					6.47			151.71																															
		Nov-07					7.70			150.48																															
		Apr-08					6.12			152.06		0%	0.000																												
		Oct-08					6.85			151.33		0%	0.000																												
		Apr-09					5.80			152.38																															
		Jun-09					6.52			151.66																															
		Aug-11					6.68			151.50		0%	0.000																												
GZ17M	MEETS GW1	Jul-01	158.06	50.00		40-50	6.13			151.93																															
		May-02					5.68			152.38																															
		Aug-02					7.89			150.17																															
		Jun-03					4.88			153.18																															
		Sep-03					6.31			151.75																															
		Nov-03					5.77			152.29																															
		Nov-07					6.89			151.17																															
		Apr-08					5.24			152.82		0%	0.000																												
		Oct-08					5.96			152.10		0%	0.001																									0.001			
		Apr-09					5.22			152.84																															
		Jun-09					5.84			152.22																															

Groundwater Sampling Database
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Sample Location	GW STANDARD	Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding		<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
GZ18S	NA	Jul-01	158.35	14.00		4-14	6.29			152.06																														
		May-02					5.19			153.16																															
		Aug-02					8.45			149.90																															
		Jun-03					5.10			153.25																															
		Sep-03					6.52			151.83																															
		Nov-03					5.80			152.55																															
		Nov-07					7.03			151.32																															
		Apr-08					5.41			152.94																															
		Oct-08					6.05			152.30																															
		Apr-09					5.35			153.00																															
		Jun-09					5.87			152.48																															
		Aug-11					6.04			152.31	94%	45%	0.019	0.002	0.008		0.009			0.001																					
GZ18M	MEETS GW1	Jul-01	158.31	45.50		35-45	4.40			153.91																															
		May-02					4.28			154.03																															
		Aug-02					6.33			151.98																															
		Jun-03					3.14			155.17																															
		Sep-03					4.95			153.36																															
		Nov-03					4.60			153.71																															
		Nov-07					5.89			152.42																															
		Apr-08					3.39			154.92		0%	0.000																												
		Oct-08					4.46			153.85		0%	0.000																												
		Apr-09					3.60			154.71																															
		Jun-09					4.34			153.97																															
		Aug-11					4.81			153.50		0%	0.000																												
GZ19DD	NEEDS TO MEET GW3	Apr-01	154.15	48.00		38-48	1.60			152.55	8%	5%	102.700	49.000	23.000		5.500		1.600	14.000		8.200						1.400													
		Jul-01					1.52			152.63																															
		Nov-01					2.72			151.43																															
		May-02					1.41			152.74	6%	4%	276.700	130.000	58.000	6.700	11.000			40.000		31.000																			
		Aug-02					4.91			149.24																															
		Nov-02					1.97			152.18	7%	4%	206.100	97.000	43.000	4.900	9.200			29.000		23.000																			
		Mar-03					2.72			151.43																															
		Jun-03					0.90			153.25	223%	42%	105.300	12.000	7.700	4.600	44.000		1.000	14.000		22.000																			
		Sep-03					1.96			152.19																															
		Nov-03					1.82			152.33	277%	40%	95.880	6.700	7.000	4.200	38.000		0.980	15.000		24.000																			
		Jul-04									8%	4%	247.500	79.000	52.000	5.500	10.000			45.000		56.000																			
		Dec-04									10%	6%	245.300	94.000	48.000	6.300	14.000			39.000		44.000																			
		Jun-05									52%	22%	134.010	32.000	26.000	4.300	30.000		0.710	16.000		25.000																			
		Oct-05									19%	10%	178.400	55.000	35.000	4.400	17.000			29.000		38.000																			
		Aug-06									53%	21%	136.630	30.000	25.000	4.000	29.000		0.630	25.000		23.000																			
		Mar-07					5.72			148.43	24%	16%	51.950	24.000	11.000	1.400	8.300		0.650	6.600																					
		Nov-07					4.65			149.50	82%	30%	99.800	32.000	4.800	2.100	30.000		1.200	7.700		22.000																			
		Apr-08					0.76			153.39																															
		Oct-08					3.01			151.14																															
		Apr-09					1.99			152.16	47%	27%	33.734	13.800	5.870	0.802	9.220		0.476	2.570	0.996																			
		Jun-09					1.77			152.38	45%	21%	136.820	50.400	12.800	3.130	28.600		1.200	12.600	5.190	22.900																			
		Oct-09					2.10			152.05	36%	17%	154.250	58.900	14.400	3.890	26.300		1.040	15.900	8.520	25.300																			
WMW1S	MEETS GW1	Nov-05	158.97	15.00		5-15					0%	0%	0.035	0.020	0.005			0.001		0.008																			0.001		
		Aug-06									0%	0%	0.875	0.740	0.086					0.049																					
		Mar-07					4.10			154.87	12%	10%	0.020	0.013	0.004		0.002			0.001																					
		Nov-07					3.43			155.54		0%	0.000																												
		Apr-08					1.96			157.01		0%	0.000																												
		May-08					2.95			156.02																															
		Jun-08					2.25			156.72																															
		Jul-08					3.46			155.51		0%	0.000																												
		Aug-08					3.10			155.87																															
		Sep-08					3.22			155.75																															
		Oct-08					3.32			155.65	0%	0%	0.002	0.002																											
		Dec-08					2.04			156.93																															
		Jan-09					2.14			156.83	0%	0%	0.000																												
		Mar-09					1.28			157.69																															
		Apr-09					1.60			157.37																															
		Jun-09					2.21			156.76																															
		Oct-09					2.92			156.05																															

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Sample Location	GW STANDARD	Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding		<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
WMW2S	MEETS GW1	Oct-05	161.55	14.40		5-15					0%	0%	0.137	0.015	0.004	0.003			0.033	0.082																				
		Mar-06									0%	0%	0.020	0.015	0.003				0.001	0.001																				
		Aug-06									0%	0%	0.640	0.540	0.050					0.050																				
		Mar-07					5.07			156.48	7%	2%	0.088	0.025	0.005	0.003	0.002		0.013	0.038					0.001													0.001		
		Nov-07					6.27			155.28		0%	0.027			0.001			0.008	0.018																				
		Apr-08					3.57			157.98		0%	0.004						0.001	0.003																				
		Oct-08					4.40			157.15		0%	0.005						0.002	0.003																				
		Apr-09					3.06			158.49																															
		Jun-09					4.23			157.32																															
		Oct-09					5.73			155.82																															
		Aug-11					4.83			156.72	0%	0%	0.000																												
WMW2D	MEETS GW1	Oct-05	161.38	39.30		15-45					4%	3%	0.039	0.020	0.006		0.001			0.010																0.001		0.001			
		Mar-06									0%	0%	0.110	0.009	0.001	0.004			0.021	0.075																				
		Aug-06									0%	0%	0.420	0.370	0.032					0.018																				
		Mar-07					5.92			155.46	7%	6%	0.032	0.022	0.005		0.002		0.001	0.002																				
		Nov-07					6.56			154.82		0%	0.001						0.001	0.001																				
		Apr-08					2.86			158.52		0%	0.001							0.001																				
		Oct-08					4.93			156.45		0%	0.003						0.001	0.002																				
		Apr-09					3.78			157.60																															
		Jun-09					4.85			156.53																															
WMW3	MEETS GW1	Oct-05	164.14	19.50		10-20					4%	2%	0.205	0.100	0.024		0.005			0.042			0.030															0.004			
		Mar-06									6%	5%	0.389	0.220	0.074		0.019			0.057			0.019																	
		Aug-06									2%	2%	0.243	0.190	0.035		0.004			0.014																				
		Mar-07					7.82			156.32	85%	38%	0.060	0.021	0.006	0.001	0.023		0.001	0.007			0.001									0.001								
		Nov-07					9.17			154.97	340%	23%	0.073	0.003	0.002		0.017		0.003	0.006									0.006		0.006					0.003	0.019			0.008
		Apr-08					5.78			158.36	0%	0%	0.005	0.003						0.002																				
		Oct-08					7.20			156.94	0%	0%	0.003	0.002						0.002																				
		Apr-09					6.18			157.96																															
		Jun-09					7.25			156.89																															
		Oct-09					8.18			155.96	0%	0%	0.004	0.002						0.002																				
WMW4	NEEDS TO MEET GW2	Mar-06	162.34	13.80		5-15					156%	50%	18.220	5.300	0.540		9.100		0.160		2.800																				0.110
		Aug-06									113%	36%	24.990	5.900	2.100	0.320	9.000		0.160	0.530	2.000	4.700									0.210								0.100
		Mar-07					6.38			155.96	137%	33%	41.880	6.400	3.800	1.400	14.000			11.000	2.500	2.500									0.180								0.100
		Nov-07					7.33			155.01	261%	47%	61.080	7.900	3.200	1.200	29.000			15.000	2.500	2.000									0.180								0.100
		Apr-08					4.57			157.77	440%	48%	30.532	2.080	1.280	0.507	14.800		0.175	10.700	0.703										0.287								
		May-08					5.23			157.11																															
		May-08					5.44			156.90																															
		Jun-08					5.72			156.62																															
		Jun-08					5.81			156.53																															
		Jun-08					5.82			156.52																															
		Jun-08					5.65			156.69																															
		Jul-08					6.21			156.13																															
		Jul-08					3.47			158.87																															
		Jul-08					3.43			158.91																															
		Aug-08					4.54			157.80																															
		Aug-08					6.62			155.72																															
		Sep-08					6.08			156.26																															
		Oct-08					5.78			156.56																															
		Oct-08					5.89			156.45	411%	49%	46.800	3.610	1.940	0.575	22.800		0.565	16.100	1.210																				
		Oct-08					5.81			156.53																															
		Dec-08					5.49			156.85																															
		Jan-09					5.10			157.24																															
		Feb-09					5.38			156.96																															
		Mar-09					4.93			157.41																															
		Apr-09					5.22			157.12	187%	37%	12.020	1.940	0.432	0.158	4.440		0.062	4.500	0.488																				
		Jun-09					6.13			156.21	87%	15%	30.012	3.680	1.480	0.562	4.480			18.600	1.210																				
		Oct-09					7.14			155.20	72%	18%	24.103	4.930	1.140	0.163	4.370			12.400	1.100																				
		Apr-11									101%	33%	20.639	5.970	0.814		6.880		0.155	5.360	1.310										0.150								
		Jul-11					6.54			155.80	70%	23%	10.158	2.520	0.786	0.060	2.320		0.099	2.930	1.070			0.002					0.058	0.013		0.230		0.016		0.002	0.002	0.008			0.014
		Aug-11					6.53			155.81																															

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Sample Location	GW STANDARD	Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding		<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
WMW5	NEEDS TO MEET GW2	Oct-05	163.19	14.20		5-15					41%	28%	0.225	0.130	0.025		0.063			0.007																				
		Mar-06									45%	25%	39.540	11.000	11.000	0.340	10.000			7.200																				
		Aug-06										56%	70.800			1.700	40.000		0.500	23.000		5.600																	
		Mar-07					7.37			155.82	167%	42%	35.780	5.300	3.700	0.780	15.000			11.000																				
		Nov-07					9.35			153.84	632%	65%	36.700	1.900	1.900	0.730	24.000		0.470	7.700																				
		Apr-08					5.67			157.52	408%	62%	8.576	0.680	0.623	0.094	5.310		0.087	1.710	0.072																			
		May-08					6.42			156.77																															
		May-08					6.60			156.59																															
		May-08					6.89			156.30																															
		Jun-08					7.05			156.14																															
		Jun-08					7.24			155.95																															
		Jun-08					7.26			155.93																															
		Jun-08					7.18			156.01																															
		Jul-08					7.43			155.76																															
		Jul-08					7.87			155.32	695%	68%	12.287	0.527	0.668	0.152	8.310		0.135	2.380	0.115																			
		Jul-08					7.77			155.42																															
		Aug-08					7.64			155.55																															
		Aug-08					7.38			155.81																															
		Sep-08					7.21			155.98																															
		Oct-08					6.97			156.22																															
		Oct-08					7.47			155.72	867%	72%	10.076	0.515	0.327	0.129	7.300		0.125	1.680																				
		Oct-08					7.29			155.90																															
		Nov-08					7.95			155.24																															
		Jan-09					5.97			157.22	232%	55%	5.456	0.829	0.467	0.045	3.010		0.032	1.020	0.054																			
		Feb-09					6.28			156.91																															
		Mar-09					5.75			157.44																															
		Apr-09					6.24			156.95	189%	53%	2.855	0.516	0.281		1.510			0.489	0.059																			
		Jun-09					7.18			156.01	436%	64%	4.671	0.446	0.240	0.044	2.990		0.045	0.854	0.053																			
		Oct-09					8.31			154.88	868%	72%	3.595	0.214	0.086	0.037	2.600		0.042	0.587	0.030																			
		Apr-11									51%	28%	1.383	0.546	0.201		0.383			0.194	0.059																			
		Jul-11					7.78			155.41	174%	50%	1.265	0.238	0.128	0.013	0.636	0.002	0.015	0.202	0.031																			
WMW6	NEEDS TO MEET GW2	Oct-05	160.02	34.25		10-40					53%	20%	142.700	35.000	18.000	3.700	28.000			57.000																		1.000			
		Mar-06									408%	32%	130.300	6.000	4.300	2.000	42.000			63.000	13.000																			
		Aug-06					5.81			154.21	123%	28%	115.000	13.000	13.000	2.400	32.000			36.000	12.000	6.600																			
		Feb-07					5.81	5.64	0.17	154.34																															
		Feb-07					6.10	5.99	0.11	154.00																															
		Mar-07					3.97	3.86	0.11	156.13	185%	30%	103.900	11.000	5.800	1.300	31.000		2.800	38.000	14.000																			
		Apr-07					4.75	4.65	0.10	155.35																															
		Apr-07					4.74	4.62	0.12	155.37																															
		May-07					3.48	3.33	0.15	156.65																															
		May-07					4.16			155.86																															
		May-07					3.79			156.23																															
		Jun-07					4.03			155.99																															
		Sep-07					7.41	6.84	0.57	153.04																															
		Nov-07					6.75			153.27																															
		Apr-08					3.65			156.37	182%	38%	48.090	5.650	4.400	0.680	18.300			16.900	2.160																			
		May-08					2.92	2.85	0.07	157.15																															
		May-08					2.79	2.73	0.06	157.28																															
		May-08					3.27	3.22	0.05	156.79																															
		Jun-08					3.51	3.44	0.07	156.56																															
		Jun-08					4.84	4.78	0.06	155.23																															
		Jun-08					4.85	4.80	0.05	155.21																															
		Jun-08					4.57	4.53	0.04	155.48																															
		Jul-08					4.96	4.92	0.04	155.09																															
		Oct-08					5.60	5.46	0.14	154.53	346%	46%	56.818	4.160	3.410	1.060	26.200		0.408	20.000	1.580																			
		Oct-08					7.29			152.73																															
		Nov-08					4.50			155.52																															
		Dec-08					2.94			157.08																															
		Jan-09					3.45			156.57																															
		Mar-09					3.15			156.87																															
		Apr-09					3.10			156.92	224%	37%	13.118	1.560	0.586	0.210	4.810		0.064	3.980	1.600	0.308																	
		Jun-09					4.67			155.35	2135%	79%	23.170	0.780	0.082	0.494	18.400		0.444	1.970	0.160	0.786		0.054															
		Oct-09					5.60			154.42	234%	36%	21.228	1.970	1.260	0.188	7.550			6.600	3.660																			
		Jul-11					5.36			154.66	4406%	37%	91.019	0.565	0.209	0.981	34.100		0.308	51.708	1.770	0.671	0.004	0.086		0.005		0.210	0.006		0.079		0.005	0.003	0.064	0.034	0.105	0.004	0.003	0.042
		Aug-11					4.76			155.26																															

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Sample Location		Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding	GW STANDARD	<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
WMW7	MEETS GW1	Oct-05	161.12	14.85		5-15					17%	6%	0.063	0.018	0.005	0.003	0.004	0.001	0.009	0.008				0.002											0.001	0.007	0.005			
		Mar-06									25%	4%	0.068	0.010	0.002	0.004	0.003		0.004					0.001					0.003		0.027				0.001		0.009			0.004
		Aug-06									0%	0%	0.677	0.570	0.059					0.033											0.015									
		Mar-07					6.48			154.64	15%	8%	0.087	0.035	0.011	0.001	0.007	0.001	0.010	0.002				0.002					0.008		0.003					0.005	0.002			0.001
		Nov-07					6.31			154.81		0%	0.006						0.006																					
		Apr-08					3.74			157.38		0%	0.005						0.003																	0.002				
		Oct-08					4.98			156.14	59%	19%	0.007	0.002			0.001		0.003																					
		Apr-09					3.59			157.53																														
		Jun-09					4.59			156.53																														
		Oct-09					5.11			156.01																														
MP8S1	GW2	Jul-09				15-20																																	
		Jul-09																																					
		Jul-09											14.724	0.117	0.130	0.252	10.200		0.256	2.040	1.600			0.129															
MP8S2	GW2	Jul-09				15-20																																	
		Jul-09																																					
		Jul-09											50.238	6.090	6.970	0.898	24.500			9.380	2.400																		
MP8S3	GW2	Jul-09				15-20																																	
		Jul-09																																					
		Jul-09											26.355	1.800	3.480	0.493	13.500		1.320	3.390	1.670			0.702															
MP8S4	GW2	Jul-09				15-20																																	
		Jul-09																																					
		Jul-09											10.173	3.660	3.860	0.086	1.350		0.026	0.526	0.587			0.078															
WMW8S	NEEDS TO MEET GW2	Aug-06	155.70	20.00		5-20					46%	26%	7.040	1.200	2.700	0.080	1.800			0.690	0.570																		
		Mar-07					4.55			151.15		64%	87.900			2.400	56.000		11.000	11.000				7.500															
		Nov-07					4.95			150.75	826%	64%	89.500	5.800	1.100	2.200	57.000			22.000				1.400															
		Apr-08					4.35			151.35	1619%	62%	31.915	0.635	0.588	0.618	19.800		0.706	5.180	3.920			0.444							0.024								
		May-08					4.55			151.15																														
		Jun-08					4.89			150.81																														
		Jul-08					4.80			150.90																														
		Aug-08					4.78			150.92																														
		Sep-08					4.65			151.05																														
		Oct-08					4.55			151.15	1720%	63%	25.432	0.635	0.295	0.570	16.000		2.250	2.500	2.490			0.692															
		Nov-08					3.92			151.78																														
		Dec-08					4.05			151.65																														
		Jan-09					4.12			151.58																														
		Feb-09					4.06			151.64																														
		Mar-09					4.07			151.63																														
		Apr-09					4.09			151.61	741%	68%	24.522	1.090	1.150	0.380	16.600		0.252	3.520	1.530																		
		Jun-09					4.23			151.47	787%	67%	23.902	0.932	1.100	0.370	16.000		0.350	3.750	1.400																		
		Jul-09																																					
		Oct-09									612%	66%	21.968	0.570	1.800	0.410	14.500		0.368	2.830	1.490																		
		Aug-11					4.26			151.44	101%	38%	5.682	0.438	1.730	0.114	2.180	0.002	0.041	0.764	0.361			0.017	0.003			0.030								0.001		

Groundwater Sampling Database
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Sample Location	GW STANDARD	Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding		<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
WMW8D	NEEDS TO MEET GW3	Aug-06	155.79	52.55		45-55					0%	0%	146.000	110.000	14.000					22.000																				
		Feb-07					4.04	51.02	1.53	151.75																																
		Mar-07					3.87	51.02	1.53	151.92																																
		Mar-07					3.34	52.31	0.24	152.45																																
		Mar-07					2.77	52.31	0.24	153.02																																
		Mar-07					2.78			153.01																																
		Apr-07					2.08			153.71																																
		Apr-07					2.71			153.08																																
		May-07					2.37			153.42																																
		May-07					2.81			152.98																																
		May-07					2.48			153.31																																
		Jun-07					2.71	51.31	1.24	153.08																																
		Jun-07					2.75	51.25	1.30	153.04																																
		Jun-07					2.88	52.39	0.16	152.91																																
		Jul-07					3.84	51.79	0.76	151.95																																
		Jul-07					3.73	51.72	0.83	152.06																																
		Aug-07					3.97	51.51	1.04	151.82																																
		Aug-07					4.21			151.58																																
		Aug-07					4.52			151.27																																
		Sep-07					4.66			151.13																																
		Sep-07					4.25			151.54																																
		Sep-07					4.65			151.14																																
		Sep-07					4.69	52.15	0.40	151.10																																
		Oct-07					4.60	52.16	0.39	151.19																																
		Oct-07					4.90	51.89	0.66	150.89																																
		Nov-07					4.64	51.70	0.85	151.15																																
		Nov-07					4.55			151.24																																
		Apr-08					2.56			153.23	0%	0%	170.200	139.000	10.200					21.000																				
		May-08					3.11			152.68																																
		Jun-08					3.70			152.09																																
		Jul-08					3.65			152.14																																
		Aug-08					3.52			152.27																																
		Sep-08					3.44			152.35																																
		Oct-08					3.33			152.46	0%	0%	200.100	168.000	13.400					18.700																				
		Nov-08					2.96			152.83																																
		Dec-08					2.56			153.23																																
		Jan-09					2.55			153.24																																
		Feb-09					2.58			153.21																																
		Mar-09					2.31			153.48																																
		Apr-09					2.40	52.04	0.51	153.39	0%	0%	2699.800	2590.000	50.600					59.200																				
		Jun-09					2.76	52.29	0.26	153.03																																
		Jul-09																																						
		Oct-09					3.18			152.61																																
MW9	MEETS GW3, NEEDS TO MEET GW2	Apr-08	160.58	20.00	4-20	5-20	3.55			157.03	365%	55%	26.571	1.450	2.520	0.466	14.500		0.301	7.030	0.304																				
		May-08					3.51			157.07																																
		May-08					3.66			156.92																																
		May-08					3.81			156.77																																
		Jun-08					4.04			156.54																																
		Jun-08					4.30			156.28																																
		Jun-08					4.25			156.33																																
		Jun-08					4.09			156.49																																
		Jul-08					4.42			156.16																																
		Jul-08					4.87			155.71	338%	53%	26.818	1.580	2.620	0.502	14.200		0.200	7.360	0.356																				
		Jul-08					4.84			155.74																																
		Aug-08					4.75			155.83																																
		Oct-08					4.45			156.13	305%	53%	19.593	1.380	2.000	0.497	10.300		0.155	4.920	0.341																				
		Oct-08					4.36			156.22																																
		Nov-08					4.91			155.67																																
		Dec-08					3.42			157.16																																
		Jan-09					2.91			157.67	264%	51%	10.709	0.897	1.160	0.240	5.430			2.800	0.182																				
		Feb-09					3.17			157.41																																
		Mar-09					2.56			158.02																																
		Apr-09					3.14			157.44	223%	44%	4.243	0.390	0.454	0.084	1.880		0.033	1.300	0.102																				
		Jun-09					4.07			156.51	269%	51%	7.442	0.580	0.830	0.161	3.790		0.058	1.890	0.133																				
		Oct-09					5.28			155.30	305%	51%	14.923	1.090	1.390	0.337	7.570		0.098	4.130	0.308																				
		Apr-11									141%	41%	0.379	0.059	0.050	0.007	0.154			0.097	0.011																				

Groundwater Sampling Database
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Sample Location	GW STANDARD	Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding		<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
MW10	MEETS GW2	Apr-08	162.58	20.00	4-20	5-20	5.23			157.35	229%	51%	1.169	0.132	0.128	0.013	0.596		0.009	0.282	0.009																				
		May-08					6.00			156.58																																
		May-08					6.15			156.43																																
		May-08					6.33			156.25																																
		Jun-08					6.51			156.07																																
		Jun-08					6.78			155.80																																
		Jun-08					6.69			155.89																																
		Jun-08					6.49			156.09																																
		Jul-08					6.94			155.64																																
		Jul-08					7.30			155.28	197%	47%	1.280	0.162	0.140	0.018	0.596		0.009	0.337	0.019																				
		Jul-08					7.26			155.32																																
		Aug-08					7.01			155.57																																
		Aug-08					6.94			155.64																																
		Sep-08					7.19			155.39																																
		Oct-08					7.28			155.30																																
		Oct-08					7.09			155.49	107%	37%	0.384	0.082	0.049	0.005	0.141	0.001	0.003	0.096	0.007																				
		Oct-08					7.02			155.56																																
		Nov-08					7.52			155.06																																
		Dec-08					5.85			156.73																																
		Jan-09					5.46			157.12	67%	26%	0.245	0.060	0.036	0.003	0.064		0.001	0.077	0.003																				
		Feb-09					5.85			156.73																																
		Mar-09					5.30			157.28																																
		Apr-09					5.72			156.86	76%	30%	0.113	0.030	0.014	0.002	0.034			0.031	0.003																				
		Jun-09					6.75			155.83	70%	28%	0.140	0.039	0.017	0.003	0.040			0.038	0.003																				
		Oct-09					7.85			154.73																																
		Jul-10									0%	0%	0.005	0.005																												
		Jan-11									30%	19%	0.018	0.009	0.002		0.003			0.003																				
		Apr-11									0%	0%	0.003	0.003																												
		Aug-11					7.52			155.06	0%	0%	0.003	0.003																												
		Aug-11					7.17			155.41																																
MW11	MEETS GW2	Apr-08	166.83	20.00	4-20	5-20	9.23			157.60	68%	14%	0.054	0.006	0.006	0.002	0.008			0.030	0.003																				
		May-08					9.92			156.91																																
		May-08					10.80			156.03																																
		Jun-08					10.59			156.24																																
		Jun-08					10.69			156.14																																
		Jun-08					10.87			155.96																																
		Jun-08					10.73			156.10																																
		Jul-08					11.01			155.82																																
		Jul-08					11.31			155.52	0%	0%	0.010	0.001	0.001					0.005	0.003																				
		Jul-08					11.13			155.70																																
		Aug-08					11.09			155.74																																
		Aug-08					10.91			155.92																																
		Sep-08					10.96			155.87																																
		Oct-08					10.88			155.95																																
		Oct-08					11.02			155.81	110%	30%	0.033	0.005	0.004		0.010			0.010	0.004																				
		Oct-08					10.95			155.88																																
		Nov-08					11.54			155.29																																
		Dec-08					10.01			156.82																																
		Jan-09					9.55			157.28	100%	26%	0.027	0.004	0.003		0.007			0.009	0.004																				
		Feb-09					9.95			156.88																																
		Mar-09					3.80			163.03																																
		Apr-09					9.96			156.87	0%	0%	0.009	0.001						0.004	0.003																				
		Jun-09					10.96			155.87	0%	0%	0.008	0.002						0.003	0.002																				
		Oct-09					11.96			154.87																																
		Jul-10									0%	0%	0.005							0.002	0.003																				
		Jan-11									0%	0%	0.002								0.002																				
		Apr-11									0%	26%	0.022	0.002	0.003		0.006			0.007	0.004																				
		Jul-11					11.35			155.48	0%	0%	0.004							0.002	0.002																				
		Aug-11					11.31			155.52																																

Groundwater Sampling Database
General Chemical Corporation
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Sample Location	GW STANDARD	Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding		<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
MW12	MEETS GW2	Apr-08	157.96	20.00	4-20	5-20	3.78			154.18	162%	51%	0.237	0.010	0.065	0.003	0.121		0.006	0.019	0.013																				
		May-08					4.31			153.65	168%	52%	0.276	0.013	0.071	0.004	0.142		0.007	0.022	0.016																				
		May-08					4.60			153.36																																
		Jun-08					4.87			153.09																																
		Jun-08					5.03			152.93																																
		Jun-08					4.94			153.02																																
		Jun-08					4.35			153.61																																
		Jul-08					4.87			153.09																																
		Jul-08					5.24			152.72	462%	71%	0.325	0.007	0.043		0.232		0.011	0.026	0.005																				
		Aug-08					4.82			153.14																																
		Sep-08					4.45			153.51																																
		Oct-08					3.92			154.04																																
		Oct-08					4.74			153.22	272%	58%	0.450	0.022	0.074	0.008	0.261		0.014	0.042	0.030																				
		Nov-08					4.65			153.31																																
		Dec-08					3.77			154.19																																
		Jan-09					3.93			154.03	287%	59%	0.590	0.028	0.092	0.010	0.346		0.017	0.055	0.041																				
		Feb-09					3.92			154.04																																
		Mar-09					3.32			154.64																																
		Apr-09					3.90			154.06	390%	61%	0.712	0.031	0.081	0.014	0.438		0.022	0.066	0.043				0.017																
		Jun-09					4.75			153.21	384%	62%	0.821	0.045	0.087	0.017	0.505		0.034	0.078	0.055																				
		Oct-09					5.14			152.82	359%	60%	0.971	0.055	0.106	0.021	0.579		0.031	0.100	0.079																				
		Jul-10									294%	60%	0.954	0.057	0.139	0.016	0.576		0.026	0.082	0.059																				
		Jan-11									306%	61%	0.684	0.040	0.096	0.012	0.416		0.019	0.068	0.033																				
		Apr-11									283%	61%	0.589	0.034	0.094		0.361		0.021	0.052	0.027																				
		Aug-11					4.90			153.06	171%	47%	0.750	0.067	0.140	0.015	0.354		0.025	0.103	0.039	0.003			0.005																
MW13	MEET'S GW1	Nov-08	164.31	25.00	4-25	5-25	8.22			156.09	154%	24%	0.274	0.020	0.023	0.011	0.067		0.002	0.128	0.023																				
		Dec-08					6.89			157.42																																
		Jan-09					6.50			157.81	78%	12%	0.145	0.013	0.010	0.006	0.018			0.077	0.021																				
		Feb-09					6.86			157.45																																
		Mar-09					6.62			157.69																																
		Apr-09					6.81			157.50	95%	17%	0.045	0.005	0.004	0.002	0.008			0.015	0.012																				
		Jun-09					7.83			156.48	102%	16%	0.032	0.003	0.002	0.001	0.005			0.012	0.008																				
		Oct-09					8.83			155.48	132%	23%	0.023	0.002	0.002	0.001	0.005			0.009	0.004																				
		Jul-10									0%	0%	0.002							0.001	0.001																				
		Apr-11									0%	7%	0.015				0.001			0.001	0.013																				
		Jul-11					7.98			156.33	0%	0%	0.007								0.007																				
		Aug-11					8.19			156.12																																
MW14	NEEDS TO MEET GW2	Nov-08	158.70	25.00	4-25	5-25	3.40			155.30	628%	59%	16.949	0.947	0.640	0.288	9.960		0.406	2.080	0.943	0.599		0.668																	0.418
		Jan-09					2.38			156.32	284%	47%	21.005	2.250	1.220	0.308	9.860		0.472	2.260	3.060			1.230								0.345								
		Mar-09					1.98			156.72																																
		Apr-09					2.17			156.53	2481%	68%	7.702	0.142	0.070		5.260		0.362	0.106	0.442			1.320																
		Jun-09					3.23			155.47	6159%	71%	6.018	0.069			4.250		0.335	0.068	0.197			0.892								0.138								0.069
		Oct-09					3.90			154.80	0%	74%	4.954				3.680		0.249		0.104			0.818								0.103								
		Jan-11									1915%	57%	2.206	0.035	0.031		1.260		0.119	0.050	0.088			0.400								0.146				0.027				0.051
		Apr-11									207%	44%	7.714	0.986	0.642	0.104	3.370		0.153	0.497	0.936			0.745								0.127			0.026	0.022	0.035			0.071
		Jul-11					3.78			154.92	18676%	59%	3.209	0.007	0.003	0.039	1.890	0.004	0.154	0.130	0.098	0.007		0.448				0.011	0.008		0.191		0.012	0.005	0.025	0.029	0.073			0.057
		Aug-11					3.87			154.83																															
MW15		Aug-11	NSVD				6.82				291%	44%	10.383	1.390	0.193	0.137	4.600		0.290	2.910	0.472	0.025									0.181					0.031	0.075			0.079
MW16		Aug-11	NSVD				4.23				4234%	27%	65.146	0.274	0.144	0.286	17.700	0.068	2.610	42.500	1.240	0.024	0.002	0.030	0.003	0.002			0.002		0.040		0.002	0.002	0.019	0.006	0.021			0.025
MW17		Aug-11	NSVD				3.77				192%	47%	12.443	2.470	0.616	0.306	5.910	0.030	0.138	2.630	0.137	0.053	0.005	0.006	0.001			0.022	0.003		0.054		0.004	0.002	0.011	0.005	0.012			0.020
MW18S		Sep-11	NSVD				2.48				110%	34%	2.774	0.384	0.470	0.094	0.942	0.002	0.019	0.781	0.080			0.002																
		Sep-11					2.69																																		
MW-18M		Sep-11	NSVD				TOC							28.100	5.050		2.600	0.081	0.349	11.900	0.475		0.001	0.004		0.011		0.031						0.006	0.001		0.014	0.004	
MW-19		Sep-11	NSVD				4.50																																	
MW-20		Sep-11	NSVD				5.68																																	
MW-21R		Sep-11	NSVD				5.71																																	
MW22		Aug-11	NSVD				4.70				68%	26%	162.327	47.100	15.300	3.740	42.500		1.330	43.700	4.780	0.680	0.013	0.254		0.019	0.718	0.475	0.019		0.276		0.015	0.009	0.314	0.189	0.622	0.006	0.003	0.156
MW23		Aug-11	NSVD				4.73				43%	20%	81.270	31.100	6.420	0.776	16.300	0.147	0.234	20.200	5.080	0.365	0.004	0.023		0.004		0.226	0.007		0.099		0.010	0.001	0.085	0.025	0.076	0.003	0.002	0.053

Groundwater Sampling Database
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Sample Location	GW STANDARD	Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding		<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
RW1	MEETS GW3	Nov-05	159.21	40.00		5-40					11%	9%	5.160	0.820	3.500	0.060	0.490			0.290																				
		Oct-06									213%	42%	61.210	4.900	7.300	1.500	26.000		0.410	18.000		3.100																		
		Mar-07									129%	37%	32.090	4.200	5.100	0.790	12.000			10.000																				
		Aug-07									274%	54%	42.820	3.600	4.800	1.100	23.000		0.320	10.000																				
		Nov-07					9.40			149.81	111%	30%	88.800	16.000	8.300	2.000	27.000			33.000		2.500																		
		Apr-08					4.36			154.85	147%	41%	16.566	1.540	3.100	0.324	6.840		0.110	4.310	0.342																			
		May-08					4.57			154.64																															
		Jun-08					4.37			154.84																															
		Jul-08					4.45			154.76																															
		Jul-08									85%	37%	53.344	18.700	4.600	0.522	19.800		0.432	8.480	0.810																			
		Aug-08					3.93																																	
		Sep-08					4.26																																	
		Oct-08					4.30			154.91																															
		Nov-08					4.45			154.76																															
		Apr-09					2.80			156.41	95%	25%	19.415	3.280	1.750	0.291	4.770		0.146	5.410	0.758			0.124							1.140								
		Jun-09					3.80			155.41																															
		Oct-09					4.83			154.38																															
RW2	MEETS GW3	Nov-05	158.79	40.00		5-40					73%	25%	51.630	13.000	4.700	0.820	13.000		0.310	9.600	4.100	6.100																		
		Mar-06									84%	28%	50.250	10.000	6.700	0.750	14.000		0.200	8.800	3.700	6.100																		
		Jun-06									99%	32%	40.450	8.000	5.100	0.530	13.000		0.320	7.200	2.000	4.300																		
		Oct-06									164%	39%	59.240	8.100	5.900	1.000	23.000		0.340	13.000	2.700	5.200																		
		Mar-07					10.22			148.57	225%	44%	45.200	4.100	4.800	1.100	20.000		0.300	11.000	2.000	1.900																		
		Aug-07								158.79	190%	43%	51.000	6.300	5.300	1.200	22.000		0.300	12.000	2.000	1.900																		
		Nov-07					9.81			148.98	152%	42%	55.400	11.000	4.100	1.100	23.000		0.300	12.000	2.000	1.900																		
		Apr-08					2.99			155.80	641%	55%	34.590	1.330	1.650	0.603	19.100		0.252	9.800	0.842	0.624									0.196						0.053			0.141
		Oct-08					8.31			150.48	213%	42%	53.490	7.050	3.360	1.140	22.200		0.360	16.500	2.880																			
		Apr-09					5.65			153.14																															
		Jun-09					4.06			154.73																															
		Oct-09					4.88			153.91																															
RW3	NEEDS TO MEET GW3	Jun-06	160.63	40.00		5-40					64%	18%	255.800	32.000	38.000	6.800	45.000			92.000	18.000	24.000																		
		Oct-06									79%	21%	227.900	35.000	26.000	4.900	48.000			89.000	13.000	12.000																		
		Feb-07					13.78	13.75	0.03	146.87	106%	26%	202.300	30.000	19.000	5.400	52.000			70.000	16.000	9.900																		
		Mar-07					5.41	5.20	0.21	155.38																															
		Apr-07					22.87	22.59	0.28	137.97																															
		Apr-07					18.25			142.38																															
		May-07					14.48	14.32	0.16	146.27																															
		May-07					15.25	14.41	0.84	146.02																															
		May-07					15.61	15.41	0.20	145.17																															
		May-07					16.80	16.31	0.49	144.20																															
		Jun-07					17.20	14.41	2.79	145.55																															
		Jun-07					16.44	16.19	0.25	144.38																															
		Jun-07					17.04	16.91	0.13	143.69																															
		Jun-07					17.74	17.71	0.03	142.91																															
		Jul-07					17.53	17.49	0.04	143.13																															
		Aug-07					15.72	15.67	0.05	144.95																															
		Aug-07					37.85			122.78	117%	27%	205.600	29.000	18.000	4.700	55.000			81.000	11.000	6.900																		
		Aug-07					23.58			137.05																															
		Sep-07					25.83			134.80																															
		Sep-07					27.24			133.39																															
		Sep-07					26.64			133.99																															
		Nov-07					37.70			122.93	100%	25%	144.300	24.000	12.000	2.800	36.000			55.000	10.000	4.500																		
		Apr-08					12.96			147.67	113%	28%	113.522	17.700	10.100	1.670	31.400		0.452	43.000	6.360	2.590															0.250			
		Oct-08					21.19	21.17	0.02	139.46	117%	30%	143.270	25.600	10.800	2.190	42.600		0.550	51.000	8.250	2.280																		
		Oct-08					21.19	21.17	0.02	139.46	111%	29%	148.740	27.100	11.600	2.620	42.900		0.550	52.600	9.090	2.280																		
		Dec-08					15.58			145.05																															
		Jan-09					18.24			142.39	99%	27%	161.490	30.800	12.800	2.690	43.200			59.700	12.300																			
		Feb-09					5.13			155.50																															
		Mar-09					10.20			150.43																															
		Apr-09					12.53			148.10																															
		Jun-09					6.05	5.88	0.17	154.71	430%	37%	118.860	8.400	1.910	2.410	44.300			53.600	8.240																			
		Oct-09					6.69			153.94																															
RW3A	NEEDS TO MEET GW3	Apr-08	158.95	20.00		5-20	5.06			153.89																															
		Oct-08					6.36	6.35	0.01	152.59																															
		Apr-09					4.70			154.25																															
		Jun-09					5.05	5.00	0.05	153.90	114%	34%	168.020	38.000	12.000	2.820	56.800			47.500	10.900																			
		Oct-09					5.63			153.32	420%	43%	295.360	24.900	5.110	6.560	126.000		1.390	108.000	23.400																			

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Sample Location	GW STANDARD	Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding		<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
RW4	NEEDS TO MEET GW3	Nov-05	159.35	40.00		5-40					47%	29%	44.360	7.400	20.000	0.290	13.000			3.400				0.270																
		Mar-06									21%	14%	96.680	34.000	32.000	0.680	14.000			16.000																				
		Jun-06									38%	24%	58.720	16.000	21.000	0.520	14.000			7.200																				
		Oct-06									33%	21%	65.420	19.000	23.000	0.520	14.000			8.900																				
		Mar-07					10.91	10.75	0.16	148.56	54%	30%	49.210	11.000	17.000	0.560	15.000			5.400				0.250																
		May-07					6.68	6.03	0.65	153.16																														
		May-07					7.01	6.97	0.04	152.37																														
		May-07					7.11	7.03	0.08	152.30																														
		Jun-07					7.81	7.79	0.02	151.56																														
		Jun-07					8.18	8.17	0.01	151.18																														
		Jun-07					8.31	8.18	0.13	151.14																														
		Jun-07					8.93	8.85	0.08	150.48																														
		Jul-07					10.35	10.21	0.14	149.11																														
		Aug-07					5.48	5.41	0.07	153.92																														
		Aug-07					11.64	11.47	0.17	147.84	72%	36%	64.590	11.000	21.000	0.930	23.000		0.260	8.400																				
		Aug-07					12.00	11.78	0.22	147.52																														
		Sep-07					11.21	11.17	0.04	148.17																														
		Sep-07					10.35	10.22	0.13	149.10																														
		Sep-07					10.50	10.15	0.35	149.12																														
		Nov-07					5.64	5.40	0.24	153.89																														
		Nov-07					5.64			153.71																														
		Apr-08					3.24			156.11	142%	45%	31.880	2.440	7.530	0.467	14.200		0.176	5.690	0.755	0.622																		
		Oct-08					4.59			154.76																														
		Dec-08					3.47			155.88																														
		Jan-09					3.17			156.18																														
		Feb-09					3.45			155.90																														
		Mar-09					3.10			156.25																														
		Apr-09					2.94			156.41	162%	39%	66.934	11.000	5.160	1.700	26.100		0.498	15.300	5.850	1.220														0.106				
		Jun-09					4.10			155.25																														
		Oct-09					4.85			154.50																														
RW5S	NEEDS TO MEET GW2	Mar-07	152.46	30.00		10-30	1.31			151.15																														
		Nov-07					1.28			151.18																														
		Apr-08					1.20			151.26																														
		Oct-08					1.28			151.18																														
		Apr-09					0.77			151.69	71%	35%	20.364	5.570	4.380	0.538	7.050		0.304	1.990	0.532																			
		Jun-09					0.89			151.57																														
		Oct-09					1.03			151.43																														
		Sep-11					0.70			151.76	520%	52%	111.607	0.660	10.600	2.790	58.500	3.570	0.061	2.820	7.160	23.300	0.009	0.033		0.003	1.630		0.007		0.088		0.003	0.010	0.044	0.050	0.110	0.007	0.014	0.055
RW5D	NEEDS TO MEET GW2	Dec-06	152.90	40.00		20-40					12%	8%	152.500	83.000	20.000	3.300	12.000		1.400	7.800		25.000																		
		Mar-07					3.75			149.15	11%	7%	149.000	78.000	20.000	3.100	11.000		0.900	8.000		28.000																		
		Aug-07									13%	9%	132.200	61.000	28.000	2.600	12.000		0.900	7.700		20.000																		
		Nov-07					38.00			114.90	14%	9%	92.400	43.000	13.000	2.600	8.000		1.000	5.800		19.000																		
		Apr-08					28.65			124.25	30%	17%	56.928	24.300	7.460	1.290	9.590		0.618	3.970	1.490	8.210																		
		May-08					39.00			113.90																														
		Oct-08					20.54			132.36	28%	16%	50.650	22.600	6.730	1.320	8.100		0.630	3.220	1.540	6.510																		
		Apr-09					20.30			132.60																														
		Jun-09					0.79			152.11																														
		Oct-09					1.05			151.85																														
		Aug-11					1.44			151.46	93%	17%	13.428	0.795	1.630	0.162	2.250	0.036	0.045	1.800	0.192	6.510	0.001	0.004														0.001		
RW6	NEEDS TO MEET GW2	Mar-07	153.40	32.70		10-40	2.25			151.15																														
		Nov-07					2.76			150.64																														
		Apr-08					2.65			150.75																														
		Oct-08					2.75			150.65																														
		Apr-09					2.59			150.81	27%	18%	4.307	1.510	1.340	0.057	0.780		0.021	0.100	0.499																			
		Jun-09					1.49			151.91																														
		Oct-09					2.67			150.73																														
		Aug-11					2.58			150.82																														
		Sep-11					2.32			151.08	581%	73%	1.147	0.087	0.058	0.016	0.840	0.002	0.003	0.044	0.097			0.001																
RW7	NEEDS TO MEET GW2	Dec-06	154.33	38.60		10-40					22%	16%	9.810	5.000	2.300	0.100	1.600			0.810																				
		Mar-07					19.13			135.20	80%	34%	21.700	6.600	2.600	0.340	7.400		0.930	2.900				0.930																
		Aug-07									88%	37%	17.500	5.200	2.100	0.250	6.400		0.270	3.100				0.180																
		Nov-07					31.00			123.33	74%	33%	13.230	4.000	1.800	0.210	4.300		0.180	1.900		0.670		0.170																
		Apr-08					10.48			143.85	228%	52%	27.872	4.320	2.070	0.353	14.600		0.359	4.510	0.832	0.828																		
		May-08					10.50			143.83																														
		Oct-08					17.57			136.76	244%	52%	29.069	4.160	2.070	0.525	15.200		0.271	5.130	1.400			0.313																
		Apr-09					8.06			146.27																														
		Jun-09					2.69			151.64																														
		Oct-09					1.58			152.75																														

Groundwater Sampling Database
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Sample Location	GW STANDARD	Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding		<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
OND	NA	Aug-08	Onsite Discharge								201%	37%	49.959	5.520	3.730	1.130	18.600	0.028	0.413	17.200	1.760	1.420	0.006	0.050	0.004	0.001					0.004			0.001	0.054	0.010	0.023	0.004		
		Apr-09										1%	1.159				0.010			0.021		0.804																		
OFD	NA	Aug-08	Offsite Discharge								53%	28%	15.643	5.060	3.170	0.280	4.370	0.002	0.180	2.390	0.177		0.001	0.011										0.001						
		Apr-09									59%	31%	25.932	9.320	4.000	0.570	7.920		0.326	3.060	0.736																			
IW1	NA	Nov-07		40.00		5-40																																		
IW2	NA	Nov-07		40.00		5-40																																		
IW3	NA	Nov-07		40.00		5-40																																		
IW4	MEETS GW2	Nov-07	159.12	40.00		5-40																																		
		Jun-08					3.50			155.62																															
		Oct-08					3.83			155.29																															
		Dec-08					2.50			156.62																															
		Jan-09					2.02			157.10																															
		Mar-09					1.49			157.63																															
		Apr-09					2.10			157.02																															
		Jun-09					3.28			155.84	46%	27%	0.019	0.009	0.002		0.005			0.003																					
		Oct-09					4.45			154.67	1869%	78%	0.474	0.010	0.010	0.013	0.372	0.001	0.007	0.056	0.006																				
		Aug-11					4.72			154.40	185%	42%	1.178	0.136	0.134	0.015	0.499	0.006	0.066	0.291	0.031																				
IW5	NA	Nov-07					3.39																																		
		Apr-08					0.10																																		
		Oct-08		34.55		10-40	0.00																																		
		Apr-09					1.73																																		
		Jun-09					2.13																																		
		Oct-09					2.60																																		
IFG1	GW2	Mar-07	159.31				0.90			158.41																															
		Nov-07					2.54			156.77																															
		Apr-08					1.25			158.06	153%	34%	63.060	8.050	5.980	0.950	21.400		0.300	23.000	2.010	1.370																			
		May-08					1.80			157.51																															
		May-08					1.57			157.74																															
		May-08					1.94			157.37																															
		Jun-08					2.23			157.08																															
		Jun-08					2.45			156.86																															
		Jun-08					2.45			156.86																															
		Jun-08					2.21			157.10																															
		Jul-08					3.39			155.92																															
		Jul-08					3.74			155.57																															
		Jul-08					1.58			157.73																															
		Aug-08					2.81			156.50																															
		Aug-08					3.55			155.76																															
		Sep-08					2.09			157.22																															
		Oct-08					2.39			156.92																															
		Oct-08					1.66			157.65	207%	40%	61.724	7.870	4.010	1.190	24.600		0.384	21.200	2.470																				
		Oct-08					1.93			157.38																															
		Nov-08					2.70			156.61																															
		Feb-09					2.53			156.78																															
		Mar-09					2.17			157.14																															
		Apr-09					2.36			156.95	237%	48%	5.618	0.937	0.206	0.026	2.710		0.027	1.490	0.222																				
		Jun-09					2.30			157.01																															
		Oct-09					4.25	DRY		155.06																															

Groundwater Sampling Database
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Sample Location	GW STANDARD	Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding		<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
IFG2	GW2	Nov-07	160.71	4.90			DRY																																	
		Apr-08					3.24			157.47	175%	38%	3.271	0.336	0.377	0.035	1.250		0.055	1.160	0.058																				
		May-08					1.68			159.03																																
		May-08					1.68			159.03																																
		May-08					4.85			155.86																																
		Jun-08					4.90			155.81																																
		Jun-08					4.90			155.81																																
		Jun-08					4.90			155.81																																
		Jun-08					4.90			155.81																																
		Jul-08					4.90			155.81																																
		Jul-08					4.90			155.81																																
		Jul-08					4.90			155.81																																
		Aug-08					4.90			155.81																																
		Aug-08					4.90			155.81																																
		Sep-08					4.90			155.81																																
		Oct-08					4.76			155.95																																
		Oct-08					5.15			155.56																																
		Oct-08					4.95			155.76																																
		Nov-08					5.15			155.56																																
		Dec-08					4.03			156.68																																
		Jan-09					3.43			157.28																																
		Feb-09					3.40			157.31																																
		Mar-09					2.99			157.72																																
		Apr-09					3.78			156.93	660%	45%	6.855	0.144	0.327	0.134	3.110		0.200	2.740	0.200																				
		Jun-09					4.93			155.78																																
ITU	NA	Nov-07		4.00			1.05																																	
		Apr-08					2.01																																	
		Oct-08					2.29																																	
ITL	NA	Nov-07		4.00			2.26																																	
		Apr-08					0.24																																	
		Oct-08					0.53																																	
ISCO Water		Jul-09																																						
MPEW1	GW3	Jul-09				15-20					28%	14%	143.150	54.800	16.600	4.000	19.700			44.000	4.050																				
		Jul-09																																						
		Jul-09																																						
		Jul-09																																						
		Jul-09																																						
		Jul-09																																						
		Jul-09					3.68				39%	19%	71.102	25.800	8.710	1.340	13.500			20.800	0.952																				
		Aug-09									22%	12%	171.764	59.100	34.600	3.840	20.900		0.304	50.100	2.920																				
		Aug-09									27%	14%	114.890	42.300	19.200	2.750	16.600			32.000	2.040																				
		Oct-09					4.55																																	
MPEW2	GW3	Jul-09				15-20					19%	12%	83.430	44.500	9.230	1.750	10.200			16.000	1.750																				
		Jul-09					3.09				32%	19%	25.708	12.400	2.310	0.328	4.780			5.890																				
		Aug-09									25%	15%	38.924	19.300	5.220	0.304	6.030			8.070																				
		Aug-09									22%	14%	44.122	21.600	5.300	0.552	6.000			10.300	0.370																				
		Oct-09					3.85																																	
MPEW3	GW3	Jul-09				15-20					90%	28%	101.890	25.300	6.590	3.140	28.800			28.700	4.360	5.000																				
		Jul-09					3.70				53%	18%	22.194	6.050	1.510		3.980	0.259	0.119	8.080	0.126	2.070																				
		Aug-09									43%	19%	29.196	10.100	2.390		5.410	0.496		8.600		2.200																				
		Aug-09									54%	22%	26.080	8.680	1.880		5.750			7.390	0.240	2.140																				
		Oct-09					4.05																																	
MPEW4	GW3	Jul-09				15-20					32%	18%	69.610	28.300	10.100	1.480	12.300			15.400	2.030																				
		Jul-09					3.60				35%	20%	36.430	16.000	4.780	0.428	7.220			7.250	0.752																				
		Aug-09									26%	15%	59.140	24.300	9.740	0.980	8.920			13.700	1.500																				
		Aug-09									33%	18%	39.570	16.300	5.230	0.495	7.020			9.890	0.635																				
		Oct-09					4.41																																	

Groundwater Sampling Database
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Sample Location		Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding	GW STANDARD	<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
EW1	GW3	Jul-01	159.07		10-45	10-45	6.00			153.07																														
		May-02					4.32			154.75																															
		Aug-02					6.36			152.71																															
		Jun-03					3.07			156.00																															
		Sep-03					5.04			154.03																															
		Nov-03					4.96			154.11																															
		Nov-07					6.83			152.24																															
		Apr-08					3.99			155.08																															
		Oct-08					5.42			153.65																															
		Apr-09					3.71			155.36	71%	31%	41.218	13.100	4.640	0.835	12.600		0.203	8.060	1.780																				
		Jun-09					4.61			154.46			31.510	22.100	2.380	0.350	1.260			3.000	2.420																				
		Jul-09											36.364	17.600	3.510	0.593	6.930		0.203	5.530	2.100																				
		Jul-09																																						
		Jul-09					4.44			154.63	90%	27%	17.052	3.670	1.460	0.057	4.630	0.107	0.106	6.790	0.232																				
		Aug-09									0%	0%	9.727	0.488					0.179	8.870	0.190																				
		Aug-09									64%	29%	49.770	18.800	3.740	0.610	14.500			10.900	1.220																				
		Oct-09					5.41			153.66	11%	7%	31.390	18.300	3.220	0.460	2.280			4.690	2.440																				
		Jul-11					5.16			153.91	49%	28%	58.670	29.300	4.590	0.658	16.700	0.010	0.171	6.090	0.598	0.346	0.004	0.021		0.003		0.051	0.003		0.040		0.003	0.002	0.005	0.006	0.018	0.008	0.005	0.025
		Aug-11					4.91			154.16																															
EWPZ1	NA	Jul-01	156.85	45.00			3.13			153.72																														
		Jun-03	Well Destroyed																																					
EWPZ2S	GW3	Jul-01	158.52	18.00		3-18	5.58			152.94																														
		Nov-01					6.77			151.75																															
		May-02					4.42			154.10																															
		Aug-02					6.77			151.75																															
		Mar-03					6.77			151.75																															
		Jun-03					3.50			155.02																															
		Sep-03					5.40			153.12																															
		Nov-03					5.31			153.21																															
		Nov-07					6.48			152.04																															
		Apr-08					4.33			154.19																															
		Oct-08					5.52			153.00																															
		Apr-09					4.33			154.19	21%	13%	44.095	22.200	5.230	0.895	5.840			8.400	1.530																				
		Jun-09					5.01			153.51																															
		Jul-09									21%	13%	*44.095*	*22.200*	*5.230*	*0.895*	*5.840*			*8.400*	*1.530*																				
		Jul-09					5.31			153.21	60%	17%	11.498	2.490	0.694		1.900	0.193	0.080	4.160	0.211	1.770																		
		Aug-09									52%	18%	32.148	9.150	1.690	0.175	5.660	0.112	0.144	11.300	0.636	3.170	0.111																	
		Aug-09									87%	26%	82.938	20.400	4.300	1.470	21.600		0.268	24.200	2.880	7.820																		
		Oct-09					5.65			152.87	259%	36%	131.302	14.300	3.830	3.200	46.900	0.512	0.490	43.200	5.270	13.600																		
		Jul-11					6.02			152.50	37%	18%	67.162	28.100	4.620	0.404	12.200	1.520	0.201	16.638	2.440	0.640	0.019	0.005		0.127		0.157	0.001						0.002	0.002	0.002		0.022	0.015	
		Aug-11					5.42			153.10																															
EWPZ2D	GW3	Jul-01	158.37	43.00		27-43	4.38			153.99																														
		Nov-01					9.00			149.37																															
		May-02					3.62			154.75																															
		Aug-02					5.68			152.69																															
		Mar-03					9.00			149.37																															
		Jun-03					2.49			155.88																															
		Sep-03					4.50			153.87																															
		Nov-03					4.48			153.89																															
		Nov-07					5.99			152.38																															
		Apr-08					3.33			155.04																															
		Oct-08					4.75			153.62																															
		Apr-09					3.18			155.19	114%	33%	31.228	4.350	4.670	0.909	10.300		0.189	6.580	4.230																				
		Jun-09					4.04			154.33																															
		Jul-09											*31.228*	*4.350*	*4.670*	*0.909*	*10.300*		*0.189*	*6.580*	*4.230*																				
		Jul-09					3.81			154.56	208%	41%	17.924	1.960	1.610	0.437	7.430		0.117	4.730	1.640																				
		Aug-09									109%	31%	26.387	3.490	4.070	0.735	8.260		0.142	7.050	2.640																				
		Aug-09									137%	37%	19.182	2.860	2.310	0.543	7.060		0.119	4.920	1.370																				
		Oct-09					4.76			153.61	173%	37%	26.607	2.770	2.940	0.704	9.900		0.143	7.470	2.680																				
		Jul-11					5.11			153.26	133%	38%	6.175	0.851	0.888	0.191	2.320	0.005	0.049	1.180	0.569	0.013	0.001	0.011				0.043	0.017		0.001		0.005				0.006			0.025
		Aug-11					4.45			153.92																															

Groundwater Sampling Database
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Sample Location		Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding	GW STANDARD	<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
PZ1S	GW3	Apr-00	153.03	10.90			1.74			151.29																														
		Jul-00					2.46			150.57																														
		Oct-00					2.33			150.70																														
		Dec-00					1.77			151.26																														
		Apr-01					1.75			151.28																														
		Jul-01					1.95			151.08																														
		Aug-02					1.09			151.94																														
		Jun-03					1.95			151.08		0%	0.000																												
		Sep-03					2.04			150.99																														
		Nov-03					1.99			151.04		0%	0.002																										0.002		
		Jul-04										0%	0.002																										0.002		
		Dec-04										0%	0.001																										0.001		
		Jun-05										0%	0.002																										0.002		
		Nov-07					3.30			149.73																														
		Apr-08					2.45			150.58																														
		Oct-08					2.79			150.24																														
		Apr-09					2.57			150.46																														
		Jun-09					2.65			150.38																														
PZ1D	GW3	Apr-00	154.34	20.90			2.87			151.47																														
		Jul-00					3.56			150.78																														
		Oct-00					4.37			149.97																														
		Dec-00					2.78			151.56																														
		Apr-01					2.90			151.44																														
		Aug-02					3.27			151.07																														
		Jun-03					2.92			151.42																														
		Sep-03					3.19			151.15																														
		Nov-03					3.18			151.16																														
		Nov-07					4.80			149.54		0%	0.000																												
		Apr-08					3.21			151.13		0%	0.000																												
		Oct-08					3.85			150.49		0%	0.000																												
		Apr-09					3.77			150.57																														
		Jun-09					3.75			150.59																														
PZ2S	GW3	Apr-00	154.29	10.60			2.77			151.52																														
		Jul-00					3.66			150.63	17%	13%	1.409	0.049	1.100	0.049	0.190		0.021																						
		Oct-00					3.61			150.68																														
		Dec-00					3.22			151.07	8%	7%	3.552	0.190	3.000	0.090	0.240		0.032																						
		Apr-01					2.45			151.84	11%	9%	4.613	0.250	3.700	0.160	0.430		0.073																						
		Jul-01					2.96			151.33	11%	9%	4.469	0.190	3.600	0.180	0.400		0.060	0.005				0.031													0.003			
		Nov-01					3.75			150.54	8%	7%	3.153	0.180	2.600	0.088	0.220		0.037	0.028																				
		May-02									7%	6%	6.170	0.360	5.000	0.170	0.390										0.250												
		Mar-02					5.26			149.03																														
		Aug-02					4.37			149.92																														
		Nov-02									9%	8%	5.670	0.530	4.400	0.170	0.440			0.130																				
		Mar-03					6.77			147.52																														
		Jun-03					2.86			151.43	11%	9%	5.457	0.390	4.100	0.300	0.500		0.099	0.038				0.030																
		Sep-03					3.19			151.10																														
		Nov-03					3.15			151.14	21%	15%	9.240	1.100	5.600	0.480	1.400		0.130	0.530																				
		Nov-07					2.80			151.49																														
		Apr-08					2.32			151.97																														
		Oct-08					2.55			151.74																														
		Apr-09					2.88			151.41	195%	57%	1.763	0.102	0.410	0.110	0.997		0.071	0.018	0.034			0.020																
		Jun-09					2.92			151.37																														

Groundwater Sampling Database
General Chemical Corporation
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Sample Location	GW STANDARD	Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding		<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
PZ2D	GW3	Apr-00	154.72	15.30			3.38			151.34																														
		Jul-00					3.98			150.74		100%	0.002				0.002																								
		Oct-00					5.76			148.96																														
		Dec-00					5.80			148.92		0%	0.000																												
		Apr-01					5.43			149.29		0%	0.000																												
		Jul-01					3.24			151.48		0%	0.000																												
		Nov-01					4.19			150.53		0%	0.000																												
		May-02									3%	3%	0.445	0.088	0.290		0.012		0.006	0.049																				
		Aug-02					4.77			149.95																														
		Nov-02										0%	0.000																												
		Mar-03					4.19			150.53																														
		Jun-03					3.32			151.40																														
		Sep-03					3.54			151.18																														
		Nov-03					3.65			151.07																														
		Mar-07					3.07			151.65																														
		Nov-07					3.90			150.82																														
		Apr-08					3.23			151.49																														
		Oct-08					3.20			151.52																														
		Apr-09					3.38			151.34		0%	0.000																												
		Jun-09					3.57			151.15																														
PZ3S	GW2	Feb-00	154.02	9.70		8-10	4.03			149.99		0%	0.030															0.030												
		Apr-00					3.88			150.14																														
		Jul-00					4.44			149.58																														
		Oct-00					4.18			149.84																														
		Dec-00					3.98			150.04																														
		Apr-01					3.72			150.30																														
		Jul-01					3.52			150.50																														
		Jun-03					2.99			151.03																														
		Sep-03					4.03			149.99																														
		Nov-03					3.42			150.60																														
		Nov-07					3.60			150.42																														
		Apr-08					3.45			150.57																														
		Oct-08					3.47			150.55																														
		Apr-09					3.59			150.43		0%	0.838															0.838												
		Jun-09					3.44			150.58																														
		Oct-09					3.58			150.44																														
PZ3D	GW2	Feb-00	154.06	18.90		18-20	3.04			151.02	21%	15%	5.240	0.580	3.300	0.110	0.800			0.450																				
		Apr-00					2.99			151.07																														
		Jul-00					3.57			150.49																														
		Oct-00					3.49			150.57																														
		Dec-00					2.89			151.17																														
		Apr-01					2.85			151.21	25%	18%	6.550	0.570	4.200	0.140	1.200			0.440																				
		Jul-01					2.91			151.15																														
		Jun-03					2.98			151.08																														
		Sep-03					3.23			150.83																														
		Nov-03					3.22			150.84																														
		Nov-07					3.40			150.66																														
		Apr-08					3.11			150.95																														
		Oct-08					3.33			150.73																														
		Apr-09					3.17			150.89	217%	10%	0.103	0.003	0.002	0.001	0.010		0.003									0.063							0.008	0.002	0.010				
		Jun-09					3.19			150.87																														
		Oct-09					3.29			150.77																														
PZ4S	GW1	Feb-00		7.10			3.72					0%	0.033															0.033												
		Apr-00					3.44																																		
		Jul-00					4.77																																		
		Oct-00					4.16																																		
		Dec-00					4.19																																		
		Apr-01					3.81																																		
		Jul-01					4.16																																		
		Jun-03					2.91																																		
		Sep-03					3.54																																		
		Nov-03					3.19																																		

Groundwater Sampling Database
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Sample Location	GW STANDARD	Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding		<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
PZ4D	GW1	Feb-00		11.40			9.80					0%	0.072															0.072												
		Apr-00					3.57																																		
		Jul-00					4.62																																		
		Oct-00					4.21																																		
		Dec-00					3.00																																		
		Apr-01					3.48					0%	0.033															0.033												
		Jul-01					5.19																																		
		Jun-03					3.58																																		
		Sep-03					3.82																																		
		Nov-03					3.27																																		
ERM4	NA	Jun-99	159.53	13.00		10-14					21%	12%	220.939	93.700	36.000	1.720	26.800		6.350	50.922		1.950									0.415			0.016	0.864	0.384	1.760			0.058
		Sep-99					5.37			154.16																															
		Feb-00									32%	17%	107.800	40.000	17.000	2.000	18.000		2.600	25.000		3.200																			
		Apr-00					3.87			155.66																															
		Jul-00					4.71			154.82	25%	13%	152.520	56.000	25.000	2.800	20.000		1.700	42.000		2.800														0.790		1.430			
		Oct-00					5.85			153.68																															
		Dec-00					5.18			154.35																															
		May-02					3.94			155.59																															
		Aug-02					4.25			155.28																															
		Jun-03					2.11			157.42																															
		Sep-03					5.65			153.88																															
		Nov-03					1.30			158.23																															
ERM11	GW3	Sep-99	161.17	12.80		4-14	7.72			153.45																															
		Feb-00									7%	4%	0.052	0.031	0.004		0.002			0.015																				
		Apr-00					4.43			156.74																															
		Jul-00					4.94			156.23																															
		Oct-00					6.17			155.00																															
		Dec-00					5.78			155.39																															
		Apr-01					3.30			157.87																															
		Jul-01					4.70			156.47																															
		May-02					4.92			156.25																															
		Aug-02					6.35			154.82																															
		Nov-02					6.11			155.06																															
		Jun-03					3.27			157.90																															
		Sep-03					5.67			155.50																															
		Nov-03					6.32			154.85																															
		Nov-07					3.94			157.23																															
		Apr-08					3.23			157.94	913%	52%	4.409	0.110	0.143	0.082	2.310		0.031	1.580	0.154																			
		May-08					3.95			157.22																															
		Jun-08					4.65			156.52																															
		Jul-08					5.47			155.70	1442%	57%	3.326	0.071	0.060	0.073	1.880		0.037	1.090	0.116																			
		Aug-08					5.20			155.97																															
		Sep-08					5.01			156.16																															
		Oct-08					4.54			156.63	986%	57%	34.365	0.687	1.310	0.590	19.700		0.345	10.800	0.364	0.541		0.028															
		Oct-08					4.54			156.63	983%	59%	34.480	0.715	1.340	0.765	20.200		0.460	11.000																			
		Nov-08					5.30			155.87	455%	48%	44.420	2.560	2.170	0.840	21.500		0.310	15.900	1.140																			
		Dec-08					4.38			156.79																															
		Jan-09					4.00			157.17	552%	50%	2.762	0.139	0.109	0.054	1.370		0.014	1.000	0.076																			
		Feb-09					4.25			156.92																															
		Mar-09					3.80			157.37																															
		Apr-09					4.06			157.11	350%	45%	1.430	0.109	0.075	0.034	0.644		0.012	0.510	0.047																			
		Jun-09					5.03			156.14																															
		Oct-09					6.03			155.14	851%	56%	7.995	0.250	0.275	0.215	4.470		0.073	2.470	0.242																			
		Jul-10									1531%	61%	0.401	0.009	0.007	0.014	0.245		0.006	0.105	0.015																			
		Jan-11									1252%	60%	0.582	0.018	0.010	0.023	0.348		0.010	0.132	0.041																			
		Apr-11									867%	42%	0.212	0.010		0.007	0.088			0.034	0.072																			
		Jul-11					5.30				879%	58%	0.101	0.003	0.003	0.004	0.058		0.001	0.025	0.005																			
		Aug-11					5.35																																	

Groundwater Sampling Database
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Sample Location		Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding	GW STANDARD	<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
ERM12D	GW3	Jun-99	160.32	41.40		38-43					9%	4%	0.059	0.019	0.009		0.003			0.028																				
		Sep-99					7.45			152.87																															
		Feb-00					5.67			154.65	6%	2%	0.048	0.012	0.006	0.001	0.001			0.019		0.008																		
		Apr-00					4.27			156.05																															
		Jul-00					4.88			155.44	8%	2%	0.128	0.022	0.015	0.002	0.003		0.003	0.045								0.025										0.013		
		Oct-00					6.02			154.30																															
		Dec-00					5.37			154.95																															
		Apr-01					3.24			157.08																															
		Jul-01					4.63			155.69																															
		Aug-02					6.29			154.03																															
		Jun-03					3.08			157.24																															
		Sep-03					5.85			154.47																															
		Nov-03					5.23			155.09																															
		Nov-07					4.69			155.63																															
		Apr-08					3.48			156.84	1176%	56%	3.886	0.022	0.162	0.059	2.160		0.675	0.572	0.138				0.002			0.097												
		Oct-08					5.19			155.13	1260%	59%	4.468	0.097	0.113	0.112	2.640		0.036	1.260	0.174			0.037																
		Apr-09					3.63			156.69	314%	41%	1.997	0.090	0.173	0.033	0.828		0.016	0.721	0.114			0.003											0.002	0.009		0.005			
		Jun-09					4.72			155.60	212%	42%	16.935	1.370	1.950	0.452	7.050		0.116	5.440	0.555																				
		Oct-09					5.73			154.59	130%	35%	0.424	0.080	0.034	0.011	0.148			0.074	0.074																				
CDW1	NA	Sep-99	159.59	12.20	3-15	5-15	6.84			152.75																															
		Feb-00									57%	15%	89.600	6.900	16.000	2.500	13.000			49.000		2.200																			
		Jul-00					4.59			155.00	33%	12%	163.970	28.000	29.000	1.700	19.000		1.000	83.000		1.300														0.970				
		Oct-00					4.96			154.63																															
		Dec-00					4.79			154.80																															
		Apr-01					3.09			156.50																															
		Jul-01					4.14			155.45																															
		May-02					3.33			156.26																															
		Aug-02					5.75			153.84																															
		Nov-02					4.46			155.13																															
		Mar-03	Well Destroyed																																					
CDW2	NA	Jun-99	157.21	12.50	1-13	3-13					74%	31%	2.590	0.602	0.496	0.023	0.812	0.002	0.046	0.600				0.009																
		Sep-99					5.33			151.88																															
		Feb-00					3.78			153.43	70%	32%	1.452	0.350	0.310	0.024	0.460		0.028	0.280																				
		Apr-00					2.26			154.95																															
		Jul-00					4.72			152.49	64%	27%	2.963	0.540	0.700	0.073	0.790		0.030	0.640		0.190																		
		Oct-00					3.80			153.41																															
		Dec-00					3.86			153.35																															
		Apr-01					2.00			155.21																															
		Jul-01					4.20			153.01																															
		May-02																																						
		Nov-02																																						
		Mar-03	Well Destroyed																																					
CDW3	GW3	Sep-99	157.65	11.20	1-14	4-14	5.83			151.82																															
		Feb-00					5.60			152.05	30%	17%	45.790	20.000	5.300	0.690	7.700		0.200	11.000																0.300			0.470			0.130
		Apr-00					3.88			153.77																															
		Jul-00					5.01			152.64																															
		Oct-00					5.60			152.05																															
		Dec-00					5.52			152.13																															
		Apr-01					3.48			154.17																															
		Jul-01					4.18			153.47																															
		May-01					2.77			154.88																															
		Nov-02					2.84			154.81																															
		Jun-03					1.30			156.35																															
		Sep-03					4.86			152.79																															
		Nov-03					4.00			153.65																															
		Oct-08					4.55			153.10																															
		Apr-09					3.31			154.34	28%	19%	12.105	6.620	1.580	0.093	2.320			1.340	0.152																				
		Jun-09					3.63			154.02																															
		Oct-09					4.24			153.41																															

Groundwater Sampling Database
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Sample Location		Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding	GW STANDARD	<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
CDW4	GW3	Sep-99	158.21	6.80	1-6.5	1.5-6.5	6.80			151.41																														
		Feb-00					5.60			152.61	735%	39%	145.160	0.960	6.800	4.400	57.000			52.000		24.000																		
		Apr-00					4.92			153.29																														
		Jul-00					5.91			152.30																														
		Oct-00					5.87			152.34																														
		Dec-00					4.80			153.41																														
		Apr-01					4.62			153.59	108%	31%	45.710	0.970	12.000	1.500	14.000		0.270	16.000		0.970																		
		Jul-01					5.32			152.89																														
		May-02					3.68			154.53																														
		Aug-02					6.51			151.70																														
		Nov-02					3.96			154.25																														
		Jun-03					3.24			154.97																														
		Sep-03					5.13			153.08																														
		Nov-03					5.08			153.13																														
		Mar-07	158.12				5.63			152.49																														
		Oct-08					5.32			152.80																														
		Apr-09					4.38			153.74	73%	29%	1.025	0.163	0.249	0.006	0.300			0.307																				
		Jun-09					4.79			153.33																														
		Oct-09					5.38			152.74																														
CDW5	GW3	Jun-99	158.93	12.70	1-12	2-12					45%	26%	8.224	0.334	4.480	0.007	2.160	0.016	0.099	1.123				0.004												0.001							
		Sep-99					6.49			152.44	19%	13%	546.220	18.000	360.000	7.800	72.000		4.300	82.000		1.400																0.720			
		Feb-00					4.42			154.51	21%	15%	95.200	5.200	62.000		14.000			14.000																				
		Apr-00					2.14			156.79																														
		Jul-00					4.84			154.09	20%	14%	226.300	8.900	150.000	3.400	32.000			32.000																				
		Oct-00					4.84			154.09	38%	24%	152.900	7.900	90.000		37.000			18.000																				
		Dec-00					4.09			154.84																														
		Apr-01					3.26			155.67																														
		Jul-01					4.33			154.60																														
		May-02					1.70			157.23																														
		Aug-02					5.73			153.20																														
		Nov-02					1.85			157.08																														
		Jun-03					1.26			157.67																														
		Sep-03					3.80			155.13																														
		Nov-03					3.90			155.03																														
		Apr-08	158.94				5.50			153.44																														
		Oct-08					5.65			153.29																														
		Apr-09					2.90			156.04	171%	50%	15.847	0.719	3.880	0.057	7.860	0.030	0.219	3.010	0.040			0.032																
		Jun-09					2.63			156.31																														
		Oct-09					3.72			155.22																														
CDW6	GW3	Sep-99	157.07	11.00	1-12	2-12	6.20			150.87																														
		Feb-00					4.62			152.45	151%	36%	156.440	7.800	30.000	4.300	57.000		0.830	30.000		26.000															0.510			
		Apr-00					3.85			153.22																														
		Jul-00					4.99			152.08	110%	27%	244.850	22.000	39.000	7.400	67.000		1.500	68.000		39.000															0.950			
		Oct-00					4.89			152.18																														
		Dec-00					4.15			152.92																														
		Apr-01					3.88			153.19																														
		Apr-08	156.95				3.44			153.51																														
		Oct-08					4.30			152.65																														
		Apr-09					3.39			153.56	1181%	73%	20.453	0.278	0.992		15.000		0.358	3.170	0.655																		
		Jun-09					3.76			153.19																														
		Jul-09									1181%	73%	*20.453*	*0.278*	*0.992*		*15.000*		*0.358*	*3.170*	*0.655*																		
		Jul-09					3.55			153.40	237%	51%	33.940	1.410	5.920	0.390	17.400	0.300		6.460	2.060																		
		Aug-09									124%	49%	23.896	1.160	8.300	0.387	11.700	0.295	0.124		1.930																		
		Aug-09									85%	28%	23.609	4.160	3.770	0.243	6.710	0.321	0.115	7.150	1.140																		
		Oct-09					4.32			152.63	217%	50%	72.081	3.570	12.900	0.984	35.700	0.124	0.263	14.100	4.440																		
		Jul-11					4.92			152.03	49%	22%	163.645	63.300	9.790	1.770	35.600		0.320	48.115	2.450	1.180	0.008	0.076		0.018		0.218	0.011		0.179		0.008	0.003	0.174	0.072	0.204	0.007	0.004	0.095
		Aug-11					4.41			152.54																														

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Sample Location	GW STANDARD	Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding		<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
CDW7	GW3	Jun-99	158.42	10.40	0.75-10.5	1-10.5					2008%	89%	0.567	0.016	0.009		0.504	0.004	0.017	0.017																				
		Sep-99					5.29			153.13																															
		Feb-00					4.02			154.40	1258%	90%	0.870	0.013	0.049		0.780			0.015				0.013																
		Apr-00								158.42																															
		Jul-00					3.96			154.46	422%	57%	0.478	0.021	0.043	0.008	0.270		0.016	0.059				0.061																
		Oct-00					4.13			154.29																															
		Dec-00					3.52			154.90																															
		Apr-01					2.11			156.31																															
		Jul-01					3.30			155.12																															
		May-02					2.11			156.31																															
		Aug-02					5.15			153.27																															
		Nov-02					1.65			156.77																															
		Jun-03					0.00			158.42																															
		Sep-03					2.52			155.90																															
		Nov-03					3.17			155.25																															
		Apr-08					1.70			156.72	253%	64%	0.124	0.012	0.020		0.079	0.002	0.002					0.011																
		May-08					2.31			156.11																															
		Jun-08					1.81			156.61																															
		Jul-08					3.85			154.57	568%	68%	0.154	0.006	0.013		0.105	0.002	0.007	0.001				0.021																
		Aug-08					3.42			155.00																															
		Sep-08					3.34			155.08																															
		Oct-08					3.12	3.13	0.00	155.30	385%	65%	0.272	0.026	0.020		0.178	0.004	0.012	0.002				0.031																
		Dec-08					1.86			156.56																															
		Jan-09					2.05			156.37	309%	64%	0.116	0.011	0.013		0.075	0.002	0.005					0.011																
		Feb-09					1.99			156.43																															
		Mar-09					0.95			157.47																															
		Apr-09					1.45			156.97																															
		Jun-09					1.91			156.51																															
		Oct-09					2.62			155.80																															
CDW8		Jun-99			26-38	28-38	3.62				56%	32%	118.359	13.500	53.900	0.263	37.800		0.955	11.400				0.115												0.110	0.080	0.236			
CDW9	GW3	Jun-99	155.25	7.50	1-12	2-12					67%	37%	17.300	1.940	7.490	0.291	6.340	0.042	0.101	0.681		0.340	0.003	0.027								0.006			0.020	0.004	0.001	0.014			
		Sep-99					5.68			149.57	33%	23%	69.780	7.400	41.000	0.780	16.000			3.100		1.500																			
		Feb-00					3.19			152.06	74%	40%	8.034	0.940	3.400	0.094	3.200			0.300		0.100																			
		Apr-00					2.10			153.15																															
		Jul-00					3.90			151.35	54%	33%	39.860	5.000	19.000	0.560	13.000			1.500		0.800																			
		Oct-00					4.05			151.20	59%	34%	35.010	5.500	15.000	0.450	12.000			1.100		0.960																			
		Dec-00					2.55			152.70	68%	37%	43.650	6.500	17.000	0.660	16.000			2.500		0.990																			
		Apr-01					2.18			153.07	65%	35%	23.880	3.400	9.500	0.430	8.400		0.130	1.300		0.720																			
		Jul-01					2.83			152.42	65%	35%	26.790	3.400	11.000	0.500	9.300		0.150	1.500		0.940																			
		May-02					1.93			153.32																															
		Aug-02					4.80			150.45																															
		Nov-02					2.00			153.25																															
		Jun-03					0.56			154.69																															
		Sep-03					3.53			151.72																															
		Nov-07					2.18			153.07																															
		Apr-08					1.99			153.26																															
		Oct-08					2.89			152.36																															
		Apr-09					2.08			153.17	68%	35%	5.076	0.999	1.600	0.108	1.770		0.027	0.373	0.112			0.087																
		Jun-09					2.95			152.30	123%	48%	7.372	1.150	1.730	0.162	3.540		0.059	0.638	0.093																			
		Oct-09					3.44			151.81	109%	42%	35.295	5.490	8.090	0.802	14.800		0.305	3.880	0.744	0.554		0.630																
		Aug-11					3.18			152.07	80%	39%	2.745	0.514	0.826	0.052	1.070	0.004	0.019	0.169	0.066			0.023											0.001					

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Sample Location	GW STANDARD	Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding		<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
CDW10	GW3	Sep-99	153.12	10.90	1-12	2-12	3.78			149.34																														
		Feb-00					1.94			151.18	50%	29%	0.551	0.150	0.170	0.003	0.160		0.017	0.025				0.026																
		Apr-00					1.48			151.64																														
		Jul-00					2.49			150.63																														
		Oct-00					2.26			150.86																														
		Dec-00					2.45			150.67																														
		Apr-01					1.65			151.47																														
		Jul-01					1.97			151.15																														
		May-02					1.50			151.62																														
		Aug-02					3.15			149.97																														
		Nov-02					1.60			151.52																														
		Jun-03					1.28			151.84																														
		Sep-03					1.82			151.30																														
		Nov-03					1.12			152.00																														
		Nov-07					2.18			150.94																														
		Apr-08					1.61			151.51																														
		Oct-08					1.85			151.27																														
		Apr-09					1.58			151.54	78%	37%	17.584	6.780	1.480	0.131	6.430		0.191	2.230	0.342																			
		Jun-09					1.79			151.33																														
		Oct-09					1.90			151.22	174%	56%	1.553	0.389	0.112	0.011	0.872		0.062		0.014			0.094																
		Aug-11					0.95			152.17			0.002												0.002															
CDW11	GW3	Jun-99	152.99	11.20	1-12	2-12						100%	0.003				0.003																							
		Sep-99					2.79			150.20																														
		Feb-00					0.90			152.09																														
		Apr-00					0.58			152.41																														
		Jul-00					1.57			151.42																														
		Oct-00					1.60			151.39		0%	0.000																											
		Dec-00					0.93			152.06		0%	0.000																											
		Apr-01					0.70			152.29		0%	0.000																											
		Jul-01					0.95			152.04		0%	0.000																											
		May-02					0.65			152.34																														
		Aug-02					2.31			150.68																														
		Nov-02					0.72			152.27																														
		Jun-03					0.54			152.45																														
		Sep-03					1.50			151.49																														
		Nov-03					0.78			152.21																														
		Nov-07					1.08			151.91																														
		Apr-08					0.70			152.29																														
		Oct-08					0.84			152.15																														
		Apr-09					0.62			152.37																														
		Jun-09					0.76			152.23																														
		Oct-09					0.85			152.14																														
CDW12	GW3	Jun-99	154.20	19.90		10-20						37%	283.180			6.980	105.000			40.200		131.000																		
		Sep-99					3.81			150.39																														
		Feb-00					2.41			151.79		38%	216.700			5.700	83.000			38.000		90.000																		
		Apr-00					1.67			152.53																														
		Jul-00					2.80			151.40		42%	176.430			5.200	74.000		0.690	36.000		60.000															0.540				
		Oct-00					2.70			151.50																														
		Dec-00					2.04			152.16																														
		Apr-01					1.68			152.52																														
		Jul-01					2.58			151.62																														
		May-02					2.00			152.20																														
		Aug-02					3.48			150.72																														
		Nov-02					1.64			152.56																														
		Jun-03					1.54			152.66																														
		Sep-03					2.50			151.70																														
		Nov-03					1.98			152.22																														
		Nov-07					2.59			151.61																														
		Apr-08					1.42			152.78																														
		Jul-08					1.46			152.74	324%	56%	42.890	6.320	1.140	0.770	24.200			4.970	5.490																		
		Oct-08					2.12			152.08																														
		Dec-08					1.36			152.84																														
		Jan-09					1.42			152.78																														
		Feb-09					1.31			152.89																														
		Mar-09					1.20			153.00																														
		Apr-09					1.52			152.68	182%	45%	67.190	14.400	2.270	1.240	30.300			8.380	10.600																		
		Jun-09					2.00			152.20	181%	45%	60.690	10.300	4.910	1.200	27.500			7.160	9.620																		
		Oct-09					2.32			151.88	254%	50%	51.570	5.880	4.300	1.110	25.900			6.340	8.040																		
		Aug-11					2.38			151.82	2380%	61%	27.575	0.336	0.370	0.693	16.800	0.063	0.167	3.608	4.800	0.003	0.002	0.008			0.237	0.189	0.006		0.087		0.006	0.002	0.008	0.031	0.071	0.008	0.005	0.055

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Framingham, Massachusetts

Sample Location	GW STANDARD	Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding		<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
CDW13	NA	Sep-99	161.15	14.90		10-15	11.30			149.85																														
		Apr-00					9.04			152.11																															
		Jul-00					9.90			151.25																															
		Oct-00					10.17			150.98																															
		Apr-01					8.50			152.65																															
		Jul-01					9.67			151.48																															
CDW14	GW3	Sep-99	158.10	11.70		10-12	6.50			151.60																														
		Feb-00					5.65			152.45			0.000																												
		Apr-00					2.72			155.38																															
		Jul-00					6.51			151.59																															
		Oct-00					6.25			151.85																															
		Dec-00					6.05			152.05																															
		Apr-01					4.89			153.21																															
		Jul-01					5.40			152.70																															
		Jun-03					3.05			155.05																															
		Sep-03					3.85			154.25																															
		Nov-03					5.27			152.83																															
		Nov-07					4.32			153.78																															
		Apr-08					4.08			154.02																															
		Oct-08					4.99			153.11																															
		Apr-09					2.72			155.38																															
		Jun-09					3.08			155.02																															
		Sep-11					4.06			154.04			0.000																												
CDW15	GW3	Sep-99	154.62	11.20		10-12	5.30			149.32																														
		Feb-00					3.77			150.85			0.000																												
		Apr-00					3.61			151.01																															
		Jul-00					5.01			149.61																															
		Oct-00					4.10			150.52																															
		Dec-00					4.05			150.57																															
		Apr-01					3.80			150.82																															
		Jul-01					4.07			150.55																															
		May-02					3.58			151.04																															
		Nov-02					3.65			150.97																															
		Jun-03					3.59			151.03																															
		Sep-03					3.80			150.82																															
		Nov-03					3.77			150.85																															
		Nov-07					3.84			150.78																															
		Apr-08					3.68			150.94																															
		Oct-08					3.85			150.77																															
		Apr-09					3.55			151.07																															
		Jun-09					3.69			150.93																															
CDW17	GW3	Sep-99	160.03	11.30		10-13	5.61			154.42																														
		Feb-00					5.25			154.78		32%	2.422			0.082	0.770		0.170	1.400																				
		Apr-00					3.55			156.48																															
		Jul-00					4.55			155.48																															
		Oct-00					5.40			154.63																															
		Dec-00					5.35			154.68																															
		Apr-01					2.97			157.06																															
		Jul-01					4.28			155.75																															
		May-02					3.89			156.14																															
		Aug-02					8.97			151.06																															
		Nov-02					4.60			155.43																															
		Jun-03					2.14			157.89																															
		Sep-03					4.71			155.32																															
		Nov-03					4.79			155.24																															
		Oct-08					4.98			155.05																															
		Apr-09					2.30			157.73	379%	47%	44.668	3.920	1.620	0.610	21.000		0.294	14.400	1.910	0.488		0.093								0.064					0.063	0.206			
		Jun-09					4.27			155.76	184%	36%	10.081	1.440	0.546	0.137	3.660			3.510	0.788																			
		Oct-09					5.27			154.76																															

Groundwater Sampling Database
General Chemical Corporation
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Sample Location	GW STANDARD	Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding		<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
CDW18S	GW2	Jun-99	153.57	5.30		2-6					213%	58%	1.462	0.087	0.313	0.038	0.850	0.011	0.030	0.073		0.006		0.049											0.002	0.003					
		Sep-99					3.53			150.04	120%	48%	6.091	0.410	2.000	0.130	2.900		0.081	0.370				0.200																
		Feb-00					2.11			151.46	67%	37%	5.720	0.650	2.500	0.120	2.100		0.050	0.300																				
		Apr-00					1.66			151.91																														
		Jul-00					2.41			151.16	317%	64%	0.793	0.031	0.130	0.013	0.510	0.008	0.018	0.036				0.047																
		Oct-00					2.75			150.82	3%	3%	11.123	2.800	7.900	0.010	0.310		0.024	0.015				0.064																
		Dec-00					1.98			151.59	73%	38%	3.141	0.340	1.300	0.062	1.200		0.024	0.200				0.010											0.005					
		Apr-01					1.78			151.79	85%	42%	0.384	0.029	0.160	0.007	0.160		0.005	0.022																				
		Jul-01					2.16			151.41	410%	59%	0.070	0.002	0.008		0.041		0.003	0.002				0.014																
		Nov-01					2.74			150.83	0%	0%	1.288	0.020	0.270	0.013		0.005	0.048	0.014				0.067						0.850					0.001					
		May-02					1.54			152.03																														
		Aug-02					3.26			150.31																														
		Nov-02					1.45			152.12																														
		Mar-03					2.74			150.83																														
		Jun-03					0.00			153.57																														
		Sep-03					1.85			151.72																														
		Nov-03					1.77			151.80																														
		Nov-07					2.24			151.33																														
		Apr-08					1.22			152.35	99%	43%	0.795	0.178	0.167	0.007	0.342		0.021	0.079																				
		Oct-08					1.85			151.72	431%	67%	2.633	0.265	0.143	0.057	1.760	0.013	0.097	0.192	0.048			0.057																
		Oct-08					1.85			151.72	463%	68%	2.641	0.244	0.145	0.060	1.800	0.013	0.106	0.161	0.048			0.063																
		Apr-09					1.43			152.14	390%	67%	2.072	0.146	0.210	0.028	1.390	0.031	0.063	0.204																				
		Jun-09					1.96			151.61																														
		Oct-09					2.15			151.42																														
CDW18D	GW2	Jun-99	153.78	9.00		4-9					108%	45%	26.297	3.080	7.960	0.825	11.900		0.235	2.100				0.125											0.072					
		Sep-99					3.34			150.44	75%	37%	40.700	5.000	15.000	1.200	15.000			4.500																				
		Feb-00					1.95			151.83	76%	39%	28.300	3.400	11.000	0.700	11.000		0.200	2.000																				
		Apr-00					1.51			152.27																														
		Jul-00					2.25			151.53	88%	41%	23.040	2.500	8.200	0.740	9.400			2.200																				
		Oct-00					2.39			151.39	86%	40%	22.840	2.500	8.200	0.680	9.200		0.160	2.100																				
		Dec-00					2.60			151.18	93%	41%	24.300	2.500	8.300	0.700	10.000			2.800																				
		Apr-01					1.61			152.17	77%	37%	17.120	2.100	6.200	0.610	6.400		0.110	1.700																				
		Jul-01					2.39			151.39	94%	42%	18.580	2.000	6.300	0.600	7.800	0.050	0.130	1.700																				
		Nov-01					3.24			150.54	220%	60%	33.490	2.600	6.500	0.830	20.000		0.290	3.000		0.270																		
		May-02					1.52			152.26																														
		Aug-02					3.46			150.32																														
		Nov-02					1.59			152.19																														
		Mar-03					3.24			150.54																														
		Jun-03					0.40			153.38																														
		Sep-03					2.03			151.75																														
		Nov-03					1.92			151.86																														
		Nov-07					1.98			151.80																														
		Apr-08					1.42			152.36	121%	42%	2.961	0.475	0.562	0.052	1.250		0.071	0.294	0.056			0.026				0.175												
		Oct-08					1.64			152.14	334%	59%	9.284	0.576	1.060	0.157	5.460	0.015	0.282	0.913	0.095			0.726																
		Oct-08					1.64			152.14	243%	55%	11.272	1.180	1.360	0.250	6.180		0.308	1.050				0.944																
		Apr-09					1.20			152.58	216%	54%	8.777	0.814	1.390	0.234	4.760		0.153	1.130	0.296																			
		Jun-09					1.72			152.06																														
		Oct-09					1.93			151.85																														
		Aug-11					23.08			130.70	128%	47%	7.535	0.718	2.060	0.194	3.550	0.028	0.068	0.588	0.187		0.001	0.116	0.007										0.007					0.006
CDW19S	GW2	Jun-99	152.63	5.80		5-6					103%	51%	0.030	0.003	0.012		0.015																								
		Sep-99					2.31			150.32	91%	44%	3.862	0.260	1.600	0.045	1.700		0.027	0.230																				
		Feb-00					0.94			151.69	181%	57%	0.262	0.011	0.072	0.003	0.150		0.005	0.009				0.012																
		Apr-00					0.81			151.82																														
		Jul-00					1.35			151.28																														
		Oct-00					1.88			150.75	107%	46%	0.562	0.053	0.190	0.010	0.260	0.004	0.009	0.026				0.010																
		Apr-01					0.82			151.81	110%	46%	0.041	0.003	0.014		0.019		0.002	0.001				0.002																
		Jul-01					1.00			151.63																														
		Nov-01					1.50			151.13	97%	43%	2.559	0.210	0.920	0.036	1.100	0.002	0.019	0.230				0.005				0.036									0.002		
		May-02					0.74			151.89																														
		Aug-02					2.32			150.31																														
		Nov-02					0.83			151.80																														
		Mar-03					1.50			151.13																														
		Jun-03					0.50			152.13																														
		Sep-03					0.87			151.76																														
		Nov-03					0.95			151.68																														
		Nov-07					1.27			151.36																														
		Apr-08					1.43			151.20	79%	37%	15.928	3.600	3.760	0.414	5.820		0.328	1.770	0.236																			
		Oct-08					1.03			151.60	84%	38%	15.257	4.160	2.640	0.409	5.740		0.313	1.640	0.355																			
		Apr-09					0.68			151.95	128%	44%	1.155	0.266	0.137	0.020	0.514		0.032	0.112	0.025			0.050																
		Jun-09					0.99			151.64	150%	49%	1.185	0.236	0.148	0.022	0.575		0.036	0.121	0.020			0.026																
		Oct-09					1.10			151.53	136%	45%	1.845	0.374	0.232	0.039	0.824		0.059	0.199	0.043			0.075																
		Aug-11					4.23			148.40	95%	40%	3.647	0.225	1.320	0.038	1.470	0.009	0.020	0.290	0.273			0.002																

Groundwater Sampling Database
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Sample Location	GW STANDARD	Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding		<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
CDW19D	GW2	Jun-99	154.91	21.40		5-20					34%	21%	35.251	12.400	9.470	2.020	7.490	0.028	0.663	2.155		0.893	0.015	0.062		0.005									0.025	0.003	0.001	0.008			0.012
		Sep-99					4.94			149.97	218%	39%	141.700	17.000	8.200	5.500	55.000			22.000		34.000																		
		Feb-00					3.64			151.27	48%	28%	50.010	13.000	16.000	2.300	14.000		0.610	4.100																				
		Apr-00					3.45			151.46																														
		Jul-00					3.94			150.97	57%	24%	57.800	9.500	15.000	2.300	14.000		0.500	14.700		1.800																		
		Oct-00					4.01			150.90	87%	33%	60.020	11.000	12.000	2.700	20.000		0.420	7.400		6.500																		
		Dec-00					3.74			151.17																														
		Apr-01					3.52			151.39	35%	22%	27.520	7.200	9.900	1.500	6.000		0.440	2.200		0.280																		
		Jul-01					3.76			151.15																														
		Nov-01					4.02			150.89	197%	38%	78.040	7.800	7.400	3.400	30.000		0.440	12.000		17.000																		
		May-02					3.36			151.55																														
		Aug-02					3.15			151.76																														
		Nov-02					3.47			151.44																														
		Mar-03					4.02			150.89																														
		Jun-03					3.09			151.82																														
		Sep-03					3.57			151.34																														
		Nov-03					3.57			151.34																														
		Nov-07					4.03			150.88																														
		Apr-08					3.56			151.35																														
		Oct-08					3.76			151.15																														
		Apr-09					3.49			151.42	71%	34%	17.338	5.000	3.350	0.386	5.950	0.010	0.254	1.880	0.487		0.002	0.010											0.002					
		Jun-09					3.73			151.18	69%	34%	17.411	5.240	3.280	0.446	5.890		0.269	1.890	0.396																		
		Oct-09					3.82			151.09	68%	33%	25.806	7.060	5.440	0.608	8.450		0.310	3.040	0.898																		
MW1	NA	Apr-00	159.88	5.80		5-15	4.53			155.35																													
		Jun-03	Well Destroyed																																				
MW2	NA	Apr-00	160.00	9.20		3-13	4.54			155.46																													
		Jul-00					6.00			154.00																														
		Oct-00					6.30			153.70																														
		Dec-00					5.17			154.83																														
		Apr-01					4.70			155.30																														
		Jul-01					5.27			154.73																														
		May-02					3.80			156.20																														
		Aug-02					6.84			153.16																														
		Nov-02					3.95			156.05																														
		Jun-03					4.52			155.48																														
		Sep-03	Well Destroyed																																				
MW4	NA	Apr-00	160.90	9.70		7-17	4.74			156.16																													
		Jul-00					6.04			154.86																														
		Oct-00					6.69			154.21																														
		Dec-00					5.57			155.33																														
		Apr-01					4.19			156.71																														
		Jul-01					5.21			155.69																														
		Jun-03					4.08			156.82																														
		Sep-03					6.49			154.41																														
FWA	NA	Apr-01		15.10			7.40																																
		Jul-01					9.11																																
		Jun-03					7.21																																
		Sep-03					10.15																																
		Nov-03					9.82																																

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133-138 Leland Street
Framingham, Massachusetts

Sample Location		Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding	GW STANDARD	<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
FW17	NA	Apr-01		15.80			4.92																																	
		Jul-01					5.97																																	
		Jun-03	Well Damaged																																					
SWPZ3	GW1	Apr-01	153.88				3.60			150.28																														
		Jul-01					3.60			150.28																														
		May-02					3.20			150.68																														
		Jun-03					3.59			150.29																														
		Sep-03					2.49			151.39																														
		Nov-03					3.35			150.53																														
		Apr-08					1.22			152.66																														
		Oct-08					1.22			152.66																														
		Apr-09					1.99			151.89	505%	53%	0.668	0.026	0.044	0.021	0.354	0.001	0.026	0.113	0.065			0.018																
		Jun-09					1.08			152.80																														
							DRY																																	
SW1	GW1	Jun-99	154.60																																				
		Feb-00					2.71			151.89	414%	31%	0.019		0.001		0.006		0.007					0.005																
		Apr-00					2.72			151.88																														
		Jul-00					DRY																																
		Oct-00					DRY																																
		Dec-00					2.67			151.93																														
		Apr-01					2.78			151.82																														
		Jul-01					DRY																																
		May-02					DRY																																
		Aug-02					DRY																																
		Jun-03					2.78			151.82																														
		Sep-03					DRY																																
		Nov-03					2.80			151.80																														
		Apr-08					2.24			152.36	120%	28%	1.855	0.262	0.170	0.029	0.520		0.010	0.751	0.080	0.031														0.003				
		Oct-08					0.78			153.82		53%	0.014				0.007		0.005					0.001																
		Apr-09					0.70			153.90	386%	56%	0.010		0.001		0.005		0.003																						
		Jun-09					0.75			153.85																														
		Oct-09					0.83			153.77																														
		Sep-11					0.83			153.77	314%	54%	0.008		0.001		0.004		0.002																						
SW2	GW1	Jun-99	154.30								1504%	53%	6.422	0.033	0.193	0.233	3.400	0.011	0.683	0.418		0.706		0.607	0.103											0.002	0.020	0.003	0.010			
		Feb-00					2.80			151.50	467%	48%	1.655	0.059	0.110	0.036	0.790		0.100	0.130		0.290		0.140																
		Apr-00					3.71			150.59																														
		Jul-00					DRY				128%	40%	0.203	0.023	0.041	0.005	0.082		0.021	0.011		0.001		0.017													0.002				
		Oct-00					4.05			150.25	123%	41%	0.078	0.012	0.014	0.002	0.032		0.008	0.006				0.004																
		Dec-00					3.69			150.61	433%	49%	0.861	0.039	0.058	0.019	0.420		0.059	0.120		0.075		0.071																
		Apr-01					3.77			150.53	370%	54%	0.369	0.022	0.032	0.013	0.200		0.025	0.062		0.015																		
		Jul-01					3.98			150.32	263%	40%	0.501	0.034	0.042	0.012	0.200	0.001	0.059	0.031		0.005		0.025			0.092													
		May-02					3.70			150.60																														
		Aug-02					DRY																																
		Nov-02					2.45			151.85																														
		Jun-03					3.95			150.35																														
		Sep-03					3.55			150.75																														
		Nov-03					3.52			150.78	241%	50%	0.549	0.064	0.049	0.015	0.273		0.021	0.080	0.038			0.008																
		Oct-08					3.56			150.74	328%	53%	0.641	0.061	0.042	0.019	0.339		0.034	0.076	0.040			0.031																
		Apr-09									177%	47%	0.296	0.048	0.032	0.008	0.140		0.011	0.034	0.020			0.005																
		Jun-09									91%	36%	0.265	0.067	0.039	0.006	0.097		0.010	0.027	0.016			0.004																
		Sep-11									199%	50%	0.322	0.049	0.032	0.006	0.160		0.010	0.049	0.010			0.006																

Groundwater Sampling Database
General Chemical Corporation
133-138 Leland Street
Framingham, Massachusetts

Sample Location		Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding	GW STANDARD	<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
SW3	GW1	Jun-99	154.01								378%	50%	1.333	0.094	0.080	0.040	0.660	0.003	0.158	0.108		0.075		0.113											0.002					
		Feb-00					2.88			151.13	492%	48%	1.253	0.043	0.079	0.027	0.600		0.085	0.099		0.210		0.110																
		Apr-00					3.23			150.78																														
		Jul-00					DRY																																	
		Oct-00					3.92			150.09	127%	10%	0.168	0.006	0.007		0.017		0.005	0.003							0.130													
		Dec-00					3.80			150.21	442%	44%	1.464	0.058	0.089	0.028	0.650	0.002	0.088	0.190		0.130		0.099			0.130													
		Apr-01					3.89			150.12	371%	42%	0.310	0.014	0.021	0.079	0.130		0.017	0.040		0.009																		
		Jul-01					4.01			150.00	262%	24%	0.157	0.006	0.008	0.002	0.037		0.012	0.006				0.002			0.084													
		May-02					3.31			150.70	262%	37%	0.297	0.020	0.022	0.005	0.110		0.016	0.034				0.006			0.084													
		Aug-02					DRY																																	
		Nov-02					3.41			150.60	386%	55%	0.049	0.003	0.004	0.001	0.027		0.002	0.009				0.003																
		Jun-03					3.30			150.71	333%	40%	0.302	0.014	0.022	0.008	0.120		0.012	0.034		0.016		0.009			0.067													
		Sep-03					2.51			151.50																														
		Nov-03					2.52			151.49	746%	53%	0.322	0.009	0.014	0.010	0.170		0.025	0.065		0.014		0.013	0.002															
		Jul-04										0%	0.000																											
		Dec-04									306%	47%	0.321	0.024	0.025	0.012	0.150	0.001	0.030	0.052		0.006		0.019	0.002															
		Jun-05									159%	47%	0.074	0.013	0.009	0.002	0.035		0.009	0.004				0.002																
		Aug-06									1792%	63%	1.519	0.010	0.043	0.038	0.950		0.170	0.200				0.089	0.019															
		Nov-07									118%	54%	0.024	0.006	0.005		0.013																								
		Apr-08					3.75			150.26	234%	51%	0.195	0.024	0.018	0.005	0.099		0.009	0.026	0.014																				
		Oct-08									338%	54%	0.409	0.038	0.027	0.011	0.220	0.001	0.024	0.048	0.024			0.017																
		Oct-08					3.82			150.19	330%	54%	0.411	0.038	0.029	0.013	0.222	0.001	0.024	0.043	0.023			0.016																
		Apr-09					3.52			150.49	130%	41%	0.151	0.030	0.017	0.004	0.062		0.006	0.018	0.012			0.002																
		Jun-09					3.72			150.29																														
		Sep-11					3.72			150.29	199%	50%	0.181	0.028	0.018	0.003	0.090		0.006	0.026	0.007			0.003																
SW7	GW1	Dec-99									556%	50%	0.498	0.015	0.030	0.012	0.250		0.032	0.086		0.048		0.025																
SW8	GW1	Dec-99									600%	52%	0.815	0.023	0.047	0.019	0.420		0.047	0.140		0.075		0.044																
SW9	GW1	Dec-99									802%	50%	3.837	0.057	0.180	0.092	1.900	0.007	0.230	0.610		0.470		0.280											0.007	0.001	0.003			
SW10	GW1	Dec-99	152.60								10676%	63%	4.760	0.005	0.023	0.120	3.000	0.011	0.550	0.570		0.120	0.039	0.320											0.002					
		Feb-00					2.16			150.44	2091%	72%	3.200		0.110	0.063	2.300		0.210	0.240	0.025	0.012		0.140			0.100													
		Apr-00					1.78			150.82																														
		Jul-00					1.85			150.75																														
		Oct-00					1.87			150.73		60%	0.822				0.490		0.084	0.028				0.220																
		Feb-01					1.91			150.69																														
		Apr-01					1.64			150.96	734%	64%	9.564	0.031	0.800	0.290	6.100	0.027	0.370	1.500		0.026		0.420																
		Jul-01					1.73			150.87		20%	2.084			0.003	0.420	0.010	0.420	0.026		0.004		0.300			0.880									0.021					
		May-02					0.61			151.99	2778%	55%	9.040		0.180		5.000		0.690	2.200				0.140	0.210		0.620													
		Aug-02					2.29			150.31																														
		Nov-02					1.63			150.97	1133%	62%	10.940		0.600	0.220	6.800		0.650	2.500				0.170																
		Jun-03					1.72			150.88	1419%	67%	1.933	0.009	0.083	0.052	1.300	0.013	0.110	0.310				0.056																
		Sep-03					0.95			151.65																														
		Nov-03					1.61			150.99	5135%	58%	3.250		0.037	0.055	1.900	0.026	0.250	0.480		0.022		0.350	0.130															
		Jul-04										22%	1.395				0.300		0.380	0.035				0.330	0.350															
		Dec-04									2439%	75%	1.995	0.009	0.053	0.029	1.500	0.017	0.087	0.190				0.110																
		Jun-05										21%	0.934				0.200		0.310	0.023				0.110	0.270										0.021					
		Aug-06										33%	0.749				0.250		0.250	0.074				0.120	0.055															
		Apr-08					1.51			151.09	168%	51%	1.653	0.110	0.395	0.023	0.850	0.012	0.037	0.180	0.047																		
		Oct-08					1.49			151.11		56%	1.123			0.010	0.631	0.005	0.190	0.074	0.028			0.171												0.015				
		Apr-09					1.44			151.16	1248%	67%	2.200	0.051	0.067	0.039	1.470		0.079	0.250	0.068			0.176																
		Jun-09					1.46			151.14	2494%	62%	1.626	0.012	0.028	0.018	1.000		0.146	0.178	0.051			0.193																
		Oct-09					1.45			151.15	2953%	63%	0.798		0.017	0.011	0.505		0.077	0.054	0.018			0.116																
		Aug-11					1.35			151.25	117%	43%	8.185	0.538	2.480	0.108	3.520	0.050	0.199	1.050	0.105				0.002			0.024								0.108				
SWCBWW	GW1	Dec-99									738%	69%	0.014		0.001		0.010			0.003																				
		Dec-00									493%	63%	0.059	0.004	0.004		0.037			0.010		0.005																		
		Apr-01										72%	0.006				0.004			0.002																			
		Jul-01									857%	65%	0.019		0.001		0.012			0.004		0.001																		
		Nov-01										0%	0.000																											

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Sample Location		Date	Elev-ation	DTB	Gravel Pack	Screen Interval	DTW	LNPL DNPL	PT	GW Elev	cis-DCE/ PCE+TCE	cis-DCE/ VOC	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1-DCA	111-TCA	Freon-113	MC	Chloro-form	VC	Chloro-ethane	1112-PCA	1,4-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	tert-, n-, sec-Butylbenzene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding	GW STANDARD	<15'									MCPGW1 RISK STANDARD			0.005	0.005	0.007	0.070	0.100	0.070	0.200	NA	0.005	0.070	0.002	NA	0.005	0.003	3.000	NA	NA	NA	0.100	NA	0.005	1.000	0.700	10.000	0.070	NA	0.140
		10'-20'																																						
		20'-30'									MCPGW2 RISK STANDARD			0.050	0.030	0.080	0.100	0.090	1.000	4.000	NA	10.000	0.050	0.002	NA	0.010	6.000	50.000	NA	NA	NA	0.100	NA	2.000	8.000	30.000	9.000	50.000	NA	1.000
		30'-40'																																						
		40'-50'									MCPGW3 RISK STANDARD			30.000	5.000	30.000	50.000	50.000	20.000	20.000	NA	50.000	20.000	50.000	NA	50.000	50.000	50.000	NA	NA	NA	6.000	NA	10.000	4.000	4.000	0.500	50.000	NA	20.000
		50'-60'																																						
		>60'																																						
SWUSA1	GW1	Dec-99									750%	52%	0.064	0.001	0.003	0.002	0.033		0.004	0.009		0.008		0.003																
		Dec-00									398%	48%	0.082	0.004	0.006	0.002	0.039		0.006	0.011		0.008		0.006																
		Apr-01										76%	0.004				0.003			0.001																				
		Jul-01										0%	0.000																												
		Nov-01										0%	0.000																												
		May-02									189%	30%	0.056	0.005	0.004	0.001	0.017			0.012							0.016											0.001		
		Nov-02									1100%	40%	0.082	0.001	0.002	0.001	0.033			0.018		0.003					0.023											0.001		
		Jun-03									591%	71%	0.009		0.001		0.007			0.002																				
		Nov-03										64%	0.013				0.008		0.001	0.003																				
		Jul-04										0%	0.000																												
		Dec-04									395%	55%	0.015	0.001	0.001		0.008		0.002	0.002																				
		Jun-05										0%	0.000																												
		Aug-06										0%	0.000																												
		Nov-07									167%	63%	0.008	0.003			0.005																								
		Apr-08										74%	0.004				0.003			0.001																				
		Oct-08									400%	67%	0.008	0.001			0.005			0.001																				
SWDSA	GW1	Dec-00									388%	49%	0.053	0.003	0.004	0.001	0.026		0.004	0.007		0.005		0.003																
		Apr-01									298%	46%	0.054	0.005	0.004	0.002	0.025			0.013		0.006																		
		Jul-01										100%	0.001				0.001																							
		Nov-01										0%	0.000																												
SWDSC1	GW1	Dec-99									686%	49%	0.245	0.005	0.013	0.006	0.120		0.017	0.036		0.030		0.018																
		Dec-00									463%	51%	0.185	0.008	0.012	0.005	0.094		0.014	0.025		0.017		0.010																
		Apr-01									400%	60%	0.020	0.001	0.002		0.012		0.002	0.004																				
		Jul-01										75%	0.006				0.004		0.001																				
		May-02									225%	53%	0.017	0.002	0.002		0.009		0.001	0.003																				
		Nov-02									405%	43%	0.346	0.015	0.022	0.006	0.150		0.012	0.050				0.013			0.078													
		Jun-03									417%	55%	0.055	0.003	0.004	0.002	0.030		0.003	0.008		0.004		0.002																
		Nov-03									788%	54%	0.048	0.001	0.002	0.002	0.026		0.004	0.010		0.002		0.002																
		Jul-04										0%	0.000																												
		Dec-04									408%	55%	0.053	0.004	0.004	0.002	0.029		0.005	0.008				0.003																
		Jun-05									150%	46%	0.013	0.002	0.002		0.006		0.002	0.001																				
		Aug-06									67%	40%	0.005	0.002	0.001		0.002																							
		Nov-07										100%	0.005				0.005																							
		Apr-08									178%	47%	0.014	0.002	0.001		0.006			0.002	0.001																			
		Oct-08									331%	53%	0.042	0.004	0.003	0.001	0.022		0.003	0.005	0.003			0.002																
		Apr-09									121%	42%	0.018	0.004	0.002		0.007			0.002	0.002																			
SWDSC2	GW1	Dec-99									728%	51%	0.179	0.003	0.009	0.005	0.091		0.012	0.025		0.022		0.012																
		Dec-00									447%	49%	0.163	0.007	0.011	0.004	0.080		0.012	0.022		0.014		0.013																
		Apr-01									345%	58%	0.013	0.001	0.001		0.008		0.001	0.002																				
		Jul-01										75%	0.004				0.003		0.001																				
SWUSC1	GW1	Dec-99										0%	0.000																												
		Dec-00										0%	0.000																												
		Apr-01										0%	0.000																												
		Jul-01										0%	0.000																												
SED1	NA	Jun-98											0.000																												
SED1S		Dec-99											2.000	0.330			1.400			0.270																				
SED1D		Dec-99											0.000																												
SED2		Jun-98											0.000																												
SED2S		Dec-99											0.000																												
SED2D		Dec-99											0.087		0.087																										
SED3		Jun-98											1.200				1.200																								
SED3S		Dec-99											8.900				7.300		1.600																						
SED3D		Dec-99											0.000																												
SED4		Jun-98											0.000																												
SED4D		Dec-99											0.996		0.280		0.580		0.060	0.076																				
SED5		Jun-98											0.000																												
SED6		Jun-98											0.000																												
CAR WASH	GW1	May-02											0.000																												
		Apr-08											0.002											0.002																	
		Oct-08											0.003	0.002	0.001																										
		Apr-09											0.002											0.002																	
		Sep-11											0.001	0.001																												

Table B1. Historical Soil Analytical Data (1999-2000)
General Chemical Corporation
135-135 Leland Street
Framingham, Massachusetts
MassDEP RTN 3-29233

Sample ID:		Method 1 Soil Standards						CDW-1	CDW-2	CDW-3	CDW-4	CDW-5	CDW-6	CDW-7	CDW-8	CDW-9	CDW-10	CDW-11	CDW-11 (duplicate)	CDW-12	CDW-13	CDW-14	CDW-15	CDW-16	CDW-16 (duplicate)	P1	P2	P3	P4	P5	P6	P7	P8	P8-(Duplicate)	P9
Depth of Sample (feet):								10-12'	10-12'	10-12'	5-7'	10-12'	10-12'	5-7'	29-31'	5-7'	10-12'	10-12'	10-12'	15-17'	11-15'	11-15'	11-15'	11-15'	11-15'	7-11'	3-7'	11-15'	3-7'	7-11'	3-7'	3-7'	3-7'	0-3'
Sample Date:								12/23/96	12/27/96	12/27/96	12/27/96	2/6/97	2/6/97	2/6/97	6/12/97	6/13/97	6/13/97	6/13/97	6/13/97	6/13/97	9/18/97	9/18/97	9/18/97	9/18/97	9/18/97	9/18/97	6/17/97	6/17/97	6/17/97	6/17/97	6/17/97	6/17/97	6/17/97	6/17/97	6/17/97
PID Reading (ppmv):								NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent Dry Solids:		S-1	S-1	S-2	S-2	S-3	S-3	83.3%	84.6%	86.7%	80.4%	88.0%	86.2%	78.8%	81.9%	75.2%	83.7%	88.9%	82.6%	79.3%	84.5%	89.1%	76.0%	85.4%	86.2%	85.6%	88.1%	77.7%	87.9%	87.8%	89.9%	84.5%	82.1%	83.2%	94.2%
Total Organic Carbon (TOC) - mg/kg:		GW-2	GW-3	GW-2	GW-3	GW-2	GW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VOCs by MCP CAM Method 8260B	**Units**																																	
Acetone	mg/kg	50	400	50	400	50	400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
tert-Amyl Methyl Ether	mg/kg	NE	NE	NE	NE	NE	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	mg/kg	30	30	200	200	700	900	<0.1	<0.01	<0.2	<0.2	<0.1	<0.05	<0.5	<0.05	<0.05	<0.05	<0.005	<0.1	<0.1	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	<0.5	<0.1	<0.1	<0.5	<0.25	<0.5	<0.1	<0.1	<0.1
tert-Butylbenezene	mg/kg	NE	NE	NE	NE	NE	NE	<0.1	<0.01	<0.2	<0.2	<0.1	<0.05	<0.5	<0.05	<0.05	<0.05	<0.005	<0.1	<0.1	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	<0.5	<0.1	<0.1	<0.5	<0.25	<0.5	<0.1	<0.1	<0.1
n-Butylbenzene	mg/kg	NE	NE	NE	NE	NE	NE	<0.1	<0.01	0.28	<0.2	<0.1	<0.05	<0.5	<0.05	<0.05	<0.05	<0.005	<0.1	<0.1	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	12.7	<0.1	<0.1	0.94	0.69	10.3	<0.1	<0.1	<0.1
sec-Butylbenzene	mg/kg	NE	NE	NE	NE	NE	NE	<0.1	<0.01	<0.2	<0.2	<0.1	<0.05	<0.5	<0.05	<0.05	<0.05	<0.005	<0.1	<0.1	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	3.0	<0.1	<0.1	<0.5	<0.25	<0.5	<0.1	<0.1	<0.1
Carbon Disulfide	mg/kg	NE	NE	NE	NE	NE	NE	<0.1	<0.01	<0.2	<0.2	<0.1	<0.05	<0.5	<0.05	<0.05	<0.05	<0.005	<0.1	<0.1	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	<0.5	<0.1	<0.1	<0.5	<0.25	<0.5	<0.1	<0.1	<0.1
Chlorobenzene	mg/kg	3	100	3	100	3	100	<0.1	<0.01	<0.2	<0.2	<0.1	<0.05	<0.5	<0.05	<0.05	<0.05	<0.005	<0.1	<0.1	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	<0.5	<0.1	<0.1	<0.5	<0.25	<0.5	<0.1	<0.1	<0.1
Chloroethane	mg/kg	NE	NE	NE	NE	NE	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform	mg/kg	0.3	400	0.3	800	0.3	800	<0.1	<0.01	<0.2	<0.2	<0.1	<0.05	<0.5	<0.05	<0.05	<0.05	<0.005	<0.1	<0.1	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	<0.5	<0.1	<0.1	<0.5	<0.25	<0.5	<0.1	<0.1	<0.1
Chloromethane	mg/kg	NE	NE	NE	NE	NE	NE	<0.1	<0.01	<0.2	<0.2	<0.1	<0.05	<0.5	<0.05	<0.05	<0.05	<0.005	<0.1	<0.1	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	<0.5	<0.1	<0.1	<0.5	<0.25	<0.5	<0.1	<0.1	<0.1
1,2-Dichlorobenzene	mg/kg	30	300	30	300	30	300	<0.1	<0.01	<0.2	<0.2	<0.1	<0.05	<0.5	<0.05	<0.05	<0.05	<0.005	<0.1	<0.1	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	<0.5	<0.1	<0.1	<0.5	<0.25	<0.5	<0.1	<0.1	<0.1
1,4-Dichlorobenzene	mg/kg	4	50	4	300	4	2,000	<0.1	<0.01	<0.2	<0.2	<0.1	<0.05	<0.5	<0.05	<0.05	<0.05	<0.005	<0.1	<0.1	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	<0.5	<0.1	<0.1	<0.5	<0.25	<0.5	<0.1	<0.1	<0.1
1,2-Dichloroethane	mg/kg	0.1	10	0.1	90	0.1	300	<0.1	<0.01	<0.2	<0.2	<0.1	<0.05	<0.5	<0.05	<0.05	<0.05	<0.005	<0.1	<0.1	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	<0.5	<0.1	<0.1	<0.5	<0.25	<0.5	<0.1	<0.1	<0.1
1,1-Dichloroethane	mg/kg	5	500	5	1,000	5	1,000	<0.1	<0.01	<0.2	0.78	0.66	<0.05	1.7	<0.05	0.084	<0.05	<0.005	<0.1	0.18	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	<0.5	<0.1	<0.1	<0.5	<0.25	<0.5	<0.1	<0.1	<0.1
1,1-Dichloroethene	mg/kg	40	500	40	1,000	40	3,000	<0.1	<0.01	<0.2	0.48	<0.1	<0.05	0.23	<0.05	0.23	<0.05	<0.005	<0.1	1.0	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	<0.5	<0.1	<0.1	<0.5	<0.25	<0.5	<0.1	<0.1	<0.1
trans-1,2-Dichloroethene	mg/kg	1	500	1	1,000	1	3,000	<0.1	<0.01	<0.2	<0.2	<0.1	<0.05	<0.5	<0.05	<0.05	<0.05	<0.005	<0.1	<0.1	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	<0.5	<0.1	<0.1	<0.5	<0.25	<0.5	<0.1	<0.1	<0.1
cis-1,2-Dichloroethene	mg/kg	0.4	100	0.4	500	0.4	500	**0.92**	<0.01	**0.52**	**14.4**	<0.1	<0.05	<0.5	**1.0**	**8.7**	0.19	<0.005	<0.1	**18.8**	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	<0.5	<0.1	<0.1	**1.5**	<0.25	**1.3**	<0.1	<0.1	<0.1
Diethyl ether	mg/kg	NE	NE	NE	NE	NE	NE	<0.1	<0.01	<0.2	<0.2	<0.1	<0.05	<0.5	<0.05	<0.05	<0.05	<0.005	<0.1	<0.1	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	<0.5	<0.1	<0.1	<0.5	<0.25	<0.5	<0.1	<0.1	<0.1
1,4-Dioxane	mg/kg	6	70	6	500	6	500	<0.1	<0.01	<0.2	<0.2	<0.1	<0.05	<0.5	<0.05	<0.05	<0.05	<0.005	<0.1	<0.1	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	<0.5	<0.1	<0.1	<0.5	<0.25	<0.5	<0.1	<0.1	<0.1
Ethylbenzene	mg/kg	500	500	1,000	1,000	1,000	3,000	<0.1	<0.01	<0.2	<0.2	1.4	<0.05	<0.5	<0.05	<0.05	<0.05	<0.005	<0.1	<0.1	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	<0.5	<0.1	<0.1	<0.5	<0.25	4.9	<0.1	<0.1	<0.1
Hexachlorobutadiene	mg/kg	6	6	90	90	100	100	<0.1	<0.01	<0.2	<0.2	<0.1	<0.05	<0.5	<0.05	<0.05	<0.05	<0.005	<0.1	<0.1	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	<0.5	<0.1	<0.1	<0.5	<0.25	<0.5	<0.1	<0.1	<0.1
Isopropylbenzene	mg/kg	NE	NE	NE	NE	NE	NE	<0.1	<0.01	<0.2	<0.2	<0.1	<0.05	<0.5	<0.05	<0.05	<0.05	<0.005	<0.1	<0.1	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	2.0	<0.1	<0.1	<0.5	<0.25	1.9	<0.1	<0.1	<0.1
p-Isopropyltoluene	mg/kg	NE	NE	NE	NE	NE	NE	<0.1	<0.01	<0.2	<0.2	<0.1	<0.05	<0.5	<0.05	<0.05	<0.05	<0.005	<0.1	<0.1	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	7.9	<0.1	<0.1	<0.5	0.35	7.1	<0.1	<0.1	<0.1
Methyl tert-Butyl Ether	mg/kg	100	100	100	500	100	500	<0.1	<0.01	<0.2	<0.2	<0.1	<0.05	<0.5	<0.05	<0.05	<0.05	<0.005	<0.2	<0.1	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	<0.5	<0.1	<0.1	<0.5	<0.25	<0.5	<0.1	<0.1	<0.1
Methylene Chloride	mg/kg	20	200	20	900	20	900	<0.25	<0.025	<0.5	<0.5	<0.25	<0.125	<1.25	<0.125	1.8	<0.125	<0.0125	<0.25	**52.2**	<0.125	<0.0125	<0.0125	<0.0125	<0.0125	<12.5	<1.25	<0.25	<0.25	<1.25	<0.625	<1.25	<0.25	<0.25	<0.25
Methyl isobutyl ketone	mg/kg	50	400	50	400	50	400	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	mg/kg	40	500	40	1,000	40	3,000	<0.1	<0.01	<0.2	<0.2	<0.1	<0.05	<0.5	<0.05	<0.05	<0.05	<0.005	<0.1	<0.1	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	7.6	<0.1	<0.1	<0.5	1.6	27.2	<0.1	<0.1	<0.1
n-Propylbenzene	mg/kg	NE	NE	NE	NE	NE	NE	<0.1	<0.01	<0.2	<0.2	<0.1	<0.05	<0.5	<0.05	<0.05	<0.05	<0.005	<0.1	<0.1	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	4.8	<0.1	<0.1	<0.5	<0.25	5.0	<0.1	<0.1	<0.1
1,1,2,2-Tetrachloroethane	mg/kg	0.02	0.8	0.02	10	0.02	40	<0.1	<0.01	<0.2	<0.2	<0.1	<0.05	<0.5	<0.05	<0.05	<0.05	<0.005	<0.1	<0.1	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	<0.5	<0.1	<0.1	<0.5	<0.25	<0.5	<0.1	<0.1	<0.1
1,1,1,2-Tetrachloroethane	mg/kg	0.1	7	0.1	100	0.1	300	<0.1	<0.01	<0.2	<0.2	<0.1	<0.05	<0.5	<0.05	<0.05	<0.05	<0.005	<0.1	<0.1	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	<0.5	<0.1	<0.1	<0.5	<0.25	<0.5	<0.1	<0.1	<0.1
Tetrachloroethene	mg/kg	10	30	10	200	10	1,000	2.0	<0.01	**35.5**	1.9	**238.5**	0.23	**304.5**	0.074	3.3	<0.05	<0.005	<0.1	3.1	<0.05	<0.005	<0.005	<0.005	<0.005	**168**	<0.5	<0.1	<0.1	**141**	2.0	1.3	0.56	<0.1	<0.1
Toluene	mg/kg	500	500	1,000	1,000	2,000	3,000	0.12	<0.01	<0.2	<0.2	1.6	<0.05	0.84	<0.05	<0.05	<0.05	<0.005	<0.1	<0.1	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	<0.5	<0.1	<0.1	<0.5	<0.25	5.8	<0.1	<0.1	<0.1
1,1,1-Trichlroethane	mg/kg	500	500	600	1,000	600	3,000	2.9	<0.01	1.9	9.2	113.7	<0.05	51.2	0.1	1.4	<0.05	<0.005	<0.1	10.8	<0.05	<0.005	<0.005	<0.005	<0.005	73.7	8.3	<0.1	<0.1	2.4	<0.25	2.2	<0.1	<0.1	<0.1
1,1,2-Trichloroethane	mg/kg	2	4	2	60	2	200	<0.1	<0.01	<0.2	<0.2	<0.1	<0.05	<0.5	<0.05	<0.05	<0.05	<0.005	<0.1	<0.1	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	<0.5	<0.1	<0.1	<0.5	<0.25	<0.5	<0.1	<0.1	<0.1
Trichloroethene	mg/kg	2	90	3	700	2	2,000	**2.8**	<0.01	1.3	**2.7**	**558.1**	0.37	**1,228.4**	<0.05	**10.4**	<0.05	<0.005	<0.1	0.91	<0.05	<0.005	<0.005	<0.005	<0.005	86.8	1.4	<0.1	<0.1	**20.3**	<0.25	<0.5	0.76	<0.1	<0.1
Trichlorofluoromethane	mg/kg	NE	NE	NE	NE	NE	NE	<0.1	<0.01	<0.2	<0.2	<0.1	<0.05	<0.5	<0.05	<0.05	<0.05	<0.005	<0.1	<0.1	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	<0.5	<0.1	<0.1	<0.5	<0.25	<0.5	<0.1	<0.1	<0.1
1,1,2-Trifluorotrichloroethane	mg/kg	NE	NE	NE	NE	NE	NE	<0.1	<0.01	<0.2	<0.2	<0.1	<0.05	<0.5	<0.05	<0.05	<0.05	<0.005	<0.1	<0.1	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	<0.5	<0.1	<0.1	<0.5	<0.25	<0.5	<0.1	<0.1	<0.1
1,2,4-Trimethylbenzene	mg/kg	NE	NE	NE	NE	NE	NE	<0.1	<0.01	0.93	<0.2	<0.1	<0.05	<0.5	<0.05	<0.05	<0.05	<0.005	<0.1	<0.1	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	27.8	<0.1	<0.1	2.1	1.2	46.3	<0.1	<0.1	<0.1
1,3,5-Trimethylbenzene	mg/kg	NE	NE	NE	NE	NE	NE	<0.1	<0.01	0.35	<0.2	<0.1	<0.05	<0.5	<0.05	<0.05	<0.05	<0.005	<0.1	<0.1	<0.05	<0.005	<0.005	<0.005	<0.005	<5.0	15.8	<0.1	<0.1	<0.5	<0.25	22.9	<0.1	<0.1	<0.1
Vinyl Chloride	mg/kg	0.6	0.6	0.7	4	0.7	30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Xylenes (Total)	mg/kg	300	500	300	1,000	300	3,000	<0.2	<0.02	0.4	<0.4	24.3	<0.15	<1.5	<0.15	<0.15	<0.15	<0.015	<0.3	<0.3	<0.15	<0.015	<0.015	<0.015	<0.015	<15	<1.5	<0.3	<0.3	<1.5	0.54	44.4	<0.3	<0.3	<0.3
Remaining VOCs	mg/kg	**	**	**	**	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MassDEP VPH	**Units**							--	--																										
C5-C8 Aliphatics	mg/kg	100	100	500	500	500	500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C9-C12 Aliphatics	mg/kg	1,000	1,000	3,000	3,000	5,000	5,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C9-C10 Aromatics	mg/kg	100	100	500	500	500	500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	mg/kg	30	30	200	200	700	900	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	mg/kg	500	500	1,000	1,000	2,000	3,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	mg/kg	500	500	1,000	1,000	1,000	3,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Xylenes	mg/kg	300	500	300	1,000	300	3,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-Butyl Ether (MTBE)	mg/kg	100	100	100	500	100	500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	mg/kg	40	500	40	1,000	40	3,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MassDEP EPH	**Units**							--																											
Acenaphthene	mg/kg	1,000	1,000	3,000	3,000	5,000	5,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Acenaphthylene	mg/kg	600	10	600	10	600	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Anthracene	mg/kg	1,000	1,000	3,000	3,000	5,000	5,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene	mg/kg	7	7	40	40	300	300	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene	mg/kg	2	2	4	4	30	30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	mg/kg	7	7	40	40	300	300	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	mg/kg	1,000	1,000	3,000	3,000	5,000	5,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	mg/kg	70	70	400	400	3,000	3,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chrysene	mg/kg	70	70	400	400	3,000	3,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	mg/kg	0.7	0.7	4	4	30	30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene	mg/kg	1,000	1,000	3,000	3,000	5,000	5,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluorene	mg/kg	1,000	1,000	3,000	3,000	5,000	5,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	mg/kg	7	7	40	40	300	300	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	mg/kg	40	500	40	1,000	40	3,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Phenanthrene	mg/kg	500	500	1,000	1,000	3,000	3,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Pyrene	mg/kg	1,000	1,000	3,000	3,000	5,000	5,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene	mg/kg	80	300	80	500	80	500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C9-18 Aliphatics	mg/kg	1,000	1,000	3,000	3,000	5,000	5,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C19-36 Aliphatics	mg/kg	3,000	3,000	5,000	5,000	5,000	5,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
C11-22 Aromatics	mg/kg	1,000	1,000	3,000	3,000	5,000	5,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
Concentrations reported in milligrams per kilogram (mg/kg).
< = Not detected at the indicated reporting limit.
ND = Not detected.
NE = MassDEP has not established a Method 1 groundwater standard for this compound.
* = Method 1 S-1 groundwater standards are not applicable to all loactions, but are provided for reference.
** = Compound quantified in the VPH carbon ranges (which have Method 1 standards).
*** = MassDEP establishes a specific Method 1 soil standard for each compound.
BOLD = Concentration exceeds one or more Method 1 soil standards.

Table B1. Historical Soil Analytical Data (1999-2000)
General Chemical Corporation
135-135 Leland Street
Framingham, Massachusetts
MassDEP RTN 3-29233

Sample ID:		Method 1 Soil Standards						P11	P12	P13	P14	P15	P16	CDW-P16-DUP	P17	P18	P19	P20	GZ-1	GZ-1	GZ-1	GZ-1	GZ-1	GZ-1	GZ-1	GZ-2	GZ-2	GZ-3	GZ-3	GZ-4	GZ-4RA	GZ-5S	GZ-5D	GZ-6	GZ-7	PZ-3
Depth of Sample (feet):								7-11'	11-15'	7-11'	7-11'	7-11'	7-11'	7-11'	7-11'	3-7'	7-11'	7-11'	4-6'	23-24'	36-37'	48-49'	53-55'	55-57'	67-69'	25-26'	65-67'	41-42'	16-17'	30-32'	5-7'	4-6'	37-39'	10-12'	39-41'	18-20'
Sample Date:								9/22/97	9/22/97	9/22/97	9/22/97	9/22/97	9/22/97	9/22/97	9/22/97	9/22/97	9/22/97	9/22/97	12/14/99	12/15/99	12/15/99	12/16/99	12/16/99	12/16/99	12/20/99	12/28/99	12/29/99	1/7/00	1/7/00	1/6/00	1/3/00	12/28/99	12/28/99	12/27/99	12/22/99	12/17/99
PID Reading (ppmv):								NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent Dry Solids:		S-1	S-1	S-2	S-2	S-3	S-3	82.9%	84.5%	86.4%	85.9%	81.7%	88.2%	89.1%	83.9%	92.9%	90.7%	88.4%	87.2%	80.0%	78.4%	81.8%	89.5%	88.3%	84.9%	83.8%	--	76.9%	91.0%	85.1%	88.2%	73.8%	79.2%	92.5%	89.9%	84.0%
Total Organic Carbon (TOC) - mg/kg:		GW-2	GW-3	GW-2	GW-3	GW-2	GW-3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
VOCs by MCP CAM Method 8260B	**Units**																																			
Acetone	mg/kg	50	400	50	400	50	400	--	--	--	--	--	--	--	--	--	--	--	<25	<1	<1	<2.5	<1.0	<1.0	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	--	<1.3	<1.0	<1.0	<1.3	<1.0
tert-Amyl Methyl Ether	mg/kg	NE	NE	NE	NE	NE	NE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	mg/kg	30	30	200	200	700	900	<0.005	<0.1	<0.5	<1.0	<0.05	<0.05	<0.05	<0.25	<0.1	<0.25	<0.1	<2.5	<0.1	<0.1	<0.25	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.13	<0.1	<0.1	<0.13	<0.1
tert-Butylbenezene	mg/kg	NE	NE	NE	NE	NE	NE	<0.005	<0.1	<0.5	<1.0	<0.05	<0.05	<0.05	<0.25	<0.1	<0.25	<0.1	<2.5	<0.1	<0.1	<0.25	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.13	<0.1	<0.1	<0.13	<0.1
n-Butylbenzene	mg/kg	NE	NE	NE	NE	NE	NE	<0.005	<0.1	3.2	5.6	<0.05	<0.05	<0.05	<0.25	<0.1	<0.25	<0.1	<2.5	<0.1	<0.1	<0.25	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.13	<0.1	<0.1	<0.13	<0.1
sec-Butylbenzene	mg/kg	NE	NE	NE	NE	NE	NE	<0.005	<0.1	2.5	6.6	<0.05	<0.05	<0.05	<0.25	<0.1	<0.25	<0.1	<2.5	<0.1	<0.08	<0.25	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.13	<0.1	<0.1	<0.13	<0.1
Carbon Disulfide	mg/kg	NE	NE	NE	NE	NE	NE	<0.005	<0.1	<0.5	<1.0	<0.05	<0.05	<0.05	<0.25	<0.1	<0.25	<0.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	mg/kg	3	100	3	100	3	100	<0.005	<0.1	<0.5	<1.0	<0.05	<0.05	<0.05	<0.25	<0.1	<0.25	<0.1	<2.5	<0.1	<0.1	<0.25	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.13	<0.1	<0.1	<0.13	<0.1
Chloroethane	mg/kg	NE	NE	NE	NE	NE	NE	--	--	--	--	--	--	--	--	--	--	--	<5	<0.4	<0.2	<0.5	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	--	<0.25	<0.2	<0.2	<0.25	<0.2
Chloroform	mg/kg	0.3	400	0.3	800	0.3	800	<0.005	<0.1	<0.5	<1.0	<0.05	<0.05	<0.05	<0.25	<0.1	<0.25	<0.1	<2.5	<0.1	<0.1	<0.25	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.13	<0.1	<0.1	<0.13	<0.1
Chloromethane	mg/kg	NE	NE	NE	NE	NE	NE	<0.005	<0.1	<0.5	<1.0	<0.05	<0.05	<0.05	<0.25	<0.1	<0.25	<0.1	<10	<0.1	<0.4	<1	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	--	<0.5	<0.4	<0.4	<0.5	<0.4
1,2-Dichlorobenzene	mg/kg	30	300	30	300	30	300	<0.005	<0.1	<0.5	<1.0	<0.05	<0.05	<0.05	<0.25	<0.1	<0.25	<0.1	<2.5	<0.1	<0.1	<0.25	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.13	<0.1	<0.1	<0.13	<0.1
1,4-Dichlorobenzene	mg/kg	4	50	4	300	4	2,000	<0.005	<0.1	<0.5	<1.0	<0.05	<0.05	<0.05	<0.25	<0.1	<0.25	<0.1	<2.5	<0.1	<0.1	<0.25	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.13	<0.1	<0.1	<0.13	<0.1
1,2-Dichloroethane	mg/kg	0.1	10	0.1	90	0.1	300	<0.005	<0.1	<0.5	<1.0	<0.05	<0.05	<0.05	<0.25	<0.1	<0.25	<0.1	<2.5	<0.1	<0.1	<0.25	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.13	<0.1	<0.1	<0.13	<0.1
1,1-Dichloroethane	mg/kg	5	500	5	1,000	5	1,000	<0.005	<0.1	<0.5	<1.0	0.13	<0.05	<0.05	<0.25	<0.1	<0.25	<0.1	<2.5	<0.1	<0.1	<0.25	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.13	<0.1	<0.1	<0.13	<0.1
1,1-Dichloroethene	mg/kg	40	500	40	1,000	40	3,000	<0.005	<0.1	<0.5	<1.0	<0.05	<0.05	<0.05	<0.25	<0.1	<0.25	<0.1	<2.5	0.11	<0.1	<0.25	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.13	<0.1	<0.1	<0.13	<0.1
trans-1,2-Dichloroethene	mg/kg	1	500	1	1,000	1	3,000	<0.005	<0.1	<0.5	<1.0	<0.05	<0.05	<0.05	<0.25	<0.1	<0.25	<0.1	<2.5	0.1	<0.1	<0.25	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.13	<0.1	<0.1	<0.13	<0.1
cis-1,2-Dichloroethene	mg/kg	0.4	100	0.4	500	0.4	500	0.032	<0.1	**5.5**	**3.8**	**1.4**	0.064	<0.05	**1.1**	<0.1	<0.25	0.13	<2.5	**2.4**	**1.3**	<0.25	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.13	<0.1	<0.1	<0.13	0.054
Diethyl ether	mg/kg	NE	NE	NE	NE	NE	NE	<0.005	<0.1	<0.5	<1.0	<0.05	<0.05	<0.05	<0.25	<0.1	<0.25	<0.1	<2.5	<0.1	<0.1	<0.25	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.13	<0.1	<0.1	<0.13	<0.1
1,4-Dioxane	mg/kg	6	70	6	500	6	500	<0.005	<0.1	<0.5	<1.0	<0.05	<0.05	<0.05	<0.25	<0.1	<0.25	<0.1	<2.5	<0.1	<0.1	<0.25	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.13	<0.1	<0.1	<0.13	<0.1
Ethylbenzene	mg/kg	500	500	1,000	1,000	1,000	3,000	<0.005	<0.1	4.2	14	<0.05	<0.05	<0.05	<0.25	<0.1	<0.25	<0.1	<2.5	<0.1	0.073	<0.25	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.13	<0.1	<0.1	<0.13	<0.1
Hexachlorobutadiene	mg/kg	6	6	90	90	100	100	<0.005	<0.1	<0.5	<1.0	<0.05	<0.05	<0.05	<0.25	<0.1	<0.25	<0.1	<2.5	<0.1	<0.1	<0.25	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.13	<0.1	<0.1	<0.13	<0.1
Isopropylbenzene	mg/kg	NE	NE	NE	NE	NE	NE	<0.005	<0.1	0.89	5.7	<0.05	<0.05	<0.05	<0.25	<0.1	<0.25	<0.1	<2.5	<0.1	<0.1	<0.25	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.13	<0.1	<0.1	<0.13	<0.1
p-Isopropyltoluene	mg/kg	NE	NE	NE	NE	NE	NE	<0.005	<0.1	3.2	7.6	<0.05	<0.05	0.081	<0.25	<0.1	2.1	<0.1	<2.5	<0.1	0.16	<0.25	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.13	<0.1	<0.1	<0.13	<0.1
Methyl tert-Butyl Ether	mg/kg	100	100	100	500	100	500	<0.005	<0.1	<0.5	<1.0	<0.05	<0.05	<0.05	<0.25	<0.1	<0.25	<0.1	<2.5	<0.2	<0.2	<0.25	<0.2	<0.2	<0.25	<0.2	<0.2	<0.2	<0.2	<0.2	--	<0.25	<0.2	<0.2	<0.25	<0.2
Methylene Chloride	mg/kg	20	200	20	900	20	900	<0.0125	<0.25	<1.25	<2.5	<0.125	<0.125	<0.125	<0.625	<0.25	<0.625	<0.25	<2.5	**1.3**	0.098	<0.25	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.13	<0.1	<0.1	<0.13	<0.1
Methyl isobutyl ketone	mg/kg	50	400	50	400	50	400	--	--	--	--	--	--	--	--	--	--	--	<5.0	**<0.4**	**<0.2**	<0.5	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	--	<0.25	<0.2	3.7	<0.25	<0.2
Naphthalene	mg/kg	40	500	40	1,000	40	3,000	<0.005	<0.1	14.6	21.1	<0.05	0.13	0.061	<0.25	<0.1	<0.25	<0.1	<2.5	<0.1	0.16	<0.25	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.13	<0.1	<0.1	<0.13	<0.1
n-Propylbenzene	mg/kg	NE	NE	NE	NE	NE	NE	<0.005	<0.1	2.3	10	<0.05	<0.05	<0.05	<0.25	<0.1	<0.25	<0.1	<2.5	<0.1	<0.1	<0.25	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.13	<0.1	<0.1	<0.13	<0.1
1,1,2,2-Tetrachloroethane	mg/kg	0.02	0.8	0.02	10	0.02	40	<0.005	<0.1	<0.5	<1.0	<0.05	<0.05	<0.05	<0.25	<0.1	<0.25	<0.1	<2.5	<0.1	<0.1	<0.25	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.13	<0.1	<0.1	<0.13	<0.1
1,1,1,2-Tetrachloroethane	mg/kg	0.1	7	0.1	100	0.1	300	<0.005	<0.1	<0.5	<1.0	<0.05	<0.05	<0.05	<0.25	<0.1	<0.25	<0.1	<2.5	<0.1	<0.1	<0.25	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.13	<0.1	<0.1	<0.13	<0.1
Tetrachloroethene	mg/kg	10	30	10	200	10	1,000	0.59	<0.1	<0.5	2.4	0.37	8.9	6	**248.2**	4.3	3.9	**12.9**	**830**	2.9	3.0	**15**	0.89	0.19	<0.25	<0.1	<0.1	<0.1	0.14	<0.1	--	<0.13	<0.1	<0.1	<0.13	0.19
Toluene	mg/kg	500	500	1,000	1,000	2,000	3,000	<0.005	<0.1	10.5	5.2	<0.05	<0.05	<0.05	<0.25	<0.1	<0.25	0.18	<2.5	<0.1	<0.1	<0.25	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.13	<0.1	1.7	<0.13	<0.1
1,1,1-Trichlroethane	mg/kg	500	500	600	1,000	600	3,000	0.033	<0.1	55	63.3	50	<0.05	<0.05	13.9	<0.1	0.39	1.9	<2.5	**4.9**	2.0	5.8	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	0.14	<0.1	--	<0.13	<0.1	<0.1	<0.13	<0.1
1,1,2-Trichloroethane	mg/kg	2	4	2	60	2	200		<0.1	<0.5	<1.0	<0.05	<0.05	<0.05	<0.25	<0.1	<0.25	<0.1	<2.5	<0.1	<0.1	<0.25	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.13	<0.1	<0.1	<0.13	<0.1
Trichloroethene	mg/kg	2	90	3	700	2	2,000	0.16	<0.1	**227.7**	**2.5**	**13.3**	0.55	0.2	**8.3**	<0.1	<0.25	**2.5**	**2.8**	**12**	0.11	**4.7**	0.2	0.044	<0.25	<0.1	0.10	**12**	**49**	<0.1	--	<0.13	<0.1	<0.1	0.16	0.35
Trichlorofluoromethane	mg/kg	NE	NE	NE	NE	NE	NE	<0.005	<0.1	<0.5	<1.0	1.9	<0.05	<0.05	<0.25	<0.1	<0.25	<0.1	<10	<0.4	<0.4	<1	<0.4	<0.4	<1	<0.4	<0.4	<0.4	<0.4	<0.4	--	<0.5	<0.4	<0.4	<0.5	<0.4
1,1,2-Trifluorotrichloroethane	mg/kg	NE	NE	NE	NE	NE	NE	<0.005	<0.1	<0.5	<1.0	<0.05	<0.05	<0.05	<0.25	<0.1	<0.25	<0.1	<2.5	<0.1	<0.1	<0.25	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.13	<0.1	<0.1	<0.13	<0.1
1,2,4-Trimethylbenzene	mg/kg	NE	NE	NE	NE	NE	NE	<0.005	<0.1	25.7	92.7	<0.05	0.21	0.25	<0.25	<0.1	<0.25	<0.1	<2.5	<0.1	0.3	<0.25	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.13	<0.1	1.0	<0.13	<0.1
1,3,5-Trimethylbenzene	mg/kg	NE	NE	NE	NE	NE	NE	<0.005	<0.1	8.6	38.9	<0.05	0.12	0.11	<0.25	<0.1	<0.25	<0.1	<2.5	<0.1	0.11	<0.25	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.13	<0.1	1.1	<0.13	<0.1
Vinyl Chloride	mg/kg	0.6	0.6	0.7	4	0.7	30	--	--	--	--	--	--	--	--	--	--	--	<5	<0.2	<0.2	<0.5	<0.2	<0.2	<0.5	<0.2	<0.2	<0.2	<0.2	<0.2	--	<0.25	<0.2	<0.2	<0.25	<0.2
Xylenes (Total)	mg/kg	300	500	300	1,000	300	3,000	<0.015	<0.3	19.9	147.9	<0.15	<0.15	<0.15	<0.75	<0.3	<0.75	<0.3	<2.5	<0.1	0.119	<0.25	<0.1	<0.1	<0.25	<0.1	<0.1	<0.1	<0.1	<0.1	--	<0.13	<0.1	2.71	<0.13	<0.1
Remaining VOCs	mg/kg	**	**	**	**	**	**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	ND	ND	ND	ND	ND
MassDEP VPH	**Units**																																			
C5-C8 Aliphatics	mg/kg	100	100	500	500	500	500	--	--	--	--	--	--	--	--	--	--	--	**110**	--	--	--	--	--	--	--	--	--	--	--	<1.0	<0.50	--	--	--	--
C9-C12 Aliphatics	mg/kg	1,000	1,000	3,000	3,000	5,000	5,000	--	--	--	--	--	--	--	--	--	--	--	11	--	--	--	--	--	--	--	--	--	--	--	<1.0	<0.50	--	--	--	--
C9-C10 Aromatics	mg/kg	100	100	500	500	500	500	--	--	--	--	--	--	--	--	--	--	--	6.1	--	--	--	--	--	--	--	--	--	--	--	<1.0	<0.50	--	--	--	--
Benzene	mg/kg	30	30	200	200	700	900	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.050	--	--	--	--	--
Toluene	mg/kg	500	500	1,000	1,000	2,000	3,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.050	--	--	--	--	--
Ethylbenzene	mg/kg	500	500	1,000	1,000	1,000	3,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.050	--	--	--	--	--
Total Xylenes	mg/kg	300	500	300	1,000	300	3,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.10	--	--	--	--	--
Methyl tert-Butyl Ether (MTBE)	mg/kg	100	100	100	500	100	500	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.25	--	--	--	--	--
Naphthalene	mg/kg	40	500	40	1,000	40	3,000	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.10	--	--	--	--	--
MassDEP EPH	**Units**																																			
Acenaphthene	mg/kg	1,000	1,000	3,000	3,000	5,000	5,000	--	--	--	--	--	--	--	--	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--	<0.30	<0.30	--	--	--	--
Acenaphthylene	mg/kg	600	10	600	10	600	10	--	--	--	--	--	--	--	--	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--	<0.30	<0.30	--	--	--	--
Anthracene	mg/kg	1,000	1,000	3,000	3,000	5,000	5,000	--	--	--	--	--	--	--	--	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--	<0.30	<0.30	--	--	--	--
Benzo(a)anthracene	mg/kg	7	7	40	40	300	300	--	--	--	--	--	--	--	--	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--	<0.30	<0.30	--	--	--	--
Benzo(a)pyrene	mg/kg	2	2	4	4	30	30	--	--	--	--	--	--	--	--	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--	<0.30	<0.30	--	--	--	--
Benzo(b)fluoranthene	mg/kg	7	7	40	40	300	300	--	--	--	--	--	--	--	--	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--	<0.30	<0.30	--	--	--	--
Benzo(g,h,i)perylene	mg/kg	1,000	1,000	3,000	3,000	5,000	5,000	--	--	--	--	--	--	--	--	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--	<0.30	<0.30	--	--	--	--
Benzo(k)fluoranthene	mg/kg	70	70	400	400	3,000	3,000	--	--	--	--	--	--	--	--	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--	<0.30	<0.30	--	--	--	--
Chrysene	mg/kg	70	70	400	400	3,000	3,000	--	--	--	--	--	--	--	--	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--	<0.30	<0.30	--	--	--	--
Dibenz(a,h)anthracene	mg/kg	0.7	0.7	4	4	30	30	--	--	--	--	--	--	--	--	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--	<0.30	<0.30	--	--	--	--
Fluoranthene	mg/kg	1,000	1,000	3,000	3,000	5,000	5,000	--	--	--	--	--	--	--	--	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--	<0.30	<0.30	--	--	--	--
Fluorene	mg/kg	1,000	1,000	3,000	3,000	5,000	5,000	--	--	--	--	--	--	--	--	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--	<0.30	<0.30	--	--	--	--
Indeno(1,2,3-cd)pyrene	mg/kg	7	7	40	40	300	300	--	--	--	--	--	--	--	--	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--	<0.30	<0.30	--	--	--	--
Naphthalene	mg/kg	40	500	40	1,000	40	3,000	--	--	--	--	--	--	--	--	--	--	--	0.97	--	--	--	--	--	--	--	--	--	--	--	<0.30	<0.30	--	--	--	--
Phenanthrene	mg/kg	500	500	1,000	1,000	3,000	3,000	--	--	--	--	--	--	--	--	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--	<0.30	<0.30	--	--	--	--
Pyrene	mg/kg	1,000	1,000	3,000	3,000	5,000	5,000	--	--	--	--	--	--	--	--	--	--	--	<0.30	--	--	--	--	--	--	--	--	--	--	--	<0.30	<0.30	--	--	--	--
2-Methylnaphthalene	mg/kg	80	300	80	500	80	500	--	--	--	--	--	--	--	--	--	--	--	6.1	--	--	--	--	--	--	--	--	--	--	--	<0.30	<0.30	--	--	--	--
C9-18 Aliphatics	mg/kg	1,000	1,000	3,000	3,000	5,000	5,000	--	--	--	--	--	--	--	--	--	--	--	38	--	--	--	--	--	--	--	--	--	--	--	<1.0	<2.0	--	--	--	--
C19-36 Aliphatics	mg/kg	3,000	3,000	5,000	5,000	5,000	5,000	--	--	--	--	--	--	--	--	--	--	--	20	--	--	--	--	--	--	--	--	--	--	--	6.6	6.8	--	--	--	--
C11-22 Aromatics	mg/kg	1,000	1,000	3,000	3,000	5,000	5,000	--	--	--	--	--	--	--	--	--	--	--	11	--	--	--	--	--	--	--	--	--	--	--	<2.0	2.2	--	--	--	--

Notes:
Concentrations reported in milligrams per kilogram (mg/kg).
< = Not detected at the indicated reporting limit.
ND = Not detected.
NE = MassDEP has not established a Method 1 groundwater standard for this compound.
* = Method 1 S-1 groundwater standards are not applicable to all loactions, but are provided for reference.
** = Compound quantified in the VPH carbon ranges (which have Method 1 standards).
*** = MassDEP establishes a specific Method 1 soil standard for each compound.
BOLD = Concentration exceeds one or more Method 1 soil standards.

TABLE 11
SURFACE WATER ANALYTICAL DATA
Interim CARP II
General Chemical Corporation
Framingham, MA

Analytical Parameters Tested	Sample ID																	
	SW-1 1/28/00	SW-2 1/28/00	SW-3 1/28/00	SW-10 1/28/00	CBWW 12/28/99	DSA-1 12/28/99	DSA-1A 12/28/99	DSC-1 12/28/99	DSC-2 12/28/99	USC-1 12/28/99	SW-7 12/22/99	SW-70 Duplicate 12/22/99	SW-8 12/22/99	SW-9 12/22/99	SW-10 12/22/99	SW-1 6/1/99	SW-2 6/1/99	SW-3 6/1/99
Volatile Organic Compounds EPA 8260																		
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	130	99	240	3.0	8.9	8.6	36	25	ND	86	81	140	610	570	ND	416	108
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.1	ND
1,1-Dichloroethane	6.6	100	85	210	ND	4.3	4.2	17	12	ND	32	32	47	230	550	ND	676	158
1,1-Dichloroethene	ND	36	27	63	ND	1.5	1.4	6.3	4.5	ND	12	12	19	92	120	ND	233	40.3
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.8	ND
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9	ND
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	39	ND	103	ND
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5.8	790	600	2,300	9.6	33	32	120	91	ND	250	250	420	1900	3000	ND	3,400	660
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0	ND	ND	3.2	ND
Isopropyl benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m&p-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4	ND	---	---	---
Methyl isobutyl ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-Tert-Butyl Ether (MTBE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	---	---	---
Methylene Chloride (Dichloromethane)	ND	290	210	ND	ND	8.1	7.6	30	22	ND	48	49	75	470	120	ND	706	75
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6	ND	---	---	---
sec-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ND	59	43	ND	ND	1.1	1.2	4.5	3.2	ND	15	15	23	57	5.1	ND	33	94.1
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.3	2.1	ND	20.2	1.8
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.8	11	ND	11	2.8
Trichloroethylene	1.4	110	79	110	1.3	3.3	3.2	13	9.3	ND	30	31	47	180	23	ND	193	80.3
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	5.0	140	110	140	ND	3.3	3.2	18	12	ND	25	25	44	280	320	ND	607	113
Xylene (total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	10.2	ND
Total VOCs	18.8	1,655	1,253	3,063	13.9	63.5	61.4	245	179	ND	498	495	815	3,837	4,760	ND	6,412	1,333

Notes
1. SW-1 through SW-3 were collected by IT Group on June 1, 1999.
2. All other surface water samples collected by GZA personnel on December 22 and 28, 1999; and January 28, 2000.
3. IT Group analyses performed by Accutest laboratory in Marlborough, Massachusetts.
4. GZA analyses performed by GZA's Environmental Chemistry Laboratory (ECL) in Newton, Massachusetts.
5. Concentrations are in ug/L (ppb).
6. "ND" = Not Detected Above Method Detection Limit (See laboratory data sheets for additional information).
7. "---" = Not Analyzed.

TABLE 12
WETLAND SOIL AND SEDIMENT ANALYTICAL DATA
Interim CARP II
General Chemical Corporation
Framingham, MA

Analytical Parameters Tested	Sample ID												
	SED-1 06/02/98	SED-1-DUP Duplicate 06/02/98	SED-2 06/02/98	SED-3 06/02/98	SED-4 06/02/98	SED-5 06/02/98	SED-6 06/02/98	SED-1D 12/22/99	SED-1D-DUP Duplicate 12/22/99	SED-1D2 12/22/99	SED-1S 12/22/99	SED-2D 12/22/99	SED-2S 12/22/99
Volatile Organic Compounds EPA 8260													
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	270	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	---	---	---	---	---	---	---	ND	ND	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	---	---	---	---	---	---	---	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethylene	ND	ND	ND	1,200	ND	ND	ND	ND	ND	ND	1,400	ND	ND
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropyl benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m&p-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl isobutyl ketone	---	---	---	---	---	---	---	ND	ND	ND	ND	ND	ND
Methyl tertiary butyl ether (MTBE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride (Dichloromethane)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	330	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	87	ND
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	---	---	---	---	---	---	---	ND	ND	ND	ND	ND	ND
Xylenes (Total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs	ND	ND	ND	1,200	ND	ND	ND	ND	ND	ND	2,000	87	ND

Notes:
1. SED-1 through SED-6 sediment samples collected by CDW Consultants, Inc. on June 2, 1998.
2. SED-1D through SED-4S sediment samples collected by GZA personnel on December 22, 1999.
3. WS-1 through WS-5 wetland soil samples collected by GZA personnel on April 5, 2000.
4. Samples collected in 1998 analyzed at Spectrum Analytical, Inc. in Agawam, Massachusetts.
5. Samples collected in 1999 and 2000 analyzed at GZA's Environmental Chemistry Laboratory (ECL) in Newton, Massachusetts.
6. Concentrations are in ug/kg (ppb).
7. "ND" = Not Detected Above Method Detection Limit (See laboratory data sheets for additional information).

TABLE 12
WETLAND SOIL AND SEDIMENT ANALYTICAL DATA
Interim CARP II
General Chemical Corporation
Framingham, MA

Analytical Parameters Tested	SED-3D 12/22/99	SED-3S 12/22/99	SED-4D 12/22/99
Volatile Organic Compounds EPA 8260			
1,1,1,2-Tetrachloroethane	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	76
1,1,2-Trichloroethane	ND	ND	ND
1,1-Dichloroethane	ND	1,600	60
1,1-Dichloroethylene	ND	ND	ND
1,2,4-Trimethylbenzene	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND
1,3,5-Trimethylbenzene	ND	ND	ND
4-Isopropyltoluene	ND	ND	ND
Acetone	ND	ND	ND
Benzene	ND	ND	ND
Bromochloromethane	ND	ND	ND
Chloroethane	ND	ND	ND
Chloroform	ND	ND	ND
cis-1,2-Dichloroethylene	ND	7,300	580
Ethylbenzene	ND	ND	ND
Isopropyl benzene	ND	ND	ND
m&p-Xylene	ND	ND	ND
Methyl isobutyl ketone	ND	ND	ND
Methyl tertiary butyl ether (MTBE)	ND	ND	ND
Methylene Chloride (Dichloromethane)	ND	ND	ND
Naphthalene	ND	ND	ND
n-Butylbenzene	ND	ND	ND
n-Propylbenzene	ND	ND	ND
o-Xylene	ND	ND	ND
sec-Butylbenzene	ND	ND	ND
Tetrachloroethylene	ND	ND	ND
Toluene	ND	ND	ND
trans-1,2-Dichloroethylene	ND	ND	ND
Trichloroethylene	ND	ND	280
Trichlorofluoromethane	ND	ND	ND
Vinyl Chloride	ND	ND	ND
Xylenes (Total)	ND	ND	ND
Total VOCs	ND	8,900	996

Appendix C

Groundwater and Surface Water Sampling Analytical Laboratory Reports (Summer 2011 Quarterly Sampling Event and Comprehensive Sampling Event)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

August 15, 2011 6:09:28PM

Client: GES Westford (10650)
364 Littleton Road, Suite 4
Westford, MA 01886
Attn: Stefon Sokol

Work Order: NUG4225
Project Name: General Chemical
Project Nbr: Framingham, MA
P/O Nbr: 1603978
Date Received: 07/29/11

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
ERM-11	NUG4225-01	07/25/11 13:45
GZA-13	NUG4225-02	07/25/11 15:45
MW-14	NUG4225-03	07/26/11 10:00
WMW-5	NUG4225-04	07/26/11 11:50
EWPZ-2S	NUG4225-05	07/26/11 13:45
EWPZ-2D	NUG4225-06	07/26/11 15:30
CDW-6	NUG4225-07	07/26/11 17:30
EW-1	NUG4225-08	07/27/11 11:45
WMW-4	NUG4225-09	07/27/11 13:45
WMW-6	NUG4225-10	07/27/11 16:00
Trip Blank	NUG4225-11	07/27/11 00:01

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. These results relate only to the items tested, and this report may not be reproduced except in full and with the permission of the Laboratory. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Certification Number: M-TN032

EPH/VPH Qualifications

*C11-C22 Aromatic hydrocarbons exclude concentration of PAH's.

*HydroCarbon Range data exclude area counts of any surrogate(s) and/or internal standards eluting in that range.
*VPH C5-C8 Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range.
*Adjusted C5-C8 Aliphatic Hydrocarbons range excluded the concentrations of MTBE, Benzene and Toluene.
*VPH C9-C12 Aliphatic Hydrocarbons exclude target analytes eluting in that range AND concentration of C9-C10 Aromatic Hydrocarbons.
*Adjusted C9-C12 Aliphatic Hydrocarbon range excludes the concentration of Ethylbenzene, m-, p-, and o- Xylene and the C9-C10 Aromatic Hydrocarbon values.

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

Additional Laboratory Comments:

Revised Report (2):

This report was revised on 8-15-11 to complete the report Also, 1,1,2-Trifluorotrichloroethane was added to the Volatile list per client request for this project. This complete final report replaces the partial final report generated on 8-11-11 at 1544.

Revised Report (1):

This report was revised on 8-11-11 to add MADEP EPH into the Partial Final report and also added to the case narrative (VOC and EPH comments). This final report replaces the partial final report generated on 8-11-11 at 1114.

All samples were received in good condition, properly preserved, and properly labeled. All analyses were completed within holding times.

All no responses from the attached "MCP Response Action Analytical Report Certification Form" are addressed below.

G. The volatile reporting limit for tetrahydrofuran was above the MADEP CAM limits. The reporting limits did meet the client requested limits with the exception of 1,4-Dioxane and Hexachlorobutadiene under GW-1.

The EPH reporting limits for the PAHs were above the MADEP CAM limits. The reporting limits did meet the client requested limits except for the following compounds: Benzo(a)Anthracene, Benzo(a)Pyrene, Benzo(b)Fluoranthene, Benzo(k)Fluoranthene, Chrysene, Dibenzo(a,h)Anthracene and Indeno(1,2,3-cd)Pyrene under the GW-1 standards.

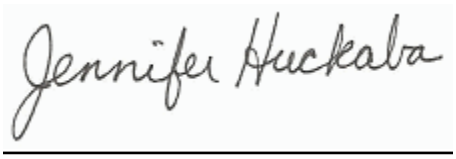
H. The volatile blank spike and/or blank spike duplicate (LCS/LCSD) recoveries for Dichlorodifluoromethane and cis-1,3-Dichloropropene in batch 11H2161 were outside QC limits and Bromochloromethane and Bromomethane in batch 11H2173 were outside QC limits. Less than 10% of the analytes were outside criteria and the recoveries were within greater than 10% and samples did not report these compounds in this report; therefore the data was accepted without further analysis. They were reported from a different batch.

I. The full MCP Metals CAM analyte list was not reported. Only those analytes requested on the chain of custody by the client were reported.

The Chain(s) of Custody, 7 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainty is available upon request.
This report has been electronically signed.
Report Approved By:



Jennifer Huckaba

Senior Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

Sample Cooler Information

Lab ID	Cooler ID	Temp	Seals	Containers Intact	Preservation Confirmed	On Ice
	5972	-0.5C	Yes	Yes	No	Yes
	6008	0.4C	Yes	Yes	No	Yes
	6019	1.1C	Yes	Yes	No	Yes
	6020	0.1C	Yes	Yes	No	Yes

MassDEP Analytical Protocol Certification Form

Laboratory Name: TestAmerica Analytical Testing Corporation | Project #: Framingham, MA

Project Location: General Chemical | RTN:

This Form provides certifications for the following data set: list Laboratory Sample ID Number(s):

NUG4225

Matrices: Groundwater/Surface Water | Soil/Sediment | Drinking Water | Air | Other:

CAM Protocol (check all that apply below):

8260 VOC CAM II A [X]	7470/7471 Hg CAM III B	MassDEP VPH CAM IV A [X]	8081 Pesticides CAM V B	7196 Hex Cr CAM VI B	MassDEP APH CAM IX A
8270 SVOC CAM II B	7010 Metals CAM III C	MassDEP EPH CAM IV B [X]	8151 Herbicides CAM V C	8330 Explosives CAM VIII A	TO-15 VOC CAM IX B
6010 Metals CAM III A [X]	6020 Metals CAM III D	8082 PCB CAM V A	9014 Total Cyanide/PAC CAM VI A	6860 Perchlorate CAM VIII B	

Affirmative Responses to Questions A through F are required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	(Yes) No
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	(Yes) No
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	(Yes) No
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	(Yes) No
E	VPH, EPH, APH, and TO-15 only: a. VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications). b. APH and TO-15 Methods only: Was the complete analyte list reported for each method?	(Yes) No Yes No
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	(Yes) No

Responses to Questions G, H and I below are required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	Yes (No[1])

Data User Note: Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.

H	Were **all** QC performance standards specified in the CAM protocol(s) achieved?	Yes (No[1])
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	Yes (No[1])

[1] *All negative responses must be addressed in an attached laboratory narrative.*

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: Jennifer Huckaba **Position:** Sr Proj Mgr.

Printed Name: Jennifer Huckaba **Date:** 8.15.11

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-01 (ERM-11 - Ground Water) Sampled: 07/25/11 13:45										
General Chemistry Parameters										
Alkalinity, Total (CaCO3)	**40.0**	mg/L		10.0	1	08/02/11 16:35	08/02/11 23:14	JAG2	SM2320 B	11H0517
Chemical Oxygen Demand	ND	mg/L		10.0	1	08/03/11 10:34	08/04/11 08:03	MSJ	SM5220 D	11H0642
Total Organic Carbon	**1.74**	mg/L		1.00	1	08/12/11 14:08	08/12/11 16:23	SHJ	SM5310 B	11H3119

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-01 (ERM-11 - Ground Water) - cont. Sampled: 07/25/11 13:45										
MADEP VPH										
VPH Preservation	pH<2									
Methyl tert-Butyl Ether	ND	ug/L		3.00	1	07/25/11 13:45	08/02/11 13:35	KAR2	MADEP VPH	11H0339
Benzene	ND	ug/L		1.00	1	07/25/11 13:45	08/02/11 13:35	KAR2	MADEP VPH	11H0339
Toluene	ND	ug/L		3.00	1	07/25/11 13:45	08/02/11 13:35	KAR2	MADEP VPH	11H0339
Ethylbenzene	ND	ug/L		1.00	1	07/25/11 13:45	08/02/11 13:35	KAR2	MADEP VPH	11H0339
m,p-Xylene	ND	ug/L		4.00	1	07/25/11 13:45	08/02/11 13:35	KAR2	MADEP VPH	11H0339
o-Xylene	ND	ug/L		2.00	1	07/25/11 13:45	08/02/11 13:35	KAR2	MADEP VPH	11H0339
Naphthalene	ND	ug/L		5.00	1	07/25/11 13:45	08/02/11 13:35	KAR2	MADEP VPH	11H0339
C5 - C8 Aliphatic Hydrocarbons, Unadjuste	ND	ug/L		100	1	07/25/11 13:45	08/02/11 13:35	KAR2	MADEP VPH	11H0339
C9 - C12 Aliphatic Hydrocarbons, Unadjust	ND	ug/L		100	1	07/25/11 13:45	08/02/11 13:35	KAR2	MADEP VPH	11H0339
C5 - C8 Aliphatic Hydrocarbons	ND	ug/L		100	1	07/25/11 13:45	08/02/11 13:35	KAR2	MADEP VPH	11H0339
C9 - C12 Aliphatic Hydrocarbons	ND	ug/L		100	1	07/25/11 13:45	08/02/11 13:35	KAR2	MADEP VPH	11H0339
C9 - C10 Aromatic Hydrocarbons	ND	ug/L		100	1	07/25/11 13:45	08/02/11 13:35	KAR2	MADEP VPH	11H0339
Surr: 2,5-Dibromotoluene (FID) (70-130%)	*105 %*						08/02/11 13:35	KAR2	MADEP VPH	11H0339
Surr: 2,5-Dibromotoluene (PID) (70-130%)	*95 %*						08/02/11 13:35	KAR2	MADEP VPH	11H0339

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-01 (ERM-11 - Ground Water) - cont. Sampled: 07/25/11 13:45										
MADEP EPH										
C9 - C18 Aliphatic Hydrocarbons	ND	ug/L		111	1	08/08/11 11:20	08/09/11 19:21	jlf	MADEP EPH	11H1868
C19 - C36 Aliphatic Hydrocarbons	ND	ug/L		111	1	08/08/11 11:20	08/09/11 19:21	jlf	MADEP EPH	11H1868
C11 - C22 Aromatic Hydrocarbons	ND	ug/L		111	1	08/08/11 11:20	08/09/11 19:21	jlf	MADEP EPH	11H1868
C11 - C22 Aromatic Hydrocarbons, Unadjus	ND	ug/L		111	1	08/08/11 11:20	08/09/11 19:51	jlf	MADEP EPH	11H1868
2-Methylnaphthalene	ND	ug/L		11.1	1	08/08/11 11:20	08/09/11 19:51	jlf	MADEP EPH	11H1868
Acenaphthene	ND	ug/L		11.1	1	08/08/11 11:20	08/09/11 19:51	jlf	MADEP EPH	11H1868
Acenaphthylene	ND	ug/L		11.1	1	08/08/11 11:20	08/09/11 19:51	jlf	MADEP EPH	11H1868
Anthracene	ND	ug/L		11.1	1	08/08/11 11:20	08/09/11 19:51	jlf	MADEP EPH	11H1868
Benzo (a) anthracene	ND	ug/L		11.1	1	08/08/11 11:20	08/09/11 19:51	jlf	MADEP EPH	11H1868
Benzo (a) pyrene	ND	ug/L		11.1	1	08/08/11 11:20	08/09/11 19:51	jlf	MADEP EPH	11H1868
Benzo (b) fluoranthene	ND	ug/L		11.1	1	08/08/11 11:20	08/09/11 19:51	jlf	MADEP EPH	11H1868
Benzo (g,h,i) perylene	ND	ug/L		11.1	1	08/08/11 11:20	08/09/11 19:51	jlf	MADEP EPH	11H1868
Benzo (k) fluoranthene	ND	ug/L		11.1	1	08/08/11 11:20	08/09/11 19:51	jlf	MADEP EPH	11H1868
Chrysene	ND	ug/L		11.1	1	08/08/11 11:20	08/09/11 19:51	jlf	MADEP EPH	11H1868
Dibenz (a,h) anthracene	ND	ug/L		11.1	1	08/08/11 11:20	08/09/11 19:51	jlf	MADEP EPH	11H1868
Fluoranthene	ND	ug/L		11.1	1	08/08/11 11:20	08/09/11 19:51	jlf	MADEP EPH	11H1868
Fluorene	ND	ug/L		11.1	1	08/08/11 11:20	08/09/11 19:51	jlf	MADEP EPH	11H1868
Indeno (1,2,3-cd) pyrene	ND	ug/L		11.1	1	08/08/11 11:20	08/09/11 19:51	jlf	MADEP EPH	11H1868
Naphthalene	ND	ug/L		11.1	1	08/08/11 11:20	08/09/11 19:51	jlf	MADEP EPH	11H1868
Phenanthrene	ND	ug/L		11.1	1	08/08/11 11:20	08/09/11 19:51	jlf	MADEP EPH	11H1868
Pyrene	ND	ug/L		11.1	1	08/08/11 11:20	08/09/11 19:51	jlf	MADEP EPH	11H1868
Surr: 1-Chlorooctadecane (40-140%)	*72 %*						08/09/11 19:21	jlf	MADEP EPH	11H1868
Surr: o-Terphenyl (40-140%)	*94 %*						08/09/11 19:51	jlf	MADEP EPH	11H1868
Surr: 2-Bromonaphthalene (40-140%)	*88 %*						08/09/11 19:51	jlf	MADEP EPH	11H1868
Surr: 2-Fluorobiphenyl (40-140%)	*98 %*						08/09/11 19:51	jlf	MADEP EPH	11H1868

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Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-01 (ERM-11 - Ground Water) - cont. Sampled: 07/25/11 13:45										
Total Metals by EPA 6010C										
Iron	**0.0696**	mg/L		0.0500	1	08/03/11 06:50	08/03/11 12:19	AVR	SW846 6010C	11H0271
Manganese	**0.0419**	mg/L		0.0150	1	08/03/11 06:50	08/03/11 12:19	AVR	SW846 6010C	11H0271

TestAmerica
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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-01 (ERM-11 - Ground Water) - cont. Sampled: 07/25/11 13:45										
Dissolved Metals by Method 6010C										
Iron	ND	mg/L		0.0500	1	08/05/11 06:00	08/08/11 12:32	AVR	SW846 6010C	11H0269
Manganese	**0.0326**	mg/L		0.0150	1	08/05/11 06:00	08/08/11 12:32	AVR	SW846 6010C	11H0269

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Sample ID: NUG4225-01 (ERM-11 - Ground Water) - cont. Sampled: 07/25/11 13:45

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Benzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Bromobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Bromochloromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Bromodichloromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Bromoform	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Bromomethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
2-Butanone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
tert-Butylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
n-Butylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
sec-Butylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Carbon disulfide	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Carbon Tetrachloride	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Chlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Chlorodibromomethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Chloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Chloroform	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Chloromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
2-Chlorotoluene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
4-Chlorotoluene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Dibromomethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
1,2-Dichloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
1,1-Dichloroethane	**1.47**	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
1,1-Dichloroethene	**4.36**	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
cis-1,2-Dichloroethene	**58.0**	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
1,3-Dichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
2,2-Dichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
1,2-Dichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
1,1-Dichloropropene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Diethyl ether	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Sample ID: NUG4225-01 (ERM-11 - Ground Water) - cont. Sampled: 07/25/11 13:45

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
1,4-Dioxane	ND	ug/L		200	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Ethylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Hexachlorobutadiene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
2-Hexanone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Isopropylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Diisopropyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
p-Isopropyltoluene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Methylene Chloride	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Naphthalene	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
n-Propylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Styrene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Tetrachloroethene	**3.12**	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Tetrahydrofuran	ND	ug/L		20.0	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Toluene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
1,1,1-Trichloroethane	**25.2**	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Trichloroethene	**3.48**	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Trichlorofluoromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Vinyl chloride	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Xylenes, total	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
1,1,2-Trifluorotrichloroethane	**5.16**	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:17	EML	SW846 8260B	11H2130
Surr: 1,2-Dichloroethane-d4 (70-130%)	*102 %*						08/04/11 02:17	EML	SW846 8260B	11H2130
Surr: Dibromofluoromethane (70-130%)	*103 %*						08/04/11 02:17	EML	SW846 8260B	11H2130
Surr: Toluene-d8 (70-130%)	*91 %*						08/04/11 02:17	EML	SW846 8260B	11H2130
Surr: 4-Bromofluorobenzene (70-130%)	*102 %*						08/04/11 02:17	EML	SW846 8260B	11H2130

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Sample ID: NUG4225-02 (GZA-13 - Ground Water) Sampled: 07/25/11 15:45

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	**46.2**	ug/L		10.0	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Benzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Bromobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Bromochloromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Bromodichloromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Bromoform	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Bromomethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
2-Butanone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
tert-Butylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
n-Butylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
sec-Butylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Carbon disulfide	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Carbon Tetrachloride	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Chlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Chlorodibromomethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Chloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Chloroform	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Chloromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
2-Chlorotoluene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
4-Chlorotoluene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Dibromomethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
1,2-Dichloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
1,1-Dichloroethane	**222**	ug/L		10.0	10	08/08/11 15:09	08/08/11 19:16	EML	SW846 8260B	11H2173
1,1-Dichloroethene	**33.0**	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
trans-1,2-Dichloroethene	**11.5**	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
cis-1,2-Dichloroethene	**4330**	ug/L		100	100	08/08/11 15:09	08/08/11 18:48	EML	SW846 8260B	11H2173
1,3-Dichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
2,2-Dichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
1,2-Dichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
1,1-Dichloropropene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Diethyl ether	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-02 (GZA-13 - Ground Water) - cont. Sampled: 07/25/11 15:45										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L		200	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Ethylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Hexachlorobutadiene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
2-Hexanone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Isopropylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Diisopropyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
p-Isopropyltoluene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Methylene Chloride	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Naphthalene	**2.91**	ug/L		2.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
n-Propylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Styrene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Tetrachloroethene	**230**	ug/L		10.0	10	08/08/11 15:09	08/08/11 19:16	EML	SW846 8260B	11H2173
Tetrahydrofuran	ND	ug/L		20.0	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Toluene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
1,1,1-Trichloroethane	**499**	ug/L		10.0	10	08/08/11 15:09	08/08/11 19:16	EML	SW846 8260B	11H2173
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Trichloroethene	**143**	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Trichlorofluoromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Vinyl chloride	**20.8**	ug/L		1.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
Xylenes, total	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 02:45	EML	SW846 8260B	11H2130
1,1,2-Trifluorotrichloroethane	**896**	ug/L		10.0	10	08/08/11 15:09	08/08/11 19:16	EML	SW846 8260B	11H2173
Surr: 1,2-Dichloroethane-d4 (70-130%)	*105 %*						08/04/11 02:45	EML	SW846 8260B	11H2130
Surr: 1,2-Dichloroethane-d4 (70-130%)	*99 %*						08/08/11 19:16	EML	SW846 8260B	11H2173
Surr: 1,2-Dichloroethane-d4 (70-130%)	*100 %*						08/08/11 18:48	EML	SW846 8260B	11H2173
Surr: Dibromofluoromethane (70-130%)	*107 %*						08/04/11 02:45	EML	SW846 8260B	11H2130
Surr: Dibromofluoromethane (70-130%)	*106 %*						08/08/11 19:16	EML	SW846 8260B	11H2173
Surr: Dibromofluoromethane (70-130%)	*107 %*						08/08/11 18:48	EML	SW846 8260B	11H2173
Surr: Toluene-d8 (70-130%)	*92 %*						08/04/11 02:45	EML	SW846 8260B	11H2130
Surr: Toluene-d8 (70-130%)	*102 %*						08/08/11 19:16	EML	SW846 8260B	11H2173
Surr: Toluene-d8 (70-130%)	*103 %*						08/08/11 18:48	EML	SW846 8260B	11H2173

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-02 (GZA-13 - Ground Water) - cont. Sampled: 07/25/11 15:45										
Volatile Organic Compounds by EPA Method 8260B - cont.										
Surr: 4-Bromofluorobenzene (70-130%)	*106 %*						08/04/11 02:45	EML	SW846 8260B	11H2130
Surr: 4-Bromofluorobenzene (70-130%)	*93 %*						08/08/11 19:16	EML	SW846 8260B	11H2173
Surr: 4-Bromofluorobenzene (70-130%)	*91 %*						08/08/11 18:48	EML	SW846 8260B	11H2173

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Sample ID: NUG4225-03 (MW-14 - Ground Water) Sampled: 07/26/11 10:00

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	**11.1**	ug/L		10.0	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Benzene	**4.85**	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Bromobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Bromochloromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Bromodichloromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Bromoform	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Bromomethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
2-Butanone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
tert-Butylbenzene	**1.29**	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
n-Butylbenzene	**7.31**	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
sec-Butylbenzene	**3.80**	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Carbon disulfide	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Carbon Tetrachloride	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Chlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Chlorodibromomethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Chloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Chloroform	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Chloromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
2-Chlorotoluene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
4-Chlorotoluene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Dibromomethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
1,2-Dichloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
1,1-Dichloroethane	**154**	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
1,1-Dichloroethene	**39.2**	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
trans-1,2-Dichloroethene	**3.63**	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
cis-1,2-Dichloroethene	**1890**	ug/L		20.0	20	08/05/11 12:19	08/05/11 20:47	EML	SW846 8260B	11H2161
1,3-Dichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
2,2-Dichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
1,2-Dichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
1,1-Dichloropropene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Diethyl ether	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-03 (MW-14 - Ground Water) - cont. Sampled: 07/26/11 10:00										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L		200	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Ethylbenzene	**28.5**	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Hexachlorobutadiene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
2-Hexanone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Isopropylbenzene	**7.72**	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Diisopropyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
p-Isopropyltoluene	**8.25**	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Methylene Chloride	**6.76**	ug/L		2.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Naphthalene	**57.1**	ug/L		2.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
n-Propylbenzene	**10.6**	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Styrene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Tetrachloroethene	**7.07**	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Tetrahydrofuran	ND	ug/L		20.0	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Toluene	**25.2**	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
1,1,1-Trichloroethane	**130**	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Trichloroethene	**3.05**	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Trichlorofluoromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
1,3,5-Trimethylbenzene	**39.9**	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
1,2,4-Trimethylbenzene	**151**	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
Vinyl chloride	**448**	ug/L		20.0	20	08/05/11 12:19	08/05/11 20:47	EML	SW846 8260B	11H2161
Xylenes, total	**72.8**	ug/L		2.00	1	08/03/11 22:58	08/04/11 03:13	EML	SW846 8260B	11H2130
1,1,2-Trifluorotrichloroethane	**98.2**	ug/L		20.0	20	08/05/11 12:19	08/05/11 20:47	EML	SW846 8260B	11H2161
Surr: 1,2-Dichloroethane-d4 (70-130%)	*105 %*						08/04/11 03:13	EML	SW846 8260B	11H2130
Surr: 1,2-Dichloroethane-d4 (70-130%)	*101 %*						08/05/11 20:47	EML	SW846 8260B	11H2161
Surr: Dibromofluoromethane (70-130%)	*103 %*						08/04/11 03:13	EML	SW846 8260B	11H2130
Surr: Dibromofluoromethane (70-130%)	*102 %*						08/05/11 20:47	EML	SW846 8260B	11H2161
Surr: Toluene-d8 (70-130%)	*98 %*						08/04/11 03:13	EML	SW846 8260B	11H2130
Surr: Toluene-d8 (70-130%)	*105 %*						08/05/11 20:47	EML	SW846 8260B	11H2161
Surr: 4-Bromofluorobenzene (70-130%)	*105 %*						08/04/11 03:13	EML	SW846 8260B	11H2130
Surr: 4-Bromofluorobenzene (70-130%)	*104 %*						08/05/11 20:47	EML	SW846 8260B	11H2161

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Sample ID: NUG4225-04 (WMW-5 - Ground Water) Sampled: 07/26/11 11:50

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Benzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Bromobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Bromochloromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Bromodichloromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Bromoform	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Bromomethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
2-Butanone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
tert-Butylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
n-Butylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
sec-Butylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Carbon disulfide	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Carbon Tetrachloride	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Chlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Chlorodibromomethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Chloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Chloroform	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Chloromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
2-Chlorotoluene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
4-Chlorotoluene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Dibromomethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
1,2-Dichloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
1,1-Dichloroethane	**15.3**	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
1,1-Dichloroethene	**12.9**	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
trans-1,2-Dichloroethene	**2.48**	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
cis-1,2-Dichloroethene	**636**	ug/L		10.0	10	08/05/11 12:19	08/05/11 21:15	EML	SW846 8260B	11H2161
1,3-Dichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
2,2-Dichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
1,2-Dichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
1,1-Dichloropropene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Diethyl ether	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Sample ID: NUG4225-04 (WMW-5 - Ground Water) - cont. Sampled: 07/26/11 11:50

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
1,4-Dioxane	ND	ug/L		200	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Ethylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Hexachlorobutadiene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
2-Hexanone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Isopropylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Diisopropyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
p-Isopropyltoluene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Methylene Chloride	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Naphthalene	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
n-Propylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Styrene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Tetrachloroethene	**238**	ug/L		10.0	10	08/05/11 12:19	08/05/11 21:15	EML	SW846 8260B	11H2161
Tetrahydrofuran	ND	ug/L		20.0	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Toluene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
1,1,1-Trichloroethane	**202**	ug/L		10.0	10	08/05/11 12:19	08/05/11 21:15	EML	SW846 8260B	11H2161
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Trichloroethene	**128**	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Trichlorofluoromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Vinyl chloride	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
Xylenes, total	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 03:41	EML	SW846 8260B	11H2130
1,1,2-Trifluorotrichloroethane	**30.5**	ug/L		10.0	10	08/05/11 12:19	08/05/11 21:15	EML	SW846 8260B	11H2161
Surr: 1,2-Dichloroethane-d4 (70-130%)	*100 %*						08/04/11 03:41	EML	SW846 8260B	11H2130
Surr: 1,2-Dichloroethane-d4 (70-130%)	*99 %*						08/05/11 21:15	EML	SW846 8260B	11H2161
Surr: Dibromofluoromethane (70-130%)	*105 %*						08/04/11 03:41	EML	SW846 8260B	11H2130
Surr: Dibromofluoromethane (70-130%)	*99 %*						08/05/11 21:15	EML	SW846 8260B	11H2161
Surr: Toluene-d8 (70-130%)	*95 %*						08/04/11 03:41	EML	SW846 8260B	11H2130
Surr: Toluene-d8 (70-130%)	*95 %*						08/05/11 21:15	EML	SW846 8260B	11H2161
Surr: 4-Bromofluorobenzene (70-130%)	*102 %*						08/04/11 03:41	EML	SW846 8260B	11H2130
Surr: 4-Bromofluorobenzene (70-130%)	*106 %*						08/05/11 21:15	EML	SW846 8260B	11H2161

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-05 (EWPZ-2S - Ground Water) Sampled: 07/26/11 13:45										
General Chemistry Parameters										
Alkalinity, Total (CaCO3)	ND	mg/L		10.0	1	08/02/11 16:35	08/02/11 23:18	JAG2	SM2320 B	11H0517
Chemical Oxygen Demand	**46.6**	mg/L		10.0	1	08/03/11 10:34	08/04/11 08:03	MSJ	SM5220 D	11H0642
Total Organic Carbon	**5.10**	mg/L		1.00	1	08/12/11 14:08	08/12/11 16:23	SHJ	SM5310 B	11H3119

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-05 (EWPZ-2S - Ground Water) - cont. Sampled: 07/26/11 13:45										
Total Metals by EPA 6010C										
Iron	**13.3**	mg/L		0.0500	1	08/03/11 06:50	08/03/11 12:29	AVR	SW846 6010C	11H0271
Manganese	**6.55**	mg/L		0.0150	1	08/03/11 06:50	08/03/11 12:29	AVR	SW846 6010C	11H0271

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Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-05 (EWPZ-2S - Ground Water) - cont. Sampled: 07/26/11 13:45										
Dissolved Metals by Method 6010C										
Iron	**13.0**	mg/L		0.0500	1	08/05/11 06:00	08/08/11 12:42	AVR	SW846 6010C	11H0269
Manganese	**7.53**	mg/L		0.0750	5	08/05/11 06:00	08/09/11 10:42	LTB	SW846 6010C	11H0269

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Sample ID: NUG4225-05 (EWPZ-2S - Ground Water) - cont. Sampled: 07/26/11 13:45

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	**157**	ug/L		10.0	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Tert-Amyl Methyl Ether	**14.7**	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Benzene	**1.65**	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Bromobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Bromochloromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Bromodichloromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Bromoform	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Bromomethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
2-Butanone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
tert-Butylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
n-Butylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
sec-Butylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Carbon disulfide	**7.70**	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Carbon Tetrachloride	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Chlorobenzene	**1.55**	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Chlorodibromomethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Chloroethane	**3.11**	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Chloroform	**19.1**	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Chloromethane	**29.0**	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
2-Chlorotoluene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
4-Chlorotoluene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Dibromomethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
1,2-Dichlorobenzene	**2.09**	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
1,2-Dichloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
1,1-Dichloroethane	**201**	ug/L		50.0	50	08/05/11 12:19	08/06/11 00:03	EML	SW846 8260B	11H2161
1,1-Dichloroethene	**404**	ug/L		50.0	50	08/05/11 12:19	08/06/11 00:03	EML	SW846 8260B	11H2161
trans-1,2-Dichloroethene	**1520**	ug/L		50.0	50	08/05/11 12:19	08/06/11 00:03	EML	SW846 8260B	11H2161
cis-1,2-Dichloroethene	**12200**	ug/L		500	500	08/05/11 12:19	08/05/11 20:19	EML	SW846 8260B	11H2161
1,3-Dichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
2,2-Dichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
1,2-Dichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
1,1-Dichloropropene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Diethyl ether	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-05 (EWPZ-2S - Ground Water) - cont. Sampled: 07/26/11 13:45										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L		200	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Ethylbenzene	**2.09**	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Hexachlorobutadiene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
2-Hexanone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Isopropylbenzene	**1.06**	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Diisopropyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
p-Isopropyltoluene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Methyl tert-Butyl Ether	**22.2**	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Methylene Chloride	**640**	ug/L		100	50	08/05/11 12:19	08/06/11 00:03	EML	SW846 8260B	11H2161
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Naphthalene	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
n-Propylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Styrene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
1,1,2,2-Tetrachloroethane	**80.0**	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
1,1,1,2-Tetrachloroethane	**46.8**	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Tetrachloroethene	**28100**	ug/L		500	500	08/05/11 12:19	08/05/11 20:19	EML	SW846 8260B	11H2161
Tetrahydrofuran	ND	ug/L		20.0	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Toluene	**1.93**	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
1,1,1-Trichloroethane	**16600**	ug/L		500	500	08/05/11 12:19	08/05/11 20:19	EML	SW846 8260B	11H2161
1,1,2-Trichloroethane	**37.5**	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Trichloroethene	**4620**	ug/L		50.0	50	08/05/11 12:19	08/06/11 00:03	EML	SW846 8260B	11H2161
Trichlorofluoromethane	**4.11**	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Vinyl chloride	**4.50**	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
Xylenes, total	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 04:10	EML	SW846 8260B	11H2130
1,1,2-Trifluorotrichloroethane	**2440**	ug/L		50.0	50	08/05/11 12:19	08/06/11 00:03	EML	SW846 8260B	11H2161
Surr: 1,2-Dichloroethane-d4 (70-130%)	*102 %*						08/04/11 04:10	EML	SW846 8260B	11H2130
Surr: 1,2-Dichloroethane-d4 (70-130%)	*99 %*						08/06/11 00:03	EML	SW846 8260B	11H2161
Surr: 1,2-Dichloroethane-d4 (70-130%)	*99 %*						08/05/11 20:19	EML	SW846 8260B	11H2161
Surr: Dibromofluoromethane (70-130%)	*87 %*						08/04/11 04:10	EML	SW846 8260B	11H2130
Surr: Dibromofluoromethane (70-130%)	*103 %*						08/06/11 00:03	EML	SW846 8260B	11H2161
Surr: Dibromofluoromethane (70-130%)	*99 %*						08/05/11 20:19	EML	SW846 8260B	11H2161
Surr: Toluene-d8 (70-130%)	*98 %*						08/04/11 04:10	EML	SW846 8260B	11H2130
Surr: Toluene-d8 (70-130%)	*99 %*						08/06/11 00:03	EML	SW846 8260B	11H2161
Surr: Toluene-d8 (70-130%)	*101 %*						08/05/11 20:19	EML	SW846 8260B	11H2161

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-05 (EWPZ-2S - Ground Water) - cont. Sampled: 07/26/11 13:45										
Volatile Organic Compounds by EPA Method 8260B - cont.										
Surr: 4-Bromofluorobenzene (70-130%)	*102 %*						08/04/11 04:10	EML	SW846 8260B	11H2130
Surr: 4-Bromofluorobenzene (70-130%)	*102 %*						08/06/11 00:03	EML	SW846 8260B	11H2161
Surr: 4-Bromofluorobenzene (70-130%)	*102 %*						08/05/11 20:19	EML	SW846 8260B	11H2161

TestAmerica
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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-06 (EWPZ-2D - Ground Water) Sampled: 07/26/11 15:30										
General Chemistry Parameters										
Alkalinity, Total (CaCO3)	**36.9**	mg/L		10.0	1	08/02/11 16:35	08/02/11 23:22	JAG2	SM2320 B	11H0517
Chemical Oxygen Demand	**27.9**	mg/L		10.0	1	08/03/11 10:34	08/04/11 08:03	MSJ	SM5220 D	11H0642
Total Organic Carbon	**2.09**	mg/L		1.00	1	08/12/11 14:08	08/12/11 16:23	SHJ	SM5310 B	11H3119

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	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-06 (EWPZ-2D - Ground Water) - cont. Sampled: 07/26/11 15:30										
Total Metals by EPA 6010C										
Iron	**1.12**	mg/L		0.0500	1	08/03/11 06:50	08/03/11 12:32	AVR	SW846 6010C	11H0271
Manganese	**1.92**	mg/L		0.0150	1	08/03/11 06:50	08/03/11 12:32	AVR	SW846 6010C	11H0271

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Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-06 (EWPZ-2D - Ground Water) - cont. Sampled: 07/26/11 15:30										
Dissolved Metals by Method 6010C										
Iron	**0.218**	mg/L		0.0500	1	08/05/11 06:00	08/08/11 12:45	AVR	SW846 6010C	11H0269
Manganese	**1.82**	mg/L		0.0150	1	08/05/11 06:00	08/08/11 12:45	AVR	SW846 6010C	11H0269

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Sample ID: NUG4225-06 (EWPZ-2D - Ground Water) - cont. Sampled: 07/26/11 15:30

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	**43.0**	ug/L		10.0	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Benzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Bromobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Bromochloromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Bromodichloromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Bromoform	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Bromomethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
2-Butanone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
tert-Butylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
n-Butylbenzene	**1.51**	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
sec-Butylbenzene	**3.19**	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Carbon disulfide	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Carbon Tetrachloride	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Chlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Chlorodibromomethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Chloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Chloroform	**1.01**	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Chloromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
2-Chlorotoluene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
4-Chlorotoluene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Dibromomethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
1,2-Dichloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
1,1-Dichloroethane	**49.2**	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
1,1-Dichloroethene	**191**	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
trans-1,2-Dichloroethene	**4.67**	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
cis-1,2-Dichloroethene	**2320**	ug/L		20.0	20	08/05/11 12:19	08/05/11 21:43	EML	SW846 8260B	11H2161
1,3-Dichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
2,2-Dichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
1,2-Dichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
1,1-Dichloropropene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Diethyl ether	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-06 (EWPZ-2D - Ground Water) - cont. Sampled: 07/26/11 15:30										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L		200	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Ethylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Hexachlorobutadiene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
2-Hexanone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Isopropylbenzene	**16.9**	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Diisopropyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
p-Isopropyltoluene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Methylene Chloride	**12.5**	ug/L		2.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Naphthalene	**24.9**	ug/L		2.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
n-Propylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Styrene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Tetrachloroethene	**851**	ug/L		20.0	20	08/05/11 12:19	08/05/11 21:43	EML	SW846 8260B	11H2161
Tetrahydrofuran	ND	ug/L		20.0	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Toluene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
1,1,1-Trichloroethane	**1180**	ug/L		20.0	20	08/05/11 12:19	08/05/11 21:43	EML	SW846 8260B	11H2161
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Trichloroethene	**888**	ug/L		20.0	20	08/05/11 12:19	08/05/11 21:43	EML	SW846 8260B	11H2161
Trichlorofluoromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
1,2,4-Trimethylbenzene	**1.17**	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Vinyl chloride	**11.1**	ug/L		1.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
Xylenes, total	**6.47**	ug/L		2.00	1	08/03/11 22:58	08/04/11 04:38	EML	SW846 8260B	11H2130
1,1,2-Trifluorotrichloroethane	**569**	ug/L		20.0	20	08/05/11 12:19	08/05/11 21:43	EML	SW846 8260B	11H2161
Surr: 1,2-Dichloroethane-d4 (70-130%)	*97 %*						08/04/11 04:38	EML	SW846 8260B	11H2130
Surr: 1,2-Dichloroethane-d4 (70-130%)	*100 %*						08/05/11 21:43	EML	SW846 8260B	11H2161
Surr: Dibromofluoromethane (70-130%)	*103 %*						08/04/11 04:38	EML	SW846 8260B	11H2130
Surr: Dibromofluoromethane (70-130%)	*102 %*						08/05/11 21:43	EML	SW846 8260B	11H2161
Surr: Toluene-d8 (70-130%)	*92 %*						08/04/11 04:38	EML	SW846 8260B	11H2130
Surr: Toluene-d8 (70-130%)	*100 %*						08/05/11 21:43	EML	SW846 8260B	11H2161
Surr: 4-Bromofluorobenzene (70-130%)	*107 %*						08/04/11 04:38	EML	SW846 8260B	11H2130
Surr: 4-Bromofluorobenzene (70-130%)	*107 %*						08/05/11 21:43	EML	SW846 8260B	11H2161

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Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-07 (CDW-6 - Ground Water) Sampled: 07/26/11 17:30										
General Chemistry Parameters										
Alkalinity, Total (CaCO3)	**14.6**	mg/L		10.0	1	08/02/11 16:35	08/02/11 23:36	JAG2	SM2320 B	11H0517
Chemical Oxygen Demand	**81.3**	mg/L		10.0	1	08/03/11 10:34	08/04/11 08:03	MSJ	SM5220 D	11H0642
Total Organic Carbon	**9.31**	mg/L		1.00	1	08/12/11 14:08	08/12/11 16:23	SHJ	SM5310 B	11H3119

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
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ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-07 (CDW-6 - Ground Water) - cont. Sampled: 07/26/11 17:30										
MADEP VPH										
VPH Preservation	pH<2									
Methyl tert-Butyl Ether	ND	ug/L		3.00	1	07/26/11 17:30	08/02/11 14:08	KAR2	MADEP VPH	11H0339
Benzene	**5.76**	ug/L		1.00	1	07/26/11 17:30	08/02/11 14:08	KAR2	MADEP VPH	11H0339
Toluene	**155**	ug/L		3.00	1	07/26/11 17:30	08/02/11 14:08	KAR2	MADEP VPH	11H0339
Ethylbenzene	**71.8**	ug/L		1.00	1	07/26/11 17:30	08/02/11 14:08	KAR2	MADEP VPH	11H0339
m,p-Xylene	**120**	ug/L		4.00	1	07/26/11 17:30	08/02/11 14:08	KAR2	MADEP VPH	11H0339
o-Xylene	**64.4**	ug/L		2.00	1	07/26/11 17:30	08/02/11 14:08	KAR2	MADEP VPH	11H0339
Naphthalene	**94.4**	ug/L		5.00	1	07/26/11 17:30	08/02/11 14:08	KAR2	MADEP VPH	11H0339
C5 - C8 Aliphatic Hydrocarbons, Unadjuste	**74300**	ug/L		5000	50	07/26/11 17:30	08/03/11 15:09	KAR2	MADEP VPH	11H0635
C9 - C12 Aliphatic Hydrocarbons, Unadjust	**990**	ug/L		100	1	07/26/11 17:30	08/02/11 14:08	KAR2	MADEP VPH	11H0339
C5 - C8 Aliphatic Hydrocarbons	**74100**	ug/L		5000	50	07/26/11 17:30	08/03/11 15:09	KAR2	MADEP VPH	11H0635
C9 - C12 Aliphatic Hydrocarbons	**134**	ug/L		100	1	07/26/11 17:30	08/02/11 14:08	KAR2	MADEP VPH	11H0339
C9 - C10 Aromatic Hydrocarbons	**600**	ug/L		100	1	07/26/11 17:30	08/02/11 14:08	KAR2	MADEP VPH	11H0339
Surr: 2,5-Dibromotoluene (FID) (70-130%)	*112 %*						08/02/11 14:08	KAR2	MADEP VPH	11H0339
Surr: 2,5-Dibromotoluene (FID) (70-130%)	*110 %*						08/03/11 15:09	KAR2	MADEP VPH	11H0635
Surr: 2,5-Dibromotoluene (PID) (70-130%)	*95 %*						08/02/11 14:08	KAR2	MADEP VPH	11H0339

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-07 (CDW-6 - Ground Water) - cont. Sampled: 07/26/11 17:30										
MADEP EPH										
C9 - C18 Aliphatic Hydrocarbons	ND	ug/L		118	1	08/08/11 11:20	08/09/11 20:21	jlf	MADEP EPH	11H1868
C19 - C36 Aliphatic Hydrocarbons	ND	ug/L		118	1	08/08/11 11:20	08/09/11 20:21	jlf	MADEP EPH	11H1868
C11 - C22 Aromatic Hydrocarbons	**315**	ug/L		118	1	08/08/11 11:20	08/09/11 20:21	jlf	MADEP EPH	11H1868
C11 - C22 Aromatic Hydrocarbons, Unadjus	**433**	ug/L		118	1	08/08/11 11:20	08/09/11 20:51	jlf	MADEP EPH	11H1868
2-Methylnaphthalene	**60.5**	ug/L	T14	11.8	1	08/08/11 11:20	08/11/11 04:04	bes	MADEP EPH	11H1868
Acenaphthene	ND	ug/L	T14	11.8	1	08/08/11 11:20	08/11/11 04:04	bes	MADEP EPH	11H1868
Acenaphthylene	ND	ug/L	T14	11.8	1	08/08/11 11:20	08/11/11 04:04	bes	MADEP EPH	11H1868
Anthracene	ND	ug/L	T14	11.8	1	08/08/11 11:20	08/11/11 04:04	bes	MADEP EPH	11H1868
Benzo (a) anthracene	ND	ug/L	T14	11.8	1	08/08/11 11:20	08/11/11 04:04	bes	MADEP EPH	11H1868
Benzo (a) pyrene	ND	ug/L	T14	11.8	1	08/08/11 11:20	08/11/11 04:04	bes	MADEP EPH	11H1868
Benzo (b) fluoranthene	ND	ug/L	T14	11.8	1	08/08/11 11:20	08/11/11 04:04	bes	MADEP EPH	11H1868
Benzo (g,h,i) perylene	ND	ug/L	T14	11.8	1	08/08/11 11:20	08/11/11 04:04	bes	MADEP EPH	11H1868
Benzo (k) fluoranthene	ND	ug/L	T14	11.8	1	08/08/11 11:20	08/11/11 04:04	bes	MADEP EPH	11H1868
Chrysene	ND	ug/L	T14	11.8	1	08/08/11 11:20	08/11/11 04:04	bes	MADEP EPH	11H1868
Dibenz (a,h) anthracene	ND	ug/L	T14	11.8	1	08/08/11 11:20	08/11/11 04:04	bes	MADEP EPH	11H1868
Fluoranthene	ND	ug/L	T14	11.8	1	08/08/11 11:20	08/11/11 04:04	bes	MADEP EPH	11H1868
Fluorene	ND	ug/L	T14	11.8	1	08/08/11 11:20	08/11/11 04:04	bes	MADEP EPH	11H1868
Indeno (1,2,3-cd) pyrene	ND	ug/L	T14	11.8	1	08/08/11 11:20	08/11/11 04:04	bes	MADEP EPH	11H1868
Naphthalene	**57.8**	ug/L	T14	11.8	1	08/08/11 11:20	08/11/11 04:04	bes	MADEP EPH	11H1868
Phenanthrene	ND	ug/L	T14	11.8	1	08/08/11 11:20	08/11/11 04:04	bes	MADEP EPH	11H1868
Pyrene	ND	ug/L	T14	11.8	1	08/08/11 11:20	08/11/11 04:04	bes	MADEP EPH	11H1868
Surr: 1-Chlorooctadecane (40-140%)	*77 %*						08/09/11 20:21	jlf	MADEP EPH	11H1868
Surr: o-Terphenyl (40-140%)	*87 %*						08/09/11 20:51	jlf	MADEP EPH	11H1868
Surr: 2-Bromonaphthalene (40-140%)	*94 %*						08/09/11 20:51	jlf	MADEP EPH	11H1868
Surr: 2-Fluorobiphenyl (40-140%)	*99 %*						08/09/11 20:51	jlf	MADEP EPH	11H1868

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-07 (CDW-6 - Ground Water) - cont. Sampled: 07/26/11 17:30										
Total Metals by EPA 6010C										
Iron	**1.34**	mg/L		0.0500	1	08/03/11 06:50	08/03/11 12:36	AVR	SW846 6010C	11H0271
Manganese	**17.9**	mg/L		0.150	10	08/03/11 06:50	08/03/11 18:14	AVR	SW846 6010C	11H0271

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Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-07 (CDW-6 - Ground Water) - cont. Sampled: 07/26/11 17:30										
Dissolved Metals by Method 6010C										
Iron	**0.115**	mg/L		0.0500	1	08/05/11 06:00	08/08/11 12:48	AVR	SW846 6010C	11H0269
Manganese	**18.1**	mg/L		0.150	10	08/05/11 06:00	08/09/11 10:45	LTB	SW846 6010C	11H0269

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Sample ID: NUG4225-07 (CDW-6 - Ground Water) - cont. Sampled: 07/26/11 17:30

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	**218**	ug/L		10.0	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Tert-Amyl Methyl Ether	**4.41**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Benzene	**3.30**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Bromobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Bromochloromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Bromodichloromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Bromoform	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Bromomethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
2-Butanone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
tert-Butylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
n-Butylbenzene	**5.61**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
sec-Butylbenzene	**2.73**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Carbon disulfide	**2.10**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Carbon Tetrachloride	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Chlorobenzene	**7.14**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Chlorodibromomethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Chloroethane	**5.28**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Chloroform	**7.70**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Chloromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
2-Chlorotoluene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
4-Chlorotoluene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Dibromomethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
1,2-Dichlorobenzene	**5.41**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
1,2-Dichloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
1,1-Dichloroethane	**320**	ug/L		100	100	08/05/11 12:19	08/05/11 22:39	EML	SW846 8260B	11H2161
1,1-Dichloroethene	**1770**	ug/L		100	100	08/05/11 12:19	08/05/11 22:39	EML	SW846 8260B	11H2161
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
cis-1,2-Dichloroethene	**35600**	ug/L		1000	1000	08/05/11 12:19	08/05/11 18:54	EML	SW846 8260B	11H2161
1,3-Dichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
2,2-Dichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
1,2-Dichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
1,1-Dichloropropene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Diethyl ether	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Sample ID: NUG4225-07 (CDW-6 - Ground Water) - cont. Sampled: 07/26/11 17:30

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
1,4-Dioxane	ND	ug/L		200	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Ethylbenzene	**71.7**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Hexachlorobutadiene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
2-Hexanone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Isopropylbenzene	**10.8**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Diisopropyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
p-Isopropyltoluene	**3.85**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Methyl tert-Butyl Ether	**6.54**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Methylene Chloride	**1180**	ug/L		200	100	08/05/11 12:19	08/05/11 22:39	EML	SW846 8260B	11H2161
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Naphthalene	**95.0**	ug/L		2.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
n-Propylbenzene	**11.4**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Styrene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
1,1,2,2-Tetrachloroethane	**2.60**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
1,1,1,2-Tetrachloroethane	**15.4**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Tetrachloroethene	**63300**	ug/L		1000	1000	08/05/11 12:19	08/05/11 18:54	EML	SW846 8260B	11H2161
Tetrahydrofuran	ND	ug/L		20.0	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Toluene	**174**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
1,1,1-Trichloroethane	**48100**	ug/L		1000	1000	08/05/11 12:19	08/05/11 18:54	EML	SW846 8260B	11H2161
1,1,2-Trichloroethane	**15.2**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Trichloroethene	**9790**	ug/L		100	100	08/05/11 12:19	08/05/11 22:39	EML	SW846 8260B	11H2161
Trichlorofluoromethane	**7.90**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
1,3,5-Trimethylbenzene	**38.6**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
1,2,4-Trimethylbenzene	**140**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Vinyl chloride	**76.1**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
Xylenes, total	**204**	ug/L		2.00	1	08/03/11 22:58	08/04/11 05:06	EML	SW846 8260B	11H2130
1,1,2-Trifluorotrichloroethane	**2450**	ug/L		100	100	08/05/11 12:19	08/05/11 22:39	EML	SW846 8260B	11H2161
Surr: 1,2-Dichloroethane-d4 (70-130%)	*93 %*						08/04/11 05:06	EML	SW846 8260B	11H2130
Surr: 1,2-Dichloroethane-d4 (70-130%)	*96 %*						08/05/11 22:39	EML	SW846 8260B	11H2161
Surr: 1,2-Dichloroethane-d4 (70-130%)	*100 %*						08/05/11 18:54	EML	SW846 8260B	11H2161
Surr: Dibromofluoromethane (70-130%)	*74 %*						08/04/11 05:06	EML	SW846 8260B	11H2130
Surr: Dibromofluoromethane (70-130%)	*99 %*						08/05/11 22:39	EML	SW846 8260B	11H2161
Surr: Dibromofluoromethane (70-130%)	*101 %*						08/05/11 18:54	EML	SW846 8260B	11H2161
Surr: Toluene-d8 (70-130%)	*103 %*						08/04/11 05:06	EML	SW846 8260B	11H2130
Surr: Toluene-d8 (70-130%)	*96 %*						08/05/11 22:39	EML	SW846 8260B	11H2161
Surr: Toluene-d8 (70-130%)	*102 %*						08/05/11 18:54	EML	SW846 8260B	11H2161

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-07 (CDW-6 - Ground Water) - cont. Sampled: 07/26/11 17:30										
Volatile Organic Compounds by EPA Method 8260B - cont.										
Surr: 4-Bromofluorobenzene (70-130%)	*104 %*						08/04/11 05:06	EML	SW846 8260B	11H2130
Surr: 4-Bromofluorobenzene (70-130%)	*101 %*						08/05/11 22:39	EML	SW846 8260B	11H2161
Surr: 4-Bromofluorobenzene (70-130%)	*101 %*						08/05/11 18:54	EML	SW846 8260B	11H2161

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Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-08 (EW-1 - Ground Water) Sampled: 07/27/11 11:45										
General Chemistry Parameters										
Alkalinity, Total (CaCO3)	**43.3**	mg/L		10.0	1	08/02/11 16:35	08/02/11 23:40	JAG2	SM2320 B	11H0517
Chemical Oxygen Demand	**52.4**	mg/L		10.0	1	08/03/11 10:34	08/04/11 08:03	MSJ	SM5220 D	11H0642
Total Organic Carbon	**9.40**	mg/L		1.00	1	08/12/11 14:08	08/12/11 16:23	SHJ	SM5310 B	11H3119

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
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ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-08 (EW-1 - Ground Water) - cont. Sampled: 07/27/11 11:45										
MADEP VPH										
VPH Preservation	pH<2									
Methyl tert-Butyl Ether	ND	ug/L		3.00	1	07/27/11 11:45	08/02/11 14:41	KAR2	MADEP VPH	11H0339
Benzene	**2.09**	ug/L		1.00	1	07/27/11 11:45	08/02/11 14:41	KAR2	MADEP VPH	11H0339
Toluene	**4.34**	ug/L		3.00	1	07/27/11 11:45	08/02/11 14:41	KAR2	MADEP VPH	11H0339
Ethylbenzene	**5.99**	ug/L		1.00	1	07/27/11 11:45	08/02/11 14:41	KAR2	MADEP VPH	11H0339
m,p-Xylene	**6.22**	ug/L		4.00	1	07/27/11 11:45	08/02/11 14:41	KAR2	MADEP VPH	11H0339
o-Xylene	**9.01**	ug/L		2.00	1	07/27/11 11:45	08/02/11 14:41	KAR2	MADEP VPH	11H0339
Naphthalene	**24.6**	ug/L		5.00	1	07/27/11 11:45	08/02/11 14:41	KAR2	MADEP VPH	11H0339
C5 - C8 Aliphatic Hydrocarbons, Unadjuste	**29500**	ug/L		2500	25	07/27/11 11:45	08/03/11 15:42	KAR2	MADEP VPH	11H0635
C9 - C12 Aliphatic Hydrocarbons, Unadjust	**295**	ug/L		100	1	07/27/11 11:45	08/02/11 14:41	KAR2	MADEP VPH	11H0339
C5 - C8 Aliphatic Hydrocarbons	**29500**	ug/L		2500	25	07/27/11 11:45	08/03/11 15:42	KAR2	MADEP VPH	11H0635
C9 - C12 Aliphatic Hydrocarbons	**109**	ug/L		100	1	07/27/11 11:45	08/02/11 14:41	KAR2	MADEP VPH	11H0339
C9 - C10 Aromatic Hydrocarbons	**165**	ug/L		100	1	07/27/11 11:45	08/02/11 14:41	KAR2	MADEP VPH	11H0339
Surr: 2,5-Dibromotoluene (FID) (70-130%)	*111 %*						08/02/11 14:41	KAR2	MADEP VPH	11H0339
Surr: 2,5-Dibromotoluene (FID) (70-130%)	*110 %*						08/03/11 15:42	KAR2	MADEP VPH	11H0635
Surr: 2,5-Dibromotoluene (PID) (70-130%)	*93 %*						08/02/11 14:41	KAR2	MADEP VPH	11H0339

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-08 (EW-1 - Ground Water) - cont. Sampled: 07/27/11 11:45										
MADEP EPH										
C9 - C18 Aliphatic Hydrocarbons	ND	ug/L		111	1	08/08/11 11:20	08/09/11 21:21	jlf	MADEP EPH	11H1868
C19 - C36 Aliphatic Hydrocarbons	ND	ug/L		111	1	08/08/11 11:20	08/09/11 21:21	jlf	MADEP EPH	11H1868
C11 - C22 Aromatic Hydrocarbons	**141**	ug/L		111	1	08/08/11 11:20	08/09/11 21:21	jlf	MADEP EPH	11H1868
C11 - C22 Aromatic Hydrocarbons, Unadjus	**172**	ug/L		111	1	08/08/11 11:20	08/09/11 21:52	jlf	MADEP EPH	11H1868
2-Methylnaphthalene	**17.1**	ug/L	T14	11.1	1	08/08/11 11:20	08/11/11 04:23	bes	MADEP EPH	11H1868
Acenaphthene	ND	ug/L	T14	11.1	1	08/08/11 11:20	08/11/11 04:23	bes	MADEP EPH	11H1868
Acenaphthylene	ND	ug/L	T14	11.1	1	08/08/11 11:20	08/11/11 04:23	bes	MADEP EPH	11H1868
Anthracene	ND	ug/L	T14	11.1	1	08/08/11 11:20	08/11/11 04:23	bes	MADEP EPH	11H1868
Benzo (a) anthracene	ND	ug/L	T14	11.1	1	08/08/11 11:20	08/11/11 04:23	bes	MADEP EPH	11H1868
Benzo (a) pyrene	ND	ug/L	T14	11.1	1	08/08/11 11:20	08/11/11 04:23	bes	MADEP EPH	11H1868
Benzo (b) fluoranthene	ND	ug/L	T14	11.1	1	08/08/11 11:20	08/11/11 04:23	bes	MADEP EPH	11H1868
Benzo (g,h,i) perylene	ND	ug/L	T14	11.1	1	08/08/11 11:20	08/11/11 04:23	bes	MADEP EPH	11H1868
Benzo (k) fluoranthene	ND	ug/L	T14	11.1	1	08/08/11 11:20	08/11/11 04:23	bes	MADEP EPH	11H1868
Chrysene	ND	ug/L	T14	11.1	1	08/08/11 11:20	08/11/11 04:23	bes	MADEP EPH	11H1868
Dibenz (a,h) anthracene	ND	ug/L	T14	11.1	1	08/08/11 11:20	08/11/11 04:23	bes	MADEP EPH	11H1868
Fluoranthene	ND	ug/L	T14	11.1	1	08/08/11 11:20	08/11/11 04:23	bes	MADEP EPH	11H1868
Fluorene	ND	ug/L	T14	11.1	1	08/08/11 11:20	08/11/11 04:23	bes	MADEP EPH	11H1868
Indeno (1,2,3-cd) pyrene	ND	ug/L	T14	11.1	1	08/08/11 11:20	08/11/11 04:23	bes	MADEP EPH	11H1868
Naphthalene	**13.5**	ug/L	T14	11.1	1	08/08/11 11:20	08/11/11 04:23	bes	MADEP EPH	11H1868
Phenanthrene	ND	ug/L	T14	11.1	1	08/08/11 11:20	08/11/11 04:23	bes	MADEP EPH	11H1868
Pyrene	ND	ug/L	T14	11.1	1	08/08/11 11:20	08/11/11 04:23	bes	MADEP EPH	11H1868
Surr: 1-Chlorooctadecane (40-140%)	*72 %*						08/09/11 21:21	jlf	MADEP EPH	11H1868
Surr: o-Terphenyl (40-140%)	*85 %*						08/09/11 21:52	jlf	MADEP EPH	11H1868
Surr: 2-Bromonaphthalene (40-140%)	*90 %*						08/09/11 21:52	jlf	MADEP EPH	11H1868
Surr: 2-Fluorobiphenyl (40-140%)	*98 %*						08/09/11 21:52	jlf	MADEP EPH	11H1868

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-08 (EW-1 - Ground Water) - cont. Sampled: 07/27/11 11:45										
Total Metals by EPA 6010C										
Iron	**0.927**	mg/L		0.0500	1	08/03/11 06:50	08/03/11 12:39	AVR	SW846 6010C	11H0271
Manganese	**2.99**	mg/L		0.0150	1	08/03/11 06:50	08/03/11 12:39	AVR	SW846 6010C	11H0271

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ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-08 (EW-1 - Ground Water) - cont. Sampled: 07/27/11 11:45										
Dissolved Metals by Method 6010C										
Iron	**0.479**	mg/L		0.0500	1	08/05/11 06:00	08/08/11 13:04	AVR	SW846 6010C	11H0269
Manganese	**3.42**	mg/L		0.0750	5	08/05/11 06:00	08/09/11 10:49	LTB	SW846 6010C	11H0269

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	Westford, MA 01886	Project Number:	Framingham, MA
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ANALYTICAL REPORT

Sample ID: NUG4225-08 (EW-1 - Ground Water) - cont. Sampled: 07/27/11 11:45

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	**51.2**	ug/L		10.0	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Tert-Amyl Methyl Ether	**4.59**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Benzene	**1.51**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Bromobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Bromochloromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Bromodichloromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Bromoform	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Bromomethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
2-Butanone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
tert-Butylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
n-Butylbenzene	**2.08**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
sec-Butylbenzene	**1.04**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Carbon disulfide	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Carbon Tetrachloride	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Chlorobenzene	**1.01**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Chlorodibromomethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Chloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Chloroform	**4.24**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Chloromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
2-Chlorotoluene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
4-Chlorotoluene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Dibromomethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
1,2-Dichloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
1,1-Dichloroethane	**171**	ug/L		50.0	50	08/05/11 12:19	08/05/11 23:07	EML	SW846 8260B	11H2161
1,1-Dichloroethene	**658**	ug/L		50.0	50	08/05/11 12:19	08/05/11 23:07	EML	SW846 8260B	11H2161
trans-1,2-Dichloroethene	**10.3**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
cis-1,2-Dichloroethene	**16700**	ug/L		500	500	08/05/11 12:19	08/05/11 19:23	EML	SW846 8260B	11H2161
1,3-Dichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
2,2-Dichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
1,2-Dichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
1,1-Dichloropropene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Diethyl ether	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130

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Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-08 (EW-1 - Ground Water) - cont. Sampled: 07/27/11 11:45										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L		200	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Ethylbenzene	**5.55**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Hexachlorobutadiene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
2-Hexanone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Isopropylbenzene	**3.20**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Diisopropyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
p-Isopropyltoluene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Methyl tert-Butyl Ether	**8.01**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Methylene Chloride	**346**	ug/L		100	50	08/05/11 12:19	08/05/11 23:07	EML	SW846 8260B	11H2161
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Naphthalene	**25.3**	ug/L		2.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
n-Propylbenzene	**2.52**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Styrene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
1,1,1,2-Tetrachloroethane	**3.36**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Tetrachloroethene	**29300**	ug/L		500	500	08/05/11 12:19	08/05/11 19:23	EML	SW846 8260B	11H2161
Tetrahydrofuran	ND	ug/L		20.0	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Toluene	**4.99**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
1,1,1-Trichloroethane	**6090**	ug/L		50.0	50	08/05/11 12:19	08/05/11 23:07	EML	SW846 8260B	11H2161
1,1,2-Trichloroethane	**7.21**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Trichloroethene	**4590**	ug/L		50.0	50	08/05/11 12:19	08/05/11 23:07	EML	SW846 8260B	11H2161
Trichlorofluoromethane	**2.16**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
1,3,5-Trimethylbenzene	**4.29**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
1,2,4-Trimethylbenzene	**35.9**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Vinyl chloride	**20.7**	ug/L		1.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
Xylenes, total	**17.7**	ug/L		2.00	1	08/03/11 22:58	08/04/11 05:34	EML	SW846 8260B	11H2130
1,1,2-Trifluorotrichloroethane	**598**	ug/L		50.0	50	08/05/11 12:19	08/05/11 23:07	EML	SW846 8260B	11H2161
Surr: 1,2-Dichloroethane-d4 (70-130%)	*105 %*						08/04/11 05:34	EML	SW846 8260B	11H2130
Surr: 1,2-Dichloroethane-d4 (70-130%)	*103 %*						08/05/11 23:07	EML	SW846 8260B	11H2161
Surr: 1,2-Dichloroethane-d4 (70-130%)	*99 %*						08/05/11 19:23	EML	SW846 8260B	11H2161
Surr: Dibromofluoromethane (70-130%)	*104 %*						08/04/11 05:34	EML	SW846 8260B	11H2130
Surr: Dibromofluoromethane (70-130%)	*99 %*						08/05/11 23:07	EML	SW846 8260B	11H2161
Surr: Dibromofluoromethane (70-130%)	*100 %*						08/05/11 19:23	EML	SW846 8260B	11H2161
Surr: Toluene-d8 (70-130%)	*99 %*						08/04/11 05:34	EML	SW846 8260B	11H2130
Surr: Toluene-d8 (70-130%)	*103 %*						08/05/11 23:07	EML	SW846 8260B	11H2161
Surr: Toluene-d8 (70-130%)	*104 %*						08/05/11 19:23	EML	SW846 8260B	11H2161

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	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-08 (EW-1 - Ground Water) - cont. Sampled: 07/27/11 11:45										
Volatile Organic Compounds by EPA Method 8260B - cont.										
Surr: 4-Bromofluorobenzene (70-130%)	*105 %*						08/04/11 05:34	EML	SW846 8260B	11H2130
Surr: 4-Bromofluorobenzene (70-130%)	*101 %*						08/05/11 23:07	EML	SW846 8260B	11H2161
Surr: 4-Bromofluorobenzene (70-130%)	*105 %*						08/05/11 19:23	EML	SW846 8260B	11H2161

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	Westford, MA 01886	Project Number:	Framingham, MA
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ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-09 (WMW-4 - Ground Water) Sampled: 07/27/11 13:45										
General Chemistry Parameters										
Alkalinity, Total (CaCO3)	**38.9**	mg/L		10.0	1	08/02/11 16:35	08/02/11 23:44	JAG2	SM2320 B	11H0517
Chemical Oxygen Demand	**50.0**	mg/L		10.0	1	08/03/11 10:34	08/04/11 08:03	MSJ	SM5220 D	11H0642
Total Organic Carbon	**3.14**	mg/L		1.00	1	08/12/11 14:08	08/12/11 16:23	SHJ	SM5310 B	11H3119

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	Westford, MA 01886	Project Number:	Framingham, MA
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ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-09 (WMW-4 - Ground Water) - cont. Sampled: 07/27/11 13:45										
MADEP VPH										
VPH Preservation	pH<2									
Methyl tert-Butyl Ether	ND	ug/L		3.00	1	07/27/11 13:45	08/02/11 15:14	KAR2	MADEP VPH	11H0339
Benzene	ND	ug/L		1.00	1	07/27/11 13:45	08/02/11 15:14	KAR2	MADEP VPH	11H0339
Toluene	ND	ug/L		3.00	1	07/27/11 13:45	08/02/11 15:14	KAR2	MADEP VPH	11H0339
Ethylbenzene	**3.67**	ug/L		1.00	1	07/27/11 13:45	08/02/11 15:14	KAR2	MADEP VPH	11H0339
m,p-Xylene	ND	ug/L		4.00	1	07/27/11 13:45	08/02/11 15:14	KAR2	MADEP VPH	11H0339
o-Xylene	**6.27**	ug/L		2.00	1	07/27/11 13:45	08/02/11 15:14	KAR2	MADEP VPH	11H0339
Naphthalene	**20.3**	ug/L		5.00	1	07/27/11 13:45	08/02/11 15:14	KAR2	MADEP VPH	11H0339
C5 - C8 Aliphatic Hydrocarbons, Unadjuste	**6430**	ug/L		500	5	07/27/11 13:45	08/02/11 18:17	KAR2	MADEP VPH	11H0339
C9 - C12 Aliphatic Hydrocarbons, Unadjust	**1640**	ug/L		500	5	07/27/11 13:45	08/02/11 18:17	KAR2	MADEP VPH	11H0339
C5 - C8 Aliphatic Hydrocarbons	**6430**	ug/L		500	5	07/27/11 13:45	08/02/11 18:17	KAR2	MADEP VPH	11H0339
C9 - C12 Aliphatic Hydrocarbons	**530**	ug/L		500	5	07/27/11 13:45	08/02/11 18:17	KAR2	MADEP VPH	11H0339
C9 - C10 Aromatic Hydrocarbons	**1100**	ug/L		500	5	07/27/11 13:45	08/02/11 18:17	KAR2	MADEP VPH	11H0339
Surr: 2,5-Dibromotoluene (FID) (70-130%)	*125 %*						08/02/11 18:17	KAR2	MADEP VPH	11H0339
Surr: 2,5-Dibromotoluene (PID) (70-130%)	*111 %*						08/02/11 15:14	KAR2	MADEP VPH	11H0339

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-09 (WMW-4 - Ground Water) - cont. Sampled: 07/27/11 13:45										
MADEP EPH										
C9 - C18 Aliphatic Hydrocarbons	**2260**	ug/L		222	2	08/08/11 11:20	08/10/11 11:01	jlf	MADEP EPH	11H1868
C19 - C36 Aliphatic Hydrocarbons	**1700**	ug/L		111	1	08/08/11 11:20	08/09/11 22:22	jlf	MADEP EPH	11H1868
C11 - C22 Aromatic Hydrocarbons	**1510**	ug/L		222	2	08/08/11 11:20	08/10/11 11:01	jlf	MADEP EPH	11H1868
C11 - C22 Aromatic Hydrocarbons, Unadjus	**1690**	ug/L		222	2	08/08/11 11:20	08/10/11 11:31	jlf	MADEP EPH	11H1868
2-Methylnaphthalene	**179**	ug/L	T14	22.2	2	08/08/11 11:20	08/11/11 04:41	bes	MADEP EPH	11H1868
Acenaphthene	ND	ug/L	T14	22.2	2	08/08/11 11:20	08/11/11 04:41	bes	MADEP EPH	11H1868
Acenaphthylene	ND	ug/L	T14	22.2	2	08/08/11 11:20	08/11/11 04:41	bes	MADEP EPH	11H1868
Anthracene	ND	ug/L	T14	22.2	2	08/08/11 11:20	08/11/11 04:41	bes	MADEP EPH	11H1868
Benzo (a) anthracene	ND	ug/L	T14	22.2	2	08/08/11 11:20	08/11/11 04:41	bes	MADEP EPH	11H1868
Benzo (a) pyrene	ND	ug/L	T14	22.2	2	08/08/11 11:20	08/11/11 04:41	bes	MADEP EPH	11H1868
Benzo (b) fluoranthene	ND	ug/L	T14	22.2	2	08/08/11 11:20	08/11/11 04:41	bes	MADEP EPH	11H1868
Benzo (g,h,i) perylene	ND	ug/L	T14	22.2	2	08/08/11 11:20	08/11/11 04:41	bes	MADEP EPH	11H1868
Benzo (k) fluoranthene	ND	ug/L	T14	22.2	2	08/08/11 11:20	08/11/11 04:41	bes	MADEP EPH	11H1868
Chrysene	ND	ug/L	T14	22.2	2	08/08/11 11:20	08/11/11 04:41	bes	MADEP EPH	11H1868
Dibenz (a,h) anthracene	ND	ug/L	T14	22.2	2	08/08/11 11:20	08/11/11 04:41	bes	MADEP EPH	11H1868
Fluoranthene	ND	ug/L	T14	22.2	2	08/08/11 11:20	08/11/11 04:41	bes	MADEP EPH	11H1868
Fluorene	ND	ug/L	T14	22.2	2	08/08/11 11:20	08/11/11 04:41	bes	MADEP EPH	11H1868
Indeno (1,2,3-cd) pyrene	ND	ug/L	T14	22.2	2	08/08/11 11:20	08/11/11 04:41	bes	MADEP EPH	11H1868
Naphthalene	ND	ug/L	T14	22.2	2	08/08/11 11:20	08/11/11 04:41	bes	MADEP EPH	11H1868
Phenanthrene	ND	ug/L	T14	22.2	2	08/08/11 11:20	08/11/11 04:41	bes	MADEP EPH	11H1868
Pyrene	ND	ug/L	T14	22.2	2	08/08/11 11:20	08/11/11 04:41	bes	MADEP EPH	11H1868
Surr: 1-Chlorooctadecane (40-140%)	*84 %*						08/09/11 22:22	jlf	MADEP EPH	11H1868
Surr: o-Terphenyl (40-140%)	*83 %*						08/10/11 11:31	jlf	MADEP EPH	11H1868
Surr: 2-Bromonaphthalene (40-140%)	*107 %*						08/10/11 11:31	jlf	MADEP EPH	11H1868
Surr: 2-Fluorobiphenyl (40-140%)	*101 %*						08/10/11 11:31	jlf	MADEP EPH	11H1868

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-09 (WMW-4 - Ground Water) - cont. Sampled: 07/27/11 13:45										
Total Metals by EPA 6010C										
Iron	**5.16**	mg/L		0.0500	1	08/03/11 06:50	08/03/11 12:42	AVR	SW846 6010C	11H0271
Manganese	**0.836**	mg/L		0.0150	1	08/03/11 06:50	08/03/11 12:42	AVR	SW846 6010C	11H0271

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Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-09 (WMW-4 - Ground Water) - cont. Sampled: 07/27/11 13:45										
Dissolved Metals by Method 6010C										
Iron	**4.61**	mg/L		0.0500	1	08/05/11 06:00	08/08/11 13:07	AVR	SW846 6010C	11H0269
Manganese	**0.808**	mg/L		0.0150	1	08/05/11 06:00	08/08/11 13:07	AVR	SW846 6010C	11H0269

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-09 (WMW-4 - Ground Water) - cont. Sampled: 07/27/11 13:45										
Volatile Organic Compounds by EPA Method 8260B										
Acetone	**57.5**	ug/L		10.0	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
Benzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
Bromobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
Bromochloromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
Bromodichloromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
Bromoform	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
Bromomethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
2-Butanone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
tert-Butylbenzene	**1.53**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
n-Butylbenzene	**9.73**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
sec-Butylbenzene	**4.70**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
Carbon disulfide	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
Carbon Tetrachloride	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
Chlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
Chlorodibromomethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
Chloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
Chloroform	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
Chloromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
2-Chlorotoluene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
4-Chlorotoluene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
Dibromomethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
1,2-Dichloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
1,1-Dichloroethane	**99.4**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
1,1-Dichloroethene	**59.5**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
cis-1,2-Dichloroethene	**2320**	ug/L		100	100	08/05/11 12:19	08/05/11 19:51	EML	SW846 8260B	11H2161
1,3-Dichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
2,2-Dichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
1,2-Dichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
1,1-Dichloropropene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
Diethyl ether	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-09 (WMW-4 - Ground Water) - cont. Sampled: 07/27/11 13:45										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L		200	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
Ethylbenzene	**1.98**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
Hexachlorobutadiene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
2-Hexanone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
Isopropylbenzene	**12.7**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
Diisopropyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
p-Isopropyltoluene	**4.68**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
Methylene Chloride	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
Naphthalene	**14.2**	ug/L		2.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
n-Propylbenzene	**23.6**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
Styrene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
Tetrachloroethene	**2520**	ug/L		100	100	08/05/11 12:19	08/05/11 19:51	EML	SW846 8260B	11H2161
Tetrahydrofuran	ND	ug/L		20.0	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
Toluene	**1.65**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
1,1,1-Trichloroethane	**2930**	ug/L		100	100	08/05/11 12:19	08/05/11 19:51	EML	SW846 8260B	11H2161
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
Trichloroethene	**786**	ug/L		10.0	10	08/08/11 15:09	08/08/11 19:45	EML	SW846 8260B	11H2173
Trichlorofluoromethane	**1.05**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
1,3,5-Trimethylbenzene	**41.0**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
1,2,4-Trimethylbenzene	**189**	ug/L		10.0	10	08/08/11 15:09	08/08/11 19:45	EML	SW846 8260B	11H2173
Vinyl chloride	**1.98**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
Xylenes, total	**8.10**	ug/L		2.00	1	08/03/11 22:58	08/04/11 06:02	EML	SW846 8260B	11H2130
1,1,2-Trifluorotrichloroethane	**960**	ug/L		10.0	10	08/05/11 12:19	08/05/11 23:35	EML	SW846 8260B	11H2161
1,1,2-Trifluorotrichloroethane	**1070**	ug/L		10.0	10	08/08/11 15:09	08/08/11 19:45	EML	SW846 8260B	11H2173
Surr: 1,2-Dichloroethane-d4 (70-130%)	*104 %*						08/04/11 06:02	EML	SW846 8260B	11H2130
Surr: 1,2-Dichloroethane-d4 (70-130%)	*103 %*						08/05/11 19:51	EML	SW846 8260B	11H2161
Surr: 1,2-Dichloroethane-d4 (70-130%)	*97 %*						08/08/11 19:45	EML	SW846 8260B	11H2173
Surr: Dibromofluoromethane (70-130%)	*104 %*						08/04/11 06:02	EML	SW846 8260B	11H2130
Surr: Dibromofluoromethane (70-130%)	*101 %*						08/05/11 19:51	EML	SW846 8260B	11H2161
Surr: Dibromofluoromethane (70-130%)	*111 %*						08/08/11 19:45	EML	SW846 8260B	11H2173
Surr: Toluene-d8 (70-130%)	*95 %*						08/04/11 06:02	EML	SW846 8260B	11H2130
Surr: Toluene-d8 (70-130%)	*101 %*						08/05/11 19:51	EML	SW846 8260B	11H2161

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-09 (WMW-4 - Ground Water) - cont. Sampled: 07/27/11 13:45										
Volatile Organic Compounds by EPA Method 8260B - cont.										
Surr: Toluene-d8 (70-130%)	*102 %*						08/08/11 19:45	EML	SW846 8260B	11H2173
Surr: 4-Bromofluorobenzene (70-130%)	*104 %*						08/04/11 06:02	EML	SW846 8260B	11H2130
Surr: 4-Bromofluorobenzene (70-130%)	*102 %*						08/05/11 19:51	EML	SW846 8260B	11H2161
Surr: 4-Bromofluorobenzene (70-130%)	*85 %*						08/08/11 19:45	EML	SW846 8260B	11H2173

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-10 (WMW-6 - Ground Water) Sampled: 07/27/11 16:00										
General Chemistry Parameters										
Alkalinity, Total (CaCO3)	ND	mg/L		10.0	1	08/02/11 16:37	08/03/11 04:00	JAG2	SM2320 B	11H0519
Chemical Oxygen Demand	**73.1**	mg/L		10.0	1	08/03/11 10:34	08/04/11 08:03	MSJ	SM5220 D	11H0642
Total Organic Carbon	**7.08**	mg/L		1.00	1	08/12/11 14:08	08/12/11 16:23	SHJ	SM5310 B	11H3119

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-10 (WMW-6 - Ground Water) - cont. Sampled: 07/27/11 16:00										
MADEP VPH										
VPH Preservation	pH<2									
Methyl tert-Butyl Ether	ND	ug/L		3.00	1	07/27/11 16:00	08/02/11 15:47	KAR2	MADEP VPH	11H0339
Benzene	**2.97**	ug/L		1.00	1	07/27/11 16:00	08/02/11 15:47	KAR2	MADEP VPH	11H0339
Toluene	**64.9**	ug/L		3.00	1	07/27/11 16:00	08/02/11 15:47	KAR2	MADEP VPH	11H0339
Ethylbenzene	**35.5**	ug/L		1.00	1	07/27/11 16:00	08/02/11 15:47	KAR2	MADEP VPH	11H0339
m,p-Xylene	**51.9**	ug/L		4.00	1	07/27/11 16:00	08/02/11 15:47	KAR2	MADEP VPH	11H0339
o-Xylene	**48.0**	ug/L		2.00	1	07/27/11 16:00	08/02/11 15:47	KAR2	MADEP VPH	11H0339
Naphthalene	**47.5**	ug/L		5.00	1	07/27/11 16:00	08/02/11 15:47	KAR2	MADEP VPH	11H0339
C5 - C8 Aliphatic Hydrocarbons, Unadjuste	**51500**	ug/L		5000	50	07/27/11 16:00	08/04/11 20:08	KAR2	MADEP VPH	11H0919
C9 - C12 Aliphatic Hydrocarbons, Unadjust	**653**	ug/L		100	1	07/27/11 16:00	08/02/11 15:47	KAR2	MADEP VPH	11H0339
C5 - C8 Aliphatic Hydrocarbons	**51400**	ug/L		5000	50	07/27/11 16:00	08/04/11 20:08	KAR2	MADEP VPH	11H0919
C9 - C12 Aliphatic Hydrocarbons	**145**	ug/L		100	1	07/27/11 16:00	08/02/11 15:47	KAR2	MADEP VPH	11H0339
C9 - C10 Aromatic Hydrocarbons	**373**	ug/L		100	1	07/27/11 16:00	08/02/11 15:47	KAR2	MADEP VPH	11H0339
Surr: 2,5-Dibromotoluene (FID) (70-130%)	*126 %*						08/02/11 15:47	KAR2	MADEP VPH	11H0339
Surr: 2,5-Dibromotoluene (FID) (70-130%)	*89 %*						08/04/11 20:08	KAR2	MADEP VPH	11H0919
Surr: 2,5-Dibromotoluene (PID) (70-130%)	*105 %*						08/02/11 15:47	KAR2	MADEP VPH	11H0339

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-10 (WMW-6 - Ground Water) - cont. Sampled: 07/27/11 16:00										
MADEP EPH										
C9 - C18 Aliphatic Hydrocarbons	**1200**	ug/L		108	1	08/08/11 11:20	08/09/11 23:22	jlf	MADEP EPH	11H1868
C19 - C36 Aliphatic Hydrocarbons	ND	ug/L		108	1	08/08/11 11:20	08/09/11 23:22	jlf	MADEP EPH	11H1868
C11 - C22 Aromatic Hydrocarbons	**438**	ug/L		108	1	08/08/11 11:20	08/09/11 23:22	jlf	MADEP EPH	11H1868
C11 - C22 Aromatic Hydrocarbons, Unadjus	**491**	ug/L		108	1	08/08/11 11:20	08/09/11 23:52	jlf	MADEP EPH	11H1868
2-Methylnaphthalene	**28.0**	ug/L	T14	10.8	1	08/08/11 11:20	08/11/11 05:00	bes	MADEP EPH	11H1868
Acenaphthene	ND	ug/L	T14	10.8	1	08/08/11 11:20	08/11/11 05:00	bes	MADEP EPH	11H1868
Acenaphthylene	ND	ug/L	T14	10.8	1	08/08/11 11:20	08/11/11 05:00	bes	MADEP EPH	11H1868
Anthracene	ND	ug/L	T14	10.8	1	08/08/11 11:20	08/11/11 05:00	bes	MADEP EPH	11H1868
Benzo (a) anthracene	ND	ug/L	T14	10.8	1	08/08/11 11:20	08/11/11 05:00	bes	MADEP EPH	11H1868
Benzo (a) pyrene	ND	ug/L	T14	10.8	1	08/08/11 11:20	08/11/11 05:00	bes	MADEP EPH	11H1868
Benzo (b) fluoranthene	ND	ug/L	T14	10.8	1	08/08/11 11:20	08/11/11 05:00	bes	MADEP EPH	11H1868
Benzo (g,h,i) perylene	ND	ug/L	T14	10.8	1	08/08/11 11:20	08/11/11 05:00	bes	MADEP EPH	11H1868
Benzo (k) fluoranthene	ND	ug/L	T14	10.8	1	08/08/11 11:20	08/11/11 05:00	bes	MADEP EPH	11H1868
Chrysene	ND	ug/L	T14	10.8	1	08/08/11 11:20	08/11/11 05:00	bes	MADEP EPH	11H1868
Dibenz (a,h) anthracene	ND	ug/L	T14	10.8	1	08/08/11 11:20	08/11/11 05:00	bes	MADEP EPH	11H1868
Fluoranthene	ND	ug/L	T14	10.8	1	08/08/11 11:20	08/11/11 05:00	bes	MADEP EPH	11H1868
Fluorene	ND	ug/L	T14	10.8	1	08/08/11 11:20	08/11/11 05:00	bes	MADEP EPH	11H1868
Indeno (1,2,3-cd) pyrene	ND	ug/L	T14	10.8	1	08/08/11 11:20	08/11/11 05:00	bes	MADEP EPH	11H1868
Naphthalene	**25.2**	ug/L	T14	10.8	1	08/08/11 11:20	08/11/11 05:00	bes	MADEP EPH	11H1868
Phenanthrene	ND	ug/L	T14	10.8	1	08/08/11 11:20	08/11/11 05:00	bes	MADEP EPH	11H1868
Pyrene	ND	ug/L	T14	10.8	1	08/08/11 11:20	08/11/11 05:00	bes	MADEP EPH	11H1868
Surr: 1-Chlorooctadecane (40-140%)	*81 %*						08/09/11 23:22	jlf	MADEP EPH	11H1868
Surr: o-Terphenyl (40-140%)	*81 %*						08/09/11 23:22	jlf	MADEP EPH	11H1868
Surr: 2-Bromonaphthalene (40-140%)	*98 %*						08/09/11 23:52	jlf	MADEP EPH	11H1868
Surr: 2-Fluorobiphenyl (40-140%)	*105 %*						08/09/11 23:52	jlf	MADEP EPH	11H1868

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-10 (WMW-6 - Ground Water) - cont. Sampled: 07/27/11 16:00										
Total Metals by EPA 6010C										
Iron	**33.3**	mg/L		0.0500	1	08/03/11 06:50	08/03/11 12:46	AVR	SW846 6010C	11H0271
Manganese	**4.24**	mg/L		0.0150	1	08/03/11 06:50	08/03/11 12:46	AVR	SW846 6010C	11H0271

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Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-10 (WMW-6 - Ground Water) - cont. Sampled: 07/27/11 16:00										
Dissolved Metals by Method 6010C										
Iron	**33.5**	mg/L		0.0500	1	08/05/11 06:00	08/08/11 13:10	AVR	SW846 6010C	11H0269
Manganese	**0.950**	mg/L		0.150	10	08/05/11 06:00	08/09/11 10:52	LTB	SW846 6010C	11H0269

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Sample ID: NUG4225-10 (WMW-6 - Ground Water) - cont. Sampled: 07/27/11 16:00

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	**210**	ug/L		10.0	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Tert-Amyl Methyl Ether	**2.57**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Benzene	**2.54**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Bromobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Bromochloromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Bromodichloromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Bromoform	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Bromomethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
2-Butanone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
tert-Butylbenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
n-Butylbenzene	**3.16**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
sec-Butylbenzene	**1.83**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Carbon disulfide	**1.08**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Carbon Tetrachloride	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Chlorobenzene	**3.46**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Chlorodibromomethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Chloroethane	**28.4**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Chloroform	**4.40**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Chloromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
2-Chlorotoluene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
4-Chlorotoluene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Dibromomethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
1,2-Dichlorobenzene	**4.65**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
1,2-Dichloroethane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
1,1-Dichloroethane	**308**	ug/L		100	100	08/05/11 12:19	08/05/11 22:11	EML	SW846 8260B	11H2161
1,1-Dichloroethene	**981**	ug/L		100	100	08/05/11 12:19	08/05/11 22:11	EML	SW846 8260B	11H2161
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
cis-1,2-Dichloroethene	**34100**	ug/L		1000	1000	08/05/11 12:19	08/05/11 18:26	EML	SW846 8260B	11H2161
1,3-Dichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
2,2-Dichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
1,2-Dichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
1,1-Dichloropropene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Diethyl ether	**7.24**	ug/L		2.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-10 (WMW-6 - Ground Water) - cont. Sampled: 07/27/11 16:00										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L		200	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Ethylbenzene	**34.3**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Hexachlorobutadiene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
2-Hexanone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Isopropylbenzene	**6.30**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Diisopropyl Ether	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
p-Isopropyltoluene	**2.34**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Methyl tert-Butyl Ether	**3.67**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Methylene Chloride	**671**	ug/L		200	100	08/05/11 12:19	08/05/11 22:11	EML	SW846 8260B	11H2161
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Naphthalene	**41.5**	ug/L		2.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
n-Propylbenzene	**5.25**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Styrene	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
1,1,2,2-Tetrachloroethane	**2.62**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
1,1,1,2-Tetrachloroethane	**2.70**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Tetrachloroethene	**565**	ug/L		100	100	08/05/11 12:19	08/05/11 22:11	EML	SW846 8260B	11H2161
Tetrahydrofuran	ND	ug/L		20.0	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Toluene	**64.0**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
1,1,1-Trichloroethane	**51700**	ug/L		1000	1000	08/05/11 12:19	08/05/11 18:26	EML	SW846 8260B	11H2161
1,1,2-Trichloroethane	**8.13**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Trichloroethene	**209**	ug/L		100	100	08/05/11 12:19	08/05/11 22:11	EML	SW846 8260B	11H2161
Trichlorofluoromethane	**5.04**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
1,3,5-Trimethylbenzene	**16.0**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
1,2,4-Trimethylbenzene	**62.6**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Vinyl chloride	**86.0**	ug/L		1.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
Xylenes, total	**105**	ug/L		2.00	1	08/03/11 22:58	08/04/11 06:30	EML	SW846 8260B	11H2130
1,1,2-Trifluorotrichloroethane	**1770**	ug/L		100	100	08/05/11 12:19	08/05/11 22:11	EML	SW846 8260B	11H2161
Surr: 1,2-Dichloroethane-d4 (70-130%)	*98 %*						08/04/11 06:30	EML	SW846 8260B	11H2130
Surr: 1,2-Dichloroethane-d4 (70-130%)	*99 %*						08/05/11 22:11	EML	SW846 8260B	11H2161
Surr: 1,2-Dichloroethane-d4 (70-130%)	*100 %*						08/05/11 18:26	EML	SW846 8260B	11H2161
Surr: Dibromofluoromethane (70-130%)	*79 %*						08/04/11 06:30	EML	SW846 8260B	11H2130
Surr: Dibromofluoromethane (70-130%)	*99 %*						08/05/11 22:11	EML	SW846 8260B	11H2161
Surr: Dibromofluoromethane (70-130%)	*100 %*						08/05/11 18:26	EML	SW846 8260B	11H2161
Surr: Toluene-d8 (70-130%)	*90 %*						08/04/11 06:30	EML	SW846 8260B	11H2130
Surr: Toluene-d8 (70-130%)	*99 %*						08/05/11 22:11	EML	SW846 8260B	11H2161
Surr: Toluene-d8 (70-130%)	*104 %*						08/05/11 18:26	EML	SW846 8260B	11H2161

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4225-10 (WMW-6 - Ground Water) - cont. Sampled: 07/27/11 16:00										
Volatile Organic Compounds by EPA Method 8260B - cont.										
Surr: 4-Bromofluorobenzene (70-130%)	*107 %*						08/04/11 06:30	EML	SW846 8260B	11H2130
Surr: 4-Bromofluorobenzene (70-130%)	*104 %*						08/05/11 22:11	EML	SW846 8260B	11H2161
Surr: 4-Bromofluorobenzene (70-130%)	*105 %*						08/05/11 18:26	EML	SW846 8260B	11H2161

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Sample ID: NUG4225-11 (Trip Blank - Water) Sampled: 07/27/11 00:01

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	ND	ug/L		10.0	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Benzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Bromobenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Bromochloromethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Bromodichloromethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Bromoform	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Bromomethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
2-Butanone	ND	ug/L		10.0	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
tert-Butylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
n-Butylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
sec-Butylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Carbon disulfide	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Carbon Tetrachloride	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Chlorobenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Chlorodibromomethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Chloroethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Chloroform	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Chloromethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
2-Chlorotoluene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
4-Chlorotoluene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Dibromomethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Dichlorodifluoromethane	ND	ug/L	L2	1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
1,2-Dichloroethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
1,1-Dichloroethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
1,1-Dichloroethene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
cis-1,2-Dichloroethene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
1,3-Dichloropropane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
2,2-Dichloropropane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
1,2-Dichloropropane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
1,1-Dichloropropene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
cis-1,3-Dichloropropene	ND	ug/L	L	1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Diethyl ether	ND	ug/L		2.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Sample ID: NUG4225-11 (Trip Blank - Water) - cont. Sampled: 07/27/11 00:01

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
1,4-Dioxane	ND	ug/L		200	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Ethylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Hexachlorobutadiene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
2-Hexanone	ND	ug/L		10.0	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Isopropylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Diisopropyl Ether	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
p-Isopropyltoluene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Methylene Chloride	ND	ug/L		2.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Naphthalene	ND	ug/L		2.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
n-Propylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Styrene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Tetrachloroethene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Tetrahydrofuran	ND	ug/L		20.0	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Toluene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
1,1,1-Trichloroethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Trichloroethene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Trichlorofluoromethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Vinyl chloride	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Xylenes, total	ND	ug/L		2.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
1,1,2-Trifluorotrichloroethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 16:33	EML	SW846 8260B	11H2161
Surr: 1,2-Dichloroethane-d4 (70-130%)	*101 %*						08/05/11 16:33	EML	SW846 8260B	11H2161
Surr: Dibromofluoromethane (70-130%)	*99 %*						08/05/11 16:33	EML	SW846 8260B	11H2161
Surr: Toluene-d8 (70-130%)	*110 %*						08/05/11 16:33	EML	SW846 8260B	11H2161
Surr: 4-Bromofluorobenzene (70-130%)	*105 %*						08/05/11 16:33	EML	SW846 8260B	11H2161

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extract Vol	Date	Analyst	Extraction Method
Dissolved Metals by Method 6010C							
SW846 6010C	11H0269	NUG4225-01	50.00	50.00	08/05/11 06:00	CAT	EPA 3010A / 6010 D
SW846 6010C	11H0269	NUG4225-01	50.00	50.00	08/05/11 06:00	CAT	EPA 3010A / 6010 D
SW846 6010C	11H0269	NUG4225-05	50.00	50.00	08/05/11 06:00	CAT	EPA 3010A / 6010 D
SW846 6010C	11H0269	NUG4225-05	50.00	50.00	08/05/11 06:00	CAT	EPA 3010A / 6010 D
SW846 6010C	11H0269	NUG4225-06	50.00	50.00	08/05/11 06:00	CAT	EPA 3010A / 6010 D
SW846 6010C	11H0269	NUG4225-06	50.00	50.00	08/05/11 06:00	CAT	EPA 3010A / 6010 D
SW846 6010C	11H0269	NUG4225-07	50.00	50.00	08/05/11 06:00	CAT	EPA 3010A / 6010 D
SW846 6010C	11H0269	NUG4225-07	50.00	50.00	08/05/11 06:00	CAT	EPA 3010A / 6010 D
SW846 6010C	11H0269	NUG4225-08	50.00	50.00	08/05/11 06:00	CAT	EPA 3010A / 6010 D
SW846 6010C	11H0269	NUG4225-08	50.00	50.00	08/05/11 06:00	CAT	EPA 3010A / 6010 D
SW846 6010C	11H0269	NUG4225-09	50.00	50.00	08/05/11 06:00	CAT	EPA 3010A / 6010 D
SW846 6010C	11H0269	NUG4225-09	50.00	50.00	08/05/11 06:00	CAT	EPA 3010A / 6010 D
SW846 6010C	11H0269	NUG4225-10	50.00	50.00	08/05/11 06:00	CAT	EPA 3010A / 6010 D
SW846 6010C	11H0269	NUG4225-10	50.00	50.00	08/05/11 06:00	CAT	EPA 3010A / 6010 D
MADEP EPH							
MADEP EPH	11H0324	NUG4225-01	980.00	1.00	08/04/11 08:15	JJR	MADEP water
MADEP EPH	11H1868	NUG4225-01RE1	900.00	1.00	08/08/11 11:20	JJR	MADEP water
MADEP EPH	11H0324	NUG4225-07	950.00	1.00	08/04/11 08:15	JJR	MADEP water
MADEP EPH	11H1868	NUG4225-07RE1	850.00	1.00	08/08/11 11:20	JJR	MADEP water
MADEP EPH	11H0324	NUG4225-07RE2	950.00	1.00	08/04/11 08:15	JJR	MADEP water
MADEP EPH	11H1868	NUG4225-07RE3	850.00	1.00	08/08/11 11:20	JJR	MADEP water
MADEP EPH	11H0324	NUG4225-08	900.00	1.00	08/04/11 08:15	JJR	MADEP water
MADEP EPH	11H1868	NUG4225-08RE1	900.00	1.00	08/08/11 11:20	JJR	MADEP water
MADEP EPH	11H0324	NUG4225-08RE2	900.00	1.00	08/04/11 08:15	JJR	MADEP water
MADEP EPH	11H1868	NUG4225-08RE3	900.00	1.00	08/08/11 11:20	JJR	MADEP water
MADEP EPH	11H0324	NUG4225-09	930.00	1.00	08/04/11 08:15	JJR	MADEP water
MADEP EPH	11H0324	NUG4225-09RE1	930.00	1.00	08/04/11 08:15	JJR	MADEP water
MADEP EPH	11H1868	NUG4225-09RE2	900.00	1.00	08/08/11 11:20	JJR	MADEP water
MADEP EPH	11H0324	NUG4225-09RE3	930.00	1.00	08/04/11 08:15	JJR	MADEP water
MADEP EPH	11H0324	NUG4225-09RE4	930.00	1.00	08/04/11 08:15	JJR	MADEP water
MADEP EPH	11H1868	NUG4225-09RE5	900.00	1.00	08/08/11 11:20	JJR	MADEP water
MADEP EPH	11H1868	NUG4225-09RE6	900.00	1.00	08/08/11 11:20	JJR	MADEP water
MADEP EPH	11H0324	NUG4225-10	800.00	1.00	08/04/11 08:15	JJR	MADEP water
MADEP EPH	11H1868	NUG4225-10RE1	925.00	1.00	08/08/11 11:20	JJR	MADEP water
MADEP EPH	11H0324	NUG4225-10RE2	800.00	1.00	08/04/11 08:15	JJR	MADEP water
MADEP EPH	11H1868	NUG4225-10RE3	925.00	1.00	08/08/11 11:20	JJR	MADEP water
MADEP VPH							
MADEP VPH	11H0339	NUG4225-01	5.00	5.00	07/25/11 13:45	KAR2	MADEP
MADEP VPH	11H0339	NUG4225-07	5.00	5.00	07/26/11 17:30	KAR2	MADEP
MADEP VPH	11H0339	NUG4225-07RE1	5.00	5.00	07/26/11 17:30	KAR2	MADEP
MADEP VPH	11H0635	NUG4225-07RE2	5.00	5.00	07/26/11 17:30	KAR2	MADEP
MADEP VPH	11H0635	NUG4225-07RE3	5.00	5.00	07/26/11 17:30	KAR2	MADEP
MADEP VPH	11H0339	NUG4225-08	5.00	5.00	07/27/11 11:45	KAR2	MADEP
MADEP VPH	11H0339	NUG4225-08RE1	5.00	5.00	07/27/11 11:45	KAR2	MADEP

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extract Vol	Date	Analyst	Extraction Method
MADEP VPH	11H0635	NUG4225-08RE2	5.00	5.00	07/27/11 11:45	KAR2	MADEP
MADEP VPH	11H0339	NUG4225-09	5.00	5.00	07/27/11 13:45	KAR2	MADEP
MADEP VPH	11H0339	NUG4225-09RE1	5.00	5.00	07/27/11 13:45	KAR2	MADEP
MADEP VPH	11H0339	NUG4225-10	5.00	5.00	07/27/11 16:00	KAR2	MADEP
MADEP VPH	11H0339	NUG4225-10RE1	5.00	5.00	07/27/11 16:00	KAR2	MADEP
MADEP VPH	11H0635	NUG4225-10RE2	5.00	5.00	07/27/11 16:00	KAR2	MADEP
MADEP VPH	11H0919	NUG4225-10RE3	5.00	5.00	07/27/11 16:00	KAR2	MADEP
Total Metals by EPA 6010C							
SW846 6010C	11H0271	NUG4225-01	50.00	50.00	08/03/11 06:50	CAT	EPA 3010A / 6010
SW846 6010C	11H0271	NUG4225-01	50.00	50.00	08/03/11 06:50	CAT	EPA 3010A / 6010
SW846 6010C	11H0271	NUG4225-05	50.00	50.00	08/03/11 06:50	CAT	EPA 3010A / 6010
SW846 6010C	11H0271	NUG4225-05	50.00	50.00	08/03/11 06:50	CAT	EPA 3010A / 6010
SW846 6010C	11H0271	NUG4225-06	50.00	50.00	08/03/11 06:50	CAT	EPA 3010A / 6010
SW846 6010C	11H0271	NUG4225-06	50.00	50.00	08/03/11 06:50	CAT	EPA 3010A / 6010
SW846 6010C	11H0271	NUG4225-07	50.00	50.00	08/03/11 06:50	CAT	EPA 3010A / 6010
SW846 6010C	11H0271	NUG4225-07	50.00	50.00	08/03/11 06:50	CAT	EPA 3010A / 6010
SW846 6010C	11H0271	NUG4225-08	50.00	50.00	08/03/11 06:50	CAT	EPA 3010A / 6010
SW846 6010C	11H0271	NUG4225-08	50.00	50.00	08/03/11 06:50	CAT	EPA 3010A / 6010
SW846 6010C	11H0271	NUG4225-09	50.00	50.00	08/03/11 06:50	CAT	EPA 3010A / 6010
SW846 6010C	11H0271	NUG4225-09	50.00	50.00	08/03/11 06:50	CAT	EPA 3010A / 6010
SW846 6010C	11H0271	NUG4225-10	50.00	50.00	08/03/11 06:50	CAT	EPA 3010A / 6010
SW846 6010C	11H0271	NUG4225-10	50.00	50.00	08/03/11 06:50	CAT	EPA 3010A / 6010

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
General Chemistry Parameters						
11H0517-BLK1						
Alkalinity, Total (CaCO3)	4.87		mg/L	11H0517	11H0517-BLK1	08/02/11 21:52
11H0519-BLK1						
Alkalinity, Total (CaCO3)	2.94		mg/L	11H0519	11H0519-BLK1	08/03/11 01:15
11H0642-BLK1						
Chemical Oxygen Demand	<2.00		mg/L	11H0642	11H0642-BLK1	08/04/11 08:03
11H3119-BLK1						
Total Organic Carbon	<0.500		mg/L	11H3119	11H3119-BLK1	08/12/11 16:23
MADEP VPH						
11H0339-BLK1						
Methyl tert-Butyl Ether	<0.330		ug/L	11H0339	11H0339-BLK1	08/02/11 12:15
Benzene	<0.330		ug/L	11H0339	11H0339-BLK1	08/02/11 12:15
Toluene	<0.330		ug/L	11H0339	11H0339-BLK1	08/02/11 12:15
Ethylbenzene	<0.330		ug/L	11H0339	11H0339-BLK1	08/02/11 12:15
m,p-Xylene	<0.330		ug/L	11H0339	11H0339-BLK1	08/02/11 12:15
o-Xylene	<0.330		ug/L	11H0339	11H0339-BLK1	08/02/11 12:15
Naphthalene	0.398		ug/L	11H0339	11H0339-BLK1	08/02/11 12:15
C5 - C8 Aliphatic Hydrocarbons, Unadjuste	<50.0		ug/L	11H0339	11H0339-BLK1	08/02/11 12:15
C9 - C12 Aliphatic Hydrocarbons, Unadjust	<50.0		ug/L	11H0339	11H0339-BLK1	08/02/11 12:15
C5 - C8 Aliphatic Hydrocarbons	<50.0		ug/L	11H0339	11H0339-BLK1	08/02/11 12:15
C9 - C12 Aliphatic Hydrocarbons	<50.0		ug/L	11H0339	11H0339-BLK1	08/02/11 12:15
C9 - C10 Aromatic Hydrocarbons	<50.0		ug/L	11H0339	11H0339-BLK1	08/02/11 12:15
Surrogate: 2,5-Dibromotoluene (FID)	104%			11H0339	11H0339-BLK1	08/02/11 12:15
Surrogate: 2,5-Dibromotoluene (PID)	94%			11H0339	11H0339-BLK1	08/02/11 12:15
11H0635-BLK1						
Methyl tert-Butyl Ether	<0.330		ug/L	11H0635	11H0635-BLK1	08/03/11 12:34
Benzene	<0.330		ug/L	11H0635	11H0635-BLK1	08/03/11 12:34
Toluene	<0.330		ug/L	11H0635	11H0635-BLK1	08/03/11 12:34
Ethylbenzene	<0.330		ug/L	11H0635	11H0635-BLK1	08/03/11 12:34
m,p-Xylene	<0.330		ug/L	11H0635	11H0635-BLK1	08/03/11 12:34
o-Xylene	<0.330		ug/L	11H0635	11H0635-BLK1	08/03/11 12:34
Naphthalene	0.432		ug/L	11H0635	11H0635-BLK1	08/03/11 12:34
C5 - C8 Aliphatic Hydrocarbons, Unadjuste	<50.0		ug/L	11H0635	11H0635-BLK1	08/03/11 12:34
C9 - C12 Aliphatic Hydrocarbons, Unadjust	<50.0		ug/L	11H0635	11H0635-BLK1	08/03/11 12:34
C5 - C8 Aliphatic Hydrocarbons	<50.0		ug/L	11H0635	11H0635-BLK1	08/03/11 12:34
C9 - C12 Aliphatic Hydrocarbons	<50.0		ug/L	11H0635	11H0635-BLK1	08/03/11 12:34
C9 - C10 Aromatic Hydrocarbons	<50.0		ug/L	11H0635	11H0635-BLK1	08/03/11 12:34
Surrogate: 2,5-Dibromotoluene (FID)	102%			11H0635	11H0635-BLK1	08/03/11 12:34

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
MADEP VPH						
11H0635-BLK1						
Surrogate: 2,5-Dibromotoluene (PID)	94%			11H0635	11H0635-BLK1	08/03/11 12:34
11H0919-BLK1						
Methyl tert-Butyl Ether	<0.330		ug/L	11H0919	11H0919-BLK1	08/04/11 19:08
Benzene	<0.330		ug/L	11H0919	11H0919-BLK1	08/04/11 19:08
Toluene	<0.330		ug/L	11H0919	11H0919-BLK1	08/04/11 19:08
Ethylbenzene	<0.330		ug/L	11H0919	11H0919-BLK1	08/04/11 19:08
m,p-Xylene	<0.330		ug/L	11H0919	11H0919-BLK1	08/04/11 19:08
o-Xylene	<0.330		ug/L	11H0919	11H0919-BLK1	08/04/11 19:08
Naphthalene	1.80		ug/L	11H0919	11H0919-BLK1	08/04/11 19:08
C5 - C8 Aliphatic Hydrocarbons, Unadjuste	<50.0		ug/L	11H0919	11H0919-BLK1	08/04/11 19:08
C9 - C12 Aliphatic Hydrocarbons, Unadjust	<50.0		ug/L	11H0919	11H0919-BLK1	08/04/11 19:08
C5 - C8 Aliphatic Hydrocarbons	<50.0		ug/L	11H0919	11H0919-BLK1	08/04/11 19:08
C9 - C12 Aliphatic Hydrocarbons	<50.0		ug/L	11H0919	11H0919-BLK1	08/04/11 19:08
C9 - C10 Aromatic Hydrocarbons	<50.0		ug/L	11H0919	11H0919-BLK1	08/04/11 19:08
Surrogate: 2,5-Dibromotoluene (FID)	97%			11H0919	11H0919-BLK1	08/04/11 19:08
Surrogate: 2,5-Dibromotoluene (PID)	92%			11H0919	11H0919-BLK1	08/04/11 19:08
MADEP EPH						
11H1868-BLK1						
C9 - C18 Aliphatic Hydrocarbons	<50.0		ug/L	11H1868	11H1868-BLK1	08/09/11 16:19
C19 - C36 Aliphatic Hydrocarbons	<50.0		ug/L	11H1868	11H1868-BLK1	08/09/11 16:19
C11 - C22 Aromatic Hydrocarbons, Unadjus	<50.0		ug/L	11H1868	11H1868-BLK1	08/09/11 16:50
Surrogate: 1-Chlorooctadecane	71%			11H1868	11H1868-BLK1	08/09/11 16:19
Surrogate: o-Terphenyl	68%			11H1868	11H1868-BLK1	08/09/11 16:50
Surrogate: 2-Bromonaphthalene	89%			11H1868	11H1868-BLK1	08/09/11 16:50
Surrogate: 2-Fluorobiphenyl	94%			11H1868	11H1868-BLK1	08/09/11 16:50
11H1868-BLK2						
2-Methylnaphthalene	<0.600	T14	ug/L	11H1868	11H1868-BLK2	08/11/11 03:07
Acenaphthene	<0.500	T14	ug/L	11H1868	11H1868-BLK2	08/11/11 03:07
Acenaphthylene	<0.400	T14	ug/L	11H1868	11H1868-BLK2	08/11/11 03:07
Anthracene	<0.200	T14	ug/L	11H1868	11H1868-BLK2	08/11/11 03:07
Benzo (a) anthracene	<0.700	T14	ug/L	11H1868	11H1868-BLK2	08/11/11 03:07
Benzo (a) pyrene	<0.600	T14	ug/L	11H1868	11H1868-BLK2	08/11/11 03:07
Benzo (b) fluoranthene	<0.700	T14	ug/L	11H1868	11H1868-BLK2	08/11/11 03:07
Benzo (g,h,i) perylene	<0.500	T14	ug/L	11H1868	11H1868-BLK2	08/11/11 03:07
Benzo (k) fluoranthene	<0.800	T14	ug/L	11H1868	11H1868-BLK2	08/11/11 03:07
Chrysene	<0.500	T14	ug/L	11H1868	11H1868-BLK2	08/11/11 03:07
Dibenz (a,h) anthracene	<0.600	T14	ug/L	11H1868	11H1868-BLK2	08/11/11 03:07
Fluoranthene	<0.700	T14	ug/L	11H1868	11H1868-BLK2	08/11/11 03:07
Fluorene	<0.700	T14	ug/L	11H1868	11H1868-BLK2	08/11/11 03:07

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
MADEP EPH						
11H1868-BLK2						
Indeno (1,2,3-cd) pyrene	<0.500	T14	ug/L	11H1868	11H1868-BLK2	08/11/11 03:07
Naphthalene	<0.500	T14	ug/L	11H1868	11H1868-BLK2	08/11/11 03:07
Phenanthrene	<0.700	T14	ug/L	11H1868	11H1868-BLK2	08/11/11 03:07
Pyrene	<0.600	T14	ug/L	11H1868	11H1868-BLK2	08/11/11 03:07
Total Metals by EPA 6010C						
11H0271-BLK1						
Iron	<0.0490		mg/L	11H0271	11H0271-BLK1	08/03/11 11:55
Manganese	<0.00150		mg/L	11H0271	11H0271-BLK1	08/03/11 11:55
Dissolved Metals by Method 6010C						
11H0269-BLK1						
Iron	<0.0490		mg/L	11H0269	11H0269-BLK1	08/08/11 12:26
Manganese	<0.00150		mg/L	11H0269	11H0269-BLK1	08/08/11 12:26
Volatile Organic Compounds by EPA Method 8260B						
11H2130-BLK1						
Acetone	<5.00		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Tert-Amyl Methyl Ether	<0.170		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Benzene	<0.170		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Bromobenzene	<0.170		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Bromochloromethane	<0.240		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Bromodichloromethane	<0.180		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Bromoform	<0.180		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Bromomethane	<0.170		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
2-Butanone	<1.70		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
tert-Butylbenzene	<0.170		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
n-Butylbenzene	<0.180		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
sec-Butylbenzene	<0.170		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Carbon disulfide	0.260		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Carbon Tetrachloride	<0.170		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Chlorobenzene	<0.190		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Chlorodibromomethane	<0.210		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Chloroethane	<0.210		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Chloroform	<0.170		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Chloromethane	<0.300		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
2-Chlorotoluene	<0.140		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
4-Chlorotoluene	<0.170		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
1,2-Dibromo-3-chloropropane	<0.270		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
1,2-Dibromoethane (EDB)	<0.180		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Dibromomethane	<0.160		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11H2130-BLK1						
1,2-Dichlorobenzene	<0.130		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
1,3-Dichlorobenzene	<0.140		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
1,4-Dichlorobenzene	<0.150		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Dichlorodifluoromethane	<0.140		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
1,2-Dichloroethane	<0.170		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
1,1-Dichloroethane	<0.170		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
1,1-Dichloroethene	<0.170		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
trans-1,2-Dichloroethene	<0.160		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
cis-1,2-Dichloroethene	<0.150		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
1,3-Dichloropropane	<0.110		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
2,2-Dichloropropane	<0.170		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
1,2-Dichloropropane	<0.180		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
trans-1,3-Dichloropropene	<0.170		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
1,1-Dichloropropene	<0.110		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
cis-1,3-Dichloropropene	<0.150		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Diethyl ether	<0.150		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
1,4-Dioxane	<18.0		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Ethylbenzene	<0.170		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Ethyl tert-Butyl Ether	<0.170		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Hexachlorobutadiene	<0.260		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
2-Hexanone	<0.710		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Isopropylbenzene	<0.170		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Diisopropyl Ether	<0.170		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
p-Isopropyltoluene	<0.170		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Methyl tert-Butyl Ether	<0.170		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Methylene Chloride	<1.67		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
4-Methyl-2-pentanone	<3.30		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Naphthalene	<1.70		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
n-Propylbenzene	<0.170		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Styrene	<0.170		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
1,1,2,2-Tetrachloroethane	<0.140		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
1,1,1,2-Tetrachloroethane	<0.180		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Tetrachloroethene	<0.190		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Tetrahydrofuran	<3.30		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Toluene	<0.170		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
1,2,4-Trichlorobenzene	<0.180		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
1,2,3-Trichlorobenzene	<0.250		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
1,1,1-Trichloroethane	<0.170		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
1,1,2-Trichloroethane	<0.150		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Trichloroethene	<0.180		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Trichlorofluoromethane	<0.180		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11H2130-BLK1						
1,2,3-Trichloropropane	<0.270		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
1,3,5-Trimethylbenzene	<0.170		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
1,2,4-Trimethylbenzene	<0.170		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Vinyl chloride	<0.170		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Xylenes, total	<0.390		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
1,1,2-Trifluorotrichloroethane	<0.260		ug/L	11H2130	11H2130-BLK1	08/04/11 01:49
Surrogate: 1,2-Dichloroethane-d4	103%			11H2130	11H2130-BLK1	08/04/11 01:49
Surrogate: Dibromofluoromethane	102%			11H2130	11H2130-BLK1	08/04/11 01:49
Surrogate: Toluene-d8	90%			11H2130	11H2130-BLK1	08/04/11 01:49
Surrogate: 4-Bromofluorobenzene	102%			11H2130	11H2130-BLK1	08/04/11 01:49
11H2161-BLK1						
Acetone	<5.00		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Tert-Amyl Methyl Ether	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Benzene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Bromobenzene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Bromochloromethane	<0.240		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Bromodichloromethane	<0.180		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Bromoform	<0.180		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Bromomethane	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
2-Butanone	<1.70		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
tert-Butylbenzene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
n-Butylbenzene	<0.180		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
sec-Butylbenzene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Carbon disulfide	0.310		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Carbon Tetrachloride	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Chlorobenzene	<0.190		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Chlorodibromomethane	<0.210		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Chloroethane	<0.210		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Chloroform	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Chloromethane	<0.300		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
2-Chlorotoluene	<0.140		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
4-Chlorotoluene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,2-Dibromo-3-chloropropane	<0.270		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,2-Dibromoethane (EDB)	<0.180		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Dibromomethane	<0.160		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,2-Dichlorobenzene	<0.130		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,3-Dichlorobenzene	<0.140		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,4-Dichlorobenzene	<0.150		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Dichlorodifluoromethane	<0.140		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,2-Dichloroethane	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11H2161-BLK1						
1,1-Dichloroethane	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,1-Dichloroethene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
trans-1,2-Dichloroethene	<0.160		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
cis-1,2-Dichloroethene	<0.150		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,3-Dichloropropane	<0.110		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
2,2-Dichloropropane	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,2-Dichloropropane	<0.180		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
trans-1,3-Dichloropropene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,1-Dichloropropene	<0.110		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
cis-1,3-Dichloropropene	<0.150		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Diethyl ether	<0.150		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,4-Dioxane	<18.0		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Ethylbenzene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Ethyl tert-Butyl Ether	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Hexachlorobutadiene	<0.260		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
2-Hexanone	<0.710		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Isopropylbenzene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Diisopropyl Ether	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
p-Isopropyltoluene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Methyl tert-Butyl Ether	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Methylene Chloride	<1.67		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
4-Methyl-2-pentanone	<3.30		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Naphthalene	<1.70		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
n-Propylbenzene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Styrene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,1,2,2-Tetrachloroethane	<0.140		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,1,1,2-Tetrachloroethane	<0.180		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Tetrachloroethene	<0.190		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Tetrahydrofuran	<3.30		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Toluene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,2,4-Trichlorobenzene	0.270		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,2,3-Trichlorobenzene	0.270		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,1,1-Trichloroethane	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,1,2-Trichloroethane	<0.150		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Trichloroethene	<0.180		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Trichlorofluoromethane	<0.180		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,2,3-Trichloropropane	<0.270		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,3,5-Trimethylbenzene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,2,4-Trimethylbenzene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Vinyl chloride	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Xylenes, total	<0.390		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11H2161-BLK1						
1,1,2-Trifluorotrichloroethane	<0.260		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Surrogate: 1,2-Dichloroethane-d4	100%			11H2161	11H2161-BLK1	08/05/11 16:05
Surrogate: Dibromofluoromethane	92%			11H2161	11H2161-BLK1	08/05/11 16:05
Surrogate: Toluene-d8	120%			11H2161	11H2161-BLK1	08/05/11 16:05
Surrogate: 4-Bromofluorobenzene	103%			11H2161	11H2161-BLK1	08/05/11 16:05
11H2173-BLK1						
Acetone	<5.00		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Tert-Amyl Methyl Ether	<0.170		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Benzene	<0.170		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Bromobenzene	<0.170		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Bromochloromethane	<0.240		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Bromodichloromethane	<0.180		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Bromoform	<0.180		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Bromomethane	<0.170		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
2-Butanone	<1.70		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
tert-Butylbenzene	<0.170		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
n-Butylbenzene	<0.180		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
sec-Butylbenzene	<0.170		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Carbon disulfide	<0.130		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Carbon Tetrachloride	<0.170		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Chlorobenzene	<0.190		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Chlorodibromomethane	<0.210		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Chloroethane	<0.210		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Chloroform	<0.170		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Chloromethane	<0.300		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
2-Chlorotoluene	<0.140		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
4-Chlorotoluene	<0.170		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
1,2-Dibromo-3-chloropropane	<0.270		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
1,2-Dibromoethane (EDB)	<0.180		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Dibromomethane	<0.160		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
1,2-Dichlorobenzene	<0.130		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
1,3-Dichlorobenzene	<0.140		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
1,4-Dichlorobenzene	<0.150		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Dichlorodifluoromethane	<0.140		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
1,2-Dichloroethane	<0.170		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
1,1-Dichloroethane	<0.170		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
1,1-Dichloroethene	<0.170		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
trans-1,2-Dichloroethene	<0.160		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
cis-1,2-Dichloroethene	<0.150		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
1,3-Dichloropropane	<0.110		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11H2173-BLK1						
2,2-Dichloropropane	<0.170		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
1,2-Dichloropropane	<0.180		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
trans-1,3-Dichloropropene	<0.170		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
1,1-Dichloropropene	<0.110		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
cis-1,3-Dichloropropene	<0.150		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Diethyl ether	<0.150		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
1,4-Dioxane	<18.0		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Ethylbenzene	<0.170		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Ethyl tert-Butyl Ether	<0.170		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Hexachlorobutadiene	<0.260		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
2-Hexanone	<0.710		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Isopropylbenzene	<0.170		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Diisopropyl Ether	<0.170		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
p-Isopropyltoluene	<0.170		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Methyl tert-Butyl Ether	<0.170		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Methylene Chloride	<1.67		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
4-Methyl-2-pentanone	<3.30		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Naphthalene	<1.70		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
n-Propylbenzene	<0.170		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Styrene	<0.170		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
1,1,2,2-Tetrachloroethane	<0.140		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
1,1,1,2-Tetrachloroethane	<0.180		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Tetrachloroethene	<0.190		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Tetrahydrofuran	<3.30		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Toluene	<0.170		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
1,2,4-Trichlorobenzene	<0.180		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
1,2,3-Trichlorobenzene	<0.250		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
1,1,1-Trichloroethane	<0.170		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
1,1,2-Trichloroethane	<0.150		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Trichloroethene	<0.180		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Trichlorofluoromethane	<0.180		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
1,2,3-Trichloropropane	<0.270		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
1,3,5-Trimethylbenzene	<0.170		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
1,2,4-Trimethylbenzene	<0.170		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Vinyl chloride	<0.170		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Xylenes, total	<0.390		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
1,1,2-Trifluorotrichloroethane	<0.260		ug/L	11H2173	11H2173-BLK1	08/08/11 18:19
Surrogate: 1,2-Dichloroethane-d4	98%			11H2173	11H2173-BLK1	08/08/11 18:19
Surrogate: Dibromofluoromethane	103%			11H2173	11H2173-BLK1	08/08/11 18:19
Surrogate: Toluene-d8	102%			11H2173	11H2173-BLK1	08/08/11 18:19
Surrogate: 4-Bromofluorobenzene	94%			11H2173	11H2173-BLK1	08/08/11 18:19

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time

Volatile Organic Compounds by EPA Method 8260B

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA

Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	% Rec.	Analyzed Date/Time
General Chemistry Parameters										
11H0517-DUP1										
Alkalinity, Total (CaCO3)	252	244		mg/L	3	20	11H0517	NUG3860-01		08/02/11 22:09
11H0519-DUP1										
Alkalinity, Total (CaCO3)	611	599		mg/L	2	20	11H0519	NUG4108-04		08/03/11 01:58
11H0642-DUP1										
Chemical Oxygen Demand	194	178		mg/L	9	10	11H0642	NUH0057-02		08/04/11 08:03

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
11H0517-BS1								
Alkalinity, Total (CaCO3)	100	94.5		mg/L	95%	90 - 110	11H0517	08/02/11 21:58
11H0519-BS1								
Alkalinity, Total (CaCO3)	100	107		mg/L	107%	90 - 110	11H0519	08/03/11 01:47
11H0642-BS1								
Chemical Oxygen Demand	20.0	21.1		mg/L	106%	90 - 110	11H0642	08/04/11 08:03
11H3119-BS1								
Total Organic Carbon	10.0	10.7		mg/L	107%	90 - 110	11H3119	08/12/11 16:23
MADEP VPH								
11H0339-BS1								
Methyl tert-Butyl Ether	100	85.8		ug/L	86%	70 - 130	11H0339	08/02/11 10:24
Benzene	100	101		ug/L	101%	70 - 130	11H0339	08/02/11 10:24
Toluene	100	99.2		ug/L	99%	70 - 130	11H0339	08/02/11 10:24
Ethylbenzene	100	100		ug/L	100%	70 - 130	11H0339	08/02/11 10:24
m,p-Xylene	200	203		ug/L	101%	70 - 130	11H0339	08/02/11 10:24
o-Xylene	100	100		ug/L	100%	70 - 130	11H0339	08/02/11 10:24
Naphthalene	100	87.0		ug/L	87%	70 - 130	11H0339	08/02/11 10:24
C5 - C8 Aliphatic Hydrocarbons, Unadjusted	300	324		ug/L	108%	70 - 130	11H0339	08/02/11 10:24
C9 - C12 Aliphatic Hydrocarbons, Unadjusted	200	177		ug/L	89%	70 - 130	11H0339	08/02/11 10:24
C9 - C10 Aromatic Hydrocarbons	100	102		ug/L	102%	70 - 130	11H0339	08/02/11 10:24
Surrogate: 2,5-Dibromotoluene (FID)	40.0	33.4			83%	70 - 130	11H0339	08/02/11 10:24
Surrogate: 2,5-Dibromotoluene (PID)	40.0	30.1			75%	70 - 130	11H0339	08/02/11 10:24
11H0635-BS1								
Methyl tert-Butyl Ether	100	86.2		ug/L	86%	70 - 130	11H0635	08/03/11 10:46
Benzene	100	102		ug/L	102%	70 - 130	11H0635	08/03/11 10:46
Toluene	100	99.8		ug/L	100%	70 - 130	11H0635	08/03/11 10:46
Ethylbenzene	100	101		ug/L	101%	70 - 130	11H0635	08/03/11 10:46
m,p-Xylene	200	205		ug/L	102%	70 - 130	11H0635	08/03/11 10:46
o-Xylene	100	101		ug/L	101%	70 - 130	11H0635	08/03/11 10:46
Naphthalene	100	89.0		ug/L	89%	70 - 130	11H0635	08/03/11 10:46
C5 - C8 Aliphatic Hydrocarbons, Unadjusted	300	344		ug/L	115%	70 - 130	11H0635	08/03/11 10:46
C9 - C12 Aliphatic Hydrocarbons, Unadjusted	200	209		ug/L	104%	70 - 130	11H0635	08/03/11 10:46
C9 - C10 Aromatic Hydrocarbons	100	103		ug/L	103%	70 - 130	11H0635	08/03/11 10:46
Surrogate: 2,5-Dibromotoluene (FID)	40.0	37.2			93%	70 - 130	11H0635	08/03/11 10:46
Surrogate: 2,5-Dibromotoluene (PID)	40.0	33.4			83%	70 - 130	11H0635	08/03/11 10:46
11H0919-BS1								
Methyl tert-Butyl Ether	100	92.8		ug/L	93%	70 - 130	11H0919	08/04/11 12:51

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
MADEP VPH								
11H0919-BS1								
Benzene	100	93.9		ug/L	94%	70 - 130	11H0919	08/04/11 12:51
Toluene	100	91.9		ug/L	92%	70 - 130	11H0919	08/04/11 12:51
Ethylbenzene	100	94.4		ug/L	94%	70 - 130	11H0919	08/04/11 12:51
m,p-Xylene	200	190		ug/L	95%	70 - 130	11H0919	08/04/11 12:51
o-Xylene	100	93.5		ug/L	94%	70 - 130	11H0919	08/04/11 12:51
Naphthalene	100	96.2		ug/L	96%	70 - 130	11H0919	08/04/11 12:51
C5 - C8 Aliphatic Hydrocarbons, Unadjusted	300	292		ug/L	97%	70 - 130	11H0919	08/04/11 12:51
C9 - C12 Aliphatic Hydrocarbons, Unadjusted	200	205		ug/L	102%	70 - 130	11H0919	08/04/11 12:51
C9 - C10 Aromatic Hydrocarbons	100	96.2		ug/L	96%	70 - 130	11H0919	08/04/11 12:51
Surrogate: 2,5-Dibromotoluene (FID)	40.0	41.1			103%	70 - 130	11H0919	08/04/11 12:51
Surrogate: 2,5-Dibromotoluene (PID)	40.0	40.5			101%	70 - 130	11H0919	08/04/11 12:51
MADEP EPH								
11H1868-BS1								
C9 - C18 Aliphatic Hydrocarbons	150	107		ug/L	72%	40 - 140	11H1868	08/09/11 17:20
C19 - C36 Aliphatic Hydrocarbons	200	176		ug/L	88%	40 - 140	11H1868	08/09/11 17:20
C11 - C22 Aromatic Hydrocarbons, Unadjustec	425	378		ug/L	89%	40 - 140	11H1868	08/09/11 17:50
Surrogate: 1-Chlorooctadecane	40.0	33.2			83%	40 - 140	11H1868	08/09/11 17:20
Surrogate: o-Terphenyl	40.0	38.5			96%	40 - 140	11H1868	08/09/11 17:50
Surrogate: 2-Bromonaphthalene	40.0	35.0			87%	40 - 140	11H1868	08/09/11 17:50
Surrogate: 2-Fluorobiphenyl	40.0	40.4			101%	40 - 140	11H1868	08/09/11 17:50
11H1868-BS2								
2-Methylnaphthalene	25.0	15.9	T14	ug/L	64%	40 - 140	11H1868	08/11/11 03:26
Acenaphthene	25.0	16.6	T14	ug/L	66%	40 - 140	11H1868	08/11/11 03:26
Acenaphthylene	25.0	17.3	T14	ug/L	69%	40 - 140	11H1868	08/11/11 03:26
Anthracene	25.0	19.0	T14	ug/L	76%	40 - 140	11H1868	08/11/11 03:26
Benzo (a) anthracene	25.0	18.8	T14	ug/L	75%	40 - 140	11H1868	08/11/11 03:26
Benzo (a) pyrene	25.0	20.1	T14	ug/L	80%	40 - 140	11H1868	08/11/11 03:26
Benzo (b) fluoranthene	25.0	19.9	T14	ug/L	79%	40 - 140	11H1868	08/11/11 03:26
Benzo (g,h,i) perylene	25.0	18.0	T14	ug/L	72%	40 - 140	11H1868	08/11/11 03:26
Benzo (k) fluoranthene	25.0	18.0	T14	ug/L	72%	40 - 140	11H1868	08/11/11 03:26
Chrysene	25.0	19.1	T14	ug/L	77%	40 - 140	11H1868	08/11/11 03:26
Dibenz (a,h) anthracene	25.0	18.3	T14	ug/L	73%	40 - 140	11H1868	08/11/11 03:26
Fluoranthene	25.0	19.1	T14	ug/L	76%	40 - 140	11H1868	08/11/11 03:26
Fluorene	25.0	18.0	T14	ug/L	72%	40 - 140	11H1868	08/11/11 03:26
Indeno (1,2,3-cd) pyrene	25.0	17.8	T14	ug/L	71%	40 - 140	11H1868	08/11/11 03:26
Naphthalene	25.0	15.9	T14	ug/L	64%	40 - 140	11H1868	08/11/11 03:26
Phenanthrene	25.0	18.8	T14	ug/L	75%	40 - 140	11H1868	08/11/11 03:26
Pyrene	25.0	20.1	T14	ug/L	80%	40 - 140	11H1868	08/11/11 03:26

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Total Metals by EPA 6010C								
11H0271-BS1								
Iron	1.00	1.07		mg/L	107%	80 - 120	11H0271	08/03/11 11:58
Manganese	0.500	0.519		mg/L	104%	80 - 120	11H0271	08/03/11 11:58
Dissolved Metals by Method 6010C								
11H0269-BS1								
Iron	1.00	0.987		mg/L	99%	80 - 120	11H0269	08/08/11 12:29
Manganese	0.500	0.495		mg/L	99%	80 - 120	11H0269	08/08/11 12:29
Volatile Organic Compounds by EPA Method 8260B								
11H2130-BS1								
Acetone	250	281		ug/L	112%	70 - 130	11H2130	08/03/11 23:55
Tert-Amyl Methyl Ether	50.0	58.4		ug/L	117%	70 - 130	11H2130	08/03/11 23:55
Benzene	50.0	53.8		ug/L	108%	70 - 130	11H2130	08/03/11 23:55
Bromobenzene	50.0	48.9		ug/L	98%	70 - 130	11H2130	08/03/11 23:55
Bromochloromethane	50.0	55.9		ug/L	112%	70 - 130	11H2130	08/03/11 23:55
Bromodichloromethane	50.0	55.0		ug/L	110%	70 - 130	11H2130	08/03/11 23:55
Bromoform	50.0	50.5		ug/L	101%	70 - 130	11H2130	08/03/11 23:55
Bromomethane	50.0	50.7		ug/L	101%	70 - 130	11H2130	08/03/11 23:55
2-Butanone	250	274		ug/L	109%	70 - 130	11H2130	08/03/11 23:55
tert-Butylbenzene	50.0	51.2		ug/L	102%	70 - 130	11H2130	08/03/11 23:55
n-Butylbenzene	50.0	45.5		ug/L	91%	70 - 130	11H2130	08/03/11 23:55
sec-Butylbenzene	50.0	52.8		ug/L	106%	70 - 130	11H2130	08/03/11 23:55
Carbon disulfide	50.0	51.0		ug/L	102%	70 - 130	11H2130	08/03/11 23:55
Carbon Tetrachloride	50.0	58.0		ug/L	116%	70 - 130	11H2130	08/03/11 23:55
Chlorobenzene	50.0	51.1		ug/L	102%	70 - 130	11H2130	08/03/11 23:55
Chlorodibromomethane	50.0	50.8		ug/L	102%	70 - 130	11H2130	08/03/11 23:55
Chloroethane	50.0	48.7		ug/L	97%	70 - 130	11H2130	08/03/11 23:55
Chloroform	50.0	55.9		ug/L	112%	70 - 130	11H2130	08/03/11 23:55
Chloromethane	50.0	43.6		ug/L	87%	70 - 130	11H2130	08/03/11 23:55
2-Chlorotoluene	50.0	49.8		ug/L	100%	70 - 130	11H2130	08/03/11 23:55
4-Chlorotoluene	50.0	51.1		ug/L	102%	70 - 130	11H2130	08/03/11 23:55
1,2-Dibromo-3-chloropropane	50.0	47.0		ug/L	94%	70 - 130	11H2130	08/03/11 23:55
1,2-Dibromoethane (EDB)	50.0	55.4		ug/L	111%	70 - 130	11H2130	08/03/11 23:55
Dibromomethane	50.0	53.3		ug/L	107%	70 - 130	11H2130	08/03/11 23:55
1,2-Dichlorobenzene	50.0	50.2		ug/L	100%	70 - 130	11H2130	08/03/11 23:55
1,3-Dichlorobenzene	50.0	50.8		ug/L	102%	70 - 130	11H2130	08/03/11 23:55
1,4-Dichlorobenzene	50.0	49.8		ug/L	100%	70 - 130	11H2130	08/03/11 23:55
Dichlorodifluoromethane	50.0	42.6		ug/L	85%	70 - 130	11H2130	08/03/11 23:55
1,2-Dichloroethane	50.0	54.5		ug/L	109%	70 - 130	11H2130	08/03/11 23:55
1,1-Dichloroethane	50.0	54.0		ug/L	108%	70 - 130	11H2130	08/03/11 23:55
1,1-Dichloroethene	50.0	50.1		ug/L	100%	70 - 130	11H2130	08/03/11 23:55

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11H2130-BS1								
trans-1,2-Dichloroethene	50.0	53.1		ug/L	106%	70 - 130	11H2130	08/03/11 23:55
cis-1,2-Dichloroethene	50.0	53.2		ug/L	106%	70 - 130	11H2130	08/03/11 23:55
1,3-Dichloropropane	50.0	52.3		ug/L	105%	70 - 130	11H2130	08/03/11 23:55
2,2-Dichloropropane	50.0	52.0		ug/L	104%	70 - 130	11H2130	08/03/11 23:55
1,2-Dichloropropane	50.0	51.2		ug/L	102%	70 - 130	11H2130	08/03/11 23:55
trans-1,3-Dichloropropene	50.0	49.3		ug/L	99%	70 - 130	11H2130	08/03/11 23:55
1,1-Dichloropropene	50.0	54.8		ug/L	110%	70 - 130	11H2130	08/03/11 23:55
cis-1,3-Dichloropropene	50.0	54.5		ug/L	109%	70 - 130	11H2130	08/03/11 23:55
Diethyl ether	50.0	53.5		ug/L	107%	70 - 130	11H2130	08/03/11 23:55
1,4-Dioxane	5000	5600		ug/L	112%	70 - 130	11H2130	08/03/11 23:55
Ethylbenzene	50.0	53.6		ug/L	107%	70 - 130	11H2130	08/03/11 23:55
Ethyl tert-Butyl Ether	50.0	55.5		ug/L	111%	70 - 130	11H2130	08/03/11 23:55
Hexachlorobutadiene	50.0	53.1		ug/L	106%	70 - 130	11H2130	08/03/11 23:55
2-Hexanone	250	283		ug/L	113%	70 - 130	11H2130	08/03/11 23:55
Isopropylbenzene	50.0	59.6		ug/L	119%	70 - 130	11H2130	08/03/11 23:55
Diisopropyl Ether	50.0	52.0		ug/L	104%	70 - 130	11H2130	08/03/11 23:55
p-Isopropyltoluene	50.0	50.9		ug/L	102%	70 - 130	11H2130	08/03/11 23:55
Methyl tert-Butyl Ether	50.0	57.6		ug/L	115%	70 - 130	11H2130	08/03/11 23:55
Methylene Chloride	50.0	54.0		ug/L	108%	70 - 130	11H2130	08/03/11 23:55
4-Methyl-2-pentanone	250	241		ug/L	97%	70 - 130	11H2130	08/03/11 23:55
Naphthalene	50.0	49.6		ug/L	99%	70 - 130	11H2130	08/03/11 23:55
n-Propylbenzene	50.0	52.0		ug/L	104%	70 - 130	11H2130	08/03/11 23:55
Styrene	50.0	54.4		ug/L	109%	70 - 130	11H2130	08/03/11 23:55
1,1,2,2-Tetrachloroethane	50.0	49.0		ug/L	98%	70 - 130	11H2130	08/03/11 23:55
1,1,1,2-Tetrachloroethane	50.0	56.2		ug/L	112%	70 - 130	11H2130	08/03/11 23:55
Tetrachloroethene	50.0	50.2		ug/L	100%	70 - 130	11H2130	08/03/11 23:55
Tetrahydrofuran	500	547		ug/L	109%	70 - 130	11H2130	08/03/11 23:55
Toluene	50.0	47.5		ug/L	95%	70 - 130	11H2130	08/03/11 23:55
1,2,4-Trichlorobenzene	50.0	52.7		ug/L	105%	70 - 130	11H2130	08/03/11 23:55
1,2,3-Trichlorobenzene	50.0	48.4		ug/L	97%	70 - 130	11H2130	08/03/11 23:55
1,1,1-Trichloroethane	50.0	56.1		ug/L	112%	70 - 130	11H2130	08/03/11 23:55
1,1,2-Trichloroethane	50.0	52.9		ug/L	106%	70 - 130	11H2130	08/03/11 23:55
Trichloroethene	50.0	53.6		ug/L	107%	70 - 130	11H2130	08/03/11 23:55
Trichlorofluoromethane	50.0	45.9		ug/L	92%	70 - 130	11H2130	08/03/11 23:55
1,2,3-Trichloropropane	50.0	50.5		ug/L	101%	70 - 130	11H2130	08/03/11 23:55
1,3,5-Trimethylbenzene	50.0	51.4		ug/L	103%	70 - 130	11H2130	08/03/11 23:55
1,2,4-Trimethylbenzene	50.0	51.8		ug/L	104%	70 - 130	11H2130	08/03/11 23:55
Vinyl chloride	50.0	48.0		ug/L	96%	70 - 130	11H2130	08/03/11 23:55
Xylenes, total	150	161		ug/L	108%	70 - 130	11H2130	08/03/11 23:55
1,1,2-Trifluorotrichloroethane	50.0	53.2		ug/L	106%	73 - 134	11H2130	08/03/11 23:55
Surrogate: 1,2-Dichloroethane-d4	25.0	25.6			102%	70 - 130	11H2130	08/03/11 23:55

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11H2130-BS1								
Surrogate: Dibromofluoromethane	25.0	25.8			103%	70 - 130	11H2130	08/03/11 23:55
Surrogate: Toluene-d8	25.0	22.6			90%	70 - 130	11H2130	08/03/11 23:55
Surrogate: 4-Bromofluorobenzene	25.0	25.6			102%	70 - 130	11H2130	08/03/11 23:55
11H2161-BS1								
Acetone	250	228		ug/L	91%	70 - 130	11H2161	08/05/11 14:12
Tert-Amyl Methyl Ether	50.0	52.4		ug/L	105%	70 - 130	11H2161	08/05/11 14:12
Benzene	50.0	52.0		ug/L	104%	70 - 130	11H2161	08/05/11 14:12
Bromobenzene	50.0	50.0		ug/L	100%	70 - 130	11H2161	08/05/11 14:12
Bromochloromethane	50.0	52.9		ug/L	106%	70 - 130	11H2161	08/05/11 14:12
Bromodichloromethane	50.0	52.8		ug/L	106%	70 - 130	11H2161	08/05/11 14:12
Bromoform	50.0	49.0		ug/L	98%	70 - 130	11H2161	08/05/11 14:12
Bromomethane	50.0	54.9		ug/L	110%	70 - 130	11H2161	08/05/11 14:12
2-Butanone	250	237		ug/L	95%	70 - 130	11H2161	08/05/11 14:12
tert-Butylbenzene	50.0	53.2		ug/L	106%	70 - 130	11H2161	08/05/11 14:12
n-Butylbenzene	50.0	46.6		ug/L	93%	70 - 130	11H2161	08/05/11 14:12
sec-Butylbenzene	50.0	52.8		ug/L	106%	70 - 130	11H2161	08/05/11 14:12
Carbon disulfide	50.0	52.4		ug/L	105%	70 - 130	11H2161	08/05/11 14:12
Carbon Tetrachloride	50.0	55.0		ug/L	110%	70 - 130	11H2161	08/05/11 14:12
Chlorobenzene	50.0	51.3		ug/L	103%	70 - 130	11H2161	08/05/11 14:12
Chlorodibromomethane	50.0	49.9		ug/L	100%	70 - 130	11H2161	08/05/11 14:12
Chloroethane	50.0	46.3		ug/L	93%	70 - 130	11H2161	08/05/11 14:12
Chloroform	50.0	53.2		ug/L	106%	70 - 130	11H2161	08/05/11 14:12
Chloromethane	50.0	37.4		ug/L	75%	70 - 130	11H2161	08/05/11 14:12
2-Chlorotoluene	50.0	51.4		ug/L	103%	70 - 130	11H2161	08/05/11 14:12
4-Chlorotoluene	50.0	54.0		ug/L	108%	70 - 130	11H2161	08/05/11 14:12
1,2-Dibromo-3-chloropropane	50.0	46.6		ug/L	93%	70 - 130	11H2161	08/05/11 14:12
1,2-Dibromoethane (EDB)	50.0	53.5		ug/L	107%	70 - 130	11H2161	08/05/11 14:12
Dibromomethane	50.0	48.8		ug/L	98%	70 - 130	11H2161	08/05/11 14:12
1,2-Dichlorobenzene	50.0	52.9		ug/L	106%	70 - 130	11H2161	08/05/11 14:12
1,3-Dichlorobenzene	50.0	53.0		ug/L	106%	70 - 130	11H2161	08/05/11 14:12
1,4-Dichlorobenzene	50.0	53.4		ug/L	107%	70 - 130	11H2161	08/05/11 14:12
Dichlorodifluoromethane	50.0	32.5	L2	ug/L	65%	70 - 130	11H2161	08/05/11 14:12
1,2-Dichloroethane	50.0	49.2		ug/L	98%	70 - 130	11H2161	08/05/11 14:12
1,1-Dichloroethane	50.0	53.0		ug/L	106%	70 - 130	11H2161	08/05/11 14:12
1,1-Dichloroethene	50.0	51.7		ug/L	103%	70 - 130	11H2161	08/05/11 14:12
trans-1,2-Dichloroethene	50.0	52.0		ug/L	104%	70 - 130	11H2161	08/05/11 14:12
cis-1,2-Dichloroethene	50.0	52.2		ug/L	104%	70 - 130	11H2161	08/05/11 14:12
1,3-Dichloropropane	50.0	51.3		ug/L	103%	70 - 130	11H2161	08/05/11 14:12
2,2-Dichloropropane	50.0	62.4		ug/L	125%	70 - 130	11H2161	08/05/11 14:12
1,2-Dichloropropane	50.0	48.6		ug/L	97%	70 - 130	11H2161	08/05/11 14:12

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11H2161-BS1								
trans-1,3-Dichloropropene	50.0	50.8		ug/L	102%	70 - 130	11H2161	08/05/11 14:12
1,1-Dichloropropene	50.0	51.8		ug/L	104%	70 - 130	11H2161	08/05/11 14:12
cis-1,3-Dichloropropene	50.0	69.4	L1	ug/L	139%	70 - 130	11H2161	08/05/11 14:12
Diethyl ether	50.0	51.3		ug/L	103%	70 - 130	11H2161	08/05/11 14:12
1,4-Dioxane	5000	4430		ug/L	89%	70 - 130	11H2161	08/05/11 14:12
Ethylbenzene	50.0	53.2		ug/L	106%	70 - 130	11H2161	08/05/11 14:12
Ethyl tert-Butyl Ether	50.0	50.5		ug/L	101%	70 - 130	11H2161	08/05/11 14:12
Hexachlorobutadiene	50.0	54.3		ug/L	109%	70 - 130	11H2161	08/05/11 14:12
2-Hexanone	250	260		ug/L	104%	70 - 130	11H2161	08/05/11 14:12
Isopropylbenzene	50.0	57.9		ug/L	116%	70 - 130	11H2161	08/05/11 14:12
Diisopropyl Ether	50.0	50.3		ug/L	101%	70 - 130	11H2161	08/05/11 14:12
p-Isopropyltoluene	50.0	53.3		ug/L	107%	70 - 130	11H2161	08/05/11 14:12
Methyl tert-Butyl Ether	50.0	52.0		ug/L	104%	70 - 130	11H2161	08/05/11 14:12
Methylene Chloride	50.0	54.0		ug/L	108%	70 - 130	11H2161	08/05/11 14:12
4-Methyl-2-pentanone	250	268		ug/L	107%	70 - 130	11H2161	08/05/11 14:12
Naphthalene	50.0	47.5		ug/L	95%	70 - 130	11H2161	08/05/11 14:12
n-Propylbenzene	50.0	52.8		ug/L	106%	70 - 130	11H2161	08/05/11 14:12
Styrene	50.0	54.2		ug/L	108%	70 - 130	11H2161	08/05/11 14:12
1,1,2,2-Tetrachloroethane	50.0	50.1		ug/L	100%	70 - 130	11H2161	08/05/11 14:12
1,1,1,2-Tetrachloroethane	50.0	55.9		ug/L	112%	70 - 130	11H2161	08/05/11 14:12
Tetrachloroethene	50.0	53.4		ug/L	107%	70 - 130	11H2161	08/05/11 14:12
Tetrahydrofuran	500	479		ug/L	96%	70 - 130	11H2161	08/05/11 14:12
Toluene	50.0	51.1		ug/L	102%	70 - 130	11H2161	08/05/11 14:12
1,2,4-Trichlorobenzene	50.0	53.6		ug/L	107%	70 - 130	11H2161	08/05/11 14:12
1,2,3-Trichlorobenzene	50.0	47.8		ug/L	96%	70 - 130	11H2161	08/05/11 14:12
1,1,1-Trichloroethane	50.0	53.7		ug/L	107%	70 - 130	11H2161	08/05/11 14:12
1,1,2-Trichloroethane	50.0	51.8		ug/L	104%	70 - 130	11H2161	08/05/11 14:12
Trichloroethene	50.0	50.9		ug/L	102%	70 - 130	11H2161	08/05/11 14:12
Trichlorofluoromethane	50.0	44.4		ug/L	89%	70 - 130	11H2161	08/05/11 14:12
1,2,3-Trichloropropane	50.0	49.4		ug/L	99%	70 - 130	11H2161	08/05/11 14:12
1,3,5-Trimethylbenzene	50.0	53.4		ug/L	107%	70 - 130	11H2161	08/05/11 14:12
1,2,4-Trimethylbenzene	50.0	53.7		ug/L	107%	70 - 130	11H2161	08/05/11 14:12
Vinyl chloride	50.0	44.4		ug/L	89%	70 - 130	11H2161	08/05/11 14:12
Xylenes, total	150	161		ug/L	107%	70 - 130	11H2161	08/05/11 14:12
1,1,2-Trifluorotrichloroethane	50.0	54.8		ug/L	110%	73 - 134	11H2161	08/05/11 14:12
Surrogate: 1,2-Dichloroethane-d4	25.0	24.2			97%	70 - 130	11H2161	08/05/11 14:12
Surrogate: Dibromofluoromethane	25.0	24.4			98%	70 - 130	11H2161	08/05/11 14:12
Surrogate: Toluene-d8	25.0	25.9			104%	70 - 130	11H2161	08/05/11 14:12
Surrogate: 4-Bromofluorobenzene	25.0	25.0			100%	70 - 130	11H2161	08/05/11 14:12
11H2173-BS1								

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11H2173-BS1								
Acetone	250	259		ug/L	104%	70 - 130	11H2173	08/08/11 16:25
Tert-Amyl Methyl Ether	50.0	40.0		ug/L	80%	70 - 130	11H2173	08/08/11 16:25
Benzene	50.0	54.3		ug/L	109%	70 - 130	11H2173	08/08/11 16:25
Bromobenzene	50.0	46.7		ug/L	93%	70 - 130	11H2173	08/08/11 16:25
Bromochloromethane	50.0	66.1	L1	ug/L	132%	70 - 130	11H2173	08/08/11 16:25
Bromodichloromethane	50.0	49.4		ug/L	99%	70 - 130	11H2173	08/08/11 16:25
Bromoform	50.0	49.0		ug/L	98%	70 - 130	11H2173	08/08/11 16:25
Bromomethane	50.0	65.3	L1	ug/L	131%	70 - 130	11H2173	08/08/11 16:25
2-Butanone	250	255		ug/L	102%	70 - 130	11H2173	08/08/11 16:25
tert-Butylbenzene	50.0	53.7		ug/L	107%	70 - 130	11H2173	08/08/11 16:25
n-Butylbenzene	50.0	56.8		ug/L	114%	70 - 130	11H2173	08/08/11 16:25
sec-Butylbenzene	50.0	54.3		ug/L	109%	70 - 130	11H2173	08/08/11 16:25
Carbon disulfide	50.0	60.8		ug/L	122%	70 - 130	11H2173	08/08/11 16:25
Carbon Tetrachloride	50.0	54.4		ug/L	109%	70 - 130	11H2173	08/08/11 16:25
Chlorobenzene	50.0	54.5		ug/L	109%	70 - 130	11H2173	08/08/11 16:25
Chlorodibromomethane	50.0	54.6		ug/L	109%	70 - 130	11H2173	08/08/11 16:25
Chloroethane	50.0	59.0		ug/L	118%	70 - 130	11H2173	08/08/11 16:25
Chloroform	50.0	58.3		ug/L	117%	70 - 130	11H2173	08/08/11 16:25
Chloromethane	50.0	44.9		ug/L	90%	70 - 130	11H2173	08/08/11 16:25
2-Chlorotoluene	50.0	49.0		ug/L	98%	70 - 130	11H2173	08/08/11 16:25
4-Chlorotoluene	50.0	50.5		ug/L	101%	70 - 130	11H2173	08/08/11 16:25
1,2-Dibromo-3-chloropropane	50.0	40.4		ug/L	81%	70 - 130	11H2173	08/08/11 16:25
1,2-Dibromoethane (EDB)	50.0	56.9		ug/L	114%	70 - 130	11H2173	08/08/11 16:25
Dibromomethane	50.0	52.8		ug/L	106%	70 - 130	11H2173	08/08/11 16:25
1,2-Dichlorobenzene	50.0	53.1		ug/L	106%	70 - 130	11H2173	08/08/11 16:25
1,3-Dichlorobenzene	50.0	52.6		ug/L	105%	70 - 130	11H2173	08/08/11 16:25
1,4-Dichlorobenzene	50.0	52.6		ug/L	105%	70 - 130	11H2173	08/08/11 16:25
Dichlorodifluoromethane	50.0	53.6		ug/L	107%	70 - 130	11H2173	08/08/11 16:25
1,2-Dichloroethane	50.0	49.2		ug/L	98%	70 - 130	11H2173	08/08/11 16:25
1,1-Dichloroethane	50.0	50.6		ug/L	101%	70 - 130	11H2173	08/08/11 16:25
1,1-Dichloroethene	50.0	58.0		ug/L	116%	70 - 130	11H2173	08/08/11 16:25
trans-1,2-Dichloroethene	50.0	51.4		ug/L	103%	70 - 130	11H2173	08/08/11 16:25
cis-1,2-Dichloroethene	50.0	52.3		ug/L	105%	70 - 130	11H2173	08/08/11 16:25
1,3-Dichloropropane	50.0	50.6		ug/L	101%	70 - 130	11H2173	08/08/11 16:25
2,2-Dichloropropane	50.0	53.2		ug/L	106%	70 - 130	11H2173	08/08/11 16:25
1,2-Dichloropropane	50.0	48.0		ug/L	96%	70 - 130	11H2173	08/08/11 16:25
trans-1,3-Dichloropropene	50.0	46.0		ug/L	92%	70 - 130	11H2173	08/08/11 16:25
1,1-Dichloropropene	50.0	54.2		ug/L	108%	70 - 130	11H2173	08/08/11 16:25
cis-1,3-Dichloropropene	50.0	50.4		ug/L	101%	70 - 130	11H2173	08/08/11 16:25
Diethyl ether	50.0	50.8		ug/L	102%	70 - 130	11H2173	08/08/11 16:25
1,4-Dioxane	5000	5640		ug/L	113%	70 - 130	11H2173	08/08/11 16:25

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11H2173-BS1								
Ethylbenzene	50.0	55.8		ug/L	112%	70 - 130	11H2173	08/08/11 16:25
Ethyl tert-Butyl Ether	50.0	35.6		ug/L	71%	70 - 130	11H2173	08/08/11 16:25
Hexachlorobutadiene	50.0	52.0		ug/L	104%	70 - 130	11H2173	08/08/11 16:25
2-Hexanone	250	238		ug/L	95%	70 - 130	11H2173	08/08/11 16:25
Isopropylbenzene	50.0	63.1		ug/L	126%	70 - 130	11H2173	08/08/11 16:25
Diisopropyl Ether	50.0	48.3		ug/L	97%	70 - 130	11H2173	08/08/11 16:25
p-Isopropyltoluene	50.0	52.9		ug/L	106%	70 - 130	11H2173	08/08/11 16:25
Methyl tert-Butyl Ether	50.0	42.1		ug/L	84%	70 - 130	11H2173	08/08/11 16:25
Methylene Chloride	50.0	61.6		ug/L	123%	70 - 130	11H2173	08/08/11 16:25
4-Methyl-2-pentanone	250	247		ug/L	99%	70 - 130	11H2173	08/08/11 16:25
Naphthalene	50.0	51.1		ug/L	102%	70 - 130	11H2173	08/08/11 16:25
n-Propylbenzene	50.0	51.8		ug/L	104%	70 - 130	11H2173	08/08/11 16:25
Styrene	50.0	59.3		ug/L	119%	70 - 130	11H2173	08/08/11 16:25
1,1,2,2-Tetrachloroethane	50.0	49.0		ug/L	98%	70 - 130	11H2173	08/08/11 16:25
1,1,1,2-Tetrachloroethane	50.0	54.3		ug/L	109%	70 - 130	11H2173	08/08/11 16:25
Tetrachloroethene	50.0	55.2		ug/L	110%	70 - 130	11H2173	08/08/11 16:25
Tetrahydrofuran	500	480		ug/L	96%	70 - 130	11H2173	08/08/11 16:25
Toluene	50.0	55.8		ug/L	112%	70 - 130	11H2173	08/08/11 16:25
1,2,4-Trichlorobenzene	50.0	52.5		ug/L	105%	70 - 130	11H2173	08/08/11 16:25
1,2,3-Trichlorobenzene	50.0	50.2		ug/L	100%	70 - 130	11H2173	08/08/11 16:25
1,1,1-Trichloroethane	50.0	54.0		ug/L	108%	70 - 130	11H2173	08/08/11 16:25
1,1,2-Trichloroethane	50.0	54.2		ug/L	108%	70 - 130	11H2173	08/08/11 16:25
Trichloroethene	50.0	57.4		ug/L	115%	70 - 130	11H2173	08/08/11 16:25
Trichlorofluoromethane	50.0	56.3		ug/L	113%	70 - 130	11H2173	08/08/11 16:25
1,2,3-Trichloropropane	50.0	47.2		ug/L	94%	70 - 130	11H2173	08/08/11 16:25
1,3,5-Trimethylbenzene	50.0	52.8		ug/L	106%	70 - 130	11H2173	08/08/11 16:25
1,2,4-Trimethylbenzene	50.0	52.4		ug/L	105%	70 - 130	11H2173	08/08/11 16:25
Vinyl chloride	50.0	52.5		ug/L	105%	70 - 130	11H2173	08/08/11 16:25
Xylenes, total	150	170		ug/L	114%	70 - 130	11H2173	08/08/11 16:25
1,1,2-Trifluorotrichloroethane	50.0	60.9		ug/L	122%	73 - 134	11H2173	08/08/11 16:25
Surrogate: 1,2-Dichloroethane-d4	25.0	23.5			94%	70 - 130	11H2173	08/08/11 16:25
Surrogate: Dibromofluoromethane	25.0	26.4			106%	70 - 130	11H2173	08/08/11 16:25
Surrogate: Toluene-d8	25.0	25.2			101%	70 - 130	11H2173	08/08/11 16:25
Surrogate: 4-Bromofluorobenzene	25.0	21.3			85%	70 - 130	11H2173	08/08/11 16:25

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters												
11H0517-BSD1												
Alkalinity, Total (CaCO3)		100		mg/L	100	100%	90 - 110	6	20	11H0517		08/02/11 22:03
11H0519-BSD1												
Alkalinity, Total (CaCO3)		98.5		mg/L	100	98%	90 - 110	9	20	11H0519		08/03/11 01:53
11H0642-BSD1												
Chemical Oxygen Demand		20.8		mg/L	20.0	104%	90 - 110	1	10	11H0642		08/04/11 08:03
11H3119-BSD1												
Total Organic Carbon		10.6		mg/L	10.0	106%	90 - 110	2	20	11H3119		08/12/11 16:23
MADEP VPH												
11H0339-BSD1												
Methyl tert-Butyl Ether		86.5		ug/L	100	87%	70 - 130	0.8	25	11H0339		08/02/11 10:57
Benzene		102		ug/L	100	102%	70 - 130	2	25	11H0339		08/02/11 10:57
Toluene		101		ug/L	100	101%	70 - 130	2	25	11H0339		08/02/11 10:57
Ethylbenzene		102		ug/L	100	102%	70 - 130	2	25	11H0339		08/02/11 10:57
m,p-Xylene		206		ug/L	200	103%	70 - 130	1	25	11H0339		08/02/11 10:57
o-Xylene		101		ug/L	100	101%	70 - 130	1	25	11H0339		08/02/11 10:57
Naphthalene		93.7		ug/L	100	94%	70 - 130	7	25	11H0339		08/02/11 10:57
C5 - C8 Aliphatic Hydrocarbons, Unadjusted		345		ug/L	300	115%	70 - 130	6	25	11H0339		08/02/11 10:57
C9 - C12 Aliphatic Hydrocarbons, Unadjusted		218		ug/L	200	109%	70 - 130	21	25	11H0339		08/02/11 10:57
C9 - C10 Aromatic Hydrocarbons		104		ug/L	100	104%	70 - 130	2	25	11H0339		08/02/11 10:57
Surrogate: 2,5-Dibromotoluene (FID)		41.8		ug/L	40.0	105%	70 - 130			11H0339		08/02/11 10:57
Surrogate: 2,5-Dibromotoluene (PID)		37.8		ug/L	40.0	95%	70 - 130			11H0339		08/02/11 10:57
11H0635-BSD1												
Methyl tert-Butyl Ether		85.6		ug/L	100	86%	70 - 130	0.7	25	11H0635		08/03/11 11:19
Benzene		99.1		ug/L	100	99%	70 - 130	3	25	11H0635		08/03/11 11:19
Toluene		97.5		ug/L	100	97%	70 - 130	2	25	11H0635		08/03/11 11:19
Ethylbenzene		98.5		ug/L	100	98%	70 - 130	3	25	11H0635		08/03/11 11:19
m,p-Xylene		199		ug/L	200	100%	70 - 130	3	25	11H0635		08/03/11 11:19
o-Xylene		98.5		ug/L	100	99%	70 - 130	2	25	11H0635		08/03/11 11:19
Naphthalene		93.6		ug/L	100	94%	70 - 130	5	25	11H0635		08/03/11 11:19
C5 - C8 Aliphatic Hydrocarbons, Unadjusted		324		ug/L	300	108%	70 - 130	6	25	11H0635		08/03/11 11:19
C9 - C12 Aliphatic Hydrocarbons, Unadjusted		211		ug/L	200	106%	70 - 130	1	25	11H0635		08/03/11 11:19
C9 - C10 Aromatic Hydrocarbons		101		ug/L	100	101%	70 - 130	2	25	11H0635		08/03/11 11:19
Surrogate: 2,5-Dibromotoluene (FID)		45.1		ug/L	40.0	113%	70 - 130			11H0635		08/03/11 11:19
Surrogate: 2,5-Dibromotoluene (PID)		39.3		ug/L	40.0	98%	70 - 130			11H0635		08/03/11 11:19
11H0919-BSD1												
Methyl tert-Butyl Ether		97.6		ug/L	100	98%	70 - 130	5	25	11H0919		08/04/11 13:21

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
MADEP VPH												
11H0919-BSD1												
Benzene		97.9		ug/L	100	98%	70 - 130	4	25	11H0919		08/04/11 13:21
Toluene		95.6		ug/L	100	96%	70 - 130	4	25	11H0919		08/04/11 13:21
Ethylbenzene		98.7		ug/L	100	99%	70 - 130	4	25	11H0919		08/04/11 13:21
m,p-Xylene		199		ug/L	200	99%	70 - 130	5	25	11H0919		08/04/11 13:21
o-Xylene		97.9		ug/L	100	98%	70 - 130	5	25	11H0919		08/04/11 13:21
Naphthalene		101		ug/L	100	101%	70 - 130	5	25	11H0919		08/04/11 13:21
C5 - C8 Aliphatic Hydrocarbons, Unadjusted		305		ug/L	300	102%	70 - 130	5	25	11H0919		08/04/11 13:21
C9 - C12 Aliphatic Hydrocarbons, Unadjusted		213		ug/L	200	107%	70 - 130	4	25	11H0919		08/04/11 13:21
C9 - C10 Aromatic Hydrocarbons		100		ug/L	100	100%	70 - 130	4	25	11H0919		08/04/11 13:21
Surrogate: 2,5-Dibromotoluene (FID)		40.3		ug/L	40.0	101%	70 - 130			11H0919		08/04/11 13:21
Surrogate: 2,5-Dibromotoluene (PID)		39.9		ug/L	40.0	100%	70 - 130			11H0919		08/04/11 13:21
MADEP EPH												
11H1868-BSD1												
C9 - C18 Aliphatic Hydrocarbons		98.7		ug/L	150	66%	40 - 140	9	25	11H1868		08/09/11 18:20
C19 - C36 Aliphatic Hydrocarbons		166		ug/L	200	83%	40 - 140	6	25	11H1868		08/09/11 18:20
C11 - C22 Aromatic Hydrocarbons, Unadjuste		378		ug/L	425	89%	40 - 140	0.1	25	11H1868		08/09/11 18:50
Surrogate: 1-Chlorooctadecane		32.4		ug/L	40.0	81%	40 - 140			11H1868		08/09/11 18:20
Surrogate: o-Terphenyl		39.8		ug/L	40.0	99%	40 - 140			11H1868		08/09/11 18:50
Surrogate: 2-Bromonaphthalene		39.1		ug/L	40.0	98%	40 - 140			11H1868		08/09/11 18:50
Surrogate: 2-Fluorobiphenyl		42.6		ug/L	40.0	106%	40 - 140			11H1868		08/09/11 18:50
11H1868-BSD2												
2-Methylnaphthalene		15.3	T14	ug/L	25.0	61%	40 - 140	4	25	11H1868		08/11/11 03:45
Acenaphthene		15.9	T14	ug/L	25.0	64%	40 - 140	4	25	11H1868		08/11/11 03:45
Acenaphthylene		16.5	T14	ug/L	25.0	66%	40 - 140	5	25	11H1868		08/11/11 03:45
Anthracene		18.3	T14	ug/L	25.0	73%	40 - 140	4	25	11H1868		08/11/11 03:45
Benzo (a) anthracene		18.0	T14	ug/L	25.0	72%	40 - 140	4	25	11H1868		08/11/11 03:45
Benzo (a) pyrene		19.3	T14	ug/L	25.0	77%	40 - 140	4	25	11H1868		08/11/11 03:45
Benzo (b) fluoranthene		18.4	T14	ug/L	25.0	73%	40 - 140	8	25	11H1868		08/11/11 03:45
Benzo (g,h,i) perylene		17.3	T14	ug/L	25.0	69%	40 - 140	4	25	11H1868		08/11/11 03:45
Benzo (k) fluoranthene		17.5	T14	ug/L	25.0	70%	40 - 140	3	25	11H1868		08/11/11 03:45
Chrysene		18.8	T14	ug/L	25.0	75%	40 - 140	2	25	11H1868		08/11/11 03:45
Dibenz (a,h) anthracene		17.7	T14	ug/L	25.0	71%	40 - 140	3	25	11H1868		08/11/11 03:45
Fluoranthene		18.6	T14	ug/L	25.0	74%	40 - 140	3	25	11H1868		08/11/11 03:45
Fluorene		16.8	T14	ug/L	25.0	67%	40 - 140	7	25	11H1868		08/11/11 03:45
Indeno (1,2,3-cd) pyrene		17.3	T14	ug/L	25.0	69%	40 - 140	3	25	11H1868		08/11/11 03:45
Naphthalene		15.6	T14	ug/L	25.0	62%	40 - 140	2	25	11H1868		08/11/11 03:45
Phenanthrene		18.7	T14	ug/L	25.0	75%	40 - 140	0.5	25	11H1868		08/11/11 03:45
Pyrene		19.9	T14	ug/L	25.0	79%	40 - 140	1	25	11H1868		08/11/11 03:45

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11H2130-BSD1												
Acetone		308		ug/L	250	123%	70 - 130	9	25	11H2130		08/04/11 00:24
Tert-Amyl Methyl Ether		59.4		ug/L	50.0	119%	70 - 130	2	25	11H2130		08/04/11 00:24
Benzene		56.6		ug/L	50.0	113%	70 - 130	5	25	11H2130		08/04/11 00:24
Bromobenzene		50.3		ug/L	50.0	101%	70 - 130	3	25	11H2130		08/04/11 00:24
Bromochloromethane		58.0		ug/L	50.0	116%	70 - 130	4	25	11H2130		08/04/11 00:24
Bromodichloromethane		58.4		ug/L	50.0	117%	70 - 130	6	25	11H2130		08/04/11 00:24
Bromoform		52.4		ug/L	50.0	105%	70 - 130	4	25	11H2130		08/04/11 00:24
Bromomethane		57.8		ug/L	50.0	116%	70 - 130	13	25	11H2130		08/04/11 00:24
2-Butanone		292		ug/L	250	117%	70 - 130	6	25	11H2130		08/04/11 00:24
tert-Butylbenzene		53.6		ug/L	50.0	107%	70 - 130	5	25	11H2130		08/04/11 00:24
n-Butylbenzene		48.5		ug/L	50.0	97%	70 - 130	6	25	11H2130		08/04/11 00:24
sec-Butylbenzene		55.4		ug/L	50.0	111%	70 - 130	5	25	11H2130		08/04/11 00:24
Carbon disulfide		54.7		ug/L	50.0	109%	70 - 130	7	25	11H2130		08/04/11 00:24
Carbon Tetrachloride		60.1		ug/L	50.0	120%	70 - 130	4	25	11H2130		08/04/11 00:24
Chlorobenzene		53.1		ug/L	50.0	106%	70 - 130	4	25	11H2130		08/04/11 00:24
Chlorodibromomethane		53.1		ug/L	50.0	106%	70 - 130	5	25	11H2130		08/04/11 00:24
Chloroethane		51.9		ug/L	50.0	104%	70 - 130	6	25	11H2130		08/04/11 00:24
Chloroform		59.0		ug/L	50.0	118%	70 - 130	5	25	11H2130		08/04/11 00:24
Chloromethane		48.5		ug/L	50.0	97%	70 - 130	11	25	11H2130		08/04/11 00:24
2-Chlorotoluene		52.3		ug/L	50.0	105%	70 - 130	5	25	11H2130		08/04/11 00:24
4-Chlorotoluene		53.5		ug/L	50.0	107%	70 - 130	5	25	11H2130		08/04/11 00:24
1,2-Dibromo-3-chloropropane		48.6		ug/L	50.0	97%	70 - 130	3	25	11H2130		08/04/11 00:24
1,2-Dibromoethane (EDB)		57.2		ug/L	50.0	114%	70 - 130	3	25	11H2130		08/04/11 00:24
Dibromomethane		56.6		ug/L	50.0	113%	70 - 130	6	25	11H2130		08/04/11 00:24
1,2-Dichlorobenzene		53.1		ug/L	50.0	106%	70 - 130	6	25	11H2130		08/04/11 00:24
1,3-Dichlorobenzene		52.8		ug/L	50.0	106%	70 - 130	4	25	11H2130		08/04/11 00:24
1,4-Dichlorobenzene		51.9		ug/L	50.0	104%	70 - 130	4	25	11H2130		08/04/11 00:24
Dichlorodifluoromethane		46.9		ug/L	50.0	94%	70 - 130	10	25	11H2130		08/04/11 00:24
1,2-Dichloroethane		56.4		ug/L	50.0	113%	70 - 130	3	25	11H2130		08/04/11 00:24
1,1-Dichloroethane		57.0		ug/L	50.0	114%	70 - 130	6	25	11H2130		08/04/11 00:24
1,1-Dichloroethene		56.3		ug/L	50.0	113%	70 - 130	12	25	11H2130		08/04/11 00:24
trans-1,2-Dichloroethene		56.7		ug/L	50.0	113%	70 - 130	7	25	11H2130		08/04/11 00:24
cis-1,2-Dichloroethene		56.9		ug/L	50.0	114%	70 - 130	7	25	11H2130		08/04/11 00:24
1,3-Dichloropropane		54.1		ug/L	50.0	108%	70 - 130	3	25	11H2130		08/04/11 00:24
2,2-Dichloropropane		55.1		ug/L	50.0	110%	70 - 130	6	25	11H2130		08/04/11 00:24
1,2-Dichloropropane		54.0		ug/L	50.0	108%	70 - 130	5	25	11H2130		08/04/11 00:24
trans-1,3-Dichloropropene		51.6		ug/L	50.0	103%	70 - 130	5	25	11H2130		08/04/11 00:24
1,1-Dichloropropene		56.2		ug/L	50.0	112%	70 - 130	3	25	11H2130		08/04/11 00:24
cis-1,3-Dichloropropene		58.6		ug/L	50.0	117%	70 - 130	7	25	11H2130		08/04/11 00:24
Diethyl ether		56.8		ug/L	50.0	114%	70 - 130	6	25	11H2130		08/04/11 00:24
1,4-Dioxane		5830		ug/L	5000	117%	70 - 130	4	25	11H2130		08/04/11 00:24

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11H2130-BSD1												
Ethylbenzene		55.6		ug/L	50.0	111%	70 - 130	4	25	11H2130		08/04/11 00:24
Ethyl tert-Butyl Ether		57.0		ug/L	50.0	114%	70 - 130	3	25	11H2130		08/04/11 00:24
Hexachlorobutadiene		54.5		ug/L	50.0	109%	70 - 130	3	25	11H2130		08/04/11 00:24
2-Hexanone		297		ug/L	250	119%	70 - 130	5	25	11H2130		08/04/11 00:24
Isopropylbenzene		62.4		ug/L	50.0	125%	70 - 130	5	25	11H2130		08/04/11 00:24
Diisopropyl Ether		54.6		ug/L	50.0	109%	70 - 130	5	25	11H2130		08/04/11 00:24
p-Isopropyltoluene		53.9		ug/L	50.0	108%	70 - 130	6	25	11H2130		08/04/11 00:24
Methyl tert-Butyl Ether		60.1		ug/L	50.0	120%	70 - 130	4	25	11H2130		08/04/11 00:24
Methylene Chloride		58.7		ug/L	50.0	117%	70 - 130	8	25	11H2130		08/04/11 00:24
4-Methyl-2-pentanone		254		ug/L	250	102%	70 - 130	5	25	11H2130		08/04/11 00:24
Naphthalene		49.9		ug/L	50.0	100%	70 - 130	0.7	25	11H2130		08/04/11 00:24
n-Propylbenzene		53.2		ug/L	50.0	106%	70 - 130	2	25	11H2130		08/04/11 00:24
Styrene		56.1		ug/L	50.0	112%	70 - 130	3	25	11H2130		08/04/11 00:24
1,1,2,2-Tetrachloroethane		46.6		ug/L	50.0	93%	70 - 130	5	25	11H2130		08/04/11 00:24
1,1,1,2-Tetrachloroethane		59.0		ug/L	50.0	118%	70 - 130	5	25	11H2130		08/04/11 00:24
Tetrachloroethene		53.7		ug/L	50.0	107%	70 - 130	7	25	11H2130		08/04/11 00:24
Tetrahydrofuran		561		ug/L	500	112%	70 - 130	3	25	11H2130		08/04/11 00:24
Toluene		50.2		ug/L	50.0	100%	70 - 130	5	25	11H2130		08/04/11 00:24
1,2,4-Trichlorobenzene		54.3		ug/L	50.0	109%	70 - 130	3	25	11H2130		08/04/11 00:24
1,2,3-Trichlorobenzene		49.9		ug/L	50.0	100%	70 - 130	3	25	11H2130		08/04/11 00:24
1,1,1-Trichloroethane		59.9		ug/L	50.0	120%	70 - 130	7	25	11H2130		08/04/11 00:24
1,1,2-Trichloroethane		54.7		ug/L	50.0	109%	70 - 130	3	25	11H2130		08/04/11 00:24
Trichloroethene		61.9		ug/L	50.0	124%	70 - 130	14	25	11H2130		08/04/11 00:24
Trichlorofluoromethane		49.0		ug/L	50.0	98%	70 - 130	7	25	11H2130		08/04/11 00:24
1,2,3-Trichloropropane		50.8		ug/L	50.0	102%	70 - 130	0.7	25	11H2130		08/04/11 00:24
1,3,5-Trimethylbenzene		54.3		ug/L	50.0	109%	70 - 130	5	25	11H2130		08/04/11 00:24
1,2,4-Trimethylbenzene		53.6		ug/L	50.0	107%	70 - 130	3	25	11H2130		08/04/11 00:24
Vinyl chloride		53.0		ug/L	50.0	106%	70 - 130	10	25	11H2130		08/04/11 00:24
Xylenes, total		167		ug/L	150	112%	70 - 130	4	25	11H2130		08/04/11 00:24
1,1,2-Trifluorotrichloroethane		57.9		ug/L	50.0	116%	73 - 134	9	17	11H2130		08/04/11 00:24
Surrogate: 1,2-Dichloroethane-d4		24.4		ug/L	25.0	97%	70 - 130			11H2130		08/04/11 00:24
Surrogate: Dibromofluoromethane		25.8		ug/L	25.0	103%	70 - 130			11H2130		08/04/11 00:24
Surrogate: Toluene-d8		22.8		ug/L	25.0	91%	70 - 130			11H2130		08/04/11 00:24
Surrogate: 4-Bromofluorobenzene		25.4		ug/L	25.0	102%	70 - 130			11H2130		08/04/11 00:24
11H2161-BSD1												
Acetone		250		ug/L	250	100%	70 - 130	9	25	11H2161		08/05/11 14:40
Tert-Amyl Methyl Ether		51.8		ug/L	50.0	104%	70 - 130	1	25	11H2161		08/05/11 14:40
Benzene		51.0		ug/L	50.0	102%	70 - 130	2	25	11H2161		08/05/11 14:40
Bromobenzene		49.9		ug/L	50.0	100%	70 - 130	0.2	25	11H2161		08/05/11 14:40
Bromochloromethane		51.0		ug/L	50.0	102%	70 - 130	4	25	11H2161		08/05/11 14:40

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11H2161-BSD1												
Bromodichloromethane		52.3		ug/L	50.0	105%	70 - 130	1	25	11H2161		08/05/11 14:40
Bromoform		49.5		ug/L	50.0	99%	70 - 130	1	25	11H2161		08/05/11 14:40
Bromomethane		54.0		ug/L	50.0	108%	70 - 130	2	25	11H2161		08/05/11 14:40
2-Butanone		256		ug/L	250	102%	70 - 130	8	25	11H2161		08/05/11 14:40
tert-Butylbenzene		52.8		ug/L	50.0	106%	70 - 130	0.7	25	11H2161		08/05/11 14:40
n-Butylbenzene		46.8		ug/L	50.0	94%	70 - 130	0.3	25	11H2161		08/05/11 14:40
sec-Butylbenzene		53.3		ug/L	50.0	107%	70 - 130	1	25	11H2161		08/05/11 14:40
Carbon disulfide		51.5		ug/L	50.0	103%	70 - 130	2	25	11H2161		08/05/11 14:40
Carbon Tetrachloride		53.8		ug/L	50.0	108%	70 - 130	2	25	11H2161		08/05/11 14:40
Chlorobenzene		50.9		ug/L	50.0	102%	70 - 130	0.8	25	11H2161		08/05/11 14:40
Chlorodibromomethane		50.6		ug/L	50.0	101%	70 - 130	1	25	11H2161		08/05/11 14:40
Chloroethane		46.3		ug/L	50.0	93%	70 - 130	0.02	25	11H2161		08/05/11 14:40
Chloroform		52.4		ug/L	50.0	105%	70 - 130	2	25	11H2161		08/05/11 14:40
Chloromethane		37.1		ug/L	50.0	74%	70 - 130	0.9	25	11H2161		08/05/11 14:40
2-Chlorotoluene		51.4		ug/L	50.0	103%	70 - 130	0.04	25	11H2161		08/05/11 14:40
4-Chlorotoluene		53.8		ug/L	50.0	108%	70 - 130	0.3	25	11H2161		08/05/11 14:40
1,2-Dibromo-3-chloropropane		46.0		ug/L	50.0	92%	70 - 130	1	25	11H2161		08/05/11 14:40
1,2-Dibromoethane (EDB)		54.2		ug/L	50.0	108%	70 - 130	1	25	11H2161		08/05/11 14:40
Dibromomethane		48.9		ug/L	50.0	98%	70 - 130	0.1	25	11H2161		08/05/11 14:40
1,2-Dichlorobenzene		52.6		ug/L	50.0	105%	70 - 130	0.7	25	11H2161		08/05/11 14:40
1,3-Dichlorobenzene		53.7		ug/L	50.0	107%	70 - 130	1	25	11H2161		08/05/11 14:40
1,4-Dichlorobenzene		52.8		ug/L	50.0	106%	70 - 130	1	25	11H2161		08/05/11 14:40
Dichlorodifluoromethane		31.8	L2	ug/L	50.0	64%	70 - 130	2	25	11H2161		08/05/11 14:40
1,2-Dichloroethane		50.1		ug/L	50.0	100%	70 - 130	2	25	11H2161		08/05/11 14:40
1,1-Dichloroethane		52.0		ug/L	50.0	104%	70 - 130	2	25	11H2161		08/05/11 14:40
1,1-Dichloroethene		51.3		ug/L	50.0	103%	70 - 130	0.8	25	11H2161		08/05/11 14:40
trans-1,2-Dichloroethene		52.0		ug/L	50.0	104%	70 - 130	0.1	25	11H2161		08/05/11 14:40
cis-1,2-Dichloroethene		53.0		ug/L	50.0	106%	70 - 130	2	25	11H2161		08/05/11 14:40
1,3-Dichloropropane		51.9		ug/L	50.0	104%	70 - 130	1	25	11H2161		08/05/11 14:40
2,2-Dichloropropane		61.6		ug/L	50.0	123%	70 - 130	1	25	11H2161		08/05/11 14:40
1,2-Dichloropropane		47.7		ug/L	50.0	95%	70 - 130	2	25	11H2161		08/05/11 14:40
trans-1,3-Dichloropropene		50.8		ug/L	50.0	102%	70 - 130	0.1	25	11H2161		08/05/11 14:40
1,1-Dichloropropene		51.4		ug/L	50.0	103%	70 - 130	1	25	11H2161		08/05/11 14:40
cis-1,3-Dichloropropene		72.0	L1	ug/L	50.0	144%	70 - 130	4	25	11H2161		08/05/11 14:40
Diethyl ether		51.2		ug/L	50.0	102%	70 - 130	0.2	25	11H2161		08/05/11 14:40
1,4-Dioxane		4590		ug/L	5000	92%	70 - 130	4	25	11H2161		08/05/11 14:40
Ethylbenzene		54.3		ug/L	50.0	109%	70 - 130	2	25	11H2161		08/05/11 14:40
Ethyl tert-Butyl Ether		50.8		ug/L	50.0	102%	70 - 130	0.5	25	11H2161		08/05/11 14:40
Hexachlorobutadiene		53.8		ug/L	50.0	108%	70 - 130	0.8	25	11H2161		08/05/11 14:40
2-Hexanone		275		ug/L	250	110%	70 - 130	6	25	11H2161		08/05/11 14:40
Isopropylbenzene		58.5		ug/L	50.0	117%	70 - 130	1	25	11H2161		08/05/11 14:40

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11H2161-BSD1												
Diisopropyl Ether		50.1		ug/L	50.0	100%	70 - 130	0.4	25	11H2161		08/05/11 14:40
p-Isopropyltoluene		53.4		ug/L	50.0	107%	70 - 130	0.2	25	11H2161		08/05/11 14:40
Methyl tert-Butyl Ether		53.1		ug/L	50.0	106%	70 - 130	2	25	11H2161		08/05/11 14:40
Methylene Chloride		54.7		ug/L	50.0	109%	70 - 130	1	25	11H2161		08/05/11 14:40
4-Methyl-2-pentanone		300		ug/L	250	120%	70 - 130	11	25	11H2161		08/05/11 14:40
Naphthalene		49.7		ug/L	50.0	99%	70 - 130	5	25	11H2161		08/05/11 14:40
n-Propylbenzene		52.7		ug/L	50.0	105%	70 - 130	0.2	25	11H2161		08/05/11 14:40
Styrene		54.8		ug/L	50.0	110%	70 - 130	1	25	11H2161		08/05/11 14:40
1,1,2,2-Tetrachloroethane		49.9		ug/L	50.0	100%	70 - 130	0.3	25	11H2161		08/05/11 14:40
1,1,1,2-Tetrachloroethane		57.4		ug/L	50.0	115%	70 - 130	3	25	11H2161		08/05/11 14:40
Tetrachloroethene		54.1		ug/L	50.0	108%	70 - 130	1	25	11H2161		08/05/11 14:40
Tetrahydrofuran		487		ug/L	500	97%	70 - 130	2	25	11H2161		08/05/11 14:40
Toluene		52.1		ug/L	50.0	104%	70 - 130	2	25	11H2161		08/05/11 14:40
1,2,4-Trichlorobenzene		53.4		ug/L	50.0	107%	70 - 130	0.5	25	11H2161		08/05/11 14:40
1,2,3-Trichlorobenzene		50.4		ug/L	50.0	101%	70 - 130	5	25	11H2161		08/05/11 14:40
1,1,1-Trichloroethane		54.0		ug/L	50.0	108%	70 - 130	0.5	25	11H2161		08/05/11 14:40
1,1,2-Trichloroethane		54.2		ug/L	50.0	108%	70 - 130	5	25	11H2161		08/05/11 14:40
Trichloroethene		50.1		ug/L	50.0	100%	70 - 130	2	25	11H2161		08/05/11 14:40
Trichlorofluoromethane		43.8		ug/L	50.0	88%	70 - 130	1	25	11H2161		08/05/11 14:40
1,2,3-Trichloropropane		49.0		ug/L	50.0	98%	70 - 130	0.9	25	11H2161		08/05/11 14:40
1,3,5-Trimethylbenzene		53.6		ug/L	50.0	107%	70 - 130	0.4	25	11H2161		08/05/11 14:40
1,2,4-Trimethylbenzene		54.6		ug/L	50.0	109%	70 - 130	2	25	11H2161		08/05/11 14:40
Vinyl chloride		44.5		ug/L	50.0	89%	70 - 130	0.2	25	11H2161		08/05/11 14:40
Xylenes, total		165		ug/L	150	110%	70 - 130	2	25	11H2161		08/05/11 14:40
1,1,2-Trifluorotrichloroethane		53.9		ug/L	50.0	108%	73 - 134	2	17	11H2161		08/05/11 14:40
Surrogate: 1,2-Dichloroethane-d4		24.4		ug/L	25.0	97%	70 - 130			11H2161		08/05/11 14:40
Surrogate: Dibromofluoromethane		25.4		ug/L	25.0	101%	70 - 130			11H2161		08/05/11 14:40
Surrogate: Toluene-d8		27.6		ug/L	25.0	110%	70 - 130			11H2161		08/05/11 14:40
Surrogate: 4-Bromofluorobenzene		24.9		ug/L	25.0	99%	70 - 130			11H2161		08/05/11 14:40
11H2173-BSD1												
Acetone		269		ug/L	250	108%	70 - 130	4	25	11H2173		08/08/11 16:54
Tert-Amyl Methyl Ether		40.8		ug/L	50.0	82%	70 - 130	2	25	11H2173		08/08/11 16:54
Benzene		53.9		ug/L	50.0	108%	70 - 130	0.8	25	11H2173		08/08/11 16:54
Bromobenzene		45.3		ug/L	50.0	91%	70 - 130	3	25	11H2173		08/08/11 16:54
Bromochloromethane		64.4		ug/L	50.0	129%	70 - 130	3	25	11H2173		08/08/11 16:54
Bromodichloromethane		49.1		ug/L	50.0	98%	70 - 130	0.5	25	11H2173		08/08/11 16:54
Bromoform		49.3		ug/L	50.0	99%	70 - 130	0.6	25	11H2173		08/08/11 16:54
Bromomethane		63.3		ug/L	50.0	127%	70 - 130	3	25	11H2173		08/08/11 16:54
2-Butanone		262		ug/L	250	105%	70 - 130	3	25	11H2173		08/08/11 16:54
tert-Butylbenzene		52.7		ug/L	50.0	105%	70 - 130	2	25	11H2173		08/08/11 16:54

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11H2173-BSD1												
n-Butylbenzene		56.1		ug/L	50.0	112%	70 - 130	1	25	11H2173		08/08/11 16:54
sec-Butylbenzene		53.8		ug/L	50.0	108%	70 - 130	0.9	25	11H2173		08/08/11 16:54
Carbon disulfide		58.2		ug/L	50.0	116%	70 - 130	4	25	11H2173		08/08/11 16:54
Carbon Tetrachloride		53.2		ug/L	50.0	106%	70 - 130	2	25	11H2173		08/08/11 16:54
Chlorobenzene		53.6		ug/L	50.0	107%	70 - 130	2	25	11H2173		08/08/11 16:54
Chlorodibromomethane		55.0		ug/L	50.0	110%	70 - 130	0.7	25	11H2173		08/08/11 16:54
Chloroethane		56.2		ug/L	50.0	112%	70 - 130	5	25	11H2173		08/08/11 16:54
Chloroform		53.2		ug/L	50.0	106%	70 - 130	9	25	11H2173		08/08/11 16:54
Chloromethane		42.6		ug/L	50.0	85%	70 - 130	5	25	11H2173		08/08/11 16:54
2-Chlorotoluene		48.0		ug/L	50.0	96%	70 - 130	2	25	11H2173		08/08/11 16:54
4-Chlorotoluene		49.6		ug/L	50.0	99%	70 - 130	2	25	11H2173		08/08/11 16:54
1,2-Dibromo-3-chloropropane		39.9		ug/L	50.0	80%	70 - 130	1	25	11H2173		08/08/11 16:54
1,2-Dibromoethane (EDB)		57.3		ug/L	50.0	115%	70 - 130	0.6	25	11H2173		08/08/11 16:54
Dibromomethane		54.1		ug/L	50.0	108%	70 - 130	3	25	11H2173		08/08/11 16:54
1,2-Dichlorobenzene		53.1		ug/L	50.0	106%	70 - 130	0.06	25	11H2173		08/08/11 16:54
1,3-Dichlorobenzene		52.3		ug/L	50.0	105%	70 - 130	0.5	25	11H2173		08/08/11 16:54
1,4-Dichlorobenzene		51.3		ug/L	50.0	103%	70 - 130	3	25	11H2173		08/08/11 16:54
Dichlorodifluoromethane		52.5		ug/L	50.0	105%	70 - 130	2	25	11H2173		08/08/11 16:54
1,2-Dichloroethane		49.0		ug/L	50.0	98%	70 - 130	0.4	25	11H2173		08/08/11 16:54
1,1-Dichloroethane		49.3		ug/L	50.0	99%	70 - 130	3	25	11H2173		08/08/11 16:54
1,1-Dichloroethene		57.9		ug/L	50.0	116%	70 - 130	0.2	25	11H2173		08/08/11 16:54
trans-1,2-Dichloroethene		50.4		ug/L	50.0	101%	70 - 130	2	25	11H2173		08/08/11 16:54
cis-1,2-Dichloroethene		51.5		ug/L	50.0	103%	70 - 130	1	25	11H2173		08/08/11 16:54
1,3-Dichloropropane		50.9		ug/L	50.0	102%	70 - 130	0.6	25	11H2173		08/08/11 16:54
2,2-Dichloropropane		52.3		ug/L	50.0	105%	70 - 130	2	25	11H2173		08/08/11 16:54
1,2-Dichloropropane		47.9		ug/L	50.0	96%	70 - 130	0.2	25	11H2173		08/08/11 16:54
trans-1,3-Dichloropropene		46.5		ug/L	50.0	93%	70 - 130	1	25	11H2173		08/08/11 16:54
1,1-Dichloropropene		52.7		ug/L	50.0	105%	70 - 130	3	25	11H2173		08/08/11 16:54
cis-1,3-Dichloropropene		50.5		ug/L	50.0	101%	70 - 130	0.2	25	11H2173		08/08/11 16:54
Diethyl ether		50.4		ug/L	50.0	101%	70 - 130	0.6	25	11H2173		08/08/11 16:54
1,4-Dioxane		5660		ug/L	5000	113%	70 - 130	0.4	25	11H2173		08/08/11 16:54
Ethylbenzene		55.2		ug/L	50.0	110%	70 - 130	1	25	11H2173		08/08/11 16:54
Ethyl tert-Butyl Ether		35.9		ug/L	50.0	72%	70 - 130	1	25	11H2173		08/08/11 16:54
Hexachlorobutadiene		51.2		ug/L	50.0	102%	70 - 130	2	25	11H2173		08/08/11 16:54
2-Hexanone		245		ug/L	250	98%	70 - 130	3	25	11H2173		08/08/11 16:54
Isopropylbenzene		62.8		ug/L	50.0	126%	70 - 130	0.6	25	11H2173		08/08/11 16:54
Diisopropyl Ether		47.3		ug/L	50.0	95%	70 - 130	2	25	11H2173		08/08/11 16:54
p-Isopropyltoluene		52.0		ug/L	50.0	104%	70 - 130	2	25	11H2173		08/08/11 16:54
Methyl tert-Butyl Ether		42.9		ug/L	50.0	86%	70 - 130	2	25	11H2173		08/08/11 16:54
Methylene Chloride		58.6		ug/L	50.0	117%	70 - 130	5	25	11H2173		08/08/11 16:54
4-Methyl-2-pentanone		255		ug/L	250	102%	70 - 130	3	25	11H2173		08/08/11 16:54

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11H2173-BSD1												
Naphthalene		50.9		ug/L	50.0	102%	70 - 130	0.3	25	11H2173		08/08/11 16:54
n-Propylbenzene		50.7		ug/L	50.0	101%	70 - 130	2	25	11H2173		08/08/11 16:54
Styrene		58.6		ug/L	50.0	117%	70 - 130	1	25	11H2173		08/08/11 16:54
1,1,2,2-Tetrachloroethane		48.8		ug/L	50.0	98%	70 - 130	0.5	25	11H2173		08/08/11 16:54
1,1,1,2-Tetrachloroethane		54.3		ug/L	50.0	109%	70 - 130	0	25	11H2173		08/08/11 16:54
Tetrachloroethene		54.2		ug/L	50.0	108%	70 - 130	2	25	11H2173		08/08/11 16:54
Tetrahydrofuran		494		ug/L	500	99%	70 - 130	3	25	11H2173		08/08/11 16:54
Toluene		55.1		ug/L	50.0	110%	70 - 130	1	25	11H2173		08/08/11 16:54
1,2,4-Trichlorobenzene		52.3		ug/L	50.0	105%	70 - 130	0.4	25	11H2173		08/08/11 16:54
1,2,3-Trichlorobenzene		50.9		ug/L	50.0	102%	70 - 130	1	25	11H2173		08/08/11 16:54
1,1,1-Trichloroethane		53.6		ug/L	50.0	107%	70 - 130	0.6	25	11H2173		08/08/11 16:54
1,1,2-Trichloroethane		54.7		ug/L	50.0	109%	70 - 130	1	25	11H2173		08/08/11 16:54
Trichloroethene		56.7		ug/L	50.0	113%	70 - 130	1	25	11H2173		08/08/11 16:54
Trichlorofluoromethane		54.0		ug/L	50.0	108%	70 - 130	4	25	11H2173		08/08/11 16:54
1,2,3-Trichloropropane		47.7		ug/L	50.0	95%	70 - 130	1	25	11H2173		08/08/11 16:54
1,3,5-Trimethylbenzene		51.9		ug/L	50.0	104%	70 - 130	2	25	11H2173		08/08/11 16:54
1,2,4-Trimethylbenzene		51.2		ug/L	50.0	102%	70 - 130	2	25	11H2173		08/08/11 16:54
Vinyl chloride		50.4		ug/L	50.0	101%	70 - 130	4	25	11H2173		08/08/11 16:54
Xylenes, total		168		ug/L	150	112%	70 - 130	1	25	11H2173		08/08/11 16:54
1,1,2-Trifluorotrichloroethane		60.0		ug/L	50.0	120%	73 - 134	1	17	11H2173		08/08/11 16:54
Surrogate: 1,2-Dichloroethane-d4		23.4		ug/L	25.0	94%	70 - 130			11H2173		08/08/11 16:54
Surrogate: Dibromofluoromethane		26.2		ug/L	25.0	105%	70 - 130			11H2173		08/08/11 16:54
Surrogate: Toluene-d8		25.6		ug/L	25.0	102%	70 - 130			11H2173		08/08/11 16:54
Surrogate: 4-Bromofluorobenzene		20.9		ug/L	25.0	84%	70 - 130			11H2173		08/08/11 16:54

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Total Metals by EPA 6010C										
11H0271-MS1										
Iron	0.0696	1.11		mg/L	1.00	104%	75 - 125	11H0271	NUG4225-01	08/03/11 12:22
Manganese	0.0419	0.540		mg/L	0.500	100%	75 - 125	11H0271	NUG4225-01	08/03/11 12:22
Dissolved Metals by Method 6010C										
11H0269-MS1										
Iron	ND	1.02		mg/L	1.00	102%	75 - 125	11H0269	NUG4225-01	08/08/11 12:35
Manganese	0.0326	0.538		mg/L	0.500	101%	75 - 125	11H0269	NUG4225-01	08/08/11 12:35

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Total Metals by EPA 6010C												
11H0271-MSD1												
Iron	0.0696	1.13		mg/L	1.00	106%	75 - 125	2	20	11H0271	NUG4225-01	08/03/11 12:26
Manganese	0.0419	0.565		mg/L	0.500	105%	75 - 125	4	20	11H0271	NUG4225-01	08/03/11 12:26
Dissolved Metals by Method 6010C												
11H0269-MSD1												
Iron	ND	1.02		mg/L	1.00	102%	75 - 125	1	20	11H0269	NUG4225-01	08/08/11 12:39
Manganese	0.0326	0.540		mg/L	0.500	101%	75 - 125	0.3	20	11H0269	NUG4225-01	08/08/11 12:39

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4225
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

DATA QUALIFIERS AND DEFINITIONS

L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
L2	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was below acceptance limits.
pH<2	pH<2
T14	The PAH compounds were analyzed and reported by method 8270.
ND	Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIPT

NUG4225

Cooler Received/Opened On 7/29/2011 @ 08:40

1. Tracking # 6020 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 94660220

2. Temperature of rep. sample or temp blank when opened: 0.1 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: (1) Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 4

I certify that I unloaded the cooler and answered questions 7-14 (intial) RC

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# _____

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 6/24/09

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

NUG4225
08/12/11 23:59

Nashville, TN

COOLER RECEIPT FORM

Cooler Received/Opened On_07/29/11 @ 08:40

1. Tracking # 6019 (last 4 digits, FedEx)

Courier: ___FED-EX IR-GUN-97310166

2. Temperature of rep. sample or temp blank when opened: 1.1 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1-FEDAIT

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) BV

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # 1 4225-11 @

I certify that I unloaded the cooler and answered questions 7-14 (intial) RC

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) MW

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) MW

I certify that I attached a label with the unique LIMS number to each container (intial) MW

21. Were there Non-Conformance issues at login? YES NO Was a PIPE generated? YES NO...#_____

#19) No liters for SVOCs received @

BIS = Broken in shipment
Cooler Receipt Form.doc

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

NUG4225
08/12/11 23 59

COOLER RECEIPT FORM

Cooler Received/Opened On 7/29/2011 @ 08:40

1. Tracking # 6008 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 94660220

2. Temperature of rep. sample or temp blank when opened: 0.4 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO..(NA)

4. Were custody seals on outside of cooler? (YES)..NO...NA

If yes, how many and where: (1) Front

5. Were the seals intact, signed, and dated correctly? (YES).NO...NA

6. Were custody papers inside cooler? YES..(NO)..NA

I certify that I opened the cooler and answered questions 1-6 (intial) (W)

7. Were custody seals on containers: YES (NO) and Intact YES...NO...(NA)

Were these signed and dated correctly? YES...NO...(NA)

8. Packing mat'l used? (Bubblewrap) Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES)..NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES)...NO...NA

12. Did all container labels and tags agree with custody papers? (YES)..NO...NA

13a. Were VOA vials received? (YES)..NO...NA

b. Was there any observable headspace present in any VOA vial? YES..(NO)..NA

14. Was there a Trip Blank in this cooler? YES...NO..(NA) If multiple coolers, sequence # 2

I certify that I unloaded the cooler and answered questions 7-14 (intial) RC

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? (YES)..NO..NA

b. Did the bottle labels indicate that the correct preservatives were used (YES)...NO...NA

16. Was residual chlorine present? YES..(NO)..NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) (W)

17. Were custody papers properly filled out (ink, signed, etc)? (YES)...NO...NA

18. Did you sign the custody papers in the appropriate place? (YES)..NO...NA

19. Were correct containers used for the analysis requested? YES..(NO)..NA

20. Was sufficient amount of sample sent in each container? (YES)..NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) (W)

I certify that I attached a label with the unique LIMS number to each container (intial) (W)

21. Were there Non-Conformance issues at login? (YES).NO Was a PIPE generated? (YES)..NO...#_____

BIS = Broken in shipment

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

NUG4225
08/12/11 23:59

COOLER RECEIPT FORM

Cooler Received/Opened On 7/29/2011 @ 08:40

1. Tracking # 5972 (last 4 digits, FedEx)

Courier: FEDEX IR Gun ID 96210146

2. Temperature of rep. sample or temp blank when opened: 0.5 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...(NO)...NA

4. Were custody seals on outside of cooler? (YES)...NO...NA

If yes, how many and where: 1- Front

5. Were the seals intact, signed, and dated correctly? (YES)...NO...NA

6. Were custody papers inside cooler? YES...(NO)...NA

I certify that I opened the cooler and answered questions 1-6 (intial) P.H.

7. Were custody seals on containers: YES (NO) and Intact YES...NO...(NA)

Were these signed and dated correctly? YES...NO...(NA)

8. Packing mat'l used? (Bubblewrap) Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES)...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES)...NO...NA

12. Did all container labels and tags agree with custody papers? (YES)...NO...NA

13a. Were VOA vials received? (YES)...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...(NO)...NA

14. Was there a Trip Blank in this cooler? YES...NO...(NA) If multiple coolers, sequence # 3

I certify that I unloaded the cooler and answered questions 7-14 (intial) RC

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? (YES)...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used (YES)...NO...NA

16. Was residual chlorine present? YES...(NO)...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) W

17. Were custody papers properly filled out (ink, signed, etc)? (YES)...NO...NA

18. Did you sign the custody papers in the appropriate place? (YES)...NO...NA

19. Were correct containers used for the analysis requested? (YES)...NO...NA

20. Was sufficient amount of sample sent in each container? (YES)...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) W

I certify that I attached a label with the unique LIMS number to each container (intial) W

21. Were there Non-Conformance issues at login? (YES)...NO Was a PIPE generated? (YES)...NO...#_____

BIS = Broken in shipment
Cooler Receipt Form.doc

NUG4225

08/12/11 23:59

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

Consultant Name: GES
Address: 364 Littleton Road
City/State/Zip: Westford, MA 01886

Consultant Project Mgr: Stefan Sokol

Consultant Telephone Number: 800-221-6119 Fax No.: 978-392-8583
Sampler Name: (Print) Nick Vigneri
Sampler Signature:

TA Account #:
Invoice To:
Report To: Stefan Sokol ssokol@gesonline.com
PO #:
PROJECT #: 1603478
Facility ID #
Site Address 133 LEGAND STREET
City, State, Zip FRANKLINVILLE, MA
Regulatory District (CA)

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify)	Analyze For: VOCs (EPA 8260B)	VPH	SVOCs *	EPH	TOC	COD	total Fe & Mn	dissolved Fe & Mn	alkalinity		RUSH TAT (Pre-Schedule) *	TAT request (in Bus. Days)	Fax Results (yes or no)	Due Date of Report
GMW-11	7/25/11	13:45	11	X					X	X			X	X	X						X	X	X	X	X	X	X	X	X			01		
GZA-13	7/25/11	15:45	11	X					X	X			X	X	X						X	X	X	X	X	X	X	X	X			02		
MW-14	7/26/11	10:00	11	X					X	X			X	X	X						X	X	X	X	X	X	X	X	X			03		
MW-15	7/26/11	11:50	11	X					X	X			X	X	X						X	X	X	X	X	X	X	X	X			04		
EW PZ-2S	7/26/11	13:45	11	X					X	X			X	X	X						X	X	X	X	X	X	X	X	X			05		
EW PZ 2D	7/26/11	15:30	11	X					X	X			X	X	X						X	X	X	X	X	X	X	X	X			06		
GDW-6	7/26/11	17:30	11	X					X	X			X	X	X						X	X	X	X	X	X	X	X	X			07		
EW-1	7/27/11	11:45	11	X					X	X			X	X	X						X	X	X	X	X	X	X	X	X			08		
WMW-4	7/27/11	15:45	11	X					X	X			X	X	X						X	X	X	X	X	X	X	X	X			09		
WMW-6	7/27/11	16:00	11	X					X	X			X	X	X						X	X	X	X	X	X	X	X	X			10		

Comments/Special Instructions:
* HOLD ALL SVOCs. Meet GW-1/GW-2/GW-3 STDS CAM; Methods where available will call if any other than 10 day TAT is needed

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2 Level 3 Level 4 Other

Relinquished by:	Date	Time	Received by:	Date	Time
Nick Vigneri	7/27/11	17:00	GES Stefan Sokol	7/27/11	19:00
Stefan Sokol	7/28/11	1400	Received by TestAmerica:	7.28.11	14:00

7.29.11 @ 0840

Lage, Gail

From: Lage, Gail
Sent: Monday, August 01, 2011 10:31 PM
To: 'Stefan Sokol'
Cc: Mary W. Cathey; Huckaba, Jennifer
Subject: RE: General Chemical Site

Stefan – it doesn't look like we received liters for the SVOC analysis on these samples. We received HCl preserved liters for the EPH, but no unpreserved liters for the SVOC.

Thanks
Gail A. Lage
Program Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Drive
Nashville, TN 37204
Tel 615.301.5741 / Fax 615.726.3404
www.testamericainc.com

From: Stefan Sokol [mailto:SSokol@gesonline.com]
Sent: Monday, August 01, 2011 10:09 AM
To: Lage, Gail
Cc: Mary W. Cathey
Subject: General Chemical Site

Gail –. This email pertains only to groundwater samples. We submitted some groundwater samples to TestAmerica late last week for the above site. The SVOC analyses were placed on hold. At this time, we would like SVOCs analyzed on each of the samples where VPH and EPH were analyzed, i.e., on ERM-11, CDW-6, EW-1, WMW-4 and WMW-6. Would like to speak with you on whether EPA Method 8270C is appropriate or whether we should consider SIM. Site is GW-1, but there will be potential interferences from other constituents.

Also wanted to make you aware of one VOC 8260B analysis that will be coming your way at next sample pick-up today or tomorrow. We would request this one sample be expedited sufficiently to have lab data available with the other samples submitted late last week. With that said, could you please confirm with me the date we should expect all the groundwater data – we have a tight timeline to meet. I believe the samples were picked up here on 7/28/11.

Please call me @978-866-1704 at your convenience. Thanks.

Stefan C. Sokol, LSP
Senior Project Manager
Groundwater & Environmental Services, Inc.
364 Littleton Road, Suite 4
Westford, Massachusetts 01886
Phone (800) 221-6119 ext. 3252
Fax (978) 392-8583
Email: ssokol@gesonline.com

Confidentiality Notice: This transmission (including any attachments) may contain confidential

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

August 15, 2011 6:22:35PM

Client: GES Westford (10650)
364 Littleton Road, Suite 4
Westford, MA 01886
Attn: Stefon Sokol

Work Order: NUG4387
Project Name: General Chemical
Project Nbr: Framingham, MA
P/O Nbr: 1603978
Date Received: 07/29/11

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
GZ-6	NUG4387-01	07/25/11 11:40

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. These results relate only to the items tested, and this report may not be reproduced except in full and with the permission of the Laboratory. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

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Certification Number: M-TN032

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4387
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

Additional Laboratory Comments:

Revised Report:

This report was revised on 8-15-11 to add the compound 1,1,2-Trifluorotrichloroethane to the Volatile list, per client request. This final report replaces the final report generated on 8-9-11 at 1649.

All samples were received in good condition, properly preserved, and properly labeled. All analyses were completed within holding times.

All no responses from the attached "MCP Response Action Analytical Report Certification Form" are addressed below.

G. The volatile reporting limit for tetrahydrofuran was above the MADEP CAM limits. The reporting limits did meet the client requested limits with the exception of 1,4-Dioxane under GW-1.

H. The volatile blank spike and/or blank spike duplicate (LCS/LCSD) recoveries for Dichlorodifluoromethane andcis-1,3-Dichloropropene in batch 11H2130 were outside QC limits. Less than 10% of the analytes were outside criteria and the recoveries were within greater than 10%; therefore the data was accepted without further analysis.

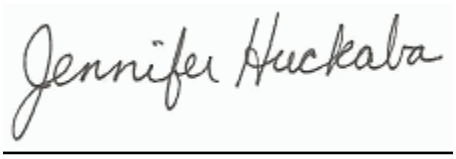
Additional Laboratory Comments:

There were other projects received in the cooler ID 5983 and there were several trip blanks within the cooler, but there was not a trip blank that matched up to this project. Per client, there should have been one to accompany this sample, but it was not located.

The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainty is available upon request.
This report has been electronically signed.
Report Approved By:



Jennifer Huckaba

Senior Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4387
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

Sample Cooler Information

Lab ID	Cooler ID	Temp	Seals	Containers Intact	Preservation Confirmed	On Ice
	5983	0.9C	Yes	Yes	Yes	Yes

MassDEP Analytical Protocol Certification Form

Laboratory Name: TestAmerica Analytical Testing Corporation Project #: Framingham, MA

Project Location: General Chemical RTN:

This Form provides certifications for the following data set: list Laboratory Sample ID Number(s):

NUG4387

Matrices: Groundwater/Surface Water Soil/Sediment Drinking Water Air Other:

CAM Protocol (check all that apply below):

8260 VOC CAM II A X	7470/7471 Hg CAM III B	MassDEP VPH CAM IV A	8081 Pesticides CAM V B	7196 Hex Cr CAM VI B	MassDEP APH CAM IX A
8270 SVOC CAM II B	7010 Metals CAM III C	MassDEP EPH CAM IV B	8151 Herbicides CAM V C	8330 Explosives CAM VIII A	TO-15 VOC CAM IX B
6010 Metals CAM III A	6020 Metals CAM III D	8082 PCB CAM V A	9014 Total Cyanide/PAC CAM VI A	6860 Perchlorate CAM VIII B	

Affirmative Responses to Questions A through F are required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	(Yes) No
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	(Yes) No
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	(Yes) No
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	(Yes) No
E	VPH, EPH, APH, and TO-15 only: a. VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications). b. APH and TO-15 Methods only: Was the complete analyte list reported for each method?	Yes No Yes No
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	(Yes) No

Responses to Questions G, H and I below are required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	Yes (No[1])

***Data User Note:** Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.*

H	Were all QC performance standards specified in the CAM protocol(s) achieved?	Yes (No[1])
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	(Yes) No[1]

[1] *All negative responses must be addressed in an attached laboratory narrative.*

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: Jennifer Huckaba **Position:** Sr Proj Mgr.

Printed Name: Jennifer Huckaba **Date:** 8-15-11

Client	GES Westford (10650)	Work Order:	NUG4387
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Sample ID: NUG4387-01 (GZ-6 - Ground Water) Sampled: 07/25/11 11:40

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	ND	ug/L		10.0	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Benzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Bromobenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Bromochloromethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Bromodichloromethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Bromoform	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Bromomethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
2-Butanone	ND	ug/L		10.0	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
tert-Butylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
n-Butylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
sec-Butylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Carbon disulfide	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Carbon Tetrachloride	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Chlorobenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Chlorodibromomethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Chloroethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Chloroform	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Chloromethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
2-Chlorotoluene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
4-Chlorotoluene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Dibromomethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Dichlorodifluoromethane	ND	ug/L	L2	1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
1,2-Dichloroethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
1,1-Dichloroethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
1,1-Dichloroethene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
cis-1,2-Dichloroethene	**8.21**	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
1,3-Dichloropropane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
2,2-Dichloropropane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
1,2-Dichloropropane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
1,1-Dichloropropene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
cis-1,3-Dichloropropene	ND	ug/L	L	1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Diethyl ether	ND	ug/L		2.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161

Client	GES Westford (10650)	Work Order:	NUG4387
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Sample ID: NUG4387-01 (GZ-6 - Ground Water) - cont. Sampled: 07/25/11 11:40

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
1,4-Dioxane	ND	ug/L		200	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Ethylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Hexachlorobutadiene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
2-Hexanone	ND	ug/L		10.0	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Isopropylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Diisopropyl Ether	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
p-Isopropyltoluene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Methylene Chloride	ND	ug/L		2.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Naphthalene	ND	ug/L		2.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
n-Propylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Styrene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Tetrachloroethene	**6.96**	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Tetrahydrofuran	ND	ug/L		20.0	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Toluene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
1,1,1-Trichloroethane	**11.5**	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Trichloroethene	**4.65**	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Trichlorofluoromethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Vinyl chloride	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Xylenes, total	ND	ug/L		2.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
1,1,2-Trifluorotrichloroethane	**1.62**	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:58	EML	SW846 8260B	11H2161
Surr: 1,2-Dichloroethane-d4 (70-130%)	*102 %*						08/05/11 17:58	EML	SW846 8260B	11H2161
Surr: Dibromofluoromethane (70-130%)	*101 %*						08/05/11 17:58	EML	SW846 8260B	11H2161
Surr: Toluene-d8 (70-130%)	*102 %*						08/05/11 17:58	EML	SW846 8260B	11H2161
Surr: 4-Bromofluorobenzene (70-130%)	*104 %*						08/05/11 17:58	EML	SW846 8260B	11H2161

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4387
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11H2161-BLK1						
Acetone	<5.00		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Tert-Amyl Methyl Ether	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Benzene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Bromobenzene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Bromochloromethane	<0.240		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Bromodichloromethane	<0.180		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Bromoform	<0.180		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Bromomethane	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
2-Butanone	<1.70		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
tert-Butylbenzene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
n-Butylbenzene	<0.180		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
sec-Butylbenzene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Carbon disulfide	0.310		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Carbon Tetrachloride	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Chlorobenzene	<0.190		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Chlorodibromomethane	<0.210		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Chloroethane	<0.210		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Chloroform	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Chloromethane	<0.300		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
2-Chlorotoluene	<0.140		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
4-Chlorotoluene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,2-Dibromo-3-chloropropane	<0.270		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,2-Dibromoethane (EDB)	<0.180		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Dibromomethane	<0.160		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,2-Dichlorobenzene	<0.130		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,3-Dichlorobenzene	<0.140		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,4-Dichlorobenzene	<0.150		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Dichlorodifluoromethane	<0.140		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,2-Dichloroethane	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,1-Dichloroethane	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,1-Dichloroethene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
trans-1,2-Dichloroethene	<0.160		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
cis-1,2-Dichloroethene	<0.150		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,3-Dichloropropane	<0.110		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
2,2-Dichloropropane	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,2-Dichloropropane	<0.180		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
trans-1,3-Dichloropropene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,1-Dichloropropene	<0.110		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
cis-1,3-Dichloropropene	<0.150		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Diethyl ether	<0.150		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,4-Dioxane	<18.0		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05

Client	GES Westford (10650)	Work Order:	NUG4387
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11H2161-BLK1						
Ethylbenzene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Ethyl tert-Butyl Ether	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Hexachlorobutadiene	<0.260		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
2-Hexanone	<0.710		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Isopropylbenzene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Diisopropyl Ether	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
p-Isopropyltoluene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Methyl tert-Butyl Ether	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Methylene Chloride	<1.67		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
4-Methyl-2-pentanone	<3.30		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Naphthalene	<1.70		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
n-Propylbenzene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Styrene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,1,2,2-Tetrachloroethane	<0.140		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,1,1,2-Tetrachloroethane	<0.180		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Tetrachloroethene	<0.190		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Tetrahydrofuran	<3.30		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Toluene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,2,4-Trichlorobenzene	0.270		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,2,3-Trichlorobenzene	0.270		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,1,1-Trichloroethane	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,1,2-Trichloroethane	<0.150		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Trichloroethene	<0.180		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Trichlorofluoromethane	<0.180		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,2,3-Trichloropropane	<0.270		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,3,5-Trimethylbenzene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,2,4-Trimethylbenzene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Vinyl chloride	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Xylenes, total	<0.390		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,1,2-Trifluorotrichloroethane	<0.260		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Surrogate: 1,2-Dichloroethane-d4	100%			11H2161	11H2161-BLK1	08/05/11 16:05
Surrogate: Dibromofluoromethane	92%			11H2161	11H2161-BLK1	08/05/11 16:05
Surrogate: Toluene-d8	120%			11H2161	11H2161-BLK1	08/05/11 16:05
Surrogate: 4-Bromofluorobenzene	103%			11H2161	11H2161-BLK1	08/05/11 16:05

Client	GES Westford (10650)	Work Order:	NUG4387
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11H2161-BS1								
Acetone	250	228		ug/L	91%	70 - 130	11H2161	08/05/11 14:12
Tert-Amyl Methyl Ether	50.0	52.4		ug/L	105%	70 - 130	11H2161	08/05/11 14:12
Benzene	50.0	52.0		ug/L	104%	70 - 130	11H2161	08/05/11 14:12
Bromobenzene	50.0	50.0		ug/L	100%	70 - 130	11H2161	08/05/11 14:12
Bromochloromethane	50.0	52.9		ug/L	106%	70 - 130	11H2161	08/05/11 14:12
Bromodichloromethane	50.0	52.8		ug/L	106%	70 - 130	11H2161	08/05/11 14:12
Bromoform	50.0	49.0		ug/L	98%	70 - 130	11H2161	08/05/11 14:12
Bromomethane	50.0	54.9		ug/L	110%	70 - 130	11H2161	08/05/11 14:12
2-Butanone	250	237		ug/L	95%	70 - 130	11H2161	08/05/11 14:12
tert-Butylbenzene	50.0	53.2		ug/L	106%	70 - 130	11H2161	08/05/11 14:12
n-Butylbenzene	50.0	46.6		ug/L	93%	70 - 130	11H2161	08/05/11 14:12
sec-Butylbenzene	50.0	52.8		ug/L	106%	70 - 130	11H2161	08/05/11 14:12
Carbon disulfide	50.0	52.4		ug/L	105%	70 - 130	11H2161	08/05/11 14:12
Carbon Tetrachloride	50.0	55.0		ug/L	110%	70 - 130	11H2161	08/05/11 14:12
Chlorobenzene	50.0	51.3		ug/L	103%	70 - 130	11H2161	08/05/11 14:12
Chlorodibromomethane	50.0	49.9		ug/L	100%	70 - 130	11H2161	08/05/11 14:12
Chloroethane	50.0	46.3		ug/L	93%	70 - 130	11H2161	08/05/11 14:12
Chloroform	50.0	53.2		ug/L	106%	70 - 130	11H2161	08/05/11 14:12
Chloromethane	50.0	37.4		ug/L	75%	70 - 130	11H2161	08/05/11 14:12
2-Chlorotoluene	50.0	51.4		ug/L	103%	70 - 130	11H2161	08/05/11 14:12
4-Chlorotoluene	50.0	54.0		ug/L	108%	70 - 130	11H2161	08/05/11 14:12
1,2-Dibromo-3-chloropropane	50.0	46.6		ug/L	93%	70 - 130	11H2161	08/05/11 14:12
1,2-Dibromoethane (EDB)	50.0	53.5		ug/L	107%	70 - 130	11H2161	08/05/11 14:12
Dibromomethane	50.0	48.8		ug/L	98%	70 - 130	11H2161	08/05/11 14:12
1,2-Dichlorobenzene	50.0	52.9		ug/L	106%	70 - 130	11H2161	08/05/11 14:12
1,3-Dichlorobenzene	50.0	53.0		ug/L	106%	70 - 130	11H2161	08/05/11 14:12
1,4-Dichlorobenzene	50.0	53.4		ug/L	107%	70 - 130	11H2161	08/05/11 14:12
Dichlorodifluoromethane	50.0	32.5	L2	ug/L	65%	70 - 130	11H2161	08/05/11 14:12
1,2-Dichloroethane	50.0	49.2		ug/L	98%	70 - 130	11H2161	08/05/11 14:12
1,1-Dichloroethane	50.0	53.0		ug/L	106%	70 - 130	11H2161	08/05/11 14:12
1,1-Dichloroethene	50.0	51.7		ug/L	103%	70 - 130	11H2161	08/05/11 14:12
trans-1,2-Dichloroethene	50.0	52.0		ug/L	104%	70 - 130	11H2161	08/05/11 14:12
cis-1,2-Dichloroethene	50.0	52.2		ug/L	104%	70 - 130	11H2161	08/05/11 14:12
1,3-Dichloropropane	50.0	51.3		ug/L	103%	70 - 130	11H2161	08/05/11 14:12
2,2-Dichloropropane	50.0	62.4		ug/L	125%	70 - 130	11H2161	08/05/11 14:12
1,2-Dichloropropane	50.0	48.6		ug/L	97%	70 - 130	11H2161	08/05/11 14:12
trans-1,3-Dichloropropene	50.0	50.8		ug/L	102%	70 - 130	11H2161	08/05/11 14:12
1,1-Dichloropropene	50.0	51.8		ug/L	104%	70 - 130	11H2161	08/05/11 14:12
cis-1,3-Dichloropropene	50.0	69.4	L1	ug/L	139%	70 - 130	11H2161	08/05/11 14:12
Diethyl ether	50.0	51.3		ug/L	103%	70 - 130	11H2161	08/05/11 14:12
1,4-Dioxane	5000	4430		ug/L	89%	70 - 130	11H2161	08/05/11 14:12

Client	GES Westford (10650)	Work Order:	NUG4387
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11H2161-BS1								
Ethylbenzene	50.0	53.2		ug/L	106%	70 - 130	11H2161	08/05/11 14:12
Ethyl tert-Butyl Ether	50.0	50.5		ug/L	101%	70 - 130	11H2161	08/05/11 14:12
Hexachlorobutadiene	50.0	54.3		ug/L	109%	70 - 130	11H2161	08/05/11 14:12
2-Hexanone	250	260		ug/L	104%	70 - 130	11H2161	08/05/11 14:12
Isopropylbenzene	50.0	57.9		ug/L	116%	70 - 130	11H2161	08/05/11 14:12
Diisopropyl Ether	50.0	50.3		ug/L	101%	70 - 130	11H2161	08/05/11 14:12
p-Isopropyltoluene	50.0	53.3		ug/L	107%	70 - 130	11H2161	08/05/11 14:12
Methyl tert-Butyl Ether	50.0	52.0		ug/L	104%	70 - 130	11H2161	08/05/11 14:12
Methylene Chloride	50.0	54.0		ug/L	108%	70 - 130	11H2161	08/05/11 14:12
4-Methyl-2-pentanone	250	268		ug/L	107%	70 - 130	11H2161	08/05/11 14:12
Naphthalene	50.0	47.5		ug/L	95%	70 - 130	11H2161	08/05/11 14:12
n-Propylbenzene	50.0	52.8		ug/L	106%	70 - 130	11H2161	08/05/11 14:12
Styrene	50.0	54.2		ug/L	108%	70 - 130	11H2161	08/05/11 14:12
1,1,2,2-Tetrachloroethane	50.0	50.1		ug/L	100%	70 - 130	11H2161	08/05/11 14:12
1,1,1,2-Tetrachloroethane	50.0	55.9		ug/L	112%	70 - 130	11H2161	08/05/11 14:12
Tetrachloroethene	50.0	53.4		ug/L	107%	70 - 130	11H2161	08/05/11 14:12
Tetrahydrofuran	500	479		ug/L	96%	70 - 130	11H2161	08/05/11 14:12
Toluene	50.0	51.1		ug/L	102%	70 - 130	11H2161	08/05/11 14:12
1,2,4-Trichlorobenzene	50.0	53.6		ug/L	107%	70 - 130	11H2161	08/05/11 14:12
1,2,3-Trichlorobenzene	50.0	47.8		ug/L	96%	70 - 130	11H2161	08/05/11 14:12
1,1,1-Trichloroethane	50.0	53.7		ug/L	107%	70 - 130	11H2161	08/05/11 14:12
1,1,2-Trichloroethane	50.0	51.8		ug/L	104%	70 - 130	11H2161	08/05/11 14:12
Trichloroethene	50.0	50.9		ug/L	102%	70 - 130	11H2161	08/05/11 14:12
Trichlorofluoromethane	50.0	44.4		ug/L	89%	70 - 130	11H2161	08/05/11 14:12
1,2,3-Trichloropropane	50.0	49.4		ug/L	99%	70 - 130	11H2161	08/05/11 14:12
1,3,5-Trimethylbenzene	50.0	53.4		ug/L	107%	70 - 130	11H2161	08/05/11 14:12
1,2,4-Trimethylbenzene	50.0	53.7		ug/L	107%	70 - 130	11H2161	08/05/11 14:12
Vinyl chloride	50.0	44.4		ug/L	89%	70 - 130	11H2161	08/05/11 14:12
Xylenes, total	150	161		ug/L	107%	70 - 130	11H2161	08/05/11 14:12
1,1,2-Trifluorotrichloroethane	50.0	54.8		ug/L	110%	73 - 134	11H2161	08/05/11 14:12
Surrogate: 1,2-Dichloroethane-d4	25.0	24.2			97%	70 - 130	11H2161	08/05/11 14:12
Surrogate: Dibromofluoromethane	25.0	24.4			98%	70 - 130	11H2161	08/05/11 14:12
Surrogate: Toluene-d8	25.0	25.9			104%	70 - 130	11H2161	08/05/11 14:12
Surrogate: 4-Bromofluorobenzene	25.0	25.0			100%	70 - 130	11H2161	08/05/11 14:12

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4387
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11H2161-BSD1												
Acetone		250		ug/L	250	100%	70 - 130	9	25	11H2161		08/05/11 14:40
Tert-Amyl Methyl Ether		51.8		ug/L	50.0	104%	70 - 130	1	25	11H2161		08/05/11 14:40
Benzene		51.0		ug/L	50.0	102%	70 - 130	2	25	11H2161		08/05/11 14:40
Bromobenzene		49.9		ug/L	50.0	100%	70 - 130	0.2	25	11H2161		08/05/11 14:40
Bromochloromethane		51.0		ug/L	50.0	102%	70 - 130	4	25	11H2161		08/05/11 14:40
Bromodichloromethane		52.3		ug/L	50.0	105%	70 - 130	1	25	11H2161		08/05/11 14:40
Bromoform		49.5		ug/L	50.0	99%	70 - 130	1	25	11H2161		08/05/11 14:40
Bromomethane		54.0		ug/L	50.0	108%	70 - 130	2	25	11H2161		08/05/11 14:40
2-Butanone		256		ug/L	250	102%	70 - 130	8	25	11H2161		08/05/11 14:40
tert-Butylbenzene		52.8		ug/L	50.0	106%	70 - 130	0.7	25	11H2161		08/05/11 14:40
n-Butylbenzene		46.8		ug/L	50.0	94%	70 - 130	0.3	25	11H2161		08/05/11 14:40
sec-Butylbenzene		53.3		ug/L	50.0	107%	70 - 130	1	25	11H2161		08/05/11 14:40
Carbon disulfide		51.5		ug/L	50.0	103%	70 - 130	2	25	11H2161		08/05/11 14:40
Carbon Tetrachloride		53.8		ug/L	50.0	108%	70 - 130	2	25	11H2161		08/05/11 14:40
Chlorobenzene		50.9		ug/L	50.0	102%	70 - 130	0.8	25	11H2161		08/05/11 14:40
Chlorodibromomethane		50.6		ug/L	50.0	101%	70 - 130	1	25	11H2161		08/05/11 14:40
Chloroethane		46.3		ug/L	50.0	93%	70 - 130	0.02	25	11H2161		08/05/11 14:40
Chloroform		52.4		ug/L	50.0	105%	70 - 130	2	25	11H2161		08/05/11 14:40
Chloromethane		37.1		ug/L	50.0	74%	70 - 130	0.9	25	11H2161		08/05/11 14:40
2-Chlorotoluene		51.4		ug/L	50.0	103%	70 - 130	0.04	25	11H2161		08/05/11 14:40
4-Chlorotoluene		53.8		ug/L	50.0	108%	70 - 130	0.3	25	11H2161		08/05/11 14:40
1,2-Dibromo-3-chloropropane		46.0		ug/L	50.0	92%	70 - 130	1	25	11H2161		08/05/11 14:40
1,2-Dibromoethane (EDB)		54.2		ug/L	50.0	108%	70 - 130	1	25	11H2161		08/05/11 14:40
Dibromomethane		48.9		ug/L	50.0	98%	70 - 130	0.1	25	11H2161		08/05/11 14:40
1,2-Dichlorobenzene		52.6		ug/L	50.0	105%	70 - 130	0.7	25	11H2161		08/05/11 14:40
1,3-Dichlorobenzene		53.7		ug/L	50.0	107%	70 - 130	1	25	11H2161		08/05/11 14:40
1,4-Dichlorobenzene		52.8		ug/L	50.0	106%	70 - 130	1	25	11H2161		08/05/11 14:40
Dichlorodifluoromethane		31.8	L2	ug/L	50.0	64%	70 - 130	2	25	11H2161		08/05/11 14:40
1,2-Dichloroethane		50.1		ug/L	50.0	100%	70 - 130	2	25	11H2161		08/05/11 14:40
1,1-Dichloroethane		52.0		ug/L	50.0	104%	70 - 130	2	25	11H2161		08/05/11 14:40
1,1-Dichloroethene		51.3		ug/L	50.0	103%	70 - 130	0.8	25	11H2161		08/05/11 14:40
trans-1,2-Dichloroethene		52.0		ug/L	50.0	104%	70 - 130	0.1	25	11H2161		08/05/11 14:40
cis-1,2-Dichloroethene		53.0		ug/L	50.0	106%	70 - 130	2	25	11H2161		08/05/11 14:40
1,3-Dichloropropane		51.9		ug/L	50.0	104%	70 - 130	1	25	11H2161		08/05/11 14:40
2,2-Dichloropropane		61.6		ug/L	50.0	123%	70 - 130	1	25	11H2161		08/05/11 14:40
1,2-Dichloropropane		47.7		ug/L	50.0	95%	70 - 130	2	25	11H2161		08/05/11 14:40
trans-1,3-Dichloropropene		50.8		ug/L	50.0	102%	70 - 130	0.1	25	11H2161		08/05/11 14:40
1,1-Dichloropropene		51.4		ug/L	50.0	103%	70 - 130	1	25	11H2161		08/05/11 14:40
cis-1,3-Dichloropropene		72.0	L1	ug/L	50.0	144%	70 - 130	4	25	11H2161		08/05/11 14:40
Diethyl ether		51.2		ug/L	50.0	102%	70 - 130	0.2	25	11H2161		08/05/11 14:40
1,4-Dioxane		4590		ug/L	5000	92%	70 - 130	4	25	11H2161		08/05/11 14:40

Client	GES Westford (10650)	Work Order:	NUG4387
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11H2161-BSD1												
Ethylbenzene		54.3		ug/L	50.0	109%	70 - 130	2	25	11H2161		08/05/11 14:40
Ethyl tert-Butyl Ether		50.8		ug/L	50.0	102%	70 - 130	0.5	25	11H2161		08/05/11 14:40
Hexachlorobutadiene		53.8		ug/L	50.0	108%	70 - 130	0.8	25	11H2161		08/05/11 14:40
2-Hexanone		275		ug/L	250	110%	70 - 130	6	25	11H2161		08/05/11 14:40
Isopropylbenzene		58.5		ug/L	50.0	117%	70 - 130	1	25	11H2161		08/05/11 14:40
Diisopropyl Ether		50.1		ug/L	50.0	100%	70 - 130	0.4	25	11H2161		08/05/11 14:40
p-Isopropyltoluene		53.4		ug/L	50.0	107%	70 - 130	0.2	25	11H2161		08/05/11 14:40
Methyl tert-Butyl Ether		53.1		ug/L	50.0	106%	70 - 130	2	25	11H2161		08/05/11 14:40
Methylene Chloride		54.7		ug/L	50.0	109%	70 - 130	1	25	11H2161		08/05/11 14:40
4-Methyl-2-pentanone		300		ug/L	250	120%	70 - 130	11	25	11H2161		08/05/11 14:40
Naphthalene		49.7		ug/L	50.0	99%	70 - 130	5	25	11H2161		08/05/11 14:40
n-Propylbenzene		52.7		ug/L	50.0	105%	70 - 130	0.2	25	11H2161		08/05/11 14:40
Styrene		54.8		ug/L	50.0	110%	70 - 130	1	25	11H2161		08/05/11 14:40
1,1,2,2-Tetrachloroethane		49.9		ug/L	50.0	100%	70 - 130	0.3	25	11H2161		08/05/11 14:40
1,1,1,2-Tetrachloroethane		57.4		ug/L	50.0	115%	70 - 130	3	25	11H2161		08/05/11 14:40
Tetrachloroethene		54.1		ug/L	50.0	108%	70 - 130	1	25	11H2161		08/05/11 14:40
Tetrahydrofuran		487		ug/L	500	97%	70 - 130	2	25	11H2161		08/05/11 14:40
Toluene		52.1		ug/L	50.0	104%	70 - 130	2	25	11H2161		08/05/11 14:40
1,2,4-Trichlorobenzene		53.4		ug/L	50.0	107%	70 - 130	0.5	25	11H2161		08/05/11 14:40
1,2,3-Trichlorobenzene		50.4		ug/L	50.0	101%	70 - 130	5	25	11H2161		08/05/11 14:40
1,1,1-Trichloroethane		54.0		ug/L	50.0	108%	70 - 130	0.5	25	11H2161		08/05/11 14:40
1,1,2-Trichloroethane		54.2		ug/L	50.0	108%	70 - 130	5	25	11H2161		08/05/11 14:40
Trichloroethene		50.1		ug/L	50.0	100%	70 - 130	2	25	11H2161		08/05/11 14:40
Trichlorofluoromethane		43.8		ug/L	50.0	88%	70 - 130	1	25	11H2161		08/05/11 14:40
1,2,3-Trichloropropane		49.0		ug/L	50.0	98%	70 - 130	0.9	25	11H2161		08/05/11 14:40
1,3,5-Trimethylbenzene		53.6		ug/L	50.0	107%	70 - 130	0.4	25	11H2161		08/05/11 14:40
1,2,4-Trimethylbenzene		54.6		ug/L	50.0	109%	70 - 130	2	25	11H2161		08/05/11 14:40
Vinyl chloride		44.5		ug/L	50.0	89%	70 - 130	0.2	25	11H2161		08/05/11 14:40
Xylenes, total		165		ug/L	150	110%	70 - 130	2	25	11H2161		08/05/11 14:40
1,1,2-Trifluorotrichloroethane		53.9		ug/L	50.0	108%	73 - 134	2	17	11H2161		08/05/11 14:40
Surrogate: 1,2-Dichloroethane-d4		24.4		ug/L	25.0	97%	70 - 130			11H2161		08/05/11 14:40
Surrogate: Dibromofluoromethane		25.4		ug/L	25.0	101%	70 - 130			11H2161		08/05/11 14:40
Surrogate: Toluene-d8		27.6		ug/L	25.0	110%	70 - 130			11H2161		08/05/11 14:40
Surrogate: 4-Bromofluorobenzene		24.9		ug/L	25.0	99%	70 - 130			11H2161		08/05/11 14:40

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4387
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

DATA QUALIFIERS AND DEFINITIONS

L Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.

L1 Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.

L2 Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was below acceptance limits.

ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

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Nashville, TN

COOLER RECE

NUG4387

Cooler Received/Opened On 7/29/2011 @ 8:40

1. Tracking # 5983 (last 4 digits, FedEx)

Courier: FEDEX IR Gun ID 12080142

2. Temperature of rep. sample or temp blank when opened: 0.9 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...NO...(NA)

4. Were custody seals on outside of cooler? (YES)...NO...NA

If yes, how many and where: 1 front

5. Were the seals intact, signed, and dated correctly? (YES)...NO...NA

6. Were custody papers inside cooler? (YES)...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) RC

7. Were custody seals on containers: YES (NO) and Intact YES...NO...(NA)

Were these signed and dated correctly? YES...NO...(NA)

8. Packing mat'l used? (Bubblewrap) Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? @7:30 (YES)...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES)...NO...NA

12. Did all container labels and tags agree with custody papers? (YES)...NO...NA

13a. Were VOA vials received? (YES)...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...(NO)...NA

14. Was there a Trip Blank in this cooler? (YES)...NO...NA If multiple coolers, sequence #

I certify that I unloaded the cooler and answered questions 7-14 (intial) RC

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...(NA)

b. Did the bottle labels indicate that the correct preservatives were used (YES)...NO...NA

16. Was residual chlorine present? YES...NO...(NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) MW

17. Were custody papers properly filled out (ink, signed, etc)? (YES)...NO...NA

18. Did you sign the custody papers in the appropriate place? (YES)...NO...NA

19. Were correct containers used for the analysis requested? (YES)...NO...NA

20. Was sufficient amount of sample sent in each container? (YES)...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) MW

I certify that I attached a label with the unique LIMS number to each container (intial) MW

21. Were there Non-Conformance issues at login? (YES)...NO Was a PIPE generated? (YES)...NO...#60305

tb) No trip blank received. MW

BIS = Broken in shipment
Cooler Receipt Form.doc

NUG4387

08/12/11 23:59

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

Consultant Name: GES
Address: 364 Littleton Road
City/State/Zip: Westford, MA 01886

Consultant Project Mgr: Stefan Sokol

Consultant Telephone Number: 800-221-6119 Fax No.: 978-392-8583

Sampler Name: (Print) Nick Vitale

Sampler Signature:

TA Account #:
Invoice To:
Report To: Stefan Sokol SSokol@gesonline.com
PO #:
PROJECT #: 1603978
Facility ID #
Site Address 133 LELAND STREET
City, State, Zip ~~133 LELAND STREET~~ FRAMINGHAM, MA
Regulatory District (CA)

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: VOCs CAMS	VPH	SVOCs CAMS	EPH	TOC	COD	total Fe & Mn	dissolved Fe & Mn	alkalinity			RUSH TAT (Pre-Schedule) *	TAT request (in Bus. Days)	Fax Results (yes or no)	Due Date of Report
GZ-6	7/25/11	11:40	3	X					X												X														UG4387-01
TRIP BLANK	7/25/11	—	1	1																	X														

Comments/Special Instructions:

MEET GW-1/2/3 STDS - CAMS methods where available
USE CAM IF OTHER THAN 10-DAY TURNAROUNDS NEEDED

Laboratory Comments:

Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N

QC Deliverables (please circle one)
Level 2 Level 3 Level 4 Other

Relinquished by:	Date	Time	Received by:	Date	Time
Nick Vitale	7/27/11	19:00	GES Stock	7/27/11	19:00
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
Stefan Sokol	7/28/11	1400	JRBR	7-28-11	1400
				7-29-11	@0840

Huckaba, Jennifer

From: Stefan Sokol [SSokol@gesonline.com]
Sent: Wednesday, August 03, 2011 10:44 AM
To: Huckaba, Jennifer
Subject: RE: Trip Blank for GZ-6 - NUG4387

Trip blank collected in the same cooler (on the same day) would have accompanied it. Could you add that note as appropriate? We typically break out samples on the chains by property.

From: Huckaba, Jennifer [mailto:Jennifer.Huckaba@testamericainc.com]
Sent: Wednesday, August 03, 2011 11:39 AM
To: Stefan Sokol
Subject: Trip Blank for GZ-6 - NUG4387

Log-in noted on Saturday that we did not receive a trip blank to put with GZ-6 sample. We did receive other trip blanks in the cooler though.
Is it OK to report the GZ-6 without a trip blank and just note it on the report?

Jennifer Huckaba
Senior Project Manager

TestAmerica
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2960 Foster Creighton Drive
Nashville, TN 37204
Tel 615.301.5042 / Fax 615.726.3404
www.testamericainc.com

Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at: Project Feedback

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

August 15, 2011 5:41:30PM

Client: GES Westford (10650)
364 Littleton Road, Suite 4
Westford, MA 01886
Attn: Stefon Sokol

Work Order: NUG4242
Project Name: General Chemical
Project Nbr: Framingham, MA
P/O Nbr: 1603978
Date Received: 07/29/11

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-13	NUG4242-01	07/25/11 10:15
MW-11	NUG4242-02	07/27/11 09:30

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. These results relate only to the items tested, and this report may not be reproduced except in full and with the permission of the Laboratory. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

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Certification Number: M-TN032

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4242
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

Additional Laboratory Comments: **Revised Report:**
This report was revised on 8-15-11 to complete the report Also, 1,1,2-Trifluorotrichloroethane was added to the Volatile list per client request for this project. This complete final report replaces the partial final report generated on 8-11-11 at 0958.

All samples were received in good condition, properly preserved, and properly labeled. All analyses were completed within holding times.

All no responses from the attached "MCP Response Action Analytical Report Certification Form" are addressed below.

G. The volatile reporting limit for tetrahydrofuran was above the MADEP CAM limits. The reporting limits did meet the client requested limits with the exception of 1,4-Dioxane under GW-1.

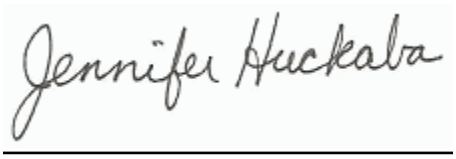
H. The volatile blank spike and/or blank spike duplicate (LCS/LCSD) recoveries for Dichlorodifluoromethane and cis-1,3-Dichloropropene in batch 11H2161 were outside QC limits. Less than 10% of the analytes were outside criteria and the recoveries were within greater than 10%; therefore the data was accepted without further analysis.

I. The full MCP Metals CAM analyte list was not reported. Only those analytes requested on the chain of custody by the client were reported.

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainty is available upon request.
This report has been electronically signed.
Report Approved By:



Jennifer Huckaba

Senior Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4242
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

Sample Cooler Information

Lab ID	Cooler ID	Temp	Seals	Containers Intact	Preservation Confirmed	On Ice
	5983	0.9C	Yes	Yes	Yes	Yes

MassDEP Analytical Protocol Certification Form

Laboratory Name: TestAmerica Analytical Testing Corporation Project #: Framingham, MA

Project Location: General Chemical RTN:

This Form provides certifications for the following data set: list Laboratory Sample ID Number(s):

NUG4242

Matrices: (Groundwater/Surface Water) Soil/Sediment Drinking Water Air Other:

CAM Protocol (check all that apply below):

8260 VOC CAM II A X	7470/7471 Hg CAM III B	MassDEP VPH CAM IV A	8081 Pesticides CAM V B	7196 Hex Cr CAM VI B	MassDEP APH CAM IX A
8270 SVOC CAM II B	7010 Metals CAM III C	MassDEP EPH CAM IV B	8151 Herbicides CAM V C	8330 Explosives CAM VIII A	TO-15 VOC CAM IX B
6010 Metals CAM III A X	6020 Metals CAM III D	8082 PCB CAM V A	9014 Total Cyanide/PAC CAM VI A	6860 Perchlorate CAM VIII B	

Affirmative Responses to Questions A through F are required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	(Yes) No
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	(Yes) No
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	(Yes) No
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	(Yes) No
E	VPH, EPH, APH, and TO-15 only: a. VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications). b. APH and TO-15 Methods only: Was the complete analyte list reported for each method?	Yes No Yes No
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	(Yes) No

Responses to Questions G, H and I below are required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	Yes (No[1])

***Data User Note:** Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.*

H	Were all QC performance standards specified in the CAM protocol(s) achieved?	Yes (No[1])
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	Yes (No[1])

[1] *All negative responses must be addressed in an attached laboratory narrative.*

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: Jennifer Huckaba **Position:** Sr. Proj Mgr.

Printed Name: Jennifer Huckaba **Date:** 8-15-11

Client	GES Westford (10650)	Work Order:	NUG4242
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Sample ID: NUG4242-01 (MW-13 - Ground Water) Sampled: 07/25/11 10:15

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	ND	ug/L		10.0	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Benzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Bromobenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Bromochloromethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Bromodichloromethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Bromoform	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Bromomethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
2-Butanone	ND	ug/L		10.0	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
tert-Butylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
n-Butylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
sec-Butylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Carbon disulfide	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Carbon Tetrachloride	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Chlorobenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Chlorodibromomethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Chloroethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Chloroform	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Chloromethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
2-Chlorotoluene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
4-Chlorotoluene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Dibromomethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Dichlorodifluoromethane	ND	ug/L	L2	1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
1,2-Dichloroethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
1,1-Dichloroethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
1,1-Dichloroethene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
cis-1,2-Dichloroethene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
1,3-Dichloropropane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
2,2-Dichloropropane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
1,2-Dichloropropane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
1,1-Dichloropropene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
cis-1,3-Dichloropropene	ND	ug/L	L	1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Diethyl ether	ND	ug/L		2.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161

Client	GES Westford (10650)	Work Order:	NUG4242
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4242-01 (MW-13 - Ground Water) - cont. Sampled: 07/25/11 10:15										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L		200	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Ethylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Hexachlorobutadiene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
2-Hexanone	ND	ug/L		10.0	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Isopropylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Diisopropyl Ether	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
p-Isopropyltoluene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Methylene Chloride	ND	ug/L		2.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Naphthalene	ND	ug/L		2.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
n-Propylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Styrene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Tetrachloroethene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Tetrahydrofuran	ND	ug/L		20.0	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Toluene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
1,1,1-Trichloroethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Trichloroethene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Trichlorofluoromethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Vinyl chloride	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Xylenes, total	ND	ug/L		2.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
1,1,2-Trifluorotrichloroethane	**6.56**	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:01	EML	SW846 8260B	11H2161
Surr: 1,2-Dichloroethane-d4 (70-130%)	*99 %*						08/05/11 17:01	EML	SW846 8260B	11H2161
Surr: Dibromofluoromethane (70-130%)	*97 %*						08/05/11 17:01	EML	SW846 8260B	11H2161
Surr: Toluene-d8 (70-130%)	*104 %*						08/05/11 17:01	EML	SW846 8260B	11H2161
Surr: 4-Bromofluorobenzene (70-130%)	*103 %*						08/05/11 17:01	EML	SW846 8260B	11H2161

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4242
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4242-02 (MW-11 - Ground Water) Sampled: 07/27/11 09:30										
General Chemistry Parameters										
Alkalinity, Total (CaCO3)	ND	mg/L		10.0	1	08/02/11 16:37	08/03/11 04:03	JAG2	SM2320 B	11H0519
Chemical Oxygen Demand	**24.2**	mg/L		10.0	1	08/03/11 10:34	08/04/11 08:03	MSJ	SM5220 D	11H0642
Total Organic Carbon	ND	mg/L		1.00	1	08/12/11 14:08	08/12/11 16:23	SHJ	SM5310 B	11H3119

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4242
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4242-02 (MW-11 - Ground Water) - cont. Sampled: 07/27/11 09:30										
Total Metals by EPA 6010C										
Iron	**0.151**	mg/L		0.0500	1	08/03/11 06:50	08/03/11 12:49	AVR	SW846 6010C	11H0271
Manganese	**0.0510**	mg/L		0.0150	1	08/03/11 06:50	08/03/11 12:49	AVR	SW846 6010C	11H0271

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4242
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4242-02 (MW-11 - Ground Water) - cont. Sampled: 07/27/11 09:30										
Dissolved Metals by Method 6010C										
Iron	ND	mg/L		0.0500	1	08/05/11 06:00	08/08/11 13:13	AVR	SW846 6010C	11H0269
Manganese	**0.0464**	mg/L		0.0150	1	08/05/11 06:00	08/08/11 13:13	AVR	SW846 6010C	11H0269

Client	GES Westford (10650)	Work Order:	NUG4242
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4242-02 (MW-11 - Ground Water) - cont. Sampled: 07/27/11 09:30										
Volatile Organic Compounds by EPA Method 8260B										
Acetone	ND	ug/L		10.0	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Benzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Bromobenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Bromochloromethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Bromodichloromethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Bromoform	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Bromomethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
2-Butanone	ND	ug/L		10.0	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
tert-Butylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
n-Butylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
sec-Butylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Carbon disulfide	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Carbon Tetrachloride	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Chlorobenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Chlorodibromomethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Chloroethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Chloroform	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Chloromethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
2-Chlorotoluene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
4-Chlorotoluene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Dibromomethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Dichlorodifluoromethane	ND	ug/L	L2	1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
1,2-Dichloroethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
1,1-Dichloroethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
1,1-Dichloroethene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
cis-1,2-Dichloroethene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
1,3-Dichloropropane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
2,2-Dichloropropane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
1,2-Dichloropropane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
1,1-Dichloropropene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
cis-1,3-Dichloropropene	ND	ug/L	L	1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Diethyl ether	ND	ug/L		2.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161

Client	GES Westford (10650)	Work Order:	NUG4242
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUG4242-02 (MW-11 - Ground Water) - cont. Sampled: 07/27/11 09:30										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L		200	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Ethylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Hexachlorobutadiene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
2-Hexanone	ND	ug/L		10.0	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Isopropylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Diisopropyl Ether	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
p-Isopropyltoluene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Methylene Chloride	ND	ug/L		2.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Naphthalene	ND	ug/L		2.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
n-Propylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Styrene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Tetrachloroethene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Tetrahydrofuran	ND	ug/L		20.0	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Toluene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
1,1,1-Trichloroethane	**1.81**	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Trichloroethene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Trichlorofluoromethane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Vinyl chloride	ND	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Xylenes, total	ND	ug/L		2.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
1,1,2-Trifluorotrichloroethane	**2.05**	ug/L		1.00	1	08/05/11 12:19	08/05/11 17:29	EML	SW846 8260B	11H2161
Surr: 1,2-Dichloroethane-d4 (70-130%)	*102 %*						08/05/11 17:29	EML	SW846 8260B	11H2161
Surr: Dibromofluoromethane (70-130%)	*101 %*						08/05/11 17:29	EML	SW846 8260B	11H2161
Surr: Toluene-d8 (70-130%)	*106 %*						08/05/11 17:29	EML	SW846 8260B	11H2161
Surr: 4-Bromofluorobenzene (70-130%)	*103 %*						08/05/11 17:29	EML	SW846 8260B	11H2161

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4242
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extract Vol	Date	Analyst	Extraction Method
Dissolved Metals by Method 6010C							
SW846 6010C	11H0269	NUG4242-02	50.00	50.00	08/05/11 06:00	CAT	EPA 3010A / 6010 D
SW846 6010C	11H0269	NUG4242-02	50.00	50.00	08/05/11 06:00	CAT	EPA 3010A / 6010 D
Total Metals by EPA 6010C							
SW846 6010C	11H0271	NUG4242-02	50.00	50.00	08/03/11 06:50	CAT	EPA 3010A / 6010
SW846 6010C	11H0271	NUG4242-02	50.00	50.00	08/03/11 06:50	CAT	EPA 3010A / 6010

Client	GES Westford (10650)	Work Order:	NUG4242
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
General Chemistry Parameters						
11H0519-BLK1						
Alkalinity, Total (CaCO3)	2.94		mg/L	11H0519	11H0519-BLK1	08/03/11 01:15
11H0642-BLK1						
Chemical Oxygen Demand	<2.00		mg/L	11H0642	11H0642-BLK1	08/04/11 08:03
11H3119-BLK1						
Total Organic Carbon	<0.500		mg/L	11H3119	11H3119-BLK1	08/12/11 16:23
Total Metals by EPA 6010C						
11H0271-BLK1						
Iron	<0.0490		mg/L	11H0271	11H0271-BLK1	08/03/11 11:55
Manganese	<0.00150		mg/L	11H0271	11H0271-BLK1	08/03/11 11:55
Dissolved Metals by Method 6010C						
11H0269-BLK1						
Iron	<0.0490		mg/L	11H0269	11H0269-BLK1	08/08/11 12:26
Manganese	<0.00150		mg/L	11H0269	11H0269-BLK1	08/08/11 12:26
Volatile Organic Compounds by EPA Method 8260B						
11H2161-BLK1						
Acetone	<5.00		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Tert-Amyl Methyl Ether	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Benzene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Bromobenzene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Bromochloromethane	<0.240		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Bromodichloromethane	<0.180		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Bromoform	<0.180		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Bromomethane	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
2-Butanone	<1.70		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
tert-Butylbenzene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
n-Butylbenzene	<0.180		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
sec-Butylbenzene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Carbon disulfide	0.310		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Carbon Tetrachloride	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Chlorobenzene	<0.190		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Chlorodibromomethane	<0.210		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Chloroethane	<0.210		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Chloroform	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Chloromethane	<0.300		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
2-Chlorotoluene	<0.140		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
4-Chlorotoluene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05

Client	GES Westford (10650)	Work Order:	NUG4242
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11H2161-BLK1						
1,2-Dibromo-3-chloropropane	<0.270		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,2-Dibromoethane (EDB)	<0.180		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Dibromomethane	<0.160		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,2-Dichlorobenzene	<0.130		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,3-Dichlorobenzene	<0.140		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,4-Dichlorobenzene	<0.150		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Dichlorodifluoromethane	<0.140		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,2-Dichloroethane	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,1-Dichloroethane	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,1-Dichloroethene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
trans-1,2-Dichloroethene	<0.160		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
cis-1,2-Dichloroethene	<0.150		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,3-Dichloropropane	<0.110		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
2,2-Dichloropropane	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,2-Dichloropropane	<0.180		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
trans-1,3-Dichloropropene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,1-Dichloropropene	<0.110		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
cis-1,3-Dichloropropene	<0.150		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Diethyl ether	<0.150		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,4-Dioxane	<18.0		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Ethylbenzene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Ethyl tert-Butyl Ether	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Hexachlorobutadiene	<0.260		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
2-Hexanone	<0.710		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Isopropylbenzene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Diisopropyl Ether	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
p-Isopropyltoluene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Methyl tert-Butyl Ether	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Methylene Chloride	<1.67		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
4-Methyl-2-pentanone	<3.30		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Naphthalene	<1.70		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
n-Propylbenzene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Styrene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,1,2,2-Tetrachloroethane	<0.140		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,1,1,2-Tetrachloroethane	<0.180		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Tetrachloroethene	<0.190		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Tetrahydrofuran	<3.30		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Toluene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,2,4-Trichlorobenzene	0.270		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,2,3-Trichlorobenzene	0.270		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,1,1-Trichloroethane	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05

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Client	GES Westford (10650)	Work Order:	NUG4242
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11H2161-BLK1						
1,1,2-Trichloroethane	<0.150		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Trichloroethene	<0.180		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Trichlorofluoromethane	<0.180		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,2,3-Trichloropropane	<0.270		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,3,5-Trimethylbenzene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,2,4-Trimethylbenzene	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Vinyl chloride	<0.170		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Xylenes, total	<0.390		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
1,1,2-Trifluorotrichloroethane	<0.260		ug/L	11H2161	11H2161-BLK1	08/05/11 16:05
Surrogate: 1,2-Dichloroethane-d4	100%			11H2161	11H2161-BLK1	08/05/11 16:05
Surrogate: Dibromofluoromethane	92%			11H2161	11H2161-BLK1	08/05/11 16:05
Surrogate: Toluene-d8	120%			11H2161	11H2161-BLK1	08/05/11 16:05
Surrogate: 4-Bromofluorobenzene	103%			11H2161	11H2161-BLK1	08/05/11 16:05

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4242
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA

Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	% Rec.	Analyzed Date/Time
General Chemistry Parameters										
11H0519-DUP1										
Alkalinity, Total (CaCO3)	611	599		mg/L	2	20	11H0519	NUG4108-04		08/03/11 01:58
11H0642-DUP1										
Chemical Oxygen Demand	194	178		mg/L	9	10	11H0642	NUH0057-02		08/04/11 08:03

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Client	GES Westford (10650)	Work Order:	NUG4242
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
11H0519-BS1								
Alkalinity, Total (CaCO3)	100	107		mg/L	107%	90 - 110	11H0519	08/03/11 01:47
11H0642-BS1								
Chemical Oxygen Demand	20.0	21.1		mg/L	106%	90 - 110	11H0642	08/04/11 08:03
11H3119-BS1								
Total Organic Carbon	10.0	10.7		mg/L	107%	90 - 110	11H3119	08/12/11 16:23
Total Metals by EPA 6010C								
11H0271-BS1								
Iron	1.00	1.07		mg/L	107%	80 - 120	11H0271	08/03/11 11:58
Manganese	0.500	0.519		mg/L	104%	80 - 120	11H0271	08/03/11 11:58
Dissolved Metals by Method 6010C								
11H0269-BS1								
Iron	1.00	0.987		mg/L	99%	80 - 120	11H0269	08/08/11 12:29
Manganese	0.500	0.495		mg/L	99%	80 - 120	11H0269	08/08/11 12:29
Volatile Organic Compounds by EPA Method 8260B								
11H2161-BS1								
Acetone	250	228		ug/L	91%	70 - 130	11H2161	08/05/11 14:12
Tert-Amyl Methyl Ether	50.0	52.4		ug/L	105%	70 - 130	11H2161	08/05/11 14:12
Benzene	50.0	52.0		ug/L	104%	70 - 130	11H2161	08/05/11 14:12
Bromobenzene	50.0	50.0		ug/L	100%	70 - 130	11H2161	08/05/11 14:12
Bromochloromethane	50.0	52.9		ug/L	106%	70 - 130	11H2161	08/05/11 14:12
Bromodichloromethane	50.0	52.8		ug/L	106%	70 - 130	11H2161	08/05/11 14:12
Bromoform	50.0	49.0		ug/L	98%	70 - 130	11H2161	08/05/11 14:12
Bromomethane	50.0	54.9		ug/L	110%	70 - 130	11H2161	08/05/11 14:12
2-Butanone	250	237		ug/L	95%	70 - 130	11H2161	08/05/11 14:12
tert-Butylbenzene	50.0	53.2		ug/L	106%	70 - 130	11H2161	08/05/11 14:12
n-Butylbenzene	50.0	46.6		ug/L	93%	70 - 130	11H2161	08/05/11 14:12
sec-Butylbenzene	50.0	52.8		ug/L	106%	70 - 130	11H2161	08/05/11 14:12
Carbon disulfide	50.0	52.4		ug/L	105%	70 - 130	11H2161	08/05/11 14:12
Carbon Tetrachloride	50.0	55.0		ug/L	110%	70 - 130	11H2161	08/05/11 14:12
Chlorobenzene	50.0	51.3		ug/L	103%	70 - 130	11H2161	08/05/11 14:12
Chlorodibromomethane	50.0	49.9		ug/L	100%	70 - 130	11H2161	08/05/11 14:12
Chloroethane	50.0	46.3		ug/L	93%	70 - 130	11H2161	08/05/11 14:12
Chloroform	50.0	53.2		ug/L	106%	70 - 130	11H2161	08/05/11 14:12
Chloromethane	50.0	37.4		ug/L	75%	70 - 130	11H2161	08/05/11 14:12
2-Chlorotoluene	50.0	51.4		ug/L	103%	70 - 130	11H2161	08/05/11 14:12
4-Chlorotoluene	50.0	54.0		ug/L	108%	70 - 130	11H2161	08/05/11 14:12

Client	GES Westford (10650)	Work Order:	NUG4242
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11H2161-BS1								
1,2-Dibromo-3-chloropropane	50.0	46.6		ug/L	93%	70 - 130	11H2161	08/05/11 14:12
1,2-Dibromoethane (EDB)	50.0	53.5		ug/L	107%	70 - 130	11H2161	08/05/11 14:12
Dibromomethane	50.0	48.8		ug/L	98%	70 - 130	11H2161	08/05/11 14:12
1,2-Dichlorobenzene	50.0	52.9		ug/L	106%	70 - 130	11H2161	08/05/11 14:12
1,3-Dichlorobenzene	50.0	53.0		ug/L	106%	70 - 130	11H2161	08/05/11 14:12
1,4-Dichlorobenzene	50.0	53.4		ug/L	107%	70 - 130	11H2161	08/05/11 14:12
Dichlorodifluoromethane	50.0	32.5	L2	ug/L	65%	70 - 130	11H2161	08/05/11 14:12
1,2-Dichloroethane	50.0	49.2		ug/L	98%	70 - 130	11H2161	08/05/11 14:12
1,1-Dichloroethane	50.0	53.0		ug/L	106%	70 - 130	11H2161	08/05/11 14:12
1,1-Dichloroethene	50.0	51.7		ug/L	103%	70 - 130	11H2161	08/05/11 14:12
trans-1,2-Dichloroethene	50.0	52.0		ug/L	104%	70 - 130	11H2161	08/05/11 14:12
cis-1,2-Dichloroethene	50.0	52.2		ug/L	104%	70 - 130	11H2161	08/05/11 14:12
1,3-Dichloropropane	50.0	51.3		ug/L	103%	70 - 130	11H2161	08/05/11 14:12
2,2-Dichloropropane	50.0	62.4		ug/L	125%	70 - 130	11H2161	08/05/11 14:12
1,2-Dichloropropane	50.0	48.6		ug/L	97%	70 - 130	11H2161	08/05/11 14:12
trans-1,3-Dichloropropene	50.0	50.8		ug/L	102%	70 - 130	11H2161	08/05/11 14:12
1,1-Dichloropropene	50.0	51.8		ug/L	104%	70 - 130	11H2161	08/05/11 14:12
cis-1,3-Dichloropropene	50.0	69.4	L1	ug/L	139%	70 - 130	11H2161	08/05/11 14:12
Diethyl ether	50.0	51.3		ug/L	103%	70 - 130	11H2161	08/05/11 14:12
1,4-Dioxane	5000	4430		ug/L	89%	70 - 130	11H2161	08/05/11 14:12
Ethylbenzene	50.0	53.2		ug/L	106%	70 - 130	11H2161	08/05/11 14:12
Ethyl tert-Butyl Ether	50.0	50.5		ug/L	101%	70 - 130	11H2161	08/05/11 14:12
Hexachlorobutadiene	50.0	54.3		ug/L	109%	70 - 130	11H2161	08/05/11 14:12
2-Hexanone	250	260		ug/L	104%	70 - 130	11H2161	08/05/11 14:12
Isopropylbenzene	50.0	57.9		ug/L	116%	70 - 130	11H2161	08/05/11 14:12
Diisopropyl Ether	50.0	50.3		ug/L	101%	70 - 130	11H2161	08/05/11 14:12
p-Isopropyltoluene	50.0	53.3		ug/L	107%	70 - 130	11H2161	08/05/11 14:12
Methyl tert-Butyl Ether	50.0	52.0		ug/L	104%	70 - 130	11H2161	08/05/11 14:12
Methylene Chloride	50.0	54.0		ug/L	108%	70 - 130	11H2161	08/05/11 14:12
4-Methyl-2-pentanone	250	268		ug/L	107%	70 - 130	11H2161	08/05/11 14:12
Naphthalene	50.0	47.5		ug/L	95%	70 - 130	11H2161	08/05/11 14:12
n-Propylbenzene	50.0	52.8		ug/L	106%	70 - 130	11H2161	08/05/11 14:12
Styrene	50.0	54.2		ug/L	108%	70 - 130	11H2161	08/05/11 14:12
1,1,2,2-Tetrachloroethane	50.0	50.1		ug/L	100%	70 - 130	11H2161	08/05/11 14:12
1,1,1,2-Tetrachloroethane	50.0	55.9		ug/L	112%	70 - 130	11H2161	08/05/11 14:12
Tetrachloroethene	50.0	53.4		ug/L	107%	70 - 130	11H2161	08/05/11 14:12
Tetrahydrofuran	500	479		ug/L	96%	70 - 130	11H2161	08/05/11 14:12
Toluene	50.0	51.1		ug/L	102%	70 - 130	11H2161	08/05/11 14:12
1,2,4-Trichlorobenzene	50.0	53.6		ug/L	107%	70 - 130	11H2161	08/05/11 14:12
1,2,3-Trichlorobenzene	50.0	47.8		ug/L	96%	70 - 130	11H2161	08/05/11 14:12
1,1,1-Trichloroethane	50.0	53.7		ug/L	107%	70 - 130	11H2161	08/05/11 14:12

Client	GES Westford (10650)	Work Order:	NUG4242
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA

LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11H2161-BS1								
1,1,2-Trichloroethane	50.0	51.8		ug/L	104%	70 - 130	11H2161	08/05/11 14:12
Trichloroethene	50.0	50.9		ug/L	102%	70 - 130	11H2161	08/05/11 14:12
Trichlorofluoromethane	50.0	44.4		ug/L	89%	70 - 130	11H2161	08/05/11 14:12
1,2,3-Trichloropropane	50.0	49.4		ug/L	99%	70 - 130	11H2161	08/05/11 14:12
1,3,5-Trimethylbenzene	50.0	53.4		ug/L	107%	70 - 130	11H2161	08/05/11 14:12
1,2,4-Trimethylbenzene	50.0	53.7		ug/L	107%	70 - 130	11H2161	08/05/11 14:12
Vinyl chloride	50.0	44.4		ug/L	89%	70 - 130	11H2161	08/05/11 14:12
Xylenes, total	150	161		ug/L	107%	70 - 130	11H2161	08/05/11 14:12
1,1,2-Trifluorotrichloroethane	50.0	54.8		ug/L	110%	73 - 134	11H2161	08/05/11 14:12
Surrogate: 1,2-Dichloroethane-d4	25.0	24.2			97%	70 - 130	11H2161	08/05/11 14:12
Surrogate: Dibromofluoromethane	25.0	24.4			98%	70 - 130	11H2161	08/05/11 14:12
Surrogate: Toluene-d8	25.0	25.9			104%	70 - 130	11H2161	08/05/11 14:12
Surrogate: 4-Bromofluorobenzene	25.0	25.0			100%	70 - 130	11H2161	08/05/11 14:12

Client	GES Westford (10650)	Work Order:	NUG4242
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
General Chemistry Parameters												
11H0519-BSD1												
Alkalinity, Total (CaCO3)		98.5		mg/L	100	98%	90 - 110	9	20	11H0519		08/03/11 01:53
11H0642-BSD1												
Chemical Oxygen Demand		20.8		mg/L	20.0	104%	90 - 110	1	10	11H0642		08/04/11 08:03
11H3119-BSD1												
Total Organic Carbon		10.6		mg/L	10.0	106%	90 - 110	2	20	11H3119		08/12/11 16:23
Volatile Organic Compounds by EPA Method 8260B												
11H2161-BSD1												
Acetone		250		ug/L	250	100%	70 - 130	9	25	11H2161		08/05/11 14:40
Tert-Amyl Methyl Ether		51.8		ug/L	50.0	104%	70 - 130	1	25	11H2161		08/05/11 14:40
Benzene		51.0		ug/L	50.0	102%	70 - 130	2	25	11H2161		08/05/11 14:40
Bromobenzene		49.9		ug/L	50.0	100%	70 - 130	0.2	25	11H2161		08/05/11 14:40
Bromochloromethane		51.0		ug/L	50.0	102%	70 - 130	4	25	11H2161		08/05/11 14:40
Bromodichloromethane		52.3		ug/L	50.0	105%	70 - 130	1	25	11H2161		08/05/11 14:40
Bromoform		49.5		ug/L	50.0	99%	70 - 130	1	25	11H2161		08/05/11 14:40
Bromomethane		54.0		ug/L	50.0	108%	70 - 130	2	25	11H2161		08/05/11 14:40
2-Butanone		256		ug/L	250	102%	70 - 130	8	25	11H2161		08/05/11 14:40
tert-Butylbenzene		52.8		ug/L	50.0	106%	70 - 130	0.7	25	11H2161		08/05/11 14:40
n-Butylbenzene		46.8		ug/L	50.0	94%	70 - 130	0.3	25	11H2161		08/05/11 14:40
sec-Butylbenzene		53.3		ug/L	50.0	107%	70 - 130	1	25	11H2161		08/05/11 14:40
Carbon disulfide		51.5		ug/L	50.0	103%	70 - 130	2	25	11H2161		08/05/11 14:40
Carbon Tetrachloride		53.8		ug/L	50.0	108%	70 - 130	2	25	11H2161		08/05/11 14:40
Chlorobenzene		50.9		ug/L	50.0	102%	70 - 130	0.8	25	11H2161		08/05/11 14:40
Chlorodibromomethane		50.6		ug/L	50.0	101%	70 - 130	1	25	11H2161		08/05/11 14:40
Chloroethane		46.3		ug/L	50.0	93%	70 - 130	0.02	25	11H2161		08/05/11 14:40
Chloroform		52.4		ug/L	50.0	105%	70 - 130	2	25	11H2161		08/05/11 14:40
Chloromethane		37.1		ug/L	50.0	74%	70 - 130	0.9	25	11H2161		08/05/11 14:40
2-Chlorotoluene		51.4		ug/L	50.0	103%	70 - 130	0.04	25	11H2161		08/05/11 14:40
4-Chlorotoluene		53.8		ug/L	50.0	108%	70 - 130	0.3	25	11H2161		08/05/11 14:40
1,2-Dibromo-3-chloropropane		46.0		ug/L	50.0	92%	70 - 130	1	25	11H2161		08/05/11 14:40
1,2-Dibromoethane (EDB)		54.2		ug/L	50.0	108%	70 - 130	1	25	11H2161		08/05/11 14:40
Dibromomethane		48.9		ug/L	50.0	98%	70 - 130	0.1	25	11H2161		08/05/11 14:40
1,2-Dichlorobenzene		52.6		ug/L	50.0	105%	70 - 130	0.7	25	11H2161		08/05/11 14:40
1,3-Dichlorobenzene		53.7		ug/L	50.0	107%	70 - 130	1	25	11H2161		08/05/11 14:40
1,4-Dichlorobenzene		52.8		ug/L	50.0	106%	70 - 130	1	25	11H2161		08/05/11 14:40
Dichlorodifluoromethane		31.8	L2	ug/L	50.0	64%	70 - 130	2	25	11H2161		08/05/11 14:40
1,2-Dichloroethane		50.1		ug/L	50.0	100%	70 - 130	2	25	11H2161		08/05/11 14:40
1,1-Dichloroethane		52.0		ug/L	50.0	104%	70 - 130	2	25	11H2161		08/05/11 14:40
1,1-Dichloroethene		51.3		ug/L	50.0	103%	70 - 130	0.8	25	11H2161		08/05/11 14:40

Client	GES Westford (10650)	Work Order:	NUG4242
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11H2161-BSD1												
trans-1,2-Dichloroethene		52.0		ug/L	50.0	104%	70 - 130	0.1	25	11H2161		08/05/11 14:40
cis-1,2-Dichloroethene		53.0		ug/L	50.0	106%	70 - 130	2	25	11H2161		08/05/11 14:40
1,3-Dichloropropane		51.9		ug/L	50.0	104%	70 - 130	1	25	11H2161		08/05/11 14:40
2,2-Dichloropropane		61.6		ug/L	50.0	123%	70 - 130	1	25	11H2161		08/05/11 14:40
1,2-Dichloropropane		47.7		ug/L	50.0	95%	70 - 130	2	25	11H2161		08/05/11 14:40
trans-1,3-Dichloropropene		50.8		ug/L	50.0	102%	70 - 130	0.1	25	11H2161		08/05/11 14:40
1,1-Dichloropropene		51.4		ug/L	50.0	103%	70 - 130	1	25	11H2161		08/05/11 14:40
cis-1,3-Dichloropropene		72.0	L1	ug/L	50.0	144%	70 - 130	4	25	11H2161		08/05/11 14:40
Diethyl ether		51.2		ug/L	50.0	102%	70 - 130	0.2	25	11H2161		08/05/11 14:40
1,4-Dioxane		4590		ug/L	5000	92%	70 - 130	4	25	11H2161		08/05/11 14:40
Ethylbenzene		54.3		ug/L	50.0	109%	70 - 130	2	25	11H2161		08/05/11 14:40
Ethyl tert-Butyl Ether		50.8		ug/L	50.0	102%	70 - 130	0.5	25	11H2161		08/05/11 14:40
Hexachlorobutadiene		53.8		ug/L	50.0	108%	70 - 130	0.8	25	11H2161		08/05/11 14:40
2-Hexanone		275		ug/L	250	110%	70 - 130	6	25	11H2161		08/05/11 14:40
Isopropylbenzene		58.5		ug/L	50.0	117%	70 - 130	1	25	11H2161		08/05/11 14:40
Diisopropyl Ether		50.1		ug/L	50.0	100%	70 - 130	0.4	25	11H2161		08/05/11 14:40
p-Isopropyltoluene		53.4		ug/L	50.0	107%	70 - 130	0.2	25	11H2161		08/05/11 14:40
Methyl tert-Butyl Ether		53.1		ug/L	50.0	106%	70 - 130	2	25	11H2161		08/05/11 14:40
Methylene Chloride		54.7		ug/L	50.0	109%	70 - 130	1	25	11H2161		08/05/11 14:40
4-Methyl-2-pentanone		300		ug/L	250	120%	70 - 130	11	25	11H2161		08/05/11 14:40
Naphthalene		49.7		ug/L	50.0	99%	70 - 130	5	25	11H2161		08/05/11 14:40
n-Propylbenzene		52.7		ug/L	50.0	105%	70 - 130	0.2	25	11H2161		08/05/11 14:40
Styrene		54.8		ug/L	50.0	110%	70 - 130	1	25	11H2161		08/05/11 14:40
1,1,2,2-Tetrachloroethane		49.9		ug/L	50.0	100%	70 - 130	0.3	25	11H2161		08/05/11 14:40
1,1,1,2-Tetrachloroethane		57.4		ug/L	50.0	115%	70 - 130	3	25	11H2161		08/05/11 14:40
Tetrachloroethene		54.1		ug/L	50.0	108%	70 - 130	1	25	11H2161		08/05/11 14:40
Tetrahydrofuran		487		ug/L	500	97%	70 - 130	2	25	11H2161		08/05/11 14:40
Toluene		52.1		ug/L	50.0	104%	70 - 130	2	25	11H2161		08/05/11 14:40
1,2,4-Trichlorobenzene		53.4		ug/L	50.0	107%	70 - 130	0.5	25	11H2161		08/05/11 14:40
1,2,3-Trichlorobenzene		50.4		ug/L	50.0	101%	70 - 130	5	25	11H2161		08/05/11 14:40
1,1,1-Trichloroethane		54.0		ug/L	50.0	108%	70 - 130	0.5	25	11H2161		08/05/11 14:40
1,1,2-Trichloroethane		54.2		ug/L	50.0	108%	70 - 130	5	25	11H2161		08/05/11 14:40
Trichloroethene		50.1		ug/L	50.0	100%	70 - 130	2	25	11H2161		08/05/11 14:40
Trichlorofluoromethane		43.8		ug/L	50.0	88%	70 - 130	1	25	11H2161		08/05/11 14:40
1,2,3-Trichloropropane		49.0		ug/L	50.0	98%	70 - 130	0.9	25	11H2161		08/05/11 14:40
1,3,5-Trimethylbenzene		53.6		ug/L	50.0	107%	70 - 130	0.4	25	11H2161		08/05/11 14:40
1,2,4-Trimethylbenzene		54.6		ug/L	50.0	109%	70 - 130	2	25	11H2161		08/05/11 14:40
Vinyl chloride		44.5		ug/L	50.0	89%	70 - 130	0.2	25	11H2161		08/05/11 14:40
Xylenes, total		165		ug/L	150	110%	70 - 130	2	25	11H2161		08/05/11 14:40
1,1,2-Trifluorotrichloroethane		53.9		ug/L	50.0	108%	73 - 134	2	17	11H2161		08/05/11 14:40
Surrogate: 1,2-Dichloroethane-d4		24.4		ug/L	25.0	97%	70 - 130			11H2161		08/05/11 14:40

Client	GES Westford (10650)	Work Order:	NUG4242
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11H2161-BSD1												
Surrogate: Dibromofluoromethane		25.4		ug/L	25.0	101%	70 - 130			11H2161		08/05/11 14:40
Surrogate: Toluene-d8		27.6		ug/L	25.0	110%	70 - 130			11H2161		08/05/11 14:40
Surrogate: 4-Bromofluorobenzene		24.9		ug/L	25.0	99%	70 - 130			11H2161		08/05/11 14:40

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4242
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Total Metals by EPA 6010C										
11H0271-MS1										
Iron	0.0696	1.11		mg/L	1.00	104%	75 - 125	11H0271	NUG4225-01	08/03/11 12:22
Manganese	0.0419	0.540		mg/L	0.500	100%	75 - 125	11H0271	NUG4225-01	08/03/11 12:22
Dissolved Metals by Method 6010C										
11H0269-MS1										
Iron	ND	1.02		mg/L	1.00	102%	75 - 125	11H0269	NUG4225-01	08/08/11 12:35
Manganese	0.0326	0.538		mg/L	0.500	101%	75 - 125	11H0269	NUG4225-01	08/08/11 12:35

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4242
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Total Metals by EPA 6010C												
11H0271-MSD1												
Iron	0.0696	1.13		mg/L	1.00	106%	75 - 125	2	20	11H0271	NUG4225-01	08/03/11 12:26
Manganese	0.0419	0.565		mg/L	0.500	105%	75 - 125	4	20	11H0271	NUG4225-01	08/03/11 12:26
Dissolved Metals by Method 6010C												
11H0269-MSD1												
Iron	ND	1.02		mg/L	1.00	102%	75 - 125	1	20	11H0269	NUG4225-01	08/08/11 12:39
Manganese	0.0326	0.540		mg/L	0.500	101%	75 - 125	0.3	20	11H0269	NUG4225-01	08/08/11 12:39

TestAmerica
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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUG4242
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	07/29/11 08:40

DATA QUALIFIERS AND DEFINITIONS

L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
L2	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was below acceptance limits.
ND	Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER REC

NUG4242

Cooler Received/Opened On 7/29/2011 @ 8:40

1. Tracking # 5983 (last 4 digits, FedEx)

Courier: FEDEX IR Gun ID 12080142

2. Temperature of rep. sample or temp blank when opened: 0.9 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...NO...(NA)

4. Were custody seals on outside of cooler? (YES)...NO...NA

If yes, how many and where: 1 front

5. Were the seals intact, signed, and dated correctly? (YES)...NO...NA

6. Were custody papers inside cooler? (YES)...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) RC

7. Were custody seals on containers: YES (NO) and Intact YES...NO...(NA)

Were these signed and dated correctly? YES...NO...(NA)

8. Packing mat'l used? (Bubblewrap) Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES)...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES)...NO...NA

12. Did all container labels and tags agree with custody papers? (YES)...NO...NA

13a. Were VOA vials received? (YES)...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...(NO)...NA

14. Was there a Trip Blank in this cooler? (YES)...NO...NA If multiple coolers, sequence # 1

I certify that I unloaded the cooler and answered questions 7-14 (intial) RC

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? (YES)...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used (YES)...NO...NA

16. Was residual chlorine present? YES...(NO)...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) MW

17. Were custody papers properly filled out (ink, signed, etc)? (YES)...NO...NA

18. Did you sign the custody papers in the appropriate place? (YES)...NO...NA

19. Were correct containers used for the analysis requested? (YES)...NO...NA

20. Was sufficient amount of sample sent in each container? (YES)...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) MW

I certify that I attached a label with the unique LIMS number to each container (intial) MW

21. Were there Non-Conformance issues at login? YES...(NO) Was a PIPE generated? YES...(NO)...# _____

BIS = Broken in shipment

NUG4242

08/12/11 23 59

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

Consultant Name: GES
Address: 364 Littleton Road
City/State/Zip: Westford, MA 01886

Consultant Project Mgr: Stefan Sokel

Consultant Telephone Number: 800-221-6119 Fax No.: 978-392-8583
Sampler Name: (Print) Vach Vedrek
Sampler Signature:

TA Account #:
Invoice To:
Report To: Stefan Sokel ssokel@gesonline.com
PO #:
PROJECT #: 1603978
Facility ID #
Site Address 133 GLEASON STREET
City, State, Zip FRAMINGHAM, MA
Regulatory District (CA)

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify)	Analyze For: VOCs (CAMs)	VPH	SVOCs (CAMs)	EPH	TOC	COD	total Fe & Mn	dissolved Fe & Mn	alkalinity	RUSH TAT (Pre-Schedule)*	TAT request (in Bus. Days)	Fax Results (yes or no)	Due Date of Report
MW-13	7/27/11	10:15	3	X					X		1				X						X									NUG4242-01			
MW-11	7/27/11	09:50	11	X					X		X		X	X	X						X				X	X	X	X	X				02

Comments/Special Instructions:
~~*~~ ACB
Meet GW-1/2/3 STDS, CAMs Methods, where available
with CAM IF OTHER THAN 10-DAY TURNAROUND NEEDED

Laboratory Comments:
Temperature Upon Receipt: 0.0c
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2 Level 3 Level 4 Other

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	7/27/11	14:00	GES STAFF [signature]	7/27/11	14:00
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
Stefan Sokel	7/28/11	1400	[signature]	7-28-11	1400

7-29-11 @ 0840

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

August 15, 2011 6:36:22PM

Client: GES Westford (10650)
364 Littleton Road, Suite 4
Westford, MA 01886
Attn: Stefon Sokol

Work Order: NUH0404
Project Name: General Chemical
Project Nbr: Framingham, MA
P/O Nbr: 1603978
Date Received: 08/03/11

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-10	NUH0404-01	08/01/11 10:50
Trip Blank	NUH0404-02	08/01/11 00:01

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. These results relate only to the items tested, and this report may not be reproduced except in full and with the permission of the Laboratory. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Certification Number: M-TN032

Additional Laboratory Comments:

Revised Report:

This report was revised on 8-15-11 to add the compound 1,1,2-Trifluorotrichloroethane to the Volatile list, per client request. This final report replaces the final report generated on 8-9-11 at 1611.

All samples were received in good condition, properly preserved, and properly labeled. All analyses were completed within holding times.

All no responses from the attached “MCP Response Action Analytical Report Certification Form” are addressed below.

G. The volatile reporting limit for tetrahydrofuran was above the MADEP CAM limits. The reporting limits did meet the client requested limits with the exception of 1,4-Dioxane under GW-1.

H. The volatile blank spike duplicate (LCSD) recovery for Acetone in batch 11H1892-BSD1was outside QC limits. Less than 10% of the analytes were outside criteria and the recoveries were within greater than 10%; therefore the data was accepted without further analysis.

The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH0404
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	08/03/11 08:30

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainty is available upon request.
This report has been electronically signed.
Report Approved By:



Jennifer Huckaba

Senior Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH0404
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	08/03/11 08:30

Sample Cooler Information

Lab ID	Cooler ID	Temp	Seals	Containers Intact	Preservation Confirmed	On Ice
	6041	1.2C	Yes	Yes	No	Yes

MassDEP Analytical Protocol Certification Form

Laboratory Name: TestAmerica Analytical Testing Corporation | Project #: Framingham, MA

Project Location: General Chemical | RTN:

This Form provides certifications for the following data set: list Laboratory Sample ID Number(s):

NUH0404

Matrices: (Groundwater)/Surface Water | Soil/Sediment | Drinking Water | Air | Other:

CAM Protocol (check all that apply below):

8260 VOC CAM II A X	7470/7471 Hg CAM III B	MassDEP VPH CAM IV A	8081 Pesticides CAM V B	7196 Hex Cr CAM VI B	MassDEP APH CAM IX A
8270 SVOC CAM II B	7010 Metals CAM III C	MassDEP EPH CAM IV B	8151 Herbicides CAM V C	8330 Explosives CAM VIII A	TO-15 VOC CAM IX B
6010 Metals CAM III A	6020 Metals CAM III D	8082 PCB CAM V A	9014 Total Cyanide/PAC CAM VI A	6860 Perchlorate CAM VIII B	

Affirmative Responses to Questions A through F are required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	(Yes) No
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	(Yes) No
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	(Yes) No
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	(Yes) No
E	VPH, EPH, APH, and TO-15 only: a. VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications). b. APH and TO-15 Methods only: Was the complete analyte list reported for each method?	Yes No Yes No
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	(Yes) No

Responses to Questions G, H and I below are required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	Yes (No[1])

***Data User Note:** Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.*

H	Were **all** QC performance standards specified in the CAM protocol(s) achieved?	Yes (No[1])
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	(Yes) No[1]

[1] *All negative responses must be addressed in an attached laboratory narrative.*

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: Jennifer Huckaba **Position:** Sr Proj Mgr.

Printed Name: Jennifer Huckaba **Date:** 8.15.11

Client	GES Westford (10650)	Work Order:	NUH0404
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	08/03/11 08:30

ANALYTICAL REPORT

Sample ID: NUH0404-01 (MW-10 - Ground Water) Sampled: 08/01/11 10:50

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	ND	ug/L	L	10.0	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Benzene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Bromobenzene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Bromochloromethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Bromodichloromethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Bromoform	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Bromomethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
2-Butanone	ND	ug/L		10.0	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
tert-Butylbenzene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
n-Butylbenzene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
sec-Butylbenzene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Carbon disulfide	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Carbon Tetrachloride	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Chlorobenzene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Chlorodibromomethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Chloroethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Chloroform	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Chloromethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
2-Chlorotoluene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
4-Chlorotoluene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Dibromomethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
1,2-Dichloroethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
1,1-Dichloroethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
1,1-Dichloroethene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
cis-1,2-Dichloroethene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
1,3-Dichloropropane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
2,2-Dichloropropane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
1,2-Dichloropropane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
1,1-Dichloropropene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Diethyl ether	ND	ug/L		2.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892

Client	GES Westford (10650)	Work Order:	NUH0404
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	08/03/11 08:30

ANALYTICAL REPORT

Sample ID: NUH0404-01 (MW-10 - Ground Water) - cont. Sampled: 08/01/11 10:50

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
1,4-Dioxane	ND	ug/L		200	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Ethylbenzene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Hexachlorobutadiene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
2-Hexanone	ND	ug/L		10.0	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Isopropylbenzene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Diisopropyl Ether	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
p-Isopropyltoluene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Methylene Chloride	ND	ug/L		2.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Naphthalene	ND	ug/L		2.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
n-Propylbenzene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Styrene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Tetrachloroethene	**2.55**	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Tetrahydrofuran	ND	ug/L		20.0	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Toluene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
1,1,1-Trichloroethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Trichloroethene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Trichlorofluoromethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Vinyl chloride	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Xylenes, total	ND	ug/L		2.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
1,1,2-Trifluorotrichloroethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:33	EML	SW846 8260B	11H1892
Surr: 1,2-Dichloroethane-d4 (70-130%)	*98 %*						08/05/11 16:33	EML	SW846 8260B	11H1892
Surr: Dibromofluoromethane (70-130%)	*99 %*						08/05/11 16:33	EML	SW846 8260B	11H1892
Surr: Toluene-d8 (70-130%)	*104 %*						08/05/11 16:33	EML	SW846 8260B	11H1892
Surr: 4-Bromofluorobenzene (70-130%)	*92 %*						08/05/11 16:33	EML	SW846 8260B	11H1892

Client	GES Westford (10650)	Work Order:	NUH0404
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	08/03/11 08:30

ANALYTICAL REPORT

Sample ID: NUH0404-02 (Trip Blank - Water) Sampled: 08/01/11 00:01

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	**25.6**	ug/L	L1	10.0	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Benzene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Bromobenzene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Bromochloromethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Bromodichloromethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Bromoform	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Bromomethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
2-Butanone	ND	ug/L		10.0	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
tert-Butylbenzene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
n-Butylbenzene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
sec-Butylbenzene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Carbon disulfide	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Carbon Tetrachloride	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Chlorobenzene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Chlorodibromomethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Chloroethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Chloroform	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Chloromethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
2-Chlorotoluene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
4-Chlorotoluene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Dibromomethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
1,2-Dichloroethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
1,1-Dichloroethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
1,1-Dichloroethene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
cis-1,2-Dichloroethene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
1,3-Dichloropropane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
2,2-Dichloropropane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
1,2-Dichloropropane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
1,1-Dichloropropene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Diethyl ether	ND	ug/L		2.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892

Client	GES Westford (10650)	Work Order:	NUH0404
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	08/03/11 08:30

ANALYTICAL REPORT

Sample ID: NUH0404-02 (Trip Blank - Water) - cont. Sampled: 08/01/11 00:01

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
1,4-Dioxane	ND	ug/L		200	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Ethylbenzene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Hexachlorobutadiene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
2-Hexanone	ND	ug/L		10.0	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Isopropylbenzene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Diisopropyl Ether	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
p-Isopropyltoluene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Methylene Chloride	ND	ug/L		2.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Naphthalene	ND	ug/L		2.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
n-Propylbenzene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Styrene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Tetrachloroethene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Tetrahydrofuran	ND	ug/L		20.0	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Toluene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
1,1,1-Trichloroethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Trichloroethene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Trichlorofluoromethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Vinyl chloride	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Xylenes, total	ND	ug/L		2.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
1,1,2-Trifluorotrichloroethane	ND	ug/L		1.00	1	08/05/11 10:48	08/05/11 16:05	EML	SW846 8260B	11H1892
Surr: 1,2-Dichloroethane-d4 (70-130%)	*96 %*						08/05/11 16:05	EML	SW846 8260B	11H1892
Surr: Dibromofluoromethane (70-130%)	*99 %*						08/05/11 16:05	EML	SW846 8260B	11H1892
Surr: Toluene-d8 (70-130%)	*105 %*						08/05/11 16:05	EML	SW846 8260B	11H1892
Surr: 4-Bromofluorobenzene (70-130%)	*91 %*						08/05/11 16:05	EML	SW846 8260B	11H1892

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH0404
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	08/03/11 08:30

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11H1892-BLK1						
Acetone	<5.00		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Tert-Amyl Methyl Ether	<0.170		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Benzene	<0.170		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Bromobenzene	<0.170		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Bromochloromethane	<0.240		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Bromodichloromethane	<0.180		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Bromoform	<0.180		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Bromomethane	<0.170		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
2-Butanone	<1.70		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
tert-Butylbenzene	<0.170		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
n-Butylbenzene	<0.180		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
sec-Butylbenzene	<0.170		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Carbon disulfide	<0.130		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Carbon Tetrachloride	<0.170		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Chlorobenzene	<0.190		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Chlorodibromomethane	<0.210		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Chloroethane	<0.210		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Chloroform	<0.170		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Chloromethane	<0.300		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
2-Chlorotoluene	<0.140		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
4-Chlorotoluene	<0.170		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
1,2-Dibromo-3-chloropropane	<0.270		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
1,2-Dibromoethane (EDB)	<0.180		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Dibromomethane	<0.160		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
1,2-Dichlorobenzene	<0.130		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
1,3-Dichlorobenzene	<0.140		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
1,4-Dichlorobenzene	<0.150		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Dichlorodifluoromethane	<0.140		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
1,2-Dichloroethane	<0.170		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
1,1-Dichloroethane	<0.170		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
1,1-Dichloroethene	<0.170		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
trans-1,2-Dichloroethene	<0.160		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
cis-1,2-Dichloroethene	<0.150		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
1,3-Dichloropropane	<0.110		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
2,2-Dichloropropane	<0.170		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
1,2-Dichloropropane	<0.180		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
trans-1,3-Dichloropropene	<0.170		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
1,1-Dichloropropene	<0.110		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
cis-1,3-Dichloropropene	<0.150		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Diethyl ether	<0.150		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
1,4-Dioxane	<18.0		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11

Client	GES Westford (10650)	Work Order:	NUH0404
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	08/03/11 08:30

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11H1892-BLK1						
Ethylbenzene	<0.170		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Ethyl tert-Butyl Ether	<0.170		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Hexachlorobutadiene	<0.260		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
2-Hexanone	<0.710		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Isopropylbenzene	<0.170		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Diisopropyl Ether	<0.170		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
p-Isopropyltoluene	<0.170		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Methyl tert-Butyl Ether	<0.170		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Methylene Chloride	<1.67		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
4-Methyl-2-pentanone	<3.30		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Naphthalene	<1.70		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
n-Propylbenzene	<0.170		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Styrene	<0.170		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
1,1,2,2-Tetrachloroethane	<0.140		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
1,1,1,2-Tetrachloroethane	<0.180		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Tetrachloroethene	<0.190		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Tetrahydrofuran	<3.30		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Toluene	<0.170		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
1,2,4-Trichlorobenzene	<0.180		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
1,2,3-Trichlorobenzene	<0.250		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
1,1,1-Trichloroethane	<0.170		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
1,1,2-Trichloroethane	<0.150		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Trichloroethene	<0.180		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Trichlorofluoromethane	<0.180		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
1,2,3-Trichloropropane	<0.270		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
1,3,5-Trimethylbenzene	<0.170		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
1,2,4-Trimethylbenzene	<0.170		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Vinyl chloride	<0.170		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Xylenes, total	<0.390		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
1,1,2-Trifluorotrichloroethane	<0.260		ug/L	11H1892	11H1892-BLK1	08/05/11 14:11
Surrogate: 1,2-Dichloroethane-d4	94%			11H1892	11H1892-BLK1	08/05/11 14:11
Surrogate: Dibromofluoromethane	99%			11H1892	11H1892-BLK1	08/05/11 14:11
Surrogate: Toluene-d8	103%			11H1892	11H1892-BLK1	08/05/11 14:11
Surrogate: 4-Bromofluorobenzene	92%			11H1892	11H1892-BLK1	08/05/11 14:11

Client	GES Westford (10650)	Work Order:	NUH0404
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	08/03/11 08:30

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11H1892-BS1								
Acetone	250	307		ug/L	123%	70 - 130	11H1892	08/05/11 12:17
Tert-Amyl Methyl Ether	50.0	42.7		ug/L	85%	70 - 130	11H1892	08/05/11 12:17
Benzene	50.0	51.8		ug/L	104%	70 - 130	11H1892	08/05/11 12:17
Bromobenzene	50.0	44.5		ug/L	89%	70 - 130	11H1892	08/05/11 12:17
Bromochloromethane	50.0	62.3		ug/L	125%	70 - 130	11H1892	08/05/11 12:17
Bromodichloromethane	50.0	46.4		ug/L	93%	70 - 130	11H1892	08/05/11 12:17
Bromoform	50.0	47.5		ug/L	95%	70 - 130	11H1892	08/05/11 12:17
Bromomethane	50.0	56.4		ug/L	113%	70 - 130	11H1892	08/05/11 12:17
2-Butanone	250	265		ug/L	106%	70 - 130	11H1892	08/05/11 12:17
tert-Butylbenzene	50.0	51.7		ug/L	103%	70 - 130	11H1892	08/05/11 12:17
n-Butylbenzene	50.0	54.8		ug/L	110%	70 - 130	11H1892	08/05/11 12:17
sec-Butylbenzene	50.0	52.3		ug/L	105%	70 - 130	11H1892	08/05/11 12:17
Carbon disulfide	50.0	59.6		ug/L	119%	70 - 130	11H1892	08/05/11 12:17
Carbon Tetrachloride	50.0	50.4		ug/L	101%	70 - 130	11H1892	08/05/11 12:17
Chlorobenzene	50.0	52.3		ug/L	105%	70 - 130	11H1892	08/05/11 12:17
Chlorodibromomethane	50.0	53.2		ug/L	106%	70 - 130	11H1892	08/05/11 12:17
Chloroethane	50.0	52.4		ug/L	105%	70 - 130	11H1892	08/05/11 12:17
Chloroform	50.0	55.1		ug/L	110%	70 - 130	11H1892	08/05/11 12:17
Chloromethane	50.0	36.9		ug/L	74%	70 - 130	11H1892	08/05/11 12:17
2-Chlorotoluene	50.0	46.5		ug/L	93%	70 - 130	11H1892	08/05/11 12:17
4-Chlorotoluene	50.0	48.6		ug/L	97%	70 - 130	11H1892	08/05/11 12:17
1,2-Dibromo-3-chloropropane	50.0	39.8		ug/L	80%	70 - 130	11H1892	08/05/11 12:17
1,2-Dibromoethane (EDB)	50.0	56.0		ug/L	112%	70 - 130	11H1892	08/05/11 12:17
Dibromomethane	50.0	50.6		ug/L	101%	70 - 130	11H1892	08/05/11 12:17
1,2-Dichlorobenzene	50.0	51.3		ug/L	103%	70 - 130	11H1892	08/05/11 12:17
1,3-Dichlorobenzene	50.0	50.4		ug/L	101%	70 - 130	11H1892	08/05/11 12:17
1,4-Dichlorobenzene	50.0	49.7		ug/L	99%	70 - 130	11H1892	08/05/11 12:17
Dichlorodifluoromethane	50.0	39.9		ug/L	80%	70 - 130	11H1892	08/05/11 12:17
1,2-Dichloroethane	50.0	46.6		ug/L	93%	70 - 130	11H1892	08/05/11 12:17
1,1-Dichloroethane	50.0	49.3		ug/L	99%	70 - 130	11H1892	08/05/11 12:17
1,1-Dichloroethene	50.0	57.0		ug/L	114%	70 - 130	11H1892	08/05/11 12:17
trans-1,2-Dichloroethene	50.0	49.3		ug/L	99%	70 - 130	11H1892	08/05/11 12:17
cis-1,2-Dichloroethene	50.0	50.5		ug/L	101%	70 - 130	11H1892	08/05/11 12:17
1,3-Dichloropropane	50.0	50.3		ug/L	101%	70 - 130	11H1892	08/05/11 12:17
2,2-Dichloropropane	50.0	48.0		ug/L	96%	70 - 130	11H1892	08/05/11 12:17
1,2-Dichloropropane	50.0	46.3		ug/L	93%	70 - 130	11H1892	08/05/11 12:17
trans-1,3-Dichloropropene	50.0	45.3		ug/L	91%	70 - 130	11H1892	08/05/11 12:17
1,1-Dichloropropene	50.0	50.8		ug/L	102%	70 - 130	11H1892	08/05/11 12:17
cis-1,3-Dichloropropene	50.0	49.7		ug/L	99%	70 - 130	11H1892	08/05/11 12:17
Diethyl ether	50.0	51.1		ug/L	102%	70 - 130	11H1892	08/05/11 12:17
1,4-Dioxane	5000	5380		ug/L	108%	70 - 130	11H1892	08/05/11 12:17

Client	GES Westford (10650)	Work Order:	NUH0404
	364 Littleton Road, Suite 4	Project Name:	General Chemical
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Attn	Stefon Sokol	Received:	08/03/11 08:30

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11H1892-BS1								
Ethylbenzene	50.0	54.4		ug/L	109%	70 - 130	11H1892	08/05/11 12:17
Ethyl tert-Butyl Ether	50.0	38.6		ug/L	77%	70 - 130	11H1892	08/05/11 12:17
Hexachlorobutadiene	50.0	48.5		ug/L	97%	70 - 130	11H1892	08/05/11 12:17
2-Hexanone	250	255		ug/L	102%	70 - 130	11H1892	08/05/11 12:17
Isopropylbenzene	50.0	62.0		ug/L	124%	70 - 130	11H1892	08/05/11 12:17
Diisopropyl Ether	50.0	48.9		ug/L	98%	70 - 130	11H1892	08/05/11 12:17
p-Isopropyltoluene	50.0	51.0		ug/L	102%	70 - 130	11H1892	08/05/11 12:17
Methyl tert-Butyl Ether	50.0	44.5		ug/L	89%	70 - 130	11H1892	08/05/11 12:17
Methylene Chloride	50.0	58.0		ug/L	116%	70 - 130	11H1892	08/05/11 12:17
4-Methyl-2-pentanone	250	255		ug/L	102%	70 - 130	11H1892	08/05/11 12:17
Naphthalene	50.0	49.6		ug/L	99%	70 - 130	11H1892	08/05/11 12:17
n-Propylbenzene	50.0	49.6		ug/L	99%	70 - 130	11H1892	08/05/11 12:17
Styrene	50.0	58.5		ug/L	117%	70 - 130	11H1892	08/05/11 12:17
1,1,2,2-Tetrachloroethane	50.0	47.5		ug/L	95%	70 - 130	11H1892	08/05/11 12:17
1,1,1,2-Tetrachloroethane	50.0	52.5		ug/L	105%	70 - 130	11H1892	08/05/11 12:17
Tetrachloroethene	50.0	52.6		ug/L	105%	70 - 130	11H1892	08/05/11 12:17
Tetrahydrofuran	500	490		ug/L	98%	70 - 130	11H1892	08/05/11 12:17
Toluene	50.0	54.7		ug/L	109%	70 - 130	11H1892	08/05/11 12:17
1,2,4-Trichlorobenzene	50.0	49.2		ug/L	98%	70 - 130	11H1892	08/05/11 12:17
1,2,3-Trichlorobenzene	50.0	48.3		ug/L	97%	70 - 130	11H1892	08/05/11 12:17
1,1,1-Trichloroethane	50.0	50.6		ug/L	101%	70 - 130	11H1892	08/05/11 12:17
1,1,2-Trichloroethane	50.0	53.8		ug/L	108%	70 - 130	11H1892	08/05/11 12:17
Trichloroethene	50.0	53.5		ug/L	107%	70 - 130	11H1892	08/05/11 12:17
Trichlorofluoromethane	50.0	48.9		ug/L	98%	70 - 130	11H1892	08/05/11 12:17
1,2,3-Trichloropropane	50.0	45.8		ug/L	92%	70 - 130	11H1892	08/05/11 12:17
1,3,5-Trimethylbenzene	50.0	50.6		ug/L	101%	70 - 130	11H1892	08/05/11 12:17
1,2,4-Trimethylbenzene	50.0	50.1		ug/L	100%	70 - 130	11H1892	08/05/11 12:17
Vinyl chloride	50.0	46.2		ug/L	92%	70 - 130	11H1892	08/05/11 12:17
Xylenes, total	150	166		ug/L	111%	70 - 130	11H1892	08/05/11 12:17
1,1,2-Trifluorotrichloroethane	50.0	58.9		ug/L	118%	73 - 134	11H1892	08/05/11 12:17
Surrogate: 1,2-Dichloroethane-d4	25.0	23.1			92%	70 - 130	11H1892	08/05/11 12:17
Surrogate: Dibromofluoromethane	25.0	26.5			106%	70 - 130	11H1892	08/05/11 12:17
Surrogate: Toluene-d8	25.0	25.9			104%	70 - 130	11H1892	08/05/11 12:17
Surrogate: 4-Bromofluorobenzene	25.0	20.8			83%	70 - 130	11H1892	08/05/11 12:17

Client	GES Westford (10650)	Work Order:	NUH0404
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	08/03/11 08:30

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11H1892-BSD1												
Acetone		344	L1	ug/L	250	138%	70 - 130	11	25	11H1892		08/05/11 12:46
Tert-Amyl Methyl Ether		42.5		ug/L	50.0	85%	70 - 130	0.6	25	11H1892		08/05/11 12:46
Benzene		51.5		ug/L	50.0	103%	70 - 130	0.6	25	11H1892		08/05/11 12:46
Bromobenzene		43.9		ug/L	50.0	88%	70 - 130	1	25	11H1892		08/05/11 12:46
Bromochloromethane		62.5		ug/L	50.0	125%	70 - 130	0.3	25	11H1892		08/05/11 12:46
Bromodichloromethane		45.6		ug/L	50.0	91%	70 - 130	2	25	11H1892		08/05/11 12:46
Bromoform		45.5		ug/L	50.0	91%	70 - 130	4	25	11H1892		08/05/11 12:46
Bromomethane		56.6		ug/L	50.0	113%	70 - 130	0.4	25	11H1892		08/05/11 12:46
2-Butanone		284		ug/L	250	114%	70 - 130	7	25	11H1892		08/05/11 12:46
tert-Butylbenzene		48.7		ug/L	50.0	97%	70 - 130	6	25	11H1892		08/05/11 12:46
n-Butylbenzene		48.3		ug/L	50.0	97%	70 - 130	13	25	11H1892		08/05/11 12:46
sec-Butylbenzene		48.2		ug/L	50.0	96%	70 - 130	8	25	11H1892		08/05/11 12:46
Carbon disulfide		56.4		ug/L	50.0	113%	70 - 130	5	25	11H1892		08/05/11 12:46
Carbon Tetrachloride		50.7		ug/L	50.0	101%	70 - 130	0.6	25	11H1892		08/05/11 12:46
Chlorobenzene		50.9		ug/L	50.0	102%	70 - 130	3	25	11H1892		08/05/11 12:46
Chlorodibromomethane		51.8		ug/L	50.0	104%	70 - 130	3	25	11H1892		08/05/11 12:46
Chloroethane		52.8		ug/L	50.0	106%	70 - 130	0.6	25	11H1892		08/05/11 12:46
Chloroform		54.7		ug/L	50.0	109%	70 - 130	0.6	25	11H1892		08/05/11 12:46
Chloromethane		37.0		ug/L	50.0	74%	70 - 130	0.2	25	11H1892		08/05/11 12:46
2-Chlorotoluene		45.2		ug/L	50.0	90%	70 - 130	3	25	11H1892		08/05/11 12:46
4-Chlorotoluene		46.7		ug/L	50.0	93%	70 - 130	4	25	11H1892		08/05/11 12:46
1,2-Dibromo-3-chloropropane		39.7		ug/L	50.0	79%	70 - 130	0.4	25	11H1892		08/05/11 12:46
1,2-Dibromoethane (EDB)		54.4		ug/L	50.0	109%	70 - 130	3	25	11H1892		08/05/11 12:46
Dibromomethane		50.5		ug/L	50.0	101%	70 - 130	0.2	25	11H1892		08/05/11 12:46
1,2-Dichlorobenzene		48.5		ug/L	50.0	97%	70 - 130	6	25	11H1892		08/05/11 12:46
1,3-Dichlorobenzene		47.6		ug/L	50.0	95%	70 - 130	6	25	11H1892		08/05/11 12:46
1,4-Dichlorobenzene		47.7		ug/L	50.0	95%	70 - 130	4	25	11H1892		08/05/11 12:46
Dichlorodifluoromethane		40.3		ug/L	50.0	81%	70 - 130	1	25	11H1892		08/05/11 12:46
1,2-Dichloroethane		46.8		ug/L	50.0	94%	70 - 130	0.3	25	11H1892		08/05/11 12:46
1,1-Dichloroethane		48.7		ug/L	50.0	97%	70 - 130	1	25	11H1892		08/05/11 12:46
1,1-Dichloroethene		56.4		ug/L	50.0	113%	70 - 130	0.9	25	11H1892		08/05/11 12:46
trans-1,2-Dichloroethene		48.6		ug/L	50.0	97%	70 - 130	1	25	11H1892		08/05/11 12:46
cis-1,2-Dichloroethene		49.5		ug/L	50.0	99%	70 - 130	2	25	11H1892		08/05/11 12:46
1,3-Dichloropropane		49.0		ug/L	50.0	98%	70 - 130	3	25	11H1892		08/05/11 12:46
2,2-Dichloropropane		46.6		ug/L	50.0	93%	70 - 130	3	25	11H1892		08/05/11 12:46
1,2-Dichloropropane		45.6		ug/L	50.0	91%	70 - 130	2	25	11H1892		08/05/11 12:46
trans-1,3-Dichloropropene		43.7		ug/L	50.0	87%	70 - 130	4	25	11H1892		08/05/11 12:46
1,1-Dichloropropene		53.6		ug/L	50.0	107%	70 - 130	5	25	11H1892		08/05/11 12:46
cis-1,3-Dichloropropene		48.6		ug/L	50.0	97%	70 - 130	2	25	11H1892		08/05/11 12:46
Diethyl ether		51.0		ug/L	50.0	102%	70 - 130	0.2	25	11H1892		08/05/11 12:46
1,4-Dioxane		5300		ug/L	5000	106%	70 - 130	2	25	11H1892		08/05/11 12:46

Client	GES Westford (10650)	Work Order:	NUH0404
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	08/03/11 08:30

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11H1892-BSD1												
Ethylbenzene		52.1		ug/L	50.0	104%	70 - 130	4	25	11H1892		08/05/11 12:46
Ethyl tert-Butyl Ether		38.5		ug/L	50.0	77%	70 - 130	0.3	25	11H1892		08/05/11 12:46
Hexachlorobutadiene		41.7		ug/L	50.0	83%	70 - 130	15	25	11H1892		08/05/11 12:46
2-Hexanone		260		ug/L	250	104%	70 - 130	2	25	11H1892		08/05/11 12:46
Isopropylbenzene		57.4		ug/L	50.0	115%	70 - 130	8	25	11H1892		08/05/11 12:46
Diisopropyl Ether		48.7		ug/L	50.0	97%	70 - 130	0.5	25	11H1892		08/05/11 12:46
p-Isopropyltoluene		47.0		ug/L	50.0	94%	70 - 130	8	25	11H1892		08/05/11 12:46
Methyl tert-Butyl Ether		44.6		ug/L	50.0	89%	70 - 130	0.3	25	11H1892		08/05/11 12:46
Methylene Chloride		58.0		ug/L	50.0	116%	70 - 130	0.02	25	11H1892		08/05/11 12:46
4-Methyl-2-pentanone		254		ug/L	250	101%	70 - 130	0.5	25	11H1892		08/05/11 12:46
Naphthalene		46.9		ug/L	50.0	94%	70 - 130	6	25	11H1892		08/05/11 12:46
n-Propylbenzene		47.4		ug/L	50.0	95%	70 - 130	4	25	11H1892		08/05/11 12:46
Styrene		55.8		ug/L	50.0	112%	70 - 130	5	25	11H1892		08/05/11 12:46
1,1,2,2-Tetrachloroethane		47.4		ug/L	50.0	95%	70 - 130	0.2	25	11H1892		08/05/11 12:46
1,1,1,2-Tetrachloroethane		51.5		ug/L	50.0	103%	70 - 130	2	25	11H1892		08/05/11 12:46
Tetrachloroethene		50.8		ug/L	50.0	102%	70 - 130	3	25	11H1892		08/05/11 12:46
Tetrahydrofuran		484		ug/L	500	97%	70 - 130	1	25	11H1892		08/05/11 12:46
Toluene		53.3		ug/L	50.0	107%	70 - 130	3	25	11H1892		08/05/11 12:46
1,2,4-Trichlorobenzene		43.6		ug/L	50.0	87%	70 - 130	12	25	11H1892		08/05/11 12:46
1,2,3-Trichlorobenzene		43.1		ug/L	50.0	86%	70 - 130	11	25	11H1892		08/05/11 12:46
1,1,1-Trichloroethane		56.6		ug/L	50.0	113%	70 - 130	11	25	11H1892		08/05/11 12:46
1,1,2-Trichloroethane		53.2		ug/L	50.0	106%	70 - 130	1	25	11H1892		08/05/11 12:46
Trichloroethene		52.6		ug/L	50.0	105%	70 - 130	2	25	11H1892		08/05/11 12:46
Trichlorofluoromethane		48.6		ug/L	50.0	97%	70 - 130	0.5	25	11H1892		08/05/11 12:46
1,2,3-Trichloropropane		46.2		ug/L	50.0	92%	70 - 130	0.9	25	11H1892		08/05/11 12:46
1,3,5-Trimethylbenzene		48.9		ug/L	50.0	98%	70 - 130	4	25	11H1892		08/05/11 12:46
1,2,4-Trimethylbenzene		47.7		ug/L	50.0	95%	70 - 130	5	25	11H1892		08/05/11 12:46
Vinyl chloride		46.0		ug/L	50.0	92%	70 - 130	0.5	25	11H1892		08/05/11 12:46
Xylenes, total		159		ug/L	150	106%	70 - 130	4	25	11H1892		08/05/11 12:46
1,1,2-Trifluorotrichloroethane		59.0		ug/L	50.0	118%	73 - 134	0.05	17	11H1892		08/05/11 12:46
Surrogate: 1,2-Dichloroethane-d4		23.5		ug/L	25.0	94%	70 - 130			11H1892		08/05/11 12:46
Surrogate: Dibromofluoromethane		30.3		ug/L	25.0	121%	70 - 130			11H1892		08/05/11 12:46
Surrogate: Toluene-d8		25.8		ug/L	25.0	103%	70 - 130			11H1892		08/05/11 12:46
Surrogate: 4-Bromofluorobenzene		21.7		ug/L	25.0	87%	70 - 130			11H1892		08/05/11 12:46

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH0404
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefon Sokol	Received:	08/03/11 08:30

DATA QUALIFIERS AND DEFINITIONS

L Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.

L1 Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.

ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RE

NUH0404

Cooler Received/Opened On_08/03/11 @ 08:30

1. Tracking # 6041 (last 4 digi

Courier: ___FED-EX IR-GUN-97310166

2. Temperature of rep. sample or temp blank when opened: 1.2 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1-FRONT

5. Were the seals intact, signed, and dated correctly? YES..NO...NA

6. Were custody papers inside cooler? YES..NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) J.G.

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

b. Did the bottle labels indicate that the correct preservatives were used YES..NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) J.G.

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) J.G.

I certify that I attached a label with the unique LIMS number to each container (intial) J.G.

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#_____

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

NUH0404
08/17/11 23:59

Consultant Name: GES, Inc.
Address: 364 Littleton Road
City/State/Zip: Westford, MA 01886
Consultant Project Mgr: ~~Jeff Walcott x3250~~ Stefan Sokol
Consultant Telephone Number: 800 221 6119 X3252 Fax No.:
Sampler Name: (Print)
Sampler Signature:

PO #: Invoice GES
Invoice To: GES, Inc.
Report To: Stefan Sokol
Project Name: General Chemical Project # 160399728
Site Address 133 Leland Street
City, State, Zip Framingham, MA
Regulatory District (CA) N/A

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: VOCs via EPA Method 8260	RUSH TAT (Pre-Schedule) *	TAT request (in Bus. Days)	Fax Results (yes or no)	Due Date of Report
MW-10	8/1/11	10:50	3	X			1								X						X				
TRIP BLANK	8/1/11	—	1				1								X						X				

Comments/Special Instructions: Please use CAM methodology and reporting format. GW-2/3 detection limits are required. and GW1

Laboratory Comments:
Temperature Upon Receipt: 1.2
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2 Level 3 Other
*It will be the responsibility of ExxonMobil or its consultant to notify the TestAmerica Project Manager by phone or fax that a rush sample will be submitted.
TA Project Manager: Date:

Relinquished by:	Date	Time	Received by:	Date	Time
	8/1/11	12:45	GES Stefan Sokol	8/1/11	12:46
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
Stefan Sokol	[redacted]	1130	ORBL	8-2-11	11:30
				8/3/11	830

TestAmerica
ANALYTICAL TESTING CORPORATION

NASHVILLE ALERT FORM FOR SAMPLE LOGIN

This form is to be emailed only to the appropriate parties. The email will serve as the document control of the date and time received/sent.

ALERT INFORMATION

Project TAT **4- DAY** **Documentation Level: II III IV**

Client Name:	**GES WESTFORD (10650)**
Client Number:	**10650**
Project Name:	**GENERAL CHEMICAL**
Project Number:	**133 Lealand Street, Framingham, MA**
Date to receive cooler:	**Today 8-3-11**
How many samples are there?	**1 (MW-10) + TRIP BLANK**
Matrix?	**GW**
What tests will be on the COC?	**8260 – will tag for MADEP FULL LIST**
Will a copy of the COC be faxed?	YES or NO Please highlight or circle the appropriate answer.
Is this Project TAT Pre-Approved?	**YES** or NO Please highlight/circle the appropriate answer. Login, for pre-approved projects, please answer demographic "Approved Rush (YES)?" (60271) for every sample

PURPOSE OF THIS ALERT:

Project changes prior to sample login: **CHANGE TO 4-DAY TAT, DUE ON 8-9-11.**

LOGIN: REMEMBER TO ALWAYS PRINT CLIENT NOTES, WHEN APPLICABLE.

Project Manager & Extension: **Jennifer Huckaba** **x1118**

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

September 01, 2011 9:31:35AM

Client: GES Westford (10650)
364 Littleton Road, Suite 4
Westford, MA 01886
Attn: Stefan Sokol

Work Order: NUH3465
Project Name: General Chemical
Project Nbr: Framingham, MA
P/O Nbr: 1603978
Date Received: 08/25/11

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Trip Blank	NUH3465-01	08/23/11 00:01
RW-5D	NUH3465-02	08/23/11 10:50
GZ-4R	NUH3465-03	08/23/11 11:50
CDW-19S	NUH3465-04	08/23/11 13:10
GZ-18S	NUH3465-05	08/23/11 14:00
GZ-15D	NUH3465-06	08/23/11 15:00
CDW-10	NUH3465-07	08/23/11 16:05

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. These results relate only to the items tested, and this report may not be reproduced except in full and with the permission of the Laboratory. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

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Certification Number: M-TN032

Additional Laboratory Comments:
All samples were received in good condition, properly preserved, and properly labeled. All analyses were completed within holding times.

All no responses from the attached “MCP Response Action Analytical Report Certification Form” are addressed below.

G. The volatile reporting limit for tetrahydrofuran was above the MADEP CAM limits. There were no other reporting limits required.

H. The volatile blank spike / blank spike duplicate (LCS/LCSD) recoveries for Acetone and 1,4-Dioxane in batch 11H7109 and 1,4-Dioxane in batch 11H7236 were outside QC limits. The recoveries were elevated and the associated samples were non-detect at the reporting limit; therefore the data was accepted without further analysis.

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainty is available upon request.
This report has been electronically signed.
Report Approved By:



Jennifer Huckaba

Senior Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

Sample Cooler Information

Lab ID	Cooler ID	Temp	Seals	Containers Intact	Preservation Confirmed	On Ice
	1037	1.C	Yes	Yes	No	Yes

MassDEP Analytical Protocol Certification Form

Laboratory Name: TestAmerica Analytical Testing Corporation Project #: Framingham, MA

Project Location: General Chemical RTN:

This Form provides certifications for the following data set: list Laboratory Sample ID Number(s):

NUH3465

Matrices: Groundwater/Surface Water Soil/Sediment Drinking Water Air Other:

CAM Protocol (check all that apply below):

8260 VOC CAM II A X	7470/7471 Hg CAM III B	MassDEP VPH CAM IV A	8081 Pesticides CAM V B	7196 Hex Cr CAM VI B	MassDEP APH CAM IX A
8270 SVOC CAM II B	7010 Metals CAM III C	MassDEP EPH CAM IV B	8151 Herbicides CAM V C	8330 Explosives CAM VIII A	TO-15 VOC CAM IX B
6010 Metals CAM III A	6020 Metals CAM III D	8082 PCB CAM V A	9014 Total Cyanide/PAC CAM VI A	6860 Perchlorate CAM VIII B	

Affirmative Responses to Questions A through F are required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	(Yes) No
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	(Yes) No
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	(Yes) No
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	(Yes) No
E	VPH, EPH, APH, and TO-15 only: a. VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications). b. APH and TO-15 Methods only: Was the complete analyte list reported for each method?	Yes No Yes No
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	(Yes) No

Responses to Questions G, H and I below are required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	Yes (No[1])

***Data User Note:** Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.*

H	Were **all** QC performance standards specified in the CAM protocol(s) achieved?	Yes (No[1])
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	(Yes) No[1]

[1] *All negative responses must be addressed in an attached laboratory narrative.*

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: Jennifer Huckaba **Position:** Sr Proj Mgr.

Printed Name: Jennifer Huckaba **Date:** 9-1-11

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

ANALYTICAL REPORT

Sample ID: NUH3465-01 (Trip Blank - Water) Sampled: 08/23/11 00:01

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	ND	ug/L	L	10.0	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Benzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Bromobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Bromochloromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Bromodichloromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Bromoform	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Bromomethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
2-Butanone	ND	ug/L		10.0	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
tert-Butylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
n-Butylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
sec-Butylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Carbon disulfide	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Carbon Tetrachloride	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Chlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Chlorodibromomethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Chloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Chloroform	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Chloromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
2-Chlorotoluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
4-Chlorotoluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Dibromomethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
1,2-Dichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
1,1-Dichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
1,1-Dichloroethene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
cis-1,2-Dichloroethene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
1,3-Dichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
2,2-Dichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
1,2-Dichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
1,1-Dichloropropene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Diethyl ether	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3465-01 (Trip Blank - Water) - cont. Sampled: 08/23/11 00:01										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L	L	200	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Ethylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Hexachlorobutadiene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
2-Hexanone	ND	ug/L		10.0	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Isopropylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Diisopropyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
p-Isopropyltoluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Methylene Chloride	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Naphthalene	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
n-Propylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Styrene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Tetrachloroethene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Tetrahydrofuran	ND	ug/L		20.0	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Toluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
1,1,1-Trichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Trichloroethene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Trichlorofluoromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Vinyl chloride	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Xylenes, total	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
1,1,2-Trifluorotrichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 15:46	EML	SW846 8260B	11H7109
Surr: 1,2-Dichloroethane-d4 (70-130%)	*95 %*						08/28/11 15:46	EML	SW846 8260B	11H7109
Surr: Dibromofluoromethane (70-130%)	*102 %*						08/28/11 15:46	EML	SW846 8260B	11H7109
Surr: Toluene-d8 (70-130%)	*100 %*						08/28/11 15:46	EML	SW846 8260B	11H7109
Surr: 4-Bromofluorobenzene (70-130%)	*93 %*						08/28/11 15:46	EML	SW846 8260B	11H7109

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

ANALYTICAL REPORT

Sample ID: NUH3465-02 (RW-5D - Water) Sampled: 08/23/11 10:50

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	ND	ug/L	L	10.0	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Benzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Bromobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Bromochloromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Bromodichloromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Bromoform	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Bromomethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
2-Butanone	ND	ug/L		10.0	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
tert-Butylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
n-Butylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
sec-Butylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Carbon disulfide	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Carbon Tetrachloride	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Chlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Chlorodibromomethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Chloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Chloroform	**1.44**	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Chloromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
2-Chlorotoluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
4-Chlorotoluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Dibromomethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
1,2-Dichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
1,1-Dichloroethane	**45.2**	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
1,1-Dichloroethene	**162**	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
trans-1,2-Dichloroethene	**35.8**	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
cis-1,2-Dichloroethene	**2250**	ug/L		20.0	20	08/29/11 19:44	08/30/11 01:15	EML	SW846 8260B	11H7188
1,3-Dichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
2,2-Dichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
1,2-Dichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
1,1-Dichloropropene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Diethyl ether	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3465-02 (RW-5D - Water) - cont. Sampled: 08/23/11 10:50										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L	L	200	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Ethylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Hexachlorobutadiene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
2-Hexanone	ND	ug/L		10.0	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Isopropylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Diisopropyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
p-Isopropyltoluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Methyl tert-Butyl Ether	**1.08**	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Methylene Chloride	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Naphthalene	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
n-Propylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Styrene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Tetrachloroethene	**795**	ug/L		20.0	20	08/29/11 19:44	08/30/11 01:15	EML	SW846 8260B	11H7188
Tetrahydrofuran	ND	ug/L		20.0	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Toluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
1,1,1-Trichloroethane	**1800**	ug/L		20.0	20	08/29/11 19:44	08/30/11 01:15	EML	SW846 8260B	11H7188
1,1,2-Trichloroethane	**1.66**	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Trichloroethene	**1630**	ug/L		20.0	20	08/29/11 19:44	08/30/11 01:15	EML	SW846 8260B	11H7188
Trichlorofluoromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Vinyl chloride	**3.89**	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Xylenes, total	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
1,1,2-Trifluorotrichloroethane	**192**	ug/L		1.00	1	08/28/11 12:01	08/28/11 17:38	EML	SW846 8260B	11H7109
Surr: 1,2-Dichloroethane-d4 (70-130%)	*94 %*						08/28/11 17:38	EML	SW846 8260B	11H7109
Surr: 1,2-Dichloroethane-d4 (70-130%)	*92 %*						08/30/11 01:15	EML	SW846 8260B	11H7188
Surr: Dibromofluoromethane (70-130%)	*103 %*						08/28/11 17:38	EML	SW846 8260B	11H7109
Surr: Dibromofluoromethane (70-130%)	*105 %*						08/30/11 01:15	EML	SW846 8260B	11H7188
Surr: Toluene-d8 (70-130%)	*100 %*						08/28/11 17:38	EML	SW846 8260B	11H7109
Surr: Toluene-d8 (70-130%)	*101 %*						08/30/11 01:15	EML	SW846 8260B	11H7188
Surr: 4-Bromofluorobenzene (70-130%)	*95 %*						08/28/11 17:38	EML	SW846 8260B	11H7109
Surr: 4-Bromofluorobenzene (70-130%)	*96 %*						08/30/11 01:15	EML	SW846 8260B	11H7188

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3465-03 (GZ-4R - Water) Sampled: 08/23/11 11:50										
Volatile Organic Compounds by EPA Method 8260B										
Acetone	ND	ug/L		10.0	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Benzene	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Bromobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Bromochloromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Bromodichloromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Bromoform	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Bromomethane	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
2-Butanone	ND	ug/L		10.0	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
tert-Butylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
n-Butylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
sec-Butylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Carbon disulfide	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Carbon Tetrachloride	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Chlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Chlorodibromomethane	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Chloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Chloroform	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Chloromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
2-Chlorotoluene	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
4-Chlorotoluene	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Dibromomethane	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
1,2-Dichloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
1,1-Dichloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
1,1-Dichloroethene	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
cis-1,2-Dichloroethene	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
1,3-Dichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
2,2-Dichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
1,2-Dichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
1,1-Dichloropropene	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Diethyl ether	ND	ug/L		2.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3465-03 (GZ-4R - Water) - cont. Sampled: 08/23/11 11:50										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L		200	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Ethylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Hexachlorobutadiene	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
2-Hexanone	ND	ug/L		10.0	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Isopropylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Diisopropyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
p-Isopropyltoluene	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Methylene Chloride	ND	ug/L		2.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Naphthalene	ND	ug/L		2.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
n-Propylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Styrene	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Tetrachloroethene	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Tetrahydrofuran	ND	ug/L		20.0	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Toluene	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
1,1,1-Trichloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Trichloroethene	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Trichlorofluoromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Vinyl chloride	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Xylenes, total	ND	ug/L		2.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
1,1,2-Trifluorotrichloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/29/11 22:58	EML	SW846 8260B	11H7188
Surr: 1,2-Dichloroethane-d4 (70-130%)	*93 %*						08/29/11 22:58	EML	SW846 8260B	11H7188
Surr: Dibromofluoromethane (70-130%)	*103 %*						08/29/11 22:58	EML	SW846 8260B	11H7188
Surr: Toluene-d8 (70-130%)	*100 %*						08/29/11 22:58	EML	SW846 8260B	11H7188
Surr: 4-Bromofluorobenzene (70-130%)	*93 %*						08/29/11 22:58	EML	SW846 8260B	11H7188

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3465-04 (CDW-19S - Water) Sampled: 08/23/11 13:10										
Volatile Organic Compounds by EPA Method 8260B										
Acetone	ND	ug/L	L	10.0	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Benzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Bromobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Bromochloromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Bromodichloromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Bromoform	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Bromomethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
2-Butanone	ND	ug/L		10.0	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
tert-Butylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
n-Butylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
sec-Butylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Carbon disulfide	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Carbon Tetrachloride	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Chlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Chlorodibromomethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Chloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Chloroform	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Chloromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
2-Chlorotoluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
4-Chlorotoluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Dibromomethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
1,2-Dichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
1,1-Dichloroethane	**19.8**	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
1,1-Dichloroethene	**38.1**	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
trans-1,2-Dichloroethene	**8.76**	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
cis-1,2-Dichloroethene	**1470**	ug/L		10.0	10	08/29/11 19:44	08/30/11 00:48	EML	SW846 8260B	11H7188
1,3-Dichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
2,2-Dichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
1,2-Dichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
1,1-Dichloropropene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Diethyl ether	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

ANALYTICAL REPORT

Sample ID: NUH3465-04 (CDW-19S - Water) - cont. Sampled: 08/23/11 13:10

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
1,4-Dioxane	ND	ug/L	L	200	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Ethylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Hexachlorobutadiene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
2-Hexanone	ND	ug/L		10.0	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Isopropylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Diisopropyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
p-Isopropyltoluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Methylene Chloride	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Naphthalene	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
n-Propylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Styrene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Tetrachloroethene	**225**	ug/L		10.0	10	08/29/11 19:44	08/30/11 00:48	EML	SW846 8260B	11H7188
Tetrahydrofuran	ND	ug/L		20.0	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Toluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
1,1,1-Trichloroethane	**290**	ug/L		10.0	10	08/29/11 19:44	08/30/11 00:48	EML	SW846 8260B	11H7188
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Trichloroethene	**1320**	ug/L		10.0	10	08/29/11 19:44	08/30/11 00:48	EML	SW846 8260B	11H7188
Trichlorofluoromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Vinyl chloride	**1.88**	ug/L		1.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
Xylenes, total	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 18:33	EML	SW846 8260B	11H7109
1,1,2-Trifluorotrichloroethane	**273**	ug/L		10.0	10	08/29/11 19:44	08/30/11 00:48	EML	SW846 8260B	11H7188
Surr: 1,2-Dichloroethane-d4 (70-130%)	*94 %*						08/28/11 18:33	EML	SW846 8260B	11H7109
Surr: 1,2-Dichloroethane-d4 (70-130%)	*94 %*						08/30/11 00:48	EML	SW846 8260B	11H7188
Surr: Dibromofluoromethane (70-130%)	*105 %*						08/28/11 18:33	EML	SW846 8260B	11H7109
Surr: Dibromofluoromethane (70-130%)	*103 %*						08/30/11 00:48	EML	SW846 8260B	11H7188
Surr: Toluene-d8 (70-130%)	*100 %*						08/28/11 18:33	EML	SW846 8260B	11H7109
Surr: Toluene-d8 (70-130%)	*102 %*						08/30/11 00:48	EML	SW846 8260B	11H7188
Surr: 4-Bromofluorobenzene (70-130%)	*96 %*						08/28/11 18:33	EML	SW846 8260B	11H7109
Surr: 4-Bromofluorobenzene (70-130%)	*95 %*						08/30/11 00:48	EML	SW846 8260B	11H7188

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

ANALYTICAL REPORT

Sample ID: NUH3465-05 (GZ-18S - Water) Sampled: 08/23/11 14:00

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	ND	ug/L		10.0	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Benzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Bromobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Bromochloromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Bromodichloromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Bromoform	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Bromomethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
2-Butanone	ND	ug/L		10.0	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
tert-Butylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
n-Butylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
sec-Butylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Carbon disulfide	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Carbon Tetrachloride	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Chlorobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Chlorodibromomethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Chloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Chloroform	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Chloromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
2-Chlorotoluene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
4-Chlorotoluene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Dibromomethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
1,2-Dichloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
1,1-Dichloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
1,1-Dichloroethene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
cis-1,2-Dichloroethene	**8.74**	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
1,3-Dichloropropane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
2,2-Dichloropropane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
1,2-Dichloropropane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
1,1-Dichloropropene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Diethyl ether	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3465-05 (GZ-18S - Water) - cont. Sampled: 08/23/11 14:00										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L	L	200	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Ethylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Hexachlorobutadiene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
2-Hexanone	ND	ug/L		10.0	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Isopropylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Diisopropyl Ether	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
p-Isopropyltoluene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Methylene Chloride	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Naphthalene	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
n-Propylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Styrene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Tetrachloroethene	**1.65**	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Tetrahydrofuran	ND	ug/L		20.0	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Toluene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
1,1,1-Trichloroethane	**1.24**	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Trichloroethene	**7.61**	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Trichlorofluoromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Vinyl chloride	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Xylenes, total	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
1,1,2-Trifluorotrichloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:38	EML	SW846 8260B	11H7236
Surr: 1,2-Dichloroethane-d4 (70-130%)	*109 %*						08/30/11 16:38	EML	SW846 8260B	11H7236
Surr: Dibromofluoromethane (70-130%)	*98 %*						08/30/11 16:38	EML	SW846 8260B	11H7236
Surr: Toluene-d8 (70-130%)	*100 %*						08/30/11 16:38	EML	SW846 8260B	11H7236
Surr: 4-Bromofluorobenzene (70-130%)	*102 %*						08/30/11 16:38	EML	SW846 8260B	11H7236

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3465-06 (GZ-15D - Water) Sampled: 08/23/11 15:00										
Volatile Organic Compounds by EPA Method 8260B										
Acetone	ND	ug/L		10.0	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Benzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Bromobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Bromochloromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Bromodichloromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Bromoform	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Bromomethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
2-Butanone	ND	ug/L		10.0	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
tert-Butylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
n-Butylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
sec-Butylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Carbon disulfide	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Carbon Tetrachloride	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Chlorobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Chlorodibromomethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Chloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Chloroform	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Chloromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
2-Chlorotoluene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
4-Chlorotoluene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Dibromomethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
1,2-Dichloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
1,1-Dichloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
1,1-Dichloroethene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
cis-1,2-Dichloroethene	**3.18**	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
1,3-Dichloropropane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
2,2-Dichloropropane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
1,2-Dichloropropane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
1,1-Dichloropropene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Diethyl ether	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3465-06 (GZ-15D - Water) - cont. Sampled: 08/23/11 15:00										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L	L	200	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Ethylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Hexachlorobutadiene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
2-Hexanone	ND	ug/L		10.0	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Isopropylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Diisopropyl Ether	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
p-Isopropyltoluene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Methylene Chloride	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Naphthalene	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
n-Propylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Styrene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Tetrachloroethene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Tetrahydrofuran	ND	ug/L		20.0	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Toluene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
1,1,1-Trichloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Trichloroethene	**3.33**	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Trichlorofluoromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Vinyl chloride	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Xylenes, total	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
1,1,2-Trifluorotrichloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:05	EML	SW846 8260B	11H7236
Surr: 1,2-Dichloroethane-d4 (70-130%)	*109 %*						08/30/11 17:05	EML	SW846 8260B	11H7236
Surr: Dibromofluoromethane (70-130%)	*99 %*						08/30/11 17:05	EML	SW846 8260B	11H7236
Surr: Toluene-d8 (70-130%)	*99 %*						08/30/11 17:05	EML	SW846 8260B	11H7236
Surr: 4-Bromofluorobenzene (70-130%)	*100 %*						08/30/11 17:05	EML	SW846 8260B	11H7236

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

ANALYTICAL REPORT

Sample ID: NUH3465-07 (CDW-10 - Water) Sampled: 08/23/11 16:05

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	ND	ug/L		10.0	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Benzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Bromobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Bromochloromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Bromodichloromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Bromoform	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Bromomethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
2-Butanone	ND	ug/L		10.0	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
tert-Butylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
n-Butylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
sec-Butylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Carbon disulfide	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Carbon Tetrachloride	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Chlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Chlorodibromomethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Chloroethane	**1.55**	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Chloroform	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Chloromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
2-Chlorotoluene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
4-Chlorotoluene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Dibromomethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
1,2-Dichloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
1,1-Dichloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
1,1-Dichloroethene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
cis-1,2-Dichloroethene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
1,3-Dichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
2,2-Dichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
1,2-Dichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
1,1-Dichloropropene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Diethyl ether	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3465-07 (CDW-10 - Water) - cont. Sampled: 08/23/11 16:05										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L		200	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Ethylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Hexachlorobutadiene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
2-Hexanone	ND	ug/L		10.0	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Isopropylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Diisopropyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
p-Isopropyltoluene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Methylene Chloride	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Naphthalene	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
n-Propylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Styrene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Tetrachloroethene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Tetrahydrofuran	ND	ug/L		20.0	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Toluene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
1,1,1-Trichloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Trichloroethene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Trichlorofluoromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Vinyl chloride	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Xylenes, total	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
1,1,2-Trifluorotrichloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 00:20	EML	SW846 8260B	11H7188
Surr: 1,2-Dichloroethane-d4 (70-130%)	*93 %*						08/30/11 00:20	EML	SW846 8260B	11H7188
Surr: Dibromofluoromethane (70-130%)	*103 %*						08/30/11 00:20	EML	SW846 8260B	11H7188
Surr: Toluene-d8 (70-130%)	*101 %*						08/30/11 00:20	EML	SW846 8260B	11H7188
Surr: 4-Bromofluorobenzene (70-130%)	*94 %*						08/30/11 00:20	EML	SW846 8260B	11H7188

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11H7109-BLK1						
Acetone	<5.00		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Tert-Amyl Methyl Ether	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Benzene	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Bromobenzene	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Bromochloromethane	<0.240		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Bromodichloromethane	<0.180		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Bromoform	<0.180		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Bromomethane	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
2-Butanone	<1.70		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
tert-Butylbenzene	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
n-Butylbenzene	<0.180		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
sec-Butylbenzene	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Carbon disulfide	<0.130		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Carbon Tetrachloride	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Chlorobenzene	<0.190		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Chlorodibromomethane	<0.210		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Chloroethane	<0.210		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Chloroform	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Chloromethane	<0.300		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
2-Chlorotoluene	<0.140		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
4-Chlorotoluene	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,2-Dibromo-3-chloropropane	<0.270		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,2-Dibromoethane (EDB)	<0.180		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Dibromomethane	<0.160		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,2-Dichlorobenzene	<0.130		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,3-Dichlorobenzene	<0.140		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,4-Dichlorobenzene	<0.150		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Dichlorodifluoromethane	<0.140		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,2-Dichloroethane	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,1-Dichloroethane	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,1-Dichloroethene	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
trans-1,2-Dichloroethene	<0.160		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
cis-1,2-Dichloroethene	<0.150		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,3-Dichloropropane	<0.110		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
2,2-Dichloropropane	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,2-Dichloropropane	<0.180		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
trans-1,3-Dichloropropene	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,1-Dichloropropene	<0.110		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
cis-1,3-Dichloropropene	<0.150		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Diethyl ether	<0.150		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,4-Dioxane	<18.0		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11H7109-BLK1						
Ethylbenzene	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Ethyl tert-Butyl Ether	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Hexachlorobutadiene	<0.260		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
2-Hexanone	<0.710		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Isopropylbenzene	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Diisopropyl Ether	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
p-Isopropyltoluene	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Methyl tert-Butyl Ether	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Methylene Chloride	<1.67		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
4-Methyl-2-pentanone	<3.30		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Naphthalene	<1.70		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
n-Propylbenzene	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Styrene	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,1,2,2-Tetrachloroethane	<0.140		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,1,1,2-Tetrachloroethane	<0.180		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Tetrachloroethene	<0.190		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Tetrahydrofuran	<3.30		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Toluene	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,2,4-Trichlorobenzene	<0.180		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,2,3-Trichlorobenzene	0.270		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,1,1-Trichloroethane	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,1,2-Trichloroethane	<0.150		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Trichloroethene	<0.180		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Trichlorofluoromethane	<0.180		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,2,3-Trichloropropane	<0.270		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,3,5-Trimethylbenzene	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,2,4-Trimethylbenzene	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Vinyl chloride	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Xylenes, total	<0.390		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,1,2-Trifluorotrichloroethane	<0.260		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Surrogate: 1,2-Dichloroethane-d4	95%			11H7109	11H7109-BLK1	08/28/11 15:18
Surrogate: Dibromofluoromethane	99%			11H7109	11H7109-BLK1	08/28/11 15:18
Surrogate: Toluene-d8	100%			11H7109	11H7109-BLK1	08/28/11 15:18
Surrogate: 4-Bromofluorobenzene	95%			11H7109	11H7109-BLK1	08/28/11 15:18
11H7188-BLK1						
Acetone	<5.00		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Tert-Amyl Methyl Ether	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Benzene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Bromobenzene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Bromochloromethane	<0.240		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11H7188-BLK1						
Bromodichloromethane	<0.180		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Bromoform	<0.180		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Bromomethane	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
2-Butanone	<1.70		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
tert-Butylbenzene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
n-Butylbenzene	<0.180		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
sec-Butylbenzene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Carbon disulfide	<0.130		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Carbon Tetrachloride	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Chlorobenzene	<0.190		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Chlorodibromomethane	<0.210		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Chloroethane	<0.210		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Chloroform	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Chloromethane	<0.300		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
2-Chlorotoluene	<0.140		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
4-Chlorotoluene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,2-Dibromo-3-chloropropane	<0.270		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,2-Dibromoethane (EDB)	<0.180		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Dibromomethane	<0.160		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,2-Dichlorobenzene	<0.130		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,3-Dichlorobenzene	<0.140		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,4-Dichlorobenzene	<0.150		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Dichlorodifluoromethane	<0.140		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,2-Dichloroethane	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,1-Dichloroethane	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,1-Dichloroethene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
trans-1,2-Dichloroethene	<0.160		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
cis-1,2-Dichloroethene	<0.150		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,3-Dichloropropane	<0.110		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
2,2-Dichloropropane	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,2-Dichloropropane	<0.180		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
trans-1,3-Dichloropropene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,1-Dichloropropene	<0.110		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
cis-1,3-Dichloropropene	<0.150		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Diethyl ether	<0.150		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,4-Dioxane	<18.0		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Ethylbenzene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Ethyl tert-Butyl Ether	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Hexachlorobutadiene	<0.260		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
2-Hexanone	<0.710		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Isopropylbenzene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11H7188-BLK1						
Diisopropyl Ether	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
p-Isopropyltoluene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Methyl tert-Butyl Ether	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Methylene Chloride	<1.67		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
4-Methyl-2-pentanone	<3.30		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Naphthalene	<1.70		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
n-Propylbenzene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Styrene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,1,2,2-Tetrachloroethane	<0.140		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,1,1,2-Tetrachloroethane	<0.180		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Tetrachloroethene	<0.190		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Tetrahydrofuran	<3.30		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Toluene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,2,4-Trichlorobenzene	<0.180		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,2,3-Trichlorobenzene	<0.250		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,1,1-Trichloroethane	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,1,2-Trichloroethane	<0.150		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Trichloroethene	<0.180		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Trichlorofluoromethane	<0.180		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,2,3-Trichloropropane	<0.270		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,3,5-Trimethylbenzene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,2,4-Trimethylbenzene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Vinyl chloride	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Xylenes, total	<0.390		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,1,2-Trifluorotrichloroethane	<0.260		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Surrogate: 1,2-Dichloroethane-d4	94%			11H7188	11H7188-BLK1	08/29/11 22:30
Surrogate: Dibromofluoromethane	102%			11H7188	11H7188-BLK1	08/29/11 22:30
Surrogate: Toluene-d8	101%			11H7188	11H7188-BLK1	08/29/11 22:30
Surrogate: 4-Bromofluorobenzene	94%			11H7188	11H7188-BLK1	08/29/11 22:30
11H7236-BLK1						
Acetone	<5.00		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Tert-Amyl Methyl Ether	<0.170		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Benzene	<0.170		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Bromobenzene	<0.170		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Bromochloromethane	<0.240		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Bromodichloromethane	<0.180		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Bromoform	<0.180		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Bromomethane	<0.170		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
2-Butanone	<1.70		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
tert-Butylbenzene	<0.170		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11H7236-BLK1						
n-Butylbenzene	<0.180		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
sec-Butylbenzene	<0.170		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Carbon disulfide	0.250		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Carbon Tetrachloride	<0.170		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Chlorobenzene	<0.190		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Chlorodibromomethane	<0.210		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Chloroethane	<0.210		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Chloroform	<0.170		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Chloromethane	<0.300		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
2-Chlorotoluene	<0.140		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
4-Chlorotoluene	<0.170		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
1,2-Dibromo-3-chloropropane	<0.270		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
1,2-Dibromoethane (EDB)	<0.180		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Dibromomethane	<0.160		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
1,2-Dichlorobenzene	<0.130		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
1,3-Dichlorobenzene	<0.140		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
1,4-Dichlorobenzene	<0.150		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Dichlorodifluoromethane	<0.140		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
1,2-Dichloroethane	<0.170		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
1,1-Dichloroethane	<0.170		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
1,1-Dichloroethene	<0.170		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
trans-1,2-Dichloroethene	<0.160		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
cis-1,2-Dichloroethene	<0.150		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
1,3-Dichloropropane	<0.110		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
2,2-Dichloropropane	<0.170		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
1,2-Dichloropropane	<0.180		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
trans-1,3-Dichloropropene	<0.170		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
1,1-Dichloropropene	<0.110		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
cis-1,3-Dichloropropene	<0.150		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Diethyl ether	<0.150		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
1,4-Dioxane	<18.0		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Ethylbenzene	<0.170		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Ethyl tert-Butyl Ether	<0.170		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Hexachlorobutadiene	<0.260		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
2-Hexanone	<0.710		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Isopropylbenzene	<0.170		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Diisopropyl Ether	<0.170		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
p-Isopropyltoluene	<0.170		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Methyl tert-Butyl Ether	<0.170		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Methylene Chloride	<1.67		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
4-Methyl-2-pentanone	<3.30		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11H7236-BLK1						
Naphthalene	<1.70		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
n-Propylbenzene	<0.170		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Styrene	<0.170		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
1,1,2,2-Tetrachloroethane	<0.140		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
1,1,1,2-Tetrachloroethane	<0.180		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Tetrachloroethene	<0.190		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Tetrahydrofuran	<3.30		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Toluene	<0.170		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
1,2,4-Trichlorobenzene	<0.180		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
1,2,3-Trichlorobenzene	<0.250		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
1,1,1-Trichloroethane	<0.170		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
1,1,2-Trichloroethane	<0.150		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Trichloroethene	<0.180		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Trichlorofluoromethane	<0.180		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
1,2,3-Trichloropropane	<0.270		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
1,3,5-Trimethylbenzene	<0.170		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
1,2,4-Trimethylbenzene	<0.170		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Vinyl chloride	<0.170		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Xylenes, total	<0.390		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
1,1,2-Trifluorotrichloroethane	<0.260		ug/L	11H7236	11H7236-BLK1	08/30/11 13:57
Surrogate: 1,2-Dichloroethane-d4	106%			11H7236	11H7236-BLK1	08/30/11 13:57
Surrogate: Dibromofluoromethane	96%			11H7236	11H7236-BLK1	08/30/11 13:57
Surrogate: Toluene-d8	100%			11H7236	11H7236-BLK1	08/30/11 13:57
Surrogate: 4-Bromofluorobenzene	102%			11H7236	11H7236-BLK1	08/30/11 13:57

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11H7109-BS1								
Acetone	250	316		ug/L	127%	70 - 130	11H7109	08/28/11 13:27
Tert-Amyl Methyl Ether	50.0	50.0		ug/L	100%	70 - 130	11H7109	08/28/11 13:27
Benzene	50.0	50.7		ug/L	101%	70 - 130	11H7109	08/28/11 13:27
Bromobenzene	50.0	49.3		ug/L	99%	70 - 130	11H7109	08/28/11 13:27
Bromochloromethane	50.0	44.6		ug/L	89%	70 - 130	11H7109	08/28/11 13:27
Bromodichloromethane	50.0	51.0		ug/L	102%	70 - 130	11H7109	08/28/11 13:27
Bromoform	50.0	58.3		ug/L	117%	70 - 130	11H7109	08/28/11 13:27
Bromomethane	50.0	38.7		ug/L	77%	70 - 130	11H7109	08/28/11 13:27
2-Butanone	250	255		ug/L	102%	70 - 130	11H7109	08/28/11 13:27
tert-Butylbenzene	50.0	51.3		ug/L	103%	70 - 130	11H7109	08/28/11 13:27
n-Butylbenzene	50.0	52.2		ug/L	104%	70 - 130	11H7109	08/28/11 13:27
sec-Butylbenzene	50.0	52.0		ug/L	104%	70 - 130	11H7109	08/28/11 13:27
Carbon disulfide	50.0	41.5		ug/L	83%	70 - 130	11H7109	08/28/11 13:27
Carbon Tetrachloride	50.0	52.3		ug/L	105%	70 - 130	11H7109	08/28/11 13:27
Chlorobenzene	50.0	48.6		ug/L	97%	70 - 130	11H7109	08/28/11 13:27
Chlorodibromomethane	50.0	56.0		ug/L	112%	70 - 130	11H7109	08/28/11 13:27
Chloroethane	50.0	42.0		ug/L	84%	70 - 130	11H7109	08/28/11 13:27
Chloroform	50.0	47.1		ug/L	94%	70 - 130	11H7109	08/28/11 13:27
Chloromethane	50.0	45.6		ug/L	91%	70 - 130	11H7109	08/28/11 13:27
2-Chlorotoluene	50.0	48.1		ug/L	96%	70 - 130	11H7109	08/28/11 13:27
4-Chlorotoluene	50.0	49.2		ug/L	98%	70 - 130	11H7109	08/28/11 13:27
1,2-Dibromo-3-chloropropane	50.0	60.9		ug/L	122%	70 - 130	11H7109	08/28/11 13:27
1,2-Dibromoethane (EDB)	50.0	53.9		ug/L	108%	70 - 130	11H7109	08/28/11 13:27
Dibromomethane	50.0	50.4		ug/L	101%	70 - 130	11H7109	08/28/11 13:27
1,2-Dichlorobenzene	50.0	53.2		ug/L	106%	70 - 130	11H7109	08/28/11 13:27
1,3-Dichlorobenzene	50.0	51.8		ug/L	104%	70 - 130	11H7109	08/28/11 13:27
1,4-Dichlorobenzene	50.0	51.8		ug/L	104%	70 - 130	11H7109	08/28/11 13:27
Dichlorodifluoromethane	50.0	50.6		ug/L	101%	70 - 130	11H7109	08/28/11 13:27
1,2-Dichloroethane	50.0	46.2		ug/L	92%	70 - 130	11H7109	08/28/11 13:27
1,1-Dichloroethane	50.0	43.9		ug/L	88%	70 - 130	11H7109	08/28/11 13:27
1,1-Dichloroethene	50.0	45.5		ug/L	91%	70 - 130	11H7109	08/28/11 13:27
trans-1,2-Dichloroethene	50.0	43.6		ug/L	87%	70 - 130	11H7109	08/28/11 13:27
cis-1,2-Dichloroethene	50.0	44.2		ug/L	88%	70 - 130	11H7109	08/28/11 13:27
1,3-Dichloropropane	50.0	49.0		ug/L	98%	70 - 130	11H7109	08/28/11 13:27
2,2-Dichloropropane	50.0	43.9		ug/L	88%	70 - 130	11H7109	08/28/11 13:27
1,2-Dichloropropane	50.0	46.6		ug/L	93%	70 - 130	11H7109	08/28/11 13:27
trans-1,3-Dichloropropene	50.0	51.6		ug/L	103%	70 - 130	11H7109	08/28/11 13:27
1,1-Dichloropropene	50.0	47.5		ug/L	95%	70 - 130	11H7109	08/28/11 13:27
cis-1,3-Dichloropropene	50.0	53.7		ug/L	107%	70 - 130	11H7109	08/28/11 13:27
Diethyl ether	50.0	49.0		ug/L	98%	70 - 130	11H7109	08/28/11 13:27
1,4-Dioxane	5000	5650		ug/L	113%	70 - 130	11H7109	08/28/11 13:27

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11H7109-BS1								
Ethylbenzene	50.0	49.1		ug/L	98%	70 - 130	11H7109	08/28/11 13:27
Ethyl tert-Butyl Ether	50.0	43.7		ug/L	87%	70 - 130	11H7109	08/28/11 13:27
Hexachlorobutadiene	50.0	47.6		ug/L	95%	70 - 130	11H7109	08/28/11 13:27
2-Hexanone	250	296		ug/L	118%	70 - 130	11H7109	08/28/11 13:27
Isopropylbenzene	50.0	53.7		ug/L	107%	70 - 130	11H7109	08/28/11 13:27
Diisopropyl Ether	50.0	43.3		ug/L	87%	70 - 130	11H7109	08/28/11 13:27
p-Isopropyltoluene	50.0	50.2		ug/L	100%	70 - 130	11H7109	08/28/11 13:27
Methyl tert-Butyl Ether	50.0	47.2		ug/L	94%	70 - 130	11H7109	08/28/11 13:27
Methylene Chloride	50.0	46.7		ug/L	93%	70 - 130	11H7109	08/28/11 13:27
4-Methyl-2-pentanone	250	266		ug/L	106%	70 - 130	11H7109	08/28/11 13:27
Naphthalene	50.0	59.7		ug/L	119%	70 - 130	11H7109	08/28/11 13:27
n-Propylbenzene	50.0	50.8		ug/L	102%	70 - 130	11H7109	08/28/11 13:27
Styrene	50.0	49.3		ug/L	99%	70 - 130	11H7109	08/28/11 13:27
1,1,2,2-Tetrachloroethane	50.0	54.0		ug/L	108%	70 - 130	11H7109	08/28/11 13:27
1,1,1,2-Tetrachloroethane	50.0	50.9		ug/L	102%	70 - 130	11H7109	08/28/11 13:27
Tetrachloroethene	50.0	51.0		ug/L	102%	70 - 130	11H7109	08/28/11 13:27
Tetrahydrofuran	500	481		ug/L	96%	70 - 130	11H7109	08/28/11 13:27
Toluene	50.0	49.8		ug/L	100%	70 - 130	11H7109	08/28/11 13:27
1,2,4-Trichlorobenzene	50.0	61.8		ug/L	124%	70 - 130	11H7109	08/28/11 13:27
1,2,3-Trichlorobenzene	50.0	62.1		ug/L	124%	70 - 130	11H7109	08/28/11 13:27
1,1,1-Trichloroethane	50.0	50.9		ug/L	102%	70 - 130	11H7109	08/28/11 13:27
1,1,2-Trichloroethane	50.0	50.5		ug/L	101%	70 - 130	11H7109	08/28/11 13:27
Trichloroethene	50.0	51.5		ug/L	103%	70 - 130	11H7109	08/28/11 13:27
Trichlorofluoromethane	50.0	46.4		ug/L	93%	70 - 130	11H7109	08/28/11 13:27
1,2,3-Trichloropropane	50.0	52.6		ug/L	105%	70 - 130	11H7109	08/28/11 13:27
1,3,5-Trimethylbenzene	50.0	50.3		ug/L	101%	70 - 130	11H7109	08/28/11 13:27
1,2,4-Trimethylbenzene	50.0	50.1		ug/L	100%	70 - 130	11H7109	08/28/11 13:27
Vinyl chloride	50.0	47.2		ug/L	94%	70 - 130	11H7109	08/28/11 13:27
Xylenes, total	150	145		ug/L	96%	70 - 130	11H7109	08/28/11 13:27
1,1,2-Trifluorotrichloroethane	50.0	47.0		ug/L	94%	70 - 130	11H7109	08/28/11 13:27
Surrogate: 1,2-Dichloroethane-d4	25.0	23.5			94%	70 - 130	11H7109	08/28/11 13:27
Surrogate: Dibromofluoromethane	25.0	25.6			102%	70 - 130	11H7109	08/28/11 13:27
Surrogate: Toluene-d8	25.0	25.1			100%	70 - 130	11H7109	08/28/11 13:27
Surrogate: 4-Bromofluorobenzene	25.0	24.3			97%	70 - 130	11H7109	08/28/11 13:27
11H7188-BS1								
Acetone	250	231		ug/L	92%	70 - 130	11H7188	08/29/11 20:39
Tert-Amyl Methyl Ether	50.0	47.1		ug/L	94%	70 - 130	11H7188	08/29/11 20:39
Benzene	50.0	51.7		ug/L	103%	70 - 130	11H7188	08/29/11 20:39
Bromobenzene	50.0	49.7		ug/L	99%	70 - 130	11H7188	08/29/11 20:39
Bromochloromethane	50.0	50.4		ug/L	101%	70 - 130	11H7188	08/29/11 20:39

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11H7188-BS1								
Bromodichloromethane	50.0	50.8		ug/L	102%	70 - 130	11H7188	08/29/11 20:39
Bromoform	50.0	55.3		ug/L	111%	70 - 130	11H7188	08/29/11 20:39
Bromomethane	50.0	45.5		ug/L	91%	70 - 130	11H7188	08/29/11 20:39
2-Butanone	250	222		ug/L	89%	70 - 130	11H7188	08/29/11 20:39
tert-Butylbenzene	50.0	51.9		ug/L	104%	70 - 130	11H7188	08/29/11 20:39
n-Butylbenzene	50.0	53.1		ug/L	106%	70 - 130	11H7188	08/29/11 20:39
sec-Butylbenzene	50.0	53.1		ug/L	106%	70 - 130	11H7188	08/29/11 20:39
Carbon disulfide	50.0	43.0		ug/L	86%	70 - 130	11H7188	08/29/11 20:39
Carbon Tetrachloride	50.0	54.6		ug/L	109%	70 - 130	11H7188	08/29/11 20:39
Chlorobenzene	50.0	50.4		ug/L	101%	70 - 130	11H7188	08/29/11 20:39
Chlorodibromomethane	50.0	55.4		ug/L	111%	70 - 130	11H7188	08/29/11 20:39
Chloroethane	50.0	45.7		ug/L	91%	70 - 130	11H7188	08/29/11 20:39
Chloroform	50.0	51.5		ug/L	103%	70 - 130	11H7188	08/29/11 20:39
Chloromethane	50.0	46.2		ug/L	92%	70 - 130	11H7188	08/29/11 20:39
2-Chlorotoluene	50.0	49.4		ug/L	99%	70 - 130	11H7188	08/29/11 20:39
4-Chlorotoluene	50.0	50.1		ug/L	100%	70 - 130	11H7188	08/29/11 20:39
1,2-Dibromo-3-chloropropane	50.0	53.1		ug/L	106%	70 - 130	11H7188	08/29/11 20:39
1,2-Dibromoethane (EDB)	50.0	52.8		ug/L	106%	70 - 130	11H7188	08/29/11 20:39
Dibromomethane	50.0	49.3		ug/L	99%	70 - 130	11H7188	08/29/11 20:39
1,2-Dichlorobenzene	50.0	52.4		ug/L	105%	70 - 130	11H7188	08/29/11 20:39
1,3-Dichlorobenzene	50.0	51.8		ug/L	104%	70 - 130	11H7188	08/29/11 20:39
1,4-Dichlorobenzene	50.0	51.7		ug/L	103%	70 - 130	11H7188	08/29/11 20:39
Dichlorodifluoromethane	50.0	46.3		ug/L	93%	70 - 130	11H7188	08/29/11 20:39
1,2-Dichloroethane	50.0	46.1		ug/L	92%	70 - 130	11H7188	08/29/11 20:39
1,1-Dichloroethane	50.0	45.2		ug/L	90%	70 - 130	11H7188	08/29/11 20:39
1,1-Dichloroethene	50.0	48.6		ug/L	97%	70 - 130	11H7188	08/29/11 20:39
trans-1,2-Dichloroethene	50.0	45.2		ug/L	90%	70 - 130	11H7188	08/29/11 20:39
cis-1,2-Dichloroethene	50.0	45.5		ug/L	91%	70 - 130	11H7188	08/29/11 20:39
1,3-Dichloropropane	50.0	48.8		ug/L	98%	70 - 130	11H7188	08/29/11 20:39
2,2-Dichloropropane	50.0	44.5		ug/L	89%	70 - 130	11H7188	08/29/11 20:39
1,2-Dichloropropane	50.0	46.2		ug/L	92%	70 - 130	11H7188	08/29/11 20:39
trans-1,3-Dichloropropene	50.0	50.1		ug/L	100%	70 - 130	11H7188	08/29/11 20:39
1,1-Dichloropropene	50.0	49.9		ug/L	100%	70 - 130	11H7188	08/29/11 20:39
cis-1,3-Dichloropropene	50.0	53.1		ug/L	106%	70 - 130	11H7188	08/29/11 20:39
Diethyl ether	50.0	46.2		ug/L	92%	70 - 130	11H7188	08/29/11 20:39
1,4-Dioxane	5000	5480		ug/L	110%	70 - 130	11H7188	08/29/11 20:39
Ethylbenzene	50.0	51.3		ug/L	103%	70 - 130	11H7188	08/29/11 20:39
Ethyl tert-Butyl Ether	50.0	41.8		ug/L	84%	70 - 130	11H7188	08/29/11 20:39
Hexachlorobutadiene	50.0	45.5		ug/L	91%	70 - 130	11H7188	08/29/11 20:39
2-Hexanone	250	258		ug/L	103%	70 - 130	11H7188	08/29/11 20:39
Isopropylbenzene	50.0	55.4		ug/L	111%	70 - 130	11H7188	08/29/11 20:39

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11H7188-BS1								
Diisopropyl Ether	50.0	42.2		ug/L	84%	70 - 130	11H7188	08/29/11 20:39
p-Isopropyltoluene	50.0	50.4		ug/L	101%	70 - 130	11H7188	08/29/11 20:39
Methyl tert-Butyl Ether	50.0	44.6		ug/L	89%	70 - 130	11H7188	08/29/11 20:39
Methylene Chloride	50.0	48.0		ug/L	96%	70 - 130	11H7188	08/29/11 20:39
4-Methyl-2-pentanone	250	247		ug/L	99%	70 - 130	11H7188	08/29/11 20:39
Naphthalene	50.0	57.0		ug/L	114%	70 - 130	11H7188	08/29/11 20:39
n-Propylbenzene	50.0	52.5		ug/L	105%	70 - 130	11H7188	08/29/11 20:39
Styrene	50.0	50.3		ug/L	101%	70 - 130	11H7188	08/29/11 20:39
1,1,2,2-Tetrachloroethane	50.0	52.6		ug/L	105%	70 - 130	11H7188	08/29/11 20:39
1,1,1,2-Tetrachloroethane	50.0	51.8		ug/L	104%	70 - 130	11H7188	08/29/11 20:39
Tetrachloroethene	50.0	52.2		ug/L	104%	70 - 130	11H7188	08/29/11 20:39
Tetrahydrofuran	500	471		ug/L	94%	70 - 130	11H7188	08/29/11 20:39
Toluene	50.0	52.0		ug/L	104%	70 - 130	11H7188	08/29/11 20:39
1,2,4-Trichlorobenzene	50.0	59.0		ug/L	118%	70 - 130	11H7188	08/29/11 20:39
1,2,3-Trichlorobenzene	50.0	58.6		ug/L	117%	70 - 130	11H7188	08/29/11 20:39
1,1,1-Trichloroethane	50.0	53.6		ug/L	107%	70 - 130	11H7188	08/29/11 20:39
1,1,2-Trichloroethane	50.0	50.4		ug/L	101%	70 - 130	11H7188	08/29/11 20:39
Trichloroethene	50.0	52.7		ug/L	105%	70 - 130	11H7188	08/29/11 20:39
Trichlorofluoromethane	50.0	46.9		ug/L	94%	70 - 130	11H7188	08/29/11 20:39
1,2,3-Trichloropropane	50.0	50.8		ug/L	102%	70 - 130	11H7188	08/29/11 20:39
1,3,5-Trimethylbenzene	50.0	50.8		ug/L	102%	70 - 130	11H7188	08/29/11 20:39
1,2,4-Trimethylbenzene	50.0	50.6		ug/L	101%	70 - 130	11H7188	08/29/11 20:39
Vinyl chloride	50.0	47.9		ug/L	96%	70 - 130	11H7188	08/29/11 20:39
Xylenes, total	150	150		ug/L	100%	70 - 130	11H7188	08/29/11 20:39
1,1,2-Trifluorotrichloroethane	50.0	49.6		ug/L	99%	70 - 130	11H7188	08/29/11 20:39
Surrogate: 1,2-Dichloroethane-d4	25.0	22.9			91%	70 - 130	11H7188	08/29/11 20:39
Surrogate: Dibromofluoromethane	25.0	26.1			104%	70 - 130	11H7188	08/29/11 20:39
Surrogate: Toluene-d8	25.0	25.2			101%	70 - 130	11H7188	08/29/11 20:39
Surrogate: 4-Bromofluorobenzene	25.0	24.3			97%	70 - 130	11H7188	08/29/11 20:39
11H7236-BS1								
Acetone	250	308		ug/L	123%	70 - 130	11H7236	08/30/11 11:16
Tert-Amyl Methyl Ether	50.0	48.7		ug/L	97%	70 - 130	11H7236	08/30/11 11:16
Benzene	50.0	55.6		ug/L	111%	70 - 130	11H7236	08/30/11 11:16
Bromobenzene	50.0	54.6		ug/L	109%	70 - 130	11H7236	08/30/11 11:16
Bromochloromethane	50.0	53.1		ug/L	106%	70 - 130	11H7236	08/30/11 11:16
Bromodichloromethane	50.0	58.4		ug/L	117%	70 - 130	11H7236	08/30/11 11:16
Bromoform	50.0	45.7		ug/L	91%	70 - 130	11H7236	08/30/11 11:16
Bromomethane	50.0	48.1		ug/L	96%	70 - 130	11H7236	08/30/11 11:16
2-Butanone	250	274		ug/L	109%	70 - 130	11H7236	08/30/11 11:16
tert-Butylbenzene	50.0	59.1		ug/L	118%	70 - 130	11H7236	08/30/11 11:16

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

PROJECT QUALITY CONTROL DATA

LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11H7236-BS1								
n-Butylbenzene	50.0	52.0		ug/L	104%	70 - 130	11H7236	08/30/11 11:16
sec-Butylbenzene	50.0	53.5		ug/L	107%	70 - 130	11H7236	08/30/11 11:16
Carbon disulfide	50.0	58.6		ug/L	117%	70 - 130	11H7236	08/30/11 11:16
Carbon Tetrachloride	50.0	59.3		ug/L	119%	70 - 130	11H7236	08/30/11 11:16
Chlorobenzene	50.0	52.8		ug/L	106%	70 - 130	11H7236	08/30/11 11:16
Chlorodibromomethane	50.0	48.4		ug/L	97%	70 - 130	11H7236	08/30/11 11:16
Chloroethane	50.0	55.3		ug/L	111%	70 - 130	11H7236	08/30/11 11:16
Chloroform	50.0	57.2		ug/L	114%	70 - 130	11H7236	08/30/11 11:16
Chloromethane	50.0	49.6		ug/L	99%	70 - 130	11H7236	08/30/11 11:16
2-Chlorotoluene	50.0	56.1		ug/L	112%	70 - 130	11H7236	08/30/11 11:16
4-Chlorotoluene	50.0	57.8		ug/L	116%	70 - 130	11H7236	08/30/11 11:16
1,2-Dibromo-3-chloropropane	50.0	43.1		ug/L	86%	70 - 130	11H7236	08/30/11 11:16
1,2-Dibromoethane (EDB)	50.0	54.9		ug/L	110%	70 - 130	11H7236	08/30/11 11:16
Dibromomethane	50.0	52.2		ug/L	104%	70 - 130	11H7236	08/30/11 11:16
1,2-Dichlorobenzene	50.0	53.8		ug/L	108%	70 - 130	11H7236	08/30/11 11:16
1,3-Dichlorobenzene	50.0	55.4		ug/L	111%	70 - 130	11H7236	08/30/11 11:16
1,4-Dichlorobenzene	50.0	55.9		ug/L	112%	70 - 130	11H7236	08/30/11 11:16
Dichlorodifluoromethane	50.0	57.5		ug/L	115%	70 - 130	11H7236	08/30/11 11:16
1,2-Dichloroethane	50.0	57.9		ug/L	116%	70 - 130	11H7236	08/30/11 11:16
1,1-Dichloroethane	50.0	56.6		ug/L	113%	70 - 130	11H7236	08/30/11 11:16
1,1-Dichloroethene	50.0	55.3		ug/L	111%	70 - 130	11H7236	08/30/11 11:16
trans-1,2-Dichloroethene	50.0	58.5		ug/L	117%	70 - 130	11H7236	08/30/11 11:16
cis-1,2-Dichloroethene	50.0	57.9		ug/L	116%	70 - 130	11H7236	08/30/11 11:16
1,3-Dichloropropane	50.0	53.3		ug/L	107%	70 - 130	11H7236	08/30/11 11:16
2,2-Dichloropropane	50.0	60.4		ug/L	121%	70 - 130	11H7236	08/30/11 11:16
1,2-Dichloropropane	50.0	51.0		ug/L	102%	70 - 130	11H7236	08/30/11 11:16
trans-1,3-Dichloropropene	50.0	51.1		ug/L	102%	70 - 130	11H7236	08/30/11 11:16
1,1-Dichloropropene	50.0	56.9		ug/L	114%	70 - 130	11H7236	08/30/11 11:16
cis-1,3-Dichloropropene	50.0	64.0		ug/L	128%	70 - 130	11H7236	08/30/11 11:16
Diethyl ether	50.0	58.4		ug/L	117%	70 - 130	11H7236	08/30/11 11:16
1,4-Dioxane	5000	7380	L1	ug/L	148%	70 - 130	11H7236	08/30/11 11:16
Ethylbenzene	50.0	57.6		ug/L	115%	70 - 130	11H7236	08/30/11 11:16
Ethyl tert-Butyl Ether	50.0	50.7		ug/L	101%	70 - 130	11H7236	08/30/11 11:16
Hexachlorobutadiene	50.0	58.1		ug/L	116%	70 - 130	11H7236	08/30/11 11:16
2-Hexanone	250	286		ug/L	114%	70 - 130	11H7236	08/30/11 11:16
Isopropylbenzene	50.0	64.2		ug/L	128%	70 - 130	11H7236	08/30/11 11:16
Diisopropyl Ether	50.0	54.7		ug/L	109%	70 - 130	11H7236	08/30/11 11:16
p-Isopropyltoluene	50.0	51.7		ug/L	103%	70 - 130	11H7236	08/30/11 11:16
Methyl tert-Butyl Ether	50.0	53.8		ug/L	108%	70 - 130	11H7236	08/30/11 11:16
Methylene Chloride	50.0	54.8		ug/L	110%	70 - 130	11H7236	08/30/11 11:16
4-Methyl-2-pentanone	250	276		ug/L	110%	70 - 130	11H7236	08/30/11 11:16

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

PROJECT QUALITY CONTROL DATA

LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11H7236-BS1								
Naphthalene	50.0	45.3		ug/L	91%	70 - 130	11H7236	08/30/11 11:16
n-Propylbenzene	50.0	61.1		ug/L	122%	70 - 130	11H7236	08/30/11 11:16
Styrene	50.0	57.2		ug/L	114%	70 - 130	11H7236	08/30/11 11:16
1,1,2,2-Tetrachloroethane	50.0	52.2		ug/L	104%	70 - 130	11H7236	08/30/11 11:16
1,1,1,2-Tetrachloroethane	50.0	49.0		ug/L	98%	70 - 130	11H7236	08/30/11 11:16
Tetrachloroethene	50.0	56.5		ug/L	113%	70 - 130	11H7236	08/30/11 11:16
Tetrahydrofuran	500	561		ug/L	112%	70 - 130	11H7236	08/30/11 11:16
Toluene	50.0	57.5		ug/L	115%	70 - 130	11H7236	08/30/11 11:16
1,2,4-Trichlorobenzene	50.0	45.6		ug/L	91%	70 - 130	11H7236	08/30/11 11:16
1,2,3-Trichlorobenzene	50.0	44.2		ug/L	88%	70 - 130	11H7236	08/30/11 11:16
1,1,1-Trichloroethane	50.0	58.2		ug/L	116%	70 - 130	11H7236	08/30/11 11:16
1,1,2-Trichloroethane	50.0	55.2		ug/L	110%	70 - 130	11H7236	08/30/11 11:16
Trichloroethene	50.0	52.3		ug/L	105%	70 - 130	11H7236	08/30/11 11:16
Trichlorofluoromethane	50.0	54.8		ug/L	110%	70 - 130	11H7236	08/30/11 11:16
1,2,3-Trichloropropane	50.0	50.1		ug/L	100%	70 - 130	11H7236	08/30/11 11:16
1,3,5-Trimethylbenzene	50.0	59.3		ug/L	119%	70 - 130	11H7236	08/30/11 11:16
1,2,4-Trimethylbenzene	50.0	58.8		ug/L	118%	70 - 130	11H7236	08/30/11 11:16
Vinyl chloride	50.0	58.0		ug/L	116%	70 - 130	11H7236	08/30/11 11:16
Xylenes, total	150	173		ug/L	115%	70 - 130	11H7236	08/30/11 11:16
1,1,2-Trifluorotrichloroethane	50.0	57.1		ug/L	114%	70 - 130	11H7236	08/30/11 11:16
Surrogate: 1,2-Dichloroethane-d4	25.0	26.2			105%	70 - 130	11H7236	08/30/11 11:16
Surrogate: Dibromofluoromethane	25.0	24.4			98%	70 - 130	11H7236	08/30/11 11:16
Surrogate: Toluene-d8	25.0	26.0			104%	70 - 130	11H7236	08/30/11 11:16
Surrogate: 4-Bromofluorobenzene	25.0	24.7			99%	70 - 130	11H7236	08/30/11 11:16

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11H7109-BSD1												
Acetone		373	L1	ug/L	250	149%	70 - 130	16	20	11H7109		08/28/11 13:55
Tert-Amyl Methyl Ether		49.5		ug/L	50.0	99%	70 - 130	1	20	11H7109		08/28/11 13:55
Benzene		51.6		ug/L	50.0	103%	70 - 130	2	20	11H7109		08/28/11 13:55
Bromobenzene		49.1		ug/L	50.0	98%	70 - 130	0.3	20	11H7109		08/28/11 13:55
Bromochloromethane		49.2		ug/L	50.0	98%	70 - 130	10	20	11H7109		08/28/11 13:55
Bromodichloromethane		52.0		ug/L	50.0	104%	70 - 130	2	20	11H7109		08/28/11 13:55
Bromoform		61.5		ug/L	50.0	123%	70 - 130	5	20	11H7109		08/28/11 13:55
Bromomethane		41.5		ug/L	50.0	83%	70 - 130	7	20	11H7109		08/28/11 13:55
2-Butanone		257		ug/L	250	103%	70 - 130	0.8	20	11H7109		08/28/11 13:55
tert-Butylbenzene		51.7		ug/L	50.0	103%	70 - 130	0.8	20	11H7109		08/28/11 13:55
n-Butylbenzene		52.9		ug/L	50.0	106%	70 - 130	1	20	11H7109		08/28/11 13:55
sec-Butylbenzene		53.0		ug/L	50.0	106%	70 - 130	2	20	11H7109		08/28/11 13:55
Carbon disulfide		47.2		ug/L	50.0	94%	70 - 130	13	20	11H7109		08/28/11 13:55
Carbon Tetrachloride		52.8		ug/L	50.0	106%	70 - 130	0.9	20	11H7109		08/28/11 13:55
Chlorobenzene		50.4		ug/L	50.0	101%	70 - 130	4	20	11H7109		08/28/11 13:55
Chlorodibromomethane		56.8		ug/L	50.0	114%	70 - 130	1	20	11H7109		08/28/11 13:55
Chloroethane		46.3		ug/L	50.0	93%	70 - 130	10	20	11H7109		08/28/11 13:55
Chloroform		48.4		ug/L	50.0	97%	70 - 130	3	20	11H7109		08/28/11 13:55
Chloromethane		52.0		ug/L	50.0	104%	70 - 130	13	20	11H7109		08/28/11 13:55
2-Chlorotoluene		47.9		ug/L	50.0	96%	70 - 130	0.4	20	11H7109		08/28/11 13:55
4-Chlorotoluene		49.1		ug/L	50.0	98%	70 - 130	0.2	20	11H7109		08/28/11 13:55
1,2-Dibromo-3-chloropropane		58.9		ug/L	50.0	118%	70 - 130	3	20	11H7109		08/28/11 13:55
1,2-Dibromoethane (EDB)		54.9		ug/L	50.0	110%	70 - 130	2	20	11H7109		08/28/11 13:55
Dibromomethane		52.2		ug/L	50.0	104%	70 - 130	3	20	11H7109		08/28/11 13:55
1,2-Dichlorobenzene		53.7		ug/L	50.0	107%	70 - 130	1	20	11H7109		08/28/11 13:55
1,3-Dichlorobenzene		52.1		ug/L	50.0	104%	70 - 130	0.5	20	11H7109		08/28/11 13:55
1,4-Dichlorobenzene		52.5		ug/L	50.0	105%	70 - 130	1	20	11H7109		08/28/11 13:55
Dichlorodifluoromethane		57.5		ug/L	50.0	115%	70 - 130	13	20	11H7109		08/28/11 13:55
1,2-Dichloroethane		46.6		ug/L	50.0	93%	70 - 130	0.8	20	11H7109		08/28/11 13:55
1,1-Dichloroethane		46.2		ug/L	50.0	92%	70 - 130	5	20	11H7109		08/28/11 13:55
1,1-Dichloroethene		48.9		ug/L	50.0	98%	70 - 130	7	20	11H7109		08/28/11 13:55
trans-1,2-Dichloroethene		43.7		ug/L	50.0	87%	70 - 130	0.3	20	11H7109		08/28/11 13:55
cis-1,2-Dichloroethene		45.5		ug/L	50.0	91%	70 - 130	3	20	11H7109		08/28/11 13:55
1,3-Dichloropropane		49.7		ug/L	50.0	99%	70 - 130	1	20	11H7109		08/28/11 13:55
2,2-Dichloropropane		44.2		ug/L	50.0	88%	70 - 130	0.6	20	11H7109		08/28/11 13:55
1,2-Dichloropropane		47.0		ug/L	50.0	94%	70 - 130	0.9	20	11H7109		08/28/11 13:55
trans-1,3-Dichloropropene		50.6		ug/L	50.0	101%	70 - 130	2	20	11H7109		08/28/11 13:55
1,1-Dichloropropene		48.8		ug/L	50.0	98%	70 - 130	3	20	11H7109		08/28/11 13:55
cis-1,3-Dichloropropene		52.2		ug/L	50.0	104%	70 - 130	3	20	11H7109		08/28/11 13:55
Diethyl ether		47.2		ug/L	50.0	94%	70 - 130	4	20	11H7109		08/28/11 13:55
1,4-Dioxane		6840	L1	ug/L	5000	137%	70 - 130	19	20	11H7109		08/28/11 13:55

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11H7109-BSD1												
Ethylbenzene		51.7		ug/L	50.0	103%	70 - 130	5	20	11H7109		08/28/11 13:55
Ethyl tert-Butyl Ether		42.8		ug/L	50.0	86%	70 - 130	2	20	11H7109		08/28/11 13:55
Hexachlorobutadiene		47.6		ug/L	50.0	95%	70 - 130	0.06	20	11H7109		08/28/11 13:55
2-Hexanone		305		ug/L	250	122%	70 - 130	3	20	11H7109		08/28/11 13:55
Isopropylbenzene		57.6		ug/L	50.0	115%	70 - 130	7	20	11H7109		08/28/11 13:55
Diisopropyl Ether		42.2		ug/L	50.0	84%	70 - 130	3	20	11H7109		08/28/11 13:55
p-Isopropyltoluene		50.4		ug/L	50.0	101%	70 - 130	0.6	20	11H7109		08/28/11 13:55
Methyl tert-Butyl Ether		44.9		ug/L	50.0	90%	70 - 130	5	20	11H7109		08/28/11 13:55
Methylene Chloride		51.3		ug/L	50.0	103%	70 - 130	9	20	11H7109		08/28/11 13:55
4-Methyl-2-pentanone		261		ug/L	250	104%	70 - 130	2	20	11H7109		08/28/11 13:55
Naphthalene		61.5		ug/L	50.0	123%	70 - 130	3	20	11H7109		08/28/11 13:55
n-Propylbenzene		51.2		ug/L	50.0	102%	70 - 130	0.7	20	11H7109		08/28/11 13:55
Styrene		52.4		ug/L	50.0	105%	70 - 130	6	20	11H7109		08/28/11 13:55
1,1,2,2-Tetrachloroethane		54.1		ug/L	50.0	108%	70 - 130	0.2	20	11H7109		08/28/11 13:55
1,1,1,2-Tetrachloroethane		52.3		ug/L	50.0	105%	70 - 130	3	20	11H7109		08/28/11 13:55
Tetrachloroethene		50.7		ug/L	50.0	101%	70 - 130	0.5	20	11H7109		08/28/11 13:55
Tetrahydrofuran		505		ug/L	500	101%	70 - 130	5	20	11H7109		08/28/11 13:55
Toluene		49.8		ug/L	50.0	100%	70 - 130	0	20	11H7109		08/28/11 13:55
1,2,4-Trichlorobenzene		63.2		ug/L	50.0	126%	70 - 130	2	20	11H7109		08/28/11 13:55
1,2,3-Trichlorobenzene		64.0		ug/L	50.0	128%	70 - 130	3	20	11H7109		08/28/11 13:55
1,1,1-Trichloroethane		52.0		ug/L	50.0	104%	70 - 130	2	20	11H7109		08/28/11 13:55
1,1,2-Trichloroethane		50.6		ug/L	50.0	101%	70 - 130	0.1	20	11H7109		08/28/11 13:55
Trichloroethene		53.5		ug/L	50.0	107%	70 - 130	4	20	11H7109		08/28/11 13:55
Trichlorofluoromethane		52.0		ug/L	50.0	104%	70 - 130	12	20	11H7109		08/28/11 13:55
1,2,3-Trichloropropane		53.1		ug/L	50.0	106%	70 - 130	0.9	20	11H7109		08/28/11 13:55
1,3,5-Trimethylbenzene		50.1		ug/L	50.0	100%	70 - 130	0.4	20	11H7109		08/28/11 13:55
1,2,4-Trimethylbenzene		50.5		ug/L	50.0	101%	70 - 130	0.7	20	11H7109		08/28/11 13:55
Vinyl chloride		52.5		ug/L	50.0	105%	70 - 130	10	20	11H7109		08/28/11 13:55
Xylenes, total		154		ug/L	150	103%	70 - 130	6	20	11H7109		08/28/11 13:55
1,1,2-Trifluorotrichloroethane		46.9		ug/L	50.0	94%	70 - 130	0.3	20	11H7109		08/28/11 13:55
Surrogate: 1,2-Dichloroethane-d4		23.1		ug/L	25.0	92%	70 - 130			11H7109		08/28/11 13:55
Surrogate: Dibromofluoromethane		26.4		ug/L	25.0	106%	70 - 130			11H7109		08/28/11 13:55
Surrogate: Toluene-d8		24.4		ug/L	25.0	97%	70 - 130			11H7109		08/28/11 13:55
Surrogate: 4-Bromofluorobenzene		24.0		ug/L	25.0	96%	70 - 130			11H7109		08/28/11 13:55
11H7188-BSD1												
Acetone		248		ug/L	250	99%	70 - 130	7	20	11H7188		08/29/11 21:07
Tert-Amyl Methyl Ether		46.5		ug/L	50.0	93%	70 - 130	1	20	11H7188		08/29/11 21:07
Benzene		50.2		ug/L	50.0	100%	70 - 130	3	20	11H7188		08/29/11 21:07
Bromobenzene		49.0		ug/L	50.0	98%	70 - 130	1	20	11H7188		08/29/11 21:07
Bromochloromethane		50.2		ug/L	50.0	100%	70 - 130	0.5	20	11H7188		08/29/11 21:07

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11H7188-BSD1												
Bromodichloromethane		49.7		ug/L	50.0	99%	70 - 130	2	20	11H7188		08/29/11 21:07
Bromoform		54.1		ug/L	50.0	108%	70 - 130	2	20	11H7188		08/29/11 21:07
Bromomethane		44.1		ug/L	50.0	88%	70 - 130	3	20	11H7188		08/29/11 21:07
2-Butanone		220		ug/L	250	88%	70 - 130	0.6	20	11H7188		08/29/11 21:07
tert-Butylbenzene		50.3		ug/L	50.0	101%	70 - 130	3	20	11H7188		08/29/11 21:07
n-Butylbenzene		51.5		ug/L	50.0	103%	70 - 130	3	20	11H7188		08/29/11 21:07
sec-Butylbenzene		51.4		ug/L	50.0	103%	70 - 130	3	20	11H7188		08/29/11 21:07
Carbon disulfide		41.2		ug/L	50.0	82%	70 - 130	4	20	11H7188		08/29/11 21:07
Carbon Tetrachloride		52.6		ug/L	50.0	105%	70 - 130	4	20	11H7188		08/29/11 21:07
Chlorobenzene		48.8		ug/L	50.0	98%	70 - 130	3	20	11H7188		08/29/11 21:07
Chlorodibromomethane		54.2		ug/L	50.0	108%	70 - 130	2	20	11H7188		08/29/11 21:07
Chloroethane		44.1		ug/L	50.0	88%	70 - 130	4	20	11H7188		08/29/11 21:07
Chloroform		50.1		ug/L	50.0	100%	70 - 130	3	20	11H7188		08/29/11 21:07
Chloromethane		44.0		ug/L	50.0	88%	70 - 130	5	20	11H7188		08/29/11 21:07
2-Chlorotoluene		48.3		ug/L	50.0	97%	70 - 130	2	20	11H7188		08/29/11 21:07
4-Chlorotoluene		49.3		ug/L	50.0	99%	70 - 130	2	20	11H7188		08/29/11 21:07
1,2-Dibromo-3-chloropropane		52.3		ug/L	50.0	105%	70 - 130	2	20	11H7188		08/29/11 21:07
1,2-Dibromoethane (EDB)		51.4		ug/L	50.0	103%	70 - 130	3	20	11H7188		08/29/11 21:07
Dibromomethane		48.8		ug/L	50.0	98%	70 - 130	1	20	11H7188		08/29/11 21:07
1,2-Dichlorobenzene		52.3		ug/L	50.0	105%	70 - 130	0.1	20	11H7188		08/29/11 21:07
1,3-Dichlorobenzene		50.8		ug/L	50.0	102%	70 - 130	2	20	11H7188		08/29/11 21:07
1,4-Dichlorobenzene		51.1		ug/L	50.0	102%	70 - 130	1	20	11H7188		08/29/11 21:07
Dichlorodifluoromethane		44.0		ug/L	50.0	88%	70 - 130	5	20	11H7188		08/29/11 21:07
1,2-Dichloroethane		45.5		ug/L	50.0	91%	70 - 130	1	20	11H7188		08/29/11 21:07
1,1-Dichloroethane		43.5		ug/L	50.0	87%	70 - 130	4	20	11H7188		08/29/11 21:07
1,1-Dichloroethene		46.2		ug/L	50.0	92%	70 - 130	5	20	11H7188		08/29/11 21:07
trans-1,2-Dichloroethene		42.9		ug/L	50.0	86%	70 - 130	5	20	11H7188		08/29/11 21:07
cis-1,2-Dichloroethene		44.2		ug/L	50.0	88%	70 - 130	3	20	11H7188		08/29/11 21:07
1,3-Dichloropropane		47.6		ug/L	50.0	95%	70 - 130	3	20	11H7188		08/29/11 21:07
2,2-Dichloropropane		42.8		ug/L	50.0	86%	70 - 130	4	20	11H7188		08/29/11 21:07
1,2-Dichloropropane		44.7		ug/L	50.0	89%	70 - 130	3	20	11H7188		08/29/11 21:07
trans-1,3-Dichloropropene		49.0		ug/L	50.0	98%	70 - 130	2	20	11H7188		08/29/11 21:07
1,1-Dichloropropene		48.4		ug/L	50.0	97%	70 - 130	3	20	11H7188		08/29/11 21:07
cis-1,3-Dichloropropene		51.6		ug/L	50.0	103%	70 - 130	3	20	11H7188		08/29/11 21:07
Diethyl ether		45.6		ug/L	50.0	91%	70 - 130	1	20	11H7188		08/29/11 21:07
1,4-Dioxane		5490		ug/L	5000	110%	70 - 130	0.2	20	11H7188		08/29/11 21:07
Ethylbenzene		49.3		ug/L	50.0	99%	70 - 130	4	20	11H7188		08/29/11 21:07
Ethyl tert-Butyl Ether		41.2		ug/L	50.0	82%	70 - 130	1	20	11H7188		08/29/11 21:07
Hexachlorobutadiene		43.5		ug/L	50.0	87%	70 - 130	4	20	11H7188		08/29/11 21:07
2-Hexanone		258		ug/L	250	103%	70 - 130	0.1	20	11H7188		08/29/11 21:07
Isopropylbenzene		53.0		ug/L	50.0	106%	70 - 130	5	20	11H7188		08/29/11 21:07

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11H7188-BSD1												
Diisopropyl Ether		41.5		ug/L	50.0	83%	70 - 130	2	20	11H7188		08/29/11 21:07
p-Isopropyltoluene		49.5		ug/L	50.0	99%	70 - 130	2	20	11H7188		08/29/11 21:07
Methyl tert-Butyl Ether		43.6		ug/L	50.0	87%	70 - 130	2	20	11H7188		08/29/11 21:07
Methylene Chloride		46.2		ug/L	50.0	92%	70 - 130	4	20	11H7188		08/29/11 21:07
4-Methyl-2-pentanone		243		ug/L	250	97%	70 - 130	1	20	11H7188		08/29/11 21:07
Naphthalene		56.3		ug/L	50.0	113%	70 - 130	1	20	11H7188		08/29/11 21:07
n-Propylbenzene		51.1		ug/L	50.0	102%	70 - 130	3	20	11H7188		08/29/11 21:07
Styrene		48.6		ug/L	50.0	97%	70 - 130	3	20	11H7188		08/29/11 21:07
1,1,2,2-Tetrachloroethane		51.2		ug/L	50.0	102%	70 - 130	3	20	11H7188		08/29/11 21:07
1,1,1,2-Tetrachloroethane		50.4		ug/L	50.0	101%	70 - 130	3	20	11H7188		08/29/11 21:07
Tetrachloroethene		49.9		ug/L	50.0	100%	70 - 130	4	20	11H7188		08/29/11 21:07
Tetrahydrofuran		464		ug/L	500	93%	70 - 130	2	20	11H7188		08/29/11 21:07
Toluene		49.7		ug/L	50.0	99%	70 - 130	4	20	11H7188		08/29/11 21:07
1,2,4-Trichlorobenzene		58.3		ug/L	50.0	117%	70 - 130	1	20	11H7188		08/29/11 21:07
1,2,3-Trichlorobenzene		58.5		ug/L	50.0	117%	70 - 130	0.1	20	11H7188		08/29/11 21:07
1,1,1-Trichloroethane		51.5		ug/L	50.0	103%	70 - 130	4	20	11H7188		08/29/11 21:07
1,1,2-Trichloroethane		48.8		ug/L	50.0	98%	70 - 130	3	20	11H7188		08/29/11 21:07
Trichloroethene		50.8		ug/L	50.0	102%	70 - 130	4	20	11H7188		08/29/11 21:07
Trichlorofluoromethane		44.8		ug/L	50.0	90%	70 - 130	4	20	11H7188		08/29/11 21:07
1,2,3-Trichloropropane		49.9		ug/L	50.0	100%	70 - 130	2	20	11H7188		08/29/11 21:07
1,3,5-Trimethylbenzene		49.9		ug/L	50.0	100%	70 - 130	2	20	11H7188		08/29/11 21:07
1,2,4-Trimethylbenzene		49.4		ug/L	50.0	99%	70 - 130	2	20	11H7188		08/29/11 21:07
Vinyl chloride		45.4		ug/L	50.0	91%	70 - 130	5	20	11H7188		08/29/11 21:07
Xylenes, total		144		ug/L	150	96%	70 - 130	4	20	11H7188		08/29/11 21:07
1,1,2-Trifluorotrichloroethane		47.6		ug/L	50.0	95%	70 - 130	4	20	11H7188		08/29/11 21:07
Surrogate: 1,2-Dichloroethane-d4		23.1		ug/L	25.0	92%	70 - 130			11H7188		08/29/11 21:07
Surrogate: Dibromofluoromethane		25.7		ug/L	25.0	103%	70 - 130			11H7188		08/29/11 21:07
Surrogate: Toluene-d8		25.0		ug/L	25.0	100%	70 - 130			11H7188		08/29/11 21:07
Surrogate: 4-Bromofluorobenzene		24.5		ug/L	25.0	98%	70 - 130			11H7188		08/29/11 21:07
11H7236-BSD1												
Acetone		316		ug/L	250	127%	70 - 130	3	20	11H7236		08/30/11 11:42
Tert-Amyl Methyl Ether		48.0		ug/L	50.0	96%	70 - 130	1	20	11H7236		08/30/11 11:42
Benzene		54.1		ug/L	50.0	108%	70 - 130	3	20	11H7236		08/30/11 11:42
Bromobenzene		52.9		ug/L	50.0	106%	70 - 130	3	20	11H7236		08/30/11 11:42
Bromochloromethane		51.9		ug/L	50.0	104%	70 - 130	2	20	11H7236		08/30/11 11:42
Bromodichloromethane		57.1		ug/L	50.0	114%	70 - 130	2	20	11H7236		08/30/11 11:42
Bromoform		44.3		ug/L	50.0	89%	70 - 130	3	20	11H7236		08/30/11 11:42
Bromomethane		47.6		ug/L	50.0	95%	70 - 130	1	20	11H7236		08/30/11 11:42
2-Butanone		279		ug/L	250	112%	70 - 130	2	20	11H7236		08/30/11 11:42
tert-Butylbenzene		56.7		ug/L	50.0	113%	70 - 130	4	20	11H7236		08/30/11 11:42

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11H7236-BSD1												
n-Butylbenzene		50.0		ug/L	50.0	100%	70 - 130	4	20	11H7236		08/30/11 11:42
sec-Butylbenzene		51.5		ug/L	50.0	103%	70 - 130	4	20	11H7236		08/30/11 11:42
Carbon disulfide		56.4		ug/L	50.0	113%	70 - 130	4	20	11H7236		08/30/11 11:42
Carbon Tetrachloride		57.9		ug/L	50.0	116%	70 - 130	2	20	11H7236		08/30/11 11:42
Chlorobenzene		50.3		ug/L	50.0	101%	70 - 130	5	20	11H7236		08/30/11 11:42
Chlorodibromomethane		46.5		ug/L	50.0	93%	70 - 130	4	20	11H7236		08/30/11 11:42
Chloroethane		54.1		ug/L	50.0	108%	70 - 130	2	20	11H7236		08/30/11 11:42
Chloroform		56.4		ug/L	50.0	113%	70 - 130	1	20	11H7236		08/30/11 11:42
Chloromethane		47.7		ug/L	50.0	95%	70 - 130	4	20	11H7236		08/30/11 11:42
2-Chlorotoluene		54.0		ug/L	50.0	108%	70 - 130	4	20	11H7236		08/30/11 11:42
4-Chlorotoluene		56.0		ug/L	50.0	112%	70 - 130	3	20	11H7236		08/30/11 11:42
1,2-Dibromo-3-chloropropane		41.5		ug/L	50.0	83%	70 - 130	4	20	11H7236		08/30/11 11:42
1,2-Dibromoethane (EDB)		53.5		ug/L	50.0	107%	70 - 130	3	20	11H7236		08/30/11 11:42
Dibromomethane		51.9		ug/L	50.0	104%	70 - 130	0.6	20	11H7236		08/30/11 11:42
1,2-Dichlorobenzene		53.2		ug/L	50.0	106%	70 - 130	1	20	11H7236		08/30/11 11:42
1,3-Dichlorobenzene		53.7		ug/L	50.0	107%	70 - 130	3	20	11H7236		08/30/11 11:42
1,4-Dichlorobenzene		53.4		ug/L	50.0	107%	70 - 130	5	20	11H7236		08/30/11 11:42
Dichlorodifluoromethane		55.1		ug/L	50.0	110%	70 - 130	4	20	11H7236		08/30/11 11:42
1,2-Dichloroethane		56.3		ug/L	50.0	113%	70 - 130	3	20	11H7236		08/30/11 11:42
1,1-Dichloroethane		55.3		ug/L	50.0	111%	70 - 130	2	20	11H7236		08/30/11 11:42
1,1-Dichloroethene		54.2		ug/L	50.0	108%	70 - 130	2	20	11H7236		08/30/11 11:42
trans-1,2-Dichloroethene		56.7		ug/L	50.0	113%	70 - 130	3	20	11H7236		08/30/11 11:42
cis-1,2-Dichloroethene		56.6		ug/L	50.0	113%	70 - 130	2	20	11H7236		08/30/11 11:42
1,3-Dichloropropane		51.2		ug/L	50.0	102%	70 - 130	4	20	11H7236		08/30/11 11:42
2,2-Dichloropropane		58.4		ug/L	50.0	117%	70 - 130	4	20	11H7236		08/30/11 11:42
1,2-Dichloropropane		49.7		ug/L	50.0	99%	70 - 130	2	20	11H7236		08/30/11 11:42
trans-1,3-Dichloropropene		49.6		ug/L	50.0	99%	70 - 130	3	20	11H7236		08/30/11 11:42
1,1-Dichloropropene		55.6		ug/L	50.0	111%	70 - 130	2	20	11H7236		08/30/11 11:42
cis-1,3-Dichloropropene		61.4		ug/L	50.0	123%	70 - 130	4	20	11H7236		08/30/11 11:42
Diethyl ether		57.0		ug/L	50.0	114%	70 - 130	2	20	11H7236		08/30/11 11:42
1,4-Dioxane		7290	L1	ug/L	5000	146%	70 - 130	1	20	11H7236		08/30/11 11:42
Ethylbenzene		55.2		ug/L	50.0	110%	70 - 130	4	20	11H7236		08/30/11 11:42
Ethyl tert-Butyl Ether		50.2		ug/L	50.0	100%	70 - 130	0.9	20	11H7236		08/30/11 11:42
Hexachlorobutadiene		58.5		ug/L	50.0	117%	70 - 130	0.8	20	11H7236		08/30/11 11:42
2-Hexanone		283		ug/L	250	113%	70 - 130	1	20	11H7236		08/30/11 11:42
Isopropylbenzene		61.6		ug/L	50.0	123%	70 - 130	4	20	11H7236		08/30/11 11:42
Diisopropyl Ether		53.9		ug/L	50.0	108%	70 - 130	1	20	11H7236		08/30/11 11:42
p-Isopropyltoluene		49.6		ug/L	50.0	99%	70 - 130	4	20	11H7236		08/30/11 11:42
Methyl tert-Butyl Ether		53.8		ug/L	50.0	108%	70 - 130	0	20	11H7236		08/30/11 11:42
Methylene Chloride		53.6		ug/L	50.0	107%	70 - 130	2	20	11H7236		08/30/11 11:42
4-Methyl-2-pentanone		269		ug/L	250	107%	70 - 130	3	20	11H7236		08/30/11 11:42

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11H7236-BSD1												
Naphthalene		45.1		ug/L	50.0	90%	70 - 130	0.4	20	11H7236		08/30/11 11:42
n-Propylbenzene		58.6		ug/L	50.0	117%	70 - 130	4	20	11H7236		08/30/11 11:42
Styrene		54.7		ug/L	50.0	109%	70 - 130	4	20	11H7236		08/30/11 11:42
1,1,2,2-Tetrachloroethane		51.7		ug/L	50.0	103%	70 - 130	1	20	11H7236		08/30/11 11:42
1,1,1,2-Tetrachloroethane		47.2		ug/L	50.0	94%	70 - 130	4	20	11H7236		08/30/11 11:42
Tetrachloroethene		54.5		ug/L	50.0	109%	70 - 130	4	20	11H7236		08/30/11 11:42
Tetrahydrofuran		556		ug/L	500	111%	70 - 130	1	20	11H7236		08/30/11 11:42
Toluene		54.8		ug/L	50.0	110%	70 - 130	5	20	11H7236		08/30/11 11:42
1,2,4-Trichlorobenzene		44.7		ug/L	50.0	89%	70 - 130	2	20	11H7236		08/30/11 11:42
1,2,3-Trichlorobenzene		43.6		ug/L	50.0	87%	70 - 130	2	20	11H7236		08/30/11 11:42
1,1,1-Trichloroethane		56.4		ug/L	50.0	113%	70 - 130	3	20	11H7236		08/30/11 11:42
1,1,2-Trichloroethane		53.9		ug/L	50.0	108%	70 - 130	2	20	11H7236		08/30/11 11:42
Trichloroethene		51.5		ug/L	50.0	103%	70 - 130	2	20	11H7236		08/30/11 11:42
Trichlorofluoromethane		53.6		ug/L	50.0	107%	70 - 130	2	20	11H7236		08/30/11 11:42
1,2,3-Trichloropropane		50.1		ug/L	50.0	100%	70 - 130	0	20	11H7236		08/30/11 11:42
1,3,5-Trimethylbenzene		57.3		ug/L	50.0	115%	70 - 130	3	20	11H7236		08/30/11 11:42
1,2,4-Trimethylbenzene		56.8		ug/L	50.0	114%	70 - 130	4	20	11H7236		08/30/11 11:42
Vinyl chloride		54.8		ug/L	50.0	110%	70 - 130	6	20	11H7236		08/30/11 11:42
Xylenes, total		166		ug/L	150	111%	70 - 130	4	20	11H7236		08/30/11 11:42
1,1,2-Trifluorotrichloroethane		56.2		ug/L	50.0	112%	70 - 130	2	20	11H7236		08/30/11 11:42
Surrogate: 1,2-Dichloroethane-d4		26.0		ug/L	25.0	104%	70 - 130			11H7236		08/30/11 11:42
Surrogate: Dibromofluoromethane		24.5		ug/L	25.0	98%	70 - 130			11H7236		08/30/11 11:42
Surrogate: Toluene-d8		25.2		ug/L	25.0	101%	70 - 130			11H7236		08/30/11 11:42
Surrogate: 4-Bromofluorobenzene		25.4		ug/L	25.0	102%	70 - 130			11H7236		08/30/11 11:42

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3465
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

DATA QUALIFIERS AND DEFINITIONS

L Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.

L1 Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.

ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER REC

NUH3465

Cooler Received/Opened On 8/25/2011@ 8:45

1. Tracking # 1037 (last 4 digits, FedEx)

Courier: Fedex IR Gun ID Raynger

2. Temperature of rep. sample or temp blank when opened: 1.0 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) CH

7. Were custody seals on containers: YES ~~NO~~ and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: ~~Ice~~ Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # NA

I certify that I unloaded the cooler and answered questions 7-14 (intial) CF

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) CF

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) CF

I certify that I attached a label with the unique LIMS number to each container (intial) CF

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#_____

BIS = Broken in shipment
Cooler Receipt Form.doc

NUH3465

09/09/11 23:59

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

Consultant Name: GES
Address: 364 Littleton Road
City/State/Zip: Westford, MA 01886
Project Mgr: Stefan Sokol
Consultant Project Mgr: Roy Swartz
Consultant Telephone Number: 800-221-6119 Fax No.: 978-392-8583
Sampler Name: (Print) VAN Samples
Sampler Signature:

TA Account #:
Invoice To:
Report To: Stefan Sokol - ssokol@gesonline.com, Mary Cathey - mcathey@gesonline.com
PO #:
PROJECT #: 1603978
Facility ID # General Chemical
Site Address 133 Leland Street
City, State, Zip Framington, MA
Regulatory District (CA)

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify)	Analyze For: VOCs 8260	SVOCs	total Fe & Mn	dissolved Fe & Mn	sulfate	chloride	alkalinity	RSK175 gases				RUSH TAT (Pre-Schedule) (Samples)	TAT request (in Bus. Days)	Fax Results (yes or no)	Due Date of Report
trip blank	8/23/11	1[illegible]	1	X					X												X											X			
RW 5D	8/23/11	1050	3	X					X												X														
GZ-4R	8/23/11	1150	3	X					X												X														
CDW-19S	8/23/11	1310	3	X					X												X														
GZ-18S	8/23/11	1400	3	X					X												X														
GZ-15D	8/23/11	1520	3	X					X												X														
CDW-16	8/23/11	1605	3	X					X												X														

Comments/Special Instructions: Use CAMs methods & reporting format.
Results due 9/2/2011 per Jennifer Huckaba.

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2 Level 3 Level 4 Other

Relinquished by:	Date	Time	Received by:	Date	Time
	8/23/11	1800	GES Stock	8/23/11	1820
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
	8/24/11	11:45		8/24/11	11:45

8-25-11 08:45
1.0

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

September 01, 2011 10:05:23AM

Client: GES Westford (10650)
364 Littleton Road, Suite 4
Westford, MA 01886
Attn: Stefan Sokol

Work Order: NUH3468
Project Name: General Chemical
Project Nbr: Framingham, MA
P/O Nbr: 1603978
Date Received: 08/25/11

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Trip Blank	NUH3468-01	03/03/11 00:01
GZ15R	NUH3468-02	08/22/11 12:55
GZ2	NUH3468-03	08/22/11 15:55
GZ18M	NUH3468-04	08/22/11 12:15
MW-23	NUH3468-05	08/22/11 15:10
GZ-7	NUH3468-06	08/22/11 16:25

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. These results relate only to the items tested, and this report may not be reproduced except in full and with the permission of the Laboratory. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Certification Number: M-TN032

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3468
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

Additional Laboratory Comments:
All samples were received in good condition, properly preserved, and properly labeled. All analyses were completed within holding times.

All no responses from the attached "MCP Response Action Analytical Report Certification Form" are addressed below.

G. The volatile reporting limit for tetrahydrofuran was above the MADEP CAM limits. The reporting limits did meet the client requested limits with the exception of 1,4-Dioxane under GW-1.

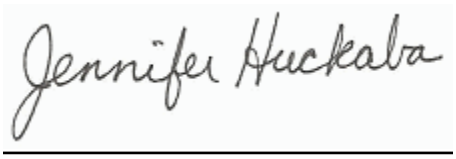
H. The volatile blank spike duplicate (LCSD) recoveries for Acetone and 1,4-Dioxane in batch 11H7109 were outside QC limits. Less than 10% of the analytes were outside criteria and the recoveries were within greater than 10%; therefore the data was accepted without further analysis.

Other information:
Sample GZ-7 (NUH3468-06) may have an elevated result for Methylene Chloride due to possible carry over from the previously analyzed sample in the batch. A reanalysis was not performed at a 1x, because the sample required two other dilutions (10x and 100x); therefore the original result is reported with the CF7 qualifer.

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainty is available upon request.
This report has been electronically signed.
Report Approved By:



Jennifer Huckaba

Senior Project Manager

TestAmerica
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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3468
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

Sample Cooler Information

Lab ID	Cooler ID	Temp	Seals	Containers Intact	Preservation Confirmed	On Ice
	1037	1.C	Yes	Yes	No	Yes

MassDEP Analytical Protocol Certification Form

Laboratory Name: TestAmerica Analytical Testing Corporation Project #: Framingham, MA

Project Location: General Chemical RTN:

This Form provides certifications for the following data set: list Laboratory Sample ID Number(s):

NUH3468

Matrices: Groundwater/Surface Water Soil/Sediment Drinking Water Air Other:

CAM Protocol (check all that apply below):

8260 VOC CAM II A X	7470/7471 Hg CAM III B	MassDEP VPH CAM IV A	8081 Pesticides CAM V B	7196 Hex Cr CAM VI B	MassDEP APH CAM IX A
8270 SVOC CAM II B	7010 Metals CAM III C	MassDEP EPH CAM IV B	8151 Herbicides CAM V C	8330 Explosives CAM VIII A	TO-15 VOC CAM IX B
6010 Metals CAM III A	6020 Metals CAM III D	8082 PCB CAM V A	9014 Total Cyanide/PAC CAM VI A	6860 Perchlorate CAM VIII B	

Affirmative Responses to Questions A through F are required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	(Yes) No
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	(Yes) No
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	(Yes) No
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	(Yes) No
E	VPH, EPH, APH, and TO-15 only: a. VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications). b. APH and TO-15 Methods only: Was the complete analyte list reported for each method?	Yes No Yes No
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	(Yes) No

Responses to Questions G, H and I below are required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	Yes (No[1])

***Data User Note**: Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.*

H	Were all QC performance standards specified in the CAM protocol(s) achieved?	Yes (No[1])
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	(Yes) No[1]

[1] *All negative responses must be addressed in an attached laboratory narrative.*

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: Jennifer Huckaba **Position:** Sr Proj Mgr.

Printed Name: Jennifer Huckaba **Date:** 9-1-11

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3468
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3468-01 (Trip Blank - Water) Sampled: 03/03/11 00:01										
Volatile Organic Compounds by EPA Method 8260B										
Acetone	ND	ug/L	L	10.0	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Benzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Bromobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Bromochloromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Bromodichloromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Bromoform	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Bromomethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
2-Butanone	ND	ug/L		10.0	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
tert-Butylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
n-Butylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
sec-Butylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Carbon disulfide	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Carbon Tetrachloride	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Chlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Chlorodibromomethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Chloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Chloroform	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Chloromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
2-Chlorotoluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
4-Chlorotoluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Dibromomethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
1,2-Dichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
1,1-Dichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
1,1-Dichloroethene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
cis-1,2-Dichloroethene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
1,3-Dichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
2,2-Dichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
1,2-Dichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
1,1-Dichloropropene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Diethyl ether	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109

Client	GES Westford (10650)	Work Order:	NUH3468
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3468-01 (Trip Blank - Water) - cont. Sampled: 03/03/11 00:01										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L	L	200	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Ethylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Hexachlorobutadiene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
2-Hexanone	ND	ug/L		10.0	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Isopropylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Diisopropyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
p-Isopropyltoluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Methylene Chloride	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Naphthalene	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
n-Propylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Styrene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Tetrachloroethene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Tetrahydrofuran	ND	ug/L		20.0	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Toluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
1,1,1-Trichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Trichloroethene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Trichlorofluoromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Vinyl chloride	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Xylenes, total	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
1,1,2-Trifluorotrichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 16:14	EML	SW846 8260B	11H7109
Surr: 1,2-Dichloroethane-d4 (70-130%)	*95 %*						08/28/11 16:14	EML	SW846 8260B	11H7109
Surr: Dibromofluoromethane (70-130%)	*101 %*						08/28/11 16:14	EML	SW846 8260B	11H7109
Surr: Toluene-d8 (70-130%)	*99 %*						08/28/11 16:14	EML	SW846 8260B	11H7109
Surr: 4-Bromofluorobenzene (70-130%)	*94 %*						08/28/11 16:14	EML	SW846 8260B	11H7109

Client	GES Westford (10650)	Work Order:	NUH3468
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3468-02 (GZ15R - Water) Sampled: 08/22/11 12:55										
Volatile Organic Compounds by EPA Method 8260B										
Acetone	ND	ug/L	L	10.0	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Benzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Bromobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Bromochloromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Bromodichloromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Bromoform	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Bromomethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
2-Butanone	ND	ug/L		10.0	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
tert-Butylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
n-Butylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
sec-Butylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Carbon disulfide	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Carbon Tetrachloride	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Chlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Chlorodibromomethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Chloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Chloroform	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Chloromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
2-Chlorotoluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
4-Chlorotoluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Dibromomethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
1,2-Dichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
1,1-Dichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
1,1-Dichloroethene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
cis-1,2-Dichloroethene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
1,3-Dichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
2,2-Dichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
1,2-Dichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
1,1-Dichloropropene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Diethyl ether	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109

Client	GES Westford (10650)	Work Order:	NUH3468
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3468-02 (GZ15R - Water) - cont. Sampled: 08/22/11 12:55										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L	L	200	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Ethylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Hexachlorobutadiene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
2-Hexanone	ND	ug/L		10.0	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Isopropylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Diisopropyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
p-Isopropyltoluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Methylene Chloride	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Naphthalene	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
n-Propylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Styrene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Tetrachloroethene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Tetrahydrofuran	ND	ug/L		20.0	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Toluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
1,1,1-Trichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Trichloroethene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Trichlorofluoromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Vinyl chloride	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Xylenes, total	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
1,1,2-Trifluorotrichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:25	EML	SW846 8260B	11H7109
Surr: 1,2-Dichloroethane-d4 (70-130%)	*95 %*						08/28/11 20:25	EML	SW846 8260B	11H7109
Surr: Dibromofluoromethane (70-130%)	*104 %*						08/28/11 20:25	EML	SW846 8260B	11H7109
Surr: Toluene-d8 (70-130%)	*100 %*						08/28/11 20:25	EML	SW846 8260B	11H7109
Surr: 4-Bromofluorobenzene (70-130%)	*93 %*						08/28/11 20:25	EML	SW846 8260B	11H7109

Client	GES Westford (10650)	Work Order:	NUH3468
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

ANALYTICAL REPORT

Sample ID: NUH3468-03 (GZ2 - Water) Sampled: 08/22/11 15:55

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	ND	ug/L	L	10.0	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Benzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Bromobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Bromochloromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Bromodichloromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Bromoform	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Bromomethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
2-Butanone	ND	ug/L		10.0	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
tert-Butylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
n-Butylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
sec-Butylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Carbon disulfide	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Carbon Tetrachloride	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Chlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Chlorodibromomethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Chloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Chloroform	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Chloromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
2-Chlorotoluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
4-Chlorotoluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Dibromomethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
1,2-Dichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
1,1-Dichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
1,1-Dichloroethene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
cis-1,2-Dichloroethene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
1,3-Dichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
2,2-Dichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
1,2-Dichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
1,1-Dichloropropene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Diethyl ether	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109

Client	GES Westford (10650)	Work Order:	NUH3468
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3468-03 (GZ2 - Water) - cont. Sampled: 08/22/11 15:55										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L	L	200	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Ethylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Hexachlorobutadiene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
2-Hexanone	ND	ug/L		10.0	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Isopropylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Diisopropyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
p-Isopropyltoluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Methylene Chloride	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Naphthalene	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
n-Propylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Styrene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Tetrachloroethene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Tetrahydrofuran	ND	ug/L		20.0	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Toluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
1,1,1-Trichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Trichloroethene	**1.66**	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Trichlorofluoromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Vinyl chloride	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Xylenes, total	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
1,1,2-Trifluorotrichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 20:53	EML	SW846 8260B	11H7109
Surr: 1,2-Dichloroethane-d4 (70-130%)	*94 %*						08/28/11 20:53	EML	SW846 8260B	11H7109
Surr: Dibromofluoromethane (70-130%)	*103 %*						08/28/11 20:53	EML	SW846 8260B	11H7109
Surr: Toluene-d8 (70-130%)	*100 %*						08/28/11 20:53	EML	SW846 8260B	11H7109
Surr: 4-Bromofluorobenzene (70-130%)	*95 %*						08/28/11 20:53	EML	SW846 8260B	11H7109

Client	GES Westford (10650)	Work Order:	NUH3468
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3468-04 (GZ18M - Water) Sampled: 08/22/11 12:15										
Volatile Organic Compounds by EPA Method 8260B										
Acetone	ND	ug/L	L	10.0	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Benzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Bromobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Bromochloromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Bromodichloromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Bromoform	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Bromomethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
2-Butanone	ND	ug/L		10.0	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
tert-Butylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
n-Butylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
sec-Butylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Carbon disulfide	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Carbon Tetrachloride	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Chlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Chlorodibromomethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Chloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Chloroform	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Chloromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
2-Chlorotoluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
4-Chlorotoluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Dibromomethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
1,2-Dichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
1,1-Dichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
1,1-Dichloroethene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
cis-1,2-Dichloroethene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
1,3-Dichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
2,2-Dichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
1,2-Dichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
1,1-Dichloropropene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Diethyl ether	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109

Client	GES Westford (10650)	Work Order:	NUH3468
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3468-04 (GZ18M - Water) - cont. Sampled: 08/22/11 12:15										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L	L	200	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Ethylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Hexachlorobutadiene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
2-Hexanone	ND	ug/L		10.0	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Isopropylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Diisopropyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
p-Isopropyltoluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Methylene Chloride	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Naphthalene	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
n-Propylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Styrene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Tetrachloroethene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Tetrahydrofuran	ND	ug/L		20.0	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Toluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
1,1,1-Trichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Trichloroethene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Trichlorofluoromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Vinyl chloride	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Xylenes, total	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
1,1,2-Trifluorotrichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:21	EML	SW846 8260B	11H7109
Surr: 1,2-Dichloroethane-d4 (70-130%)	*91 %*						08/28/11 21:21	EML	SW846 8260B	11H7109
Surr: Dibromofluoromethane (70-130%)	*101 %*						08/28/11 21:21	EML	SW846 8260B	11H7109
Surr: Toluene-d8 (70-130%)	*98 %*						08/28/11 21:21	EML	SW846 8260B	11H7109
Surr: 4-Bromofluorobenzene (70-130%)	*92 %*						08/28/11 21:21	EML	SW846 8260B	11H7109

Client	GES Westford (10650)	Work Order:	NUH3468
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

ANALYTICAL REPORT

Sample ID: NUH3468-05 (MW-23 - Water) Sampled: 08/22/11 15:10

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	**226**	ug/L	L1	10.0	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Tert-Amyl Methyl Ether	**1.73**	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Benzene	**1.44**	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Bromobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Bromochloromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Bromodichloromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Bromoform	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Bromomethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
2-Butanone	ND	ug/L		10.0	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
tert-Butylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
n-Butylbenzene	**7.05**	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
sec-Butylbenzene	**3.27**	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Carbon disulfide	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Carbon Tetrachloride	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Chlorobenzene	**2.49**	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Chlorodibromomethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Chloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Chloroform	**4.07**	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Chloromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
2-Chlorotoluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
4-Chlorotoluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Dibromomethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
1,2-Dichlorobenzene	**3.93**	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
1,2-Dichloroethane	**2.48**	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
1,1-Dichloroethane	**234**	ug/L		50.0	50	08/29/11 19:44	08/30/11 03:06	EML	SW846 8260B	11H7188
1,1-Dichloroethene	**776**	ug/L		50.0	50	08/29/11 19:44	08/30/11 03:06	EML	SW846 8260B	11H7188
trans-1,2-Dichloroethene	**147**	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
cis-1,2-Dichloroethene	**16300**	ug/L		500	500	08/29/11 19:44	08/30/11 02:11	EML	SW846 8260B	11H7188
1,3-Dichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
2,2-Dichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
1,2-Dichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
1,1-Dichloropropene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Diethyl ether	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109

Client	GES Westford (10650)	Work Order:	NUH3468
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

ANALYTICAL REPORT

Sample ID: NUH3468-05 (MW-23 - Water) - cont. Sampled: 08/22/11 15:10

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
1,4-Dioxane	ND	ug/L	L	200	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Ethylbenzene	**25.0**	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Hexachlorobutadiene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
2-Hexanone	ND	ug/L		10.0	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Isopropylbenzene	**7.26**	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Diisopropyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
p-Isopropyltoluene	**4.03**	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Methyl tert-Butyl Ether	**2.72**	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Methylene Chloride	**365**	ug/L		100	50	08/29/11 19:44	08/30/11 03:06	EML	SW846 8260B	11H7188
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Naphthalene	**52.6**	ug/L		2.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
n-Propylbenzene	**8.02**	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Styrene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
1,1,2,2-Tetrachloroethane	**1.74**	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
1,1,1,2-Tetrachloroethane	**4.41**	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Tetrachloroethene	**31100**	ug/L		500	500	08/29/11 19:44	08/30/11 02:11	EML	SW846 8260B	11H7188
Tetrahydrofuran	ND	ug/L		20.0	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Toluene	**85.3**	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
1,1,1-Trichloroethane	**20200**	ug/L		500	500	08/29/11 19:44	08/30/11 02:11	EML	SW846 8260B	11H7188
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Trichloroethene	**6420**	ug/L		50.0	50	08/29/11 19:44	08/30/11 03:06	EML	SW846 8260B	11H7188
Trichlorofluoromethane	**6.10**	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
1,3,5-Trimethylbenzene	**14.7**	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
1,2,4-Trimethylbenzene	**84.7**	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Vinyl chloride	**22.7**	ug/L		1.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
Xylenes, total	**75.8**	ug/L		2.00	1	08/28/11 12:01	08/28/11 21:48	EML	SW846 8260B	11H7109
1,1,2-Trifluorotrichloroethane	**5080**	ug/L		50.0	50	08/29/11 19:44	08/30/11 03:06	EML	SW846 8260B	11H7188
Surr: 1,2-Dichloroethane-d4 (70-130%)	*86 %*						08/28/11 21:48	EML	SW846 8260B	11H7109
Surr: 1,2-Dichloroethane-d4 (70-130%)	*90 %*						08/30/11 03:06	EML	SW846 8260B	11H7188
Surr: 1,2-Dichloroethane-d4 (70-130%)	*93 %*						08/30/11 02:11	EML	SW846 8260B	11H7188
Surr: Dibromofluoromethane (70-130%)	*92 %*						08/28/11 21:48	EML	SW846 8260B	11H7109
Surr: Dibromofluoromethane (70-130%)	*104 %*						08/30/11 03:06	EML	SW846 8260B	11H7188
Surr: Dibromofluoromethane (70-130%)	*103 %*						08/30/11 02:11	EML	SW846 8260B	11H7188
Surr: Toluene-d8 (70-130%)	*107 %*						08/28/11 21:48	EML	SW846 8260B	11H7109
Surr: Toluene-d8 (70-130%)	*100 %*						08/30/11 03:06	EML	SW846 8260B	11H7188
Surr: Toluene-d8 (70-130%)	*100 %*						08/30/11 02:11	EML	SW846 8260B	11H7188

Client	GES Westford (10650)	Work Order:	NUH3468
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3468-05 (MW-23 - Water) - cont. Sampled: 08/22/11 15:10										
Volatile Organic Compounds by EPA Method 8260B - cont.										
Surr: 4-Bromofluorobenzene (70-130%)	*97 %*						08/28/11 21:48	EML	SW846 8260B	11H7109
Surr: 4-Bromofluorobenzene (70-130%)	*95 %*						08/30/11 03:06	EML	SW846 8260B	11H7188
Surr: 4-Bromofluorobenzene (70-130%)	*93 %*						08/30/11 02:11	EML	SW846 8260B	11H7188

Client	GES Westford (10650)	Work Order:	NUH3468
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

ANALYTICAL REPORT

Sample ID: NUH3468-06 (GZ-7 - Water) Sampled: 08/22/11 16:25

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	ND	ug/L	L	10.0	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Benzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Bromobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Bromochloromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Bromodichloromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Bromoform	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Bromomethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
2-Butanone	ND	ug/L		10.0	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
tert-Butylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
n-Butylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
sec-Butylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Carbon disulfide	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Carbon Tetrachloride	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Chlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Chlorodibromomethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Chloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Chloroform	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Chloromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
2-Chlorotoluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
4-Chlorotoluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Dibromomethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
1,2-Dichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
1,1-Dichloroethane	**4.07**	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
1,1-Dichloroethene	**10.3**	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
cis-1,2-Dichloroethene	**144**	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
1,3-Dichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
2,2-Dichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
1,2-Dichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
1,1-Dichloropropene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Diethyl ether	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109

Client	GES Westford (10650)	Work Order:	NUH3468
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

ANALYTICAL REPORT

Sample ID: NUH3468-06 (GZ-7 - Water) - cont. Sampled: 08/22/11 16:25

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
1,4-Dioxane	ND	ug/L	L	200	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Ethylbenzene	**2.10**	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Hexachlorobutadiene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
2-Hexanone	ND	ug/L		10.0	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Isopropylbenzene	**1.35**	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Diisopropyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
p-Isopropyltoluene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Methylene Chloride	**2.35**	ug/L	CF7	2.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Naphthalene	**6.76**	ug/L		2.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
n-Propylbenzene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Styrene	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Tetrachloroethene	**2550**	ug/L		100	100	08/29/11 19:44	08/30/11 01:43	EML	SW846 8260B	11H7188
Tetrahydrofuran	ND	ug/L		20.0	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Toluene	**6.21**	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
1,1,1-Trichloroethane	**499**	ug/L		10.0	10	08/29/11 19:44	08/30/11 02:38	EML	SW846 8260B	11H7188
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Trichloroethene	**294**	ug/L		10.0	10	08/29/11 19:44	08/30/11 02:38	EML	SW846 8260B	11H7188
Trichlorofluoromethane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
1,3,5-Trimethylbenzene	**1.40**	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
1,2,4-Trimethylbenzene	**7.44**	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Vinyl chloride	ND	ug/L		1.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
Xylenes, total	**7.47**	ug/L		2.00	1	08/28/11 12:01	08/28/11 22:16	EML	SW846 8260B	11H7109
1,1,2-Trifluorotrichloroethane	**255**	ug/L		10.0	10	08/29/11 19:44	08/30/11 02:38	EML	SW846 8260B	11H7188
Surr: 1,2-Dichloroethane-d4 (70-130%)	*92 %*						08/28/11 22:16	EML	SW846 8260B	11H7109
Surr: 1,2-Dichloroethane-d4 (70-130%)	*93 %*						08/30/11 02:38	EML	SW846 8260B	11H7188
Surr: 1,2-Dichloroethane-d4 (70-130%)	*92 %*						08/30/11 01:43	EML	SW846 8260B	11H7188
Surr: Dibromofluoromethane (70-130%)	*101 %*						08/28/11 22:16	EML	SW846 8260B	11H7109
Surr: Dibromofluoromethane (70-130%)	*104 %*						08/30/11 02:38	EML	SW846 8260B	11H7188
Surr: Dibromofluoromethane (70-130%)	*103 %*						08/30/11 01:43	EML	SW846 8260B	11H7188
Surr: Toluene-d8 (70-130%)	*100 %*						08/28/11 22:16	EML	SW846 8260B	11H7109
Surr: Toluene-d8 (70-130%)	*101 %*						08/30/11 02:38	EML	SW846 8260B	11H7188
Surr: Toluene-d8 (70-130%)	*100 %*						08/30/11 01:43	EML	SW846 8260B	11H7188

Client	GES Westford (10650)	Work Order:	NUH3468
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3468-06 (GZ-7 - Water) - cont. Sampled: 08/22/11 16:25										
Volatile Organic Compounds by EPA Method 8260B - cont.										
Surr: 4-Bromofluorobenzene (70-130%)	*95 %*						08/28/11 22:16	EML	SW846 8260B	11H7109
Surr: 4-Bromofluorobenzene (70-130%)	*96 %*						08/30/11 02:38	EML	SW846 8260B	11H7188
Surr: 4-Bromofluorobenzene (70-130%)	*96 %*						08/30/11 01:43	EML	SW846 8260B	11H7188

Client	GES Westford (10650)	Work Order:	NUH3468
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11H7109-BLK1						
Acetone	<5.00		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Tert-Amyl Methyl Ether	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Benzene	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Bromobenzene	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Bromochloromethane	<0.240		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Bromodichloromethane	<0.180		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Bromoform	<0.180		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Bromomethane	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
2-Butanone	<1.70		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
tert-Butylbenzene	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
n-Butylbenzene	<0.180		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
sec-Butylbenzene	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Carbon disulfide	<0.130		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Carbon Tetrachloride	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Chlorobenzene	<0.190		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Chlorodibromomethane	<0.210		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Chloroethane	<0.210		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Chloroform	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Chloromethane	<0.300		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
2-Chlorotoluene	<0.140		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
4-Chlorotoluene	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,2-Dibromo-3-chloropropane	<0.270		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,2-Dibromoethane (EDB)	<0.180		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Dibromomethane	<0.160		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,2-Dichlorobenzene	<0.130		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,3-Dichlorobenzene	<0.140		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,4-Dichlorobenzene	<0.150		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Dichlorodifluoromethane	<0.140		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,2-Dichloroethane	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,1-Dichloroethane	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,1-Dichloroethene	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
trans-1,2-Dichloroethene	<0.160		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
cis-1,2-Dichloroethene	<0.150		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,3-Dichloropropane	<0.110		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
2,2-Dichloropropane	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,2-Dichloropropane	<0.180		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
trans-1,3-Dichloropropene	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,1-Dichloropropene	<0.110		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
cis-1,3-Dichloropropene	<0.150		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Diethyl ether	<0.150		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,4-Dioxane	<18.0		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18

Client	GES Westford (10650)	Work Order:	NUH3468
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11H7109-BLK1						
Ethylbenzene	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Ethyl tert-Butyl Ether	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Hexachlorobutadiene	<0.260		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
2-Hexanone	<0.710		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Isopropylbenzene	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Diisopropyl Ether	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
p-Isopropyltoluene	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Methyl tert-Butyl Ether	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Methylene Chloride	<1.67		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
4-Methyl-2-pentanone	<3.30		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Naphthalene	<1.70		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
n-Propylbenzene	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Styrene	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,1,2,2-Tetrachloroethane	<0.140		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,1,1,2-Tetrachloroethane	<0.180		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Tetrachloroethene	<0.190		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Tetrahydrofuran	<3.30		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Toluene	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,2,4-Trichlorobenzene	<0.180		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,2,3-Trichlorobenzene	0.270		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,1,1-Trichloroethane	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,1,2-Trichloroethane	<0.150		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Trichloroethene	<0.180		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Trichlorofluoromethane	<0.180		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,2,3-Trichloropropane	<0.270		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,3,5-Trimethylbenzene	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,2,4-Trimethylbenzene	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Vinyl chloride	<0.170		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Xylenes, total	<0.390		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
1,1,2-Trifluorotrichloroethane	<0.260		ug/L	11H7109	11H7109-BLK1	08/28/11 15:18
Surrogate: 1,2-Dichloroethane-d4	95%			11H7109	11H7109-BLK1	08/28/11 15:18
Surrogate: Dibromofluoromethane	99%			11H7109	11H7109-BLK1	08/28/11 15:18
Surrogate: Toluene-d8	100%			11H7109	11H7109-BLK1	08/28/11 15:18
Surrogate: 4-Bromofluorobenzene	95%			11H7109	11H7109-BLK1	08/28/11 15:18
11H7188-BLK1						
Acetone	<5.00		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Tert-Amyl Methyl Ether	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Benzene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Bromobenzene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Bromochloromethane	<0.240		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30

Client	GES Westford (10650)	Work Order:	NUH3468
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11H7188-BLK1						
Bromodichloromethane	<0.180		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Bromoform	<0.180		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Bromomethane	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
2-Butanone	<1.70		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
tert-Butylbenzene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
n-Butylbenzene	<0.180		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
sec-Butylbenzene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Carbon disulfide	<0.130		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Carbon Tetrachloride	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Chlorobenzene	<0.190		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Chlorodibromomethane	<0.210		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Chloroethane	<0.210		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Chloroform	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Chloromethane	<0.300		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
2-Chlorotoluene	<0.140		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
4-Chlorotoluene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,2-Dibromo-3-chloropropane	<0.270		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,2-Dibromoethane (EDB)	<0.180		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Dibromomethane	<0.160		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,2-Dichlorobenzene	<0.130		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,3-Dichlorobenzene	<0.140		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,4-Dichlorobenzene	<0.150		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Dichlorodifluoromethane	<0.140		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,2-Dichloroethane	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,1-Dichloroethane	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,1-Dichloroethene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
trans-1,2-Dichloroethene	<0.160		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
cis-1,2-Dichloroethene	<0.150		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,3-Dichloropropane	<0.110		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
2,2-Dichloropropane	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,2-Dichloropropane	<0.180		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
trans-1,3-Dichloropropene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,1-Dichloropropene	<0.110		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
cis-1,3-Dichloropropene	<0.150		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Diethyl ether	<0.150		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,4-Dioxane	<18.0		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Ethylbenzene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Ethyl tert-Butyl Ether	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Hexachlorobutadiene	<0.260		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
2-Hexanone	<0.710		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Isopropylbenzene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30

Client	GES Westford (10650)	Work Order:	NUH3468
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11H7188-BLK1						
Diisopropyl Ether	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
p-Isopropyltoluene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Methyl tert-Butyl Ether	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Methylene Chloride	<1.67		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
4-Methyl-2-pentanone	<3.30		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Naphthalene	<1.70		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
n-Propylbenzene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Styrene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,1,2,2-Tetrachloroethane	<0.140		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,1,1,2-Tetrachloroethane	<0.180		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Tetrachloroethene	<0.190		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Tetrahydrofuran	<3.30		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Toluene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,2,4-Trichlorobenzene	<0.180		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,2,3-Trichlorobenzene	<0.250		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,1,1-Trichloroethane	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,1,2-Trichloroethane	<0.150		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Trichloroethene	<0.180		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Trichlorofluoromethane	<0.180		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,2,3-Trichloropropane	<0.270		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,3,5-Trimethylbenzene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,2,4-Trimethylbenzene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Vinyl chloride	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Xylenes, total	<0.390		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,1,2-Trifluorotrichloroethane	<0.260		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Surrogate: 1,2-Dichloroethane-d4	94%			11H7188	11H7188-BLK1	08/29/11 22:30
Surrogate: Dibromofluoromethane	102%			11H7188	11H7188-BLK1	08/29/11 22:30
Surrogate: Toluene-d8	101%			11H7188	11H7188-BLK1	08/29/11 22:30
Surrogate: 4-Bromofluorobenzene	94%			11H7188	11H7188-BLK1	08/29/11 22:30

Client	GES Westford (10650)	Work Order:	NUH3468
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11H7109-BS1								
Acetone	250	316		ug/L	127%	70 - 130	11H7109	08/28/11 13:27
Tert-Amyl Methyl Ether	50.0	50.0		ug/L	100%	70 - 130	11H7109	08/28/11 13:27
Benzene	50.0	50.7		ug/L	101%	70 - 130	11H7109	08/28/11 13:27
Bromobenzene	50.0	49.3		ug/L	99%	70 - 130	11H7109	08/28/11 13:27
Bromochloromethane	50.0	44.6		ug/L	89%	70 - 130	11H7109	08/28/11 13:27
Bromodichloromethane	50.0	51.0		ug/L	102%	70 - 130	11H7109	08/28/11 13:27
Bromoform	50.0	58.3		ug/L	117%	70 - 130	11H7109	08/28/11 13:27
Bromomethane	50.0	38.7		ug/L	77%	70 - 130	11H7109	08/28/11 13:27
2-Butanone	250	255		ug/L	102%	70 - 130	11H7109	08/28/11 13:27
tert-Butylbenzene	50.0	51.3		ug/L	103%	70 - 130	11H7109	08/28/11 13:27
n-Butylbenzene	50.0	52.2		ug/L	104%	70 - 130	11H7109	08/28/11 13:27
sec-Butylbenzene	50.0	52.0		ug/L	104%	70 - 130	11H7109	08/28/11 13:27
Carbon disulfide	50.0	41.5		ug/L	83%	70 - 130	11H7109	08/28/11 13:27
Carbon Tetrachloride	50.0	52.3		ug/L	105%	70 - 130	11H7109	08/28/11 13:27
Chlorobenzene	50.0	48.6		ug/L	97%	70 - 130	11H7109	08/28/11 13:27
Chlorodibromomethane	50.0	56.0		ug/L	112%	70 - 130	11H7109	08/28/11 13:27
Chloroethane	50.0	42.0		ug/L	84%	70 - 130	11H7109	08/28/11 13:27
Chloroform	50.0	47.1		ug/L	94%	70 - 130	11H7109	08/28/11 13:27
Chloromethane	50.0	45.6		ug/L	91%	70 - 130	11H7109	08/28/11 13:27
2-Chlorotoluene	50.0	48.1		ug/L	96%	70 - 130	11H7109	08/28/11 13:27
4-Chlorotoluene	50.0	49.2		ug/L	98%	70 - 130	11H7109	08/28/11 13:27
1,2-Dibromo-3-chloropropane	50.0	60.9		ug/L	122%	70 - 130	11H7109	08/28/11 13:27
1,2-Dibromoethane (EDB)	50.0	53.9		ug/L	108%	70 - 130	11H7109	08/28/11 13:27
Dibromomethane	50.0	50.4		ug/L	101%	70 - 130	11H7109	08/28/11 13:27
1,2-Dichlorobenzene	50.0	53.2		ug/L	106%	70 - 130	11H7109	08/28/11 13:27
1,3-Dichlorobenzene	50.0	51.8		ug/L	104%	70 - 130	11H7109	08/28/11 13:27
1,4-Dichlorobenzene	50.0	51.8		ug/L	104%	70 - 130	11H7109	08/28/11 13:27
Dichlorodifluoromethane	50.0	50.6		ug/L	101%	70 - 130	11H7109	08/28/11 13:27
1,2-Dichloroethane	50.0	46.2		ug/L	92%	70 - 130	11H7109	08/28/11 13:27
1,1-Dichloroethane	50.0	43.9		ug/L	88%	70 - 130	11H7109	08/28/11 13:27
1,1-Dichloroethene	50.0	45.5		ug/L	91%	70 - 130	11H7109	08/28/11 13:27
trans-1,2-Dichloroethene	50.0	43.6		ug/L	87%	70 - 130	11H7109	08/28/11 13:27
cis-1,2-Dichloroethene	50.0	44.2		ug/L	88%	70 - 130	11H7109	08/28/11 13:27
1,3-Dichloropropane	50.0	49.0		ug/L	98%	70 - 130	11H7109	08/28/11 13:27
2,2-Dichloropropane	50.0	43.9		ug/L	88%	70 - 130	11H7109	08/28/11 13:27
1,2-Dichloropropane	50.0	46.6		ug/L	93%	70 - 130	11H7109	08/28/11 13:27
trans-1,3-Dichloropropene	50.0	51.6		ug/L	103%	70 - 130	11H7109	08/28/11 13:27
1,1-Dichloropropene	50.0	47.5		ug/L	95%	70 - 130	11H7109	08/28/11 13:27
cis-1,3-Dichloropropene	50.0	53.7		ug/L	107%	70 - 130	11H7109	08/28/11 13:27
Diethyl ether	50.0	49.0		ug/L	98%	70 - 130	11H7109	08/28/11 13:27
1,4-Dioxane	5000	5650		ug/L	113%	70 - 130	11H7109	08/28/11 13:27

Client	GES Westford (10650)	Work Order:	NUH3468
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11H7109-BS1								
Ethylbenzene	50.0	49.1		ug/L	98%	70 - 130	11H7109	08/28/11 13:27
Ethyl tert-Butyl Ether	50.0	43.7		ug/L	87%	70 - 130	11H7109	08/28/11 13:27
Hexachlorobutadiene	50.0	47.6		ug/L	95%	70 - 130	11H7109	08/28/11 13:27
2-Hexanone	250	296		ug/L	118%	70 - 130	11H7109	08/28/11 13:27
Isopropylbenzene	50.0	53.7		ug/L	107%	70 - 130	11H7109	08/28/11 13:27
Diisopropyl Ether	50.0	43.3		ug/L	87%	70 - 130	11H7109	08/28/11 13:27
p-Isopropyltoluene	50.0	50.2		ug/L	100%	70 - 130	11H7109	08/28/11 13:27
Methyl tert-Butyl Ether	50.0	47.2		ug/L	94%	70 - 130	11H7109	08/28/11 13:27
Methylene Chloride	50.0	46.7		ug/L	93%	70 - 130	11H7109	08/28/11 13:27
4-Methyl-2-pentanone	250	266		ug/L	106%	70 - 130	11H7109	08/28/11 13:27
Naphthalene	50.0	59.7		ug/L	119%	70 - 130	11H7109	08/28/11 13:27
n-Propylbenzene	50.0	50.8		ug/L	102%	70 - 130	11H7109	08/28/11 13:27
Styrene	50.0	49.3		ug/L	99%	70 - 130	11H7109	08/28/11 13:27
1,1,2,2-Tetrachloroethane	50.0	54.0		ug/L	108%	70 - 130	11H7109	08/28/11 13:27
1,1,1,2-Tetrachloroethane	50.0	50.9		ug/L	102%	70 - 130	11H7109	08/28/11 13:27
Tetrachloroethene	50.0	51.0		ug/L	102%	70 - 130	11H7109	08/28/11 13:27
Tetrahydrofuran	500	481		ug/L	96%	70 - 130	11H7109	08/28/11 13:27
Toluene	50.0	49.8		ug/L	100%	70 - 130	11H7109	08/28/11 13:27
1,2,4-Trichlorobenzene	50.0	61.8		ug/L	124%	70 - 130	11H7109	08/28/11 13:27
1,2,3-Trichlorobenzene	50.0	62.1		ug/L	124%	70 - 130	11H7109	08/28/11 13:27
1,1,1-Trichloroethane	50.0	50.9		ug/L	102%	70 - 130	11H7109	08/28/11 13:27
1,1,2-Trichloroethane	50.0	50.5		ug/L	101%	70 - 130	11H7109	08/28/11 13:27
Trichloroethene	50.0	51.5		ug/L	103%	70 - 130	11H7109	08/28/11 13:27
Trichlorofluoromethane	50.0	46.4		ug/L	93%	70 - 130	11H7109	08/28/11 13:27
1,2,3-Trichloropropane	50.0	52.6		ug/L	105%	70 - 130	11H7109	08/28/11 13:27
1,3,5-Trimethylbenzene	50.0	50.3		ug/L	101%	70 - 130	11H7109	08/28/11 13:27
1,2,4-Trimethylbenzene	50.0	50.1		ug/L	100%	70 - 130	11H7109	08/28/11 13:27
Vinyl chloride	50.0	47.2		ug/L	94%	70 - 130	11H7109	08/28/11 13:27
Xylenes, total	150	145		ug/L	96%	70 - 130	11H7109	08/28/11 13:27
1,1,2-Trifluorotrichloroethane	50.0	47.0		ug/L	94%	70 - 130	11H7109	08/28/11 13:27
Surrogate: 1,2-Dichloroethane-d4	25.0	23.5			94%	70 - 130	11H7109	08/28/11 13:27
Surrogate: Dibromofluoromethane	25.0	25.6			102%	70 - 130	11H7109	08/28/11 13:27
Surrogate: Toluene-d8	25.0	25.1			100%	70 - 130	11H7109	08/28/11 13:27
Surrogate: 4-Bromofluorobenzene	25.0	24.3			97%	70 - 130	11H7109	08/28/11 13:27
11H7188-BS1								
Acetone	250	231		ug/L	92%	70 - 130	11H7188	08/29/11 20:39
Tert-Amyl Methyl Ether	50.0	47.1		ug/L	94%	70 - 130	11H7188	08/29/11 20:39
Benzene	50.0	51.7		ug/L	103%	70 - 130	11H7188	08/29/11 20:39
Bromobenzene	50.0	49.7		ug/L	99%	70 - 130	11H7188	08/29/11 20:39
Bromochloromethane	50.0	50.4		ug/L	101%	70 - 130	11H7188	08/29/11 20:39

Client	GES Westford (10650)	Work Order:	NUH3468
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11H7188-BS1								
Bromodichloromethane	50.0	50.8		ug/L	102%	70 - 130	11H7188	08/29/11 20:39
Bromoform	50.0	55.3		ug/L	111%	70 - 130	11H7188	08/29/11 20:39
Bromomethane	50.0	45.5		ug/L	91%	70 - 130	11H7188	08/29/11 20:39
2-Butanone	250	222		ug/L	89%	70 - 130	11H7188	08/29/11 20:39
tert-Butylbenzene	50.0	51.9		ug/L	104%	70 - 130	11H7188	08/29/11 20:39
n-Butylbenzene	50.0	53.1		ug/L	106%	70 - 130	11H7188	08/29/11 20:39
sec-Butylbenzene	50.0	53.1		ug/L	106%	70 - 130	11H7188	08/29/11 20:39
Carbon disulfide	50.0	43.0		ug/L	86%	70 - 130	11H7188	08/29/11 20:39
Carbon Tetrachloride	50.0	54.6		ug/L	109%	70 - 130	11H7188	08/29/11 20:39
Chlorobenzene	50.0	50.4		ug/L	101%	70 - 130	11H7188	08/29/11 20:39
Chlorodibromomethane	50.0	55.4		ug/L	111%	70 - 130	11H7188	08/29/11 20:39
Chloroethane	50.0	45.7		ug/L	91%	70 - 130	11H7188	08/29/11 20:39
Chloroform	50.0	51.5		ug/L	103%	70 - 130	11H7188	08/29/11 20:39
Chloromethane	50.0	46.2		ug/L	92%	70 - 130	11H7188	08/29/11 20:39
2-Chlorotoluene	50.0	49.4		ug/L	99%	70 - 130	11H7188	08/29/11 20:39
4-Chlorotoluene	50.0	50.1		ug/L	100%	70 - 130	11H7188	08/29/11 20:39
1,2-Dibromo-3-chloropropane	50.0	53.1		ug/L	106%	70 - 130	11H7188	08/29/11 20:39
1,2-Dibromoethane (EDB)	50.0	52.8		ug/L	106%	70 - 130	11H7188	08/29/11 20:39
Dibromomethane	50.0	49.3		ug/L	99%	70 - 130	11H7188	08/29/11 20:39
1,2-Dichlorobenzene	50.0	52.4		ug/L	105%	70 - 130	11H7188	08/29/11 20:39
1,3-Dichlorobenzene	50.0	51.8		ug/L	104%	70 - 130	11H7188	08/29/11 20:39
1,4-Dichlorobenzene	50.0	51.7		ug/L	103%	70 - 130	11H7188	08/29/11 20:39
Dichlorodifluoromethane	50.0	46.3		ug/L	93%	70 - 130	11H7188	08/29/11 20:39
1,2-Dichloroethane	50.0	46.1		ug/L	92%	70 - 130	11H7188	08/29/11 20:39
1,1-Dichloroethane	50.0	45.2		ug/L	90%	70 - 130	11H7188	08/29/11 20:39
1,1-Dichloroethene	50.0	48.6		ug/L	97%	70 - 130	11H7188	08/29/11 20:39
trans-1,2-Dichloroethene	50.0	45.2		ug/L	90%	70 - 130	11H7188	08/29/11 20:39
cis-1,2-Dichloroethene	50.0	45.5		ug/L	91%	70 - 130	11H7188	08/29/11 20:39
1,3-Dichloropropane	50.0	48.8		ug/L	98%	70 - 130	11H7188	08/29/11 20:39
2,2-Dichloropropane	50.0	44.5		ug/L	89%	70 - 130	11H7188	08/29/11 20:39
1,2-Dichloropropane	50.0	46.2		ug/L	92%	70 - 130	11H7188	08/29/11 20:39
trans-1,3-Dichloropropene	50.0	50.1		ug/L	100%	70 - 130	11H7188	08/29/11 20:39
1,1-Dichloropropene	50.0	49.9		ug/L	100%	70 - 130	11H7188	08/29/11 20:39
cis-1,3-Dichloropropene	50.0	53.1		ug/L	106%	70 - 130	11H7188	08/29/11 20:39
Diethyl ether	50.0	46.2		ug/L	92%	70 - 130	11H7188	08/29/11 20:39
1,4-Dioxane	5000	5480		ug/L	110%	70 - 130	11H7188	08/29/11 20:39
Ethylbenzene	50.0	51.3		ug/L	103%	70 - 130	11H7188	08/29/11 20:39
Ethyl tert-Butyl Ether	50.0	41.8		ug/L	84%	70 - 130	11H7188	08/29/11 20:39
Hexachlorobutadiene	50.0	45.5		ug/L	91%	70 - 130	11H7188	08/29/11 20:39
2-Hexanone	250	258		ug/L	103%	70 - 130	11H7188	08/29/11 20:39
Isopropylbenzene	50.0	55.4		ug/L	111%	70 - 130	11H7188	08/29/11 20:39

Client	GES Westford (10650)	Work Order:	NUH3468
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

PROJECT QUALITY CONTROL DATA

LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11H7188-BS1								
Diisopropyl Ether	50.0	42.2		ug/L	84%	70 - 130	11H7188	08/29/11 20:39
p-Isopropyltoluene	50.0	50.4		ug/L	101%	70 - 130	11H7188	08/29/11 20:39
Methyl tert-Butyl Ether	50.0	44.6		ug/L	89%	70 - 130	11H7188	08/29/11 20:39
Methylene Chloride	50.0	48.0		ug/L	96%	70 - 130	11H7188	08/29/11 20:39
4-Methyl-2-pentanone	250	247		ug/L	99%	70 - 130	11H7188	08/29/11 20:39
Naphthalene	50.0	57.0		ug/L	114%	70 - 130	11H7188	08/29/11 20:39
n-Propylbenzene	50.0	52.5		ug/L	105%	70 - 130	11H7188	08/29/11 20:39
Styrene	50.0	50.3		ug/L	101%	70 - 130	11H7188	08/29/11 20:39
1,1,2,2-Tetrachloroethane	50.0	52.6		ug/L	105%	70 - 130	11H7188	08/29/11 20:39
1,1,1,2-Tetrachloroethane	50.0	51.8		ug/L	104%	70 - 130	11H7188	08/29/11 20:39
Tetrachloroethene	50.0	52.2		ug/L	104%	70 - 130	11H7188	08/29/11 20:39
Tetrahydrofuran	500	471		ug/L	94%	70 - 130	11H7188	08/29/11 20:39
Toluene	50.0	52.0		ug/L	104%	70 - 130	11H7188	08/29/11 20:39
1,2,4-Trichlorobenzene	50.0	59.0		ug/L	118%	70 - 130	11H7188	08/29/11 20:39
1,2,3-Trichlorobenzene	50.0	58.6		ug/L	117%	70 - 130	11H7188	08/29/11 20:39
1,1,1-Trichloroethane	50.0	53.6		ug/L	107%	70 - 130	11H7188	08/29/11 20:39
1,1,2-Trichloroethane	50.0	50.4		ug/L	101%	70 - 130	11H7188	08/29/11 20:39
Trichloroethene	50.0	52.7		ug/L	105%	70 - 130	11H7188	08/29/11 20:39
Trichlorofluoromethane	50.0	46.9		ug/L	94%	70 - 130	11H7188	08/29/11 20:39
1,2,3-Trichloropropane	50.0	50.8		ug/L	102%	70 - 130	11H7188	08/29/11 20:39
1,3,5-Trimethylbenzene	50.0	50.8		ug/L	102%	70 - 130	11H7188	08/29/11 20:39
1,2,4-Trimethylbenzene	50.0	50.6		ug/L	101%	70 - 130	11H7188	08/29/11 20:39
Vinyl chloride	50.0	47.9		ug/L	96%	70 - 130	11H7188	08/29/11 20:39
Xylenes, total	150	150		ug/L	100%	70 - 130	11H7188	08/29/11 20:39
1,1,2-Trifluorotrichloroethane	50.0	49.6		ug/L	99%	70 - 130	11H7188	08/29/11 20:39
Surrogate: 1,2-Dichloroethane-d4	25.0	22.9			91%	70 - 130	11H7188	08/29/11 20:39
Surrogate: Dibromofluoromethane	25.0	26.1			104%	70 - 130	11H7188	08/29/11 20:39
Surrogate: Toluene-d8	25.0	25.2			101%	70 - 130	11H7188	08/29/11 20:39
Surrogate: 4-Bromofluorobenzene	25.0	24.3			97%	70 - 130	11H7188	08/29/11 20:39

Client	GES Westford (10650)	Work Order:	NUH3468
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11H7109-BSD1												
Acetone		373	L1	ug/L	250	149%	70 - 130	16	20	11H7109		08/28/11 13:55
Tert-Amyl Methyl Ether		49.5		ug/L	50.0	99%	70 - 130	1	20	11H7109		08/28/11 13:55
Benzene		51.6		ug/L	50.0	103%	70 - 130	2	20	11H7109		08/28/11 13:55
Bromobenzene		49.1		ug/L	50.0	98%	70 - 130	0.3	20	11H7109		08/28/11 13:55
Bromochloromethane		49.2		ug/L	50.0	98%	70 - 130	10	20	11H7109		08/28/11 13:55
Bromodichloromethane		52.0		ug/L	50.0	104%	70 - 130	2	20	11H7109		08/28/11 13:55
Bromoform		61.5		ug/L	50.0	123%	70 - 130	5	20	11H7109		08/28/11 13:55
Bromomethane		41.5		ug/L	50.0	83%	70 - 130	7	20	11H7109		08/28/11 13:55
2-Butanone		257		ug/L	250	103%	70 - 130	0.8	20	11H7109		08/28/11 13:55
tert-Butylbenzene		51.7		ug/L	50.0	103%	70 - 130	0.8	20	11H7109		08/28/11 13:55
n-Butylbenzene		52.9		ug/L	50.0	106%	70 - 130	1	20	11H7109		08/28/11 13:55
sec-Butylbenzene		53.0		ug/L	50.0	106%	70 - 130	2	20	11H7109		08/28/11 13:55
Carbon disulfide		47.2		ug/L	50.0	94%	70 - 130	13	20	11H7109		08/28/11 13:55
Carbon Tetrachloride		52.8		ug/L	50.0	106%	70 - 130	0.9	20	11H7109		08/28/11 13:55
Chlorobenzene		50.4		ug/L	50.0	101%	70 - 130	4	20	11H7109		08/28/11 13:55
Chlorodibromomethane		56.8		ug/L	50.0	114%	70 - 130	1	20	11H7109		08/28/11 13:55
Chloroethane		46.3		ug/L	50.0	93%	70 - 130	10	20	11H7109		08/28/11 13:55
Chloroform		48.4		ug/L	50.0	97%	70 - 130	3	20	11H7109		08/28/11 13:55
Chloromethane		52.0		ug/L	50.0	104%	70 - 130	13	20	11H7109		08/28/11 13:55
2-Chlorotoluene		47.9		ug/L	50.0	96%	70 - 130	0.4	20	11H7109		08/28/11 13:55
4-Chlorotoluene		49.1		ug/L	50.0	98%	70 - 130	0.2	20	11H7109		08/28/11 13:55
1,2-Dibromo-3-chloropropane		58.9		ug/L	50.0	118%	70 - 130	3	20	11H7109		08/28/11 13:55
1,2-Dibromoethane (EDB)		54.9		ug/L	50.0	110%	70 - 130	2	20	11H7109		08/28/11 13:55
Dibromomethane		52.2		ug/L	50.0	104%	70 - 130	3	20	11H7109		08/28/11 13:55
1,2-Dichlorobenzene		53.7		ug/L	50.0	107%	70 - 130	1	20	11H7109		08/28/11 13:55
1,3-Dichlorobenzene		52.1		ug/L	50.0	104%	70 - 130	0.5	20	11H7109		08/28/11 13:55
1,4-Dichlorobenzene		52.5		ug/L	50.0	105%	70 - 130	1	20	11H7109		08/28/11 13:55
Dichlorodifluoromethane		57.5		ug/L	50.0	115%	70 - 130	13	20	11H7109		08/28/11 13:55
1,2-Dichloroethane		46.6		ug/L	50.0	93%	70 - 130	0.8	20	11H7109		08/28/11 13:55
1,1-Dichloroethane		46.2		ug/L	50.0	92%	70 - 130	5	20	11H7109		08/28/11 13:55
1,1-Dichloroethene		48.9		ug/L	50.0	98%	70 - 130	7	20	11H7109		08/28/11 13:55
trans-1,2-Dichloroethene		43.7		ug/L	50.0	87%	70 - 130	0.3	20	11H7109		08/28/11 13:55
cis-1,2-Dichloroethene		45.5		ug/L	50.0	91%	70 - 130	3	20	11H7109		08/28/11 13:55
1,3-Dichloropropane		49.7		ug/L	50.0	99%	70 - 130	1	20	11H7109		08/28/11 13:55
2,2-Dichloropropane		44.2		ug/L	50.0	88%	70 - 130	0.6	20	11H7109		08/28/11 13:55
1,2-Dichloropropane		47.0		ug/L	50.0	94%	70 - 130	0.9	20	11H7109		08/28/11 13:55
trans-1,3-Dichloropropene		50.6		ug/L	50.0	101%	70 - 130	2	20	11H7109		08/28/11 13:55
1,1-Dichloropropene		48.8		ug/L	50.0	98%	70 - 130	3	20	11H7109		08/28/11 13:55
cis-1,3-Dichloropropene		52.2		ug/L	50.0	104%	70 - 130	3	20	11H7109		08/28/11 13:55
Diethyl ether		47.2		ug/L	50.0	94%	70 - 130	4	20	11H7109		08/28/11 13:55
1,4-Dioxane		6840	L1	ug/L	5000	137%	70 - 130	19	20	11H7109		08/28/11 13:55

Client	GES Westford (10650)	Work Order:	NUH3468
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11H7109-BSD1												
Ethylbenzene		51.7		ug/L	50.0	103%	70 - 130	5	20	11H7109		08/28/11 13:55
Ethyl tert-Butyl Ether		42.8		ug/L	50.0	86%	70 - 130	2	20	11H7109		08/28/11 13:55
Hexachlorobutadiene		47.6		ug/L	50.0	95%	70 - 130	0.06	20	11H7109		08/28/11 13:55
2-Hexanone		305		ug/L	250	122%	70 - 130	3	20	11H7109		08/28/11 13:55
Isopropylbenzene		57.6		ug/L	50.0	115%	70 - 130	7	20	11H7109		08/28/11 13:55
Diisopropyl Ether		42.2		ug/L	50.0	84%	70 - 130	3	20	11H7109		08/28/11 13:55
p-Isopropyltoluene		50.4		ug/L	50.0	101%	70 - 130	0.6	20	11H7109		08/28/11 13:55
Methyl tert-Butyl Ether		44.9		ug/L	50.0	90%	70 - 130	5	20	11H7109		08/28/11 13:55
Methylene Chloride		51.3		ug/L	50.0	103%	70 - 130	9	20	11H7109		08/28/11 13:55
4-Methyl-2-pentanone		261		ug/L	250	104%	70 - 130	2	20	11H7109		08/28/11 13:55
Naphthalene		61.5		ug/L	50.0	123%	70 - 130	3	20	11H7109		08/28/11 13:55
n-Propylbenzene		51.2		ug/L	50.0	102%	70 - 130	0.7	20	11H7109		08/28/11 13:55
Styrene		52.4		ug/L	50.0	105%	70 - 130	6	20	11H7109		08/28/11 13:55
1,1,2,2-Tetrachloroethane		54.1		ug/L	50.0	108%	70 - 130	0.2	20	11H7109		08/28/11 13:55
1,1,1,2-Tetrachloroethane		52.3		ug/L	50.0	105%	70 - 130	3	20	11H7109		08/28/11 13:55
Tetrachloroethene		50.7		ug/L	50.0	101%	70 - 130	0.5	20	11H7109		08/28/11 13:55
Tetrahydrofuran		505		ug/L	500	101%	70 - 130	5	20	11H7109		08/28/11 13:55
Toluene		49.8		ug/L	50.0	100%	70 - 130	0	20	11H7109		08/28/11 13:55
1,2,4-Trichlorobenzene		63.2		ug/L	50.0	126%	70 - 130	2	20	11H7109		08/28/11 13:55
1,2,3-Trichlorobenzene		64.0		ug/L	50.0	128%	70 - 130	3	20	11H7109		08/28/11 13:55
1,1,1-Trichloroethane		52.0		ug/L	50.0	104%	70 - 130	2	20	11H7109		08/28/11 13:55
1,1,2-Trichloroethane		50.6		ug/L	50.0	101%	70 - 130	0.1	20	11H7109		08/28/11 13:55
Trichloroethene		53.5		ug/L	50.0	107%	70 - 130	4	20	11H7109		08/28/11 13:55
Trichlorofluoromethane		52.0		ug/L	50.0	104%	70 - 130	12	20	11H7109		08/28/11 13:55
1,2,3-Trichloropropane		53.1		ug/L	50.0	106%	70 - 130	0.9	20	11H7109		08/28/11 13:55
1,3,5-Trimethylbenzene		50.1		ug/L	50.0	100%	70 - 130	0.4	20	11H7109		08/28/11 13:55
1,2,4-Trimethylbenzene		50.5		ug/L	50.0	101%	70 - 130	0.7	20	11H7109		08/28/11 13:55
Vinyl chloride		52.5		ug/L	50.0	105%	70 - 130	10	20	11H7109		08/28/11 13:55
Xylenes, total		154		ug/L	150	103%	70 - 130	6	20	11H7109		08/28/11 13:55
1,1,2-Trifluorotrichloroethane		46.9		ug/L	50.0	94%	70 - 130	0.3	20	11H7109		08/28/11 13:55
Surrogate: 1,2-Dichloroethane-d4		23.1		ug/L	25.0	92%	70 - 130			11H7109		08/28/11 13:55
Surrogate: Dibromofluoromethane		26.4		ug/L	25.0	106%	70 - 130			11H7109		08/28/11 13:55
Surrogate: Toluene-d8		24.4		ug/L	25.0	97%	70 - 130			11H7109		08/28/11 13:55
Surrogate: 4-Bromofluorobenzene		24.0		ug/L	25.0	96%	70 - 130			11H7109		08/28/11 13:55
11H7188-BSD1												
Acetone		248		ug/L	250	99%	70 - 130	7	20	11H7188		08/29/11 21:07
Tert-Amyl Methyl Ether		46.5		ug/L	50.0	93%	70 - 130	1	20	11H7188		08/29/11 21:07
Benzene		50.2		ug/L	50.0	100%	70 - 130	3	20	11H7188		08/29/11 21:07
Bromobenzene		49.0		ug/L	50.0	98%	70 - 130	1	20	11H7188		08/29/11 21:07
Bromochloromethane		50.2		ug/L	50.0	100%	70 - 130	0.5	20	11H7188		08/29/11 21:07

Client	GES Westford (10650)	Work Order:	NUH3468
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11H7188-BSD1												
Bromodichloromethane		49.7		ug/L	50.0	99%	70 - 130	2	20	11H7188		08/29/11 21:07
Bromoform		54.1		ug/L	50.0	108%	70 - 130	2	20	11H7188		08/29/11 21:07
Bromomethane		44.1		ug/L	50.0	88%	70 - 130	3	20	11H7188		08/29/11 21:07
2-Butanone		220		ug/L	250	88%	70 - 130	0.6	20	11H7188		08/29/11 21:07
tert-Butylbenzene		50.3		ug/L	50.0	101%	70 - 130	3	20	11H7188		08/29/11 21:07
n-Butylbenzene		51.5		ug/L	50.0	103%	70 - 130	3	20	11H7188		08/29/11 21:07
sec-Butylbenzene		51.4		ug/L	50.0	103%	70 - 130	3	20	11H7188		08/29/11 21:07
Carbon disulfide		41.2		ug/L	50.0	82%	70 - 130	4	20	11H7188		08/29/11 21:07
Carbon Tetrachloride		52.6		ug/L	50.0	105%	70 - 130	4	20	11H7188		08/29/11 21:07
Chlorobenzene		48.8		ug/L	50.0	98%	70 - 130	3	20	11H7188		08/29/11 21:07
Chlorodibromomethane		54.2		ug/L	50.0	108%	70 - 130	2	20	11H7188		08/29/11 21:07
Chloroethane		44.1		ug/L	50.0	88%	70 - 130	4	20	11H7188		08/29/11 21:07
Chloroform		50.1		ug/L	50.0	100%	70 - 130	3	20	11H7188		08/29/11 21:07
Chloromethane		44.0		ug/L	50.0	88%	70 - 130	5	20	11H7188		08/29/11 21:07
2-Chlorotoluene		48.3		ug/L	50.0	97%	70 - 130	2	20	11H7188		08/29/11 21:07
4-Chlorotoluene		49.3		ug/L	50.0	99%	70 - 130	2	20	11H7188		08/29/11 21:07
1,2-Dibromo-3-chloropropane		52.3		ug/L	50.0	105%	70 - 130	2	20	11H7188		08/29/11 21:07
1,2-Dibromoethane (EDB)		51.4		ug/L	50.0	103%	70 - 130	3	20	11H7188		08/29/11 21:07
Dibromomethane		48.8		ug/L	50.0	98%	70 - 130	1	20	11H7188		08/29/11 21:07
1,2-Dichlorobenzene		52.3		ug/L	50.0	105%	70 - 130	0.1	20	11H7188		08/29/11 21:07
1,3-Dichlorobenzene		50.8		ug/L	50.0	102%	70 - 130	2	20	11H7188		08/29/11 21:07
1,4-Dichlorobenzene		51.1		ug/L	50.0	102%	70 - 130	1	20	11H7188		08/29/11 21:07
Dichlorodifluoromethane		44.0		ug/L	50.0	88%	70 - 130	5	20	11H7188		08/29/11 21:07
1,2-Dichloroethane		45.5		ug/L	50.0	91%	70 - 130	1	20	11H7188		08/29/11 21:07
1,1-Dichloroethane		43.5		ug/L	50.0	87%	70 - 130	4	20	11H7188		08/29/11 21:07
1,1-Dichloroethene		46.2		ug/L	50.0	92%	70 - 130	5	20	11H7188		08/29/11 21:07
trans-1,2-Dichloroethene		42.9		ug/L	50.0	86%	70 - 130	5	20	11H7188		08/29/11 21:07
cis-1,2-Dichloroethene		44.2		ug/L	50.0	88%	70 - 130	3	20	11H7188		08/29/11 21:07
1,3-Dichloropropane		47.6		ug/L	50.0	95%	70 - 130	3	20	11H7188		08/29/11 21:07
2,2-Dichloropropane		42.8		ug/L	50.0	86%	70 - 130	4	20	11H7188		08/29/11 21:07
1,2-Dichloropropane		44.7		ug/L	50.0	89%	70 - 130	3	20	11H7188		08/29/11 21:07
trans-1,3-Dichloropropene		49.0		ug/L	50.0	98%	70 - 130	2	20	11H7188		08/29/11 21:07
1,1-Dichloropropene		48.4		ug/L	50.0	97%	70 - 130	3	20	11H7188		08/29/11 21:07
cis-1,3-Dichloropropene		51.6		ug/L	50.0	103%	70 - 130	3	20	11H7188		08/29/11 21:07
Diethyl ether		45.6		ug/L	50.0	91%	70 - 130	1	20	11H7188		08/29/11 21:07
1,4-Dioxane		5490		ug/L	5000	110%	70 - 130	0.2	20	11H7188		08/29/11 21:07
Ethylbenzene		49.3		ug/L	50.0	99%	70 - 130	4	20	11H7188		08/29/11 21:07
Ethyl tert-Butyl Ether		41.2		ug/L	50.0	82%	70 - 130	1	20	11H7188		08/29/11 21:07
Hexachlorobutadiene		43.5		ug/L	50.0	87%	70 - 130	4	20	11H7188		08/29/11 21:07
2-Hexanone		258		ug/L	250	103%	70 - 130	0.1	20	11H7188		08/29/11 21:07
Isopropylbenzene		53.0		ug/L	50.0	106%	70 - 130	5	20	11H7188		08/29/11 21:07

Client	GES Westford (10650)	Work Order:	NUH3468
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11H7188-BSD1												
Diisopropyl Ether		41.5		ug/L	50.0	83%	70 - 130	2	20	11H7188		08/29/11 21:07
p-Isopropyltoluene		49.5		ug/L	50.0	99%	70 - 130	2	20	11H7188		08/29/11 21:07
Methyl tert-Butyl Ether		43.6		ug/L	50.0	87%	70 - 130	2	20	11H7188		08/29/11 21:07
Methylene Chloride		46.2		ug/L	50.0	92%	70 - 130	4	20	11H7188		08/29/11 21:07
4-Methyl-2-pentanone		243		ug/L	250	97%	70 - 130	1	20	11H7188		08/29/11 21:07
Naphthalene		56.3		ug/L	50.0	113%	70 - 130	1	20	11H7188		08/29/11 21:07
n-Propylbenzene		51.1		ug/L	50.0	102%	70 - 130	3	20	11H7188		08/29/11 21:07
Styrene		48.6		ug/L	50.0	97%	70 - 130	3	20	11H7188		08/29/11 21:07
1,1,2,2-Tetrachloroethane		51.2		ug/L	50.0	102%	70 - 130	3	20	11H7188		08/29/11 21:07
1,1,1,2-Tetrachloroethane		50.4		ug/L	50.0	101%	70 - 130	3	20	11H7188		08/29/11 21:07
Tetrachloroethene		49.9		ug/L	50.0	100%	70 - 130	4	20	11H7188		08/29/11 21:07
Tetrahydrofuran		464		ug/L	500	93%	70 - 130	2	20	11H7188		08/29/11 21:07
Toluene		49.7		ug/L	50.0	99%	70 - 130	4	20	11H7188		08/29/11 21:07
1,2,4-Trichlorobenzene		58.3		ug/L	50.0	117%	70 - 130	1	20	11H7188		08/29/11 21:07
1,2,3-Trichlorobenzene		58.5		ug/L	50.0	117%	70 - 130	0.1	20	11H7188		08/29/11 21:07
1,1,1-Trichloroethane		51.5		ug/L	50.0	103%	70 - 130	4	20	11H7188		08/29/11 21:07
1,1,2-Trichloroethane		48.8		ug/L	50.0	98%	70 - 130	3	20	11H7188		08/29/11 21:07
Trichloroethene		50.8		ug/L	50.0	102%	70 - 130	4	20	11H7188		08/29/11 21:07
Trichlorofluoromethane		44.8		ug/L	50.0	90%	70 - 130	4	20	11H7188		08/29/11 21:07
1,2,3-Trichloropropane		49.9		ug/L	50.0	100%	70 - 130	2	20	11H7188		08/29/11 21:07
1,3,5-Trimethylbenzene		49.9		ug/L	50.0	100%	70 - 130	2	20	11H7188		08/29/11 21:07
1,2,4-Trimethylbenzene		49.4		ug/L	50.0	99%	70 - 130	2	20	11H7188		08/29/11 21:07
Vinyl chloride		45.4		ug/L	50.0	91%	70 - 130	5	20	11H7188		08/29/11 21:07
Xylenes, total		144		ug/L	150	96%	70 - 130	4	20	11H7188		08/29/11 21:07
1,1,2-Trifluorotrichloroethane		47.6		ug/L	50.0	95%	70 - 130	4	20	11H7188		08/29/11 21:07
Surrogate: 1,2-Dichloroethane-d4		23.1		ug/L	25.0	92%	70 - 130			11H7188		08/29/11 21:07
Surrogate: Dibromofluoromethane		25.7		ug/L	25.0	103%	70 - 130			11H7188		08/29/11 21:07
Surrogate: Toluene-d8		25.0		ug/L	25.0	100%	70 - 130			11H7188		08/29/11 21:07
Surrogate: 4-Bromofluorobenzene		24.5		ug/L	25.0	98%	70 - 130			11H7188		08/29/11 21:07

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3468
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/25/11 08:45

DATA QUALIFIERS AND DEFINITIONS

CF7	Result may be elevated due to carry over from previously analyzed sample.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
ND	Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER R

NUH3468

Cooler Received/Opened On 8/25/2011@ 8:45

1. Tracking # 1037 (last 4 digits, FedEx)

Courier: Fedex IR Gun ID Raynger

2. Temperature of rep. sample or temp blank when opened: 1.0 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO NA

4. Were custody seals on outside of cooler? YES...NO...NA

If yes, how many and where: 1 Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # NA

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...# _____

BIS = Broken in shipment

T NUH3468

09/02/11 23:59

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

Consultant Name: GES
Address: 364 Littleton Road
City/State/Zip: Westford, MA 01886
Project Mgr: Stefan Sokol
Consultant Project Mgr: Roy Swartz
Consultant Telephone Number: 800-221-6119
Fax No.: 978-392-8583
Sampler Name: (Print)
Sampler Signature:

TA Account #:
Invoice To:
Report To: Stefan Sokol - ssokol@gesonline.com; Mary Cathey - mcathey@gesonline.com
PO #:
PROJECT #: 1603978
Facility ID # General Chemical
Site Address 133 Leland Street
City, State, Zip Framington, MA
Regulatory District (CA)

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify)	Analyze For: VOCs	SVOCs	total Fe & Mn	dissolved Fe & Mn	sulfate	chloride	alkalinity	RSK175 gases	RUSH TAT (Pre-Schedule) - (See notes)	TAT request (in Bus. Days)	Fax Results (yes or no)	Due Date of Report
trip blank	08/20/11		1						X												X								X			
GZ15R	08/22/11	1255	3	X																									X		MW	
GZ2		1555																											X			
GZ18M		1215																											X			
MW-33		1510																											X			
GZ7		1625																											X			

Comments/Special Instructions: Use CAMs methods & reporting format.
Results due 9/2/2011 per Jennifer Huckaba.

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2 Level 3 Level 4 Other

Relinquished by:	Date	Time	Received by:	Date	Time
	08/22/11	1815	GES Stark	08/22/11	1815
	8/24/11	11:45	Received by TestAmerica: ORCE	8-24-11	11:45

8-25-11
08:45 10

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

September 06, 2011 1:30:07PM

Client: GES Westford (10650)
364 Littleton Road, Suite 4
Westford, MA 01886
Attn: Stefan Sokol

Work Order: NUH3805
Project Name: General Chemical
Project Nbr: Framingham, MA
P/O Nbr: 1603978
Date Received: 08/27/11

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Trip Blank	NUH3805-01	08/25/11 00:01
MW-12	NUH3805-02	08/25/11 08:00
MW-22	NUH3805-03	08/25/11 07:00
WMW-2S	NUH3805-04	08/25/11 09:15
WMW-8S	NUH3805-05	08/25/11 11:00
SW-10	NUH3805-06	08/25/11 11:50

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. These results relate only to the items tested, and this report may not be reproduced except in full and with the permission of the Laboratory. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Certification Number: M-TN032

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

Additional Laboratory Comments:
All samples were received in good condition, properly preserved, and properly labeled. All analyses were completed within holding times.

All no responses from the attached "MCP Response Action Analytical Report Certification Form" are addressed below.

G. The volatile reporting limit for tetrahydrofuran was above the MADEP CAM limits.

The semi-volatile reporting limits for azobenzene, 2,4-dinitrophenol, 4-nitrophenol, Pentachlorophenol and 2,4,5-trichlorophenol were above the MADEP CAM limits.

H. The semi-volatile surrogate recovery for Phenol-d5 in sample MW-22 (NUH3805-03) was outside QC limits due to sample matrix. The sample chromatogram was included with this report. Also, there was not enough sample for another extraction.

The volatile blank spike and/or blank spike duplicate (LCS/LCSD) recoveries for 1,4-Dioxane in batches 11H6907, 11H0410 and 11H0465 were outside QC limits. Less than 10% of the analytes were outside criteria and the recoveries were within greater than 10%; therefore the data was accepted without further analysis.

The semi- volatile blank spike and/or blank spike duplicate (LCS/LCSD) recoveries for Hexachloroethane and 4-Nitrophenol and 1,4-Dioxane in batch 11H6557 were outside QC limits. Less than 10% of the analytes were outside criteria and the recoveries were within greater than 10%; therefore the data was accepted without further analysis and there was not enough sample to re-analyze.

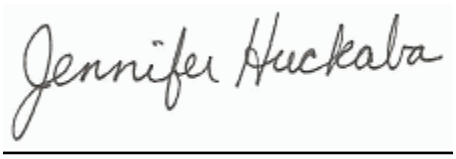
The PAH SIM blank spike duplicate (LCSD) RPD for Benzo(k)fluoranthene in batch 11H6464 was outside QC limits. The recoveries were within QC limits; therefore the data was accepted without further analysis.

I. The full MCP metals CAM analyte list was not reported. Only those analytes requested on the chain of custody by the client were reported.

The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainty is available upon request.
This report has been electronically signed.
Report Approved By:



Jennifer Huckaba

Senior Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

Sample Cooler Information

Lab ID	Cooler ID	Temp	Seals	Containers Intact	Preservation Confirmed	On Ice
	2476	1.9C	Yes	Yes	No	Yes

MassDEP Analytical Protocol Certification Form

Laboratory Name: TestAmerica Analytical Testing Corporation Project #: Framingham, MA

Project Location: General Chemical RTN:

This Form provides certifications for the following data set: list Laboratory Sample ID Number(s):

NUH3805

Matrices: Groundwater/Surface Water Soil/Sediment Drinking Water Air Other:

CAM Protocol (check all that apply below):

8260 VOC CAM II A X	7470/7471 Hg CAM III B	MassDEP VPH CAM IV A	8081 Pesticides CAM V B	7196 Hex Cr CAM VI B	MassDEP APH CAM IX A
8270 SVOC CAM II B X	7010 Metals CAM III C	MassDEP EPH CAM IV B	8151 Herbicides CAM V C	8330 Explosives CAM VIII A	TO-15 VOC CAM IX B
6010 Metals CAM III A X	6020 Metals CAM III D	8082 PCB CAM V A	9014 Total Cyanide/PAC CAM VI A	6860 Perchlorate CAM VIII B	

Affirmative Responses to Questions A through F are required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	(Yes) No
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	(Yes) No
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	(Yes) No
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	(Yes) No
E	VPH, EPH, APH, and TO-15 only: a. VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications). b. APH and TO-15 Methods only: Was the complete analyte list reported for each method?	Yes No Yes No
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	(Yes) No

Responses to Questions G, H and I below are required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	Yes (No[1])

***Data User Note:** Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.*

H	Were all QC performance standards specified in the CAM protocol(s) achieved?	Yes (No[1])
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	Yes (No[1])

[1] *All negative responses must be addressed in an attached laboratory narrative.*

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: Jennifer Huckaba **Position:** Sr Proj Mgr.

Printed Name: Jennifer Huckaba **Date:** 9-6-11

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3805-01 (Trip Blank - Water) Sampled: 08/25/11 00:01										
Volatile Organic Compounds by EPA Method 8260B										
Acetone	ND	ug/L		10.0	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Benzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Bromobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Bromochloromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Bromodichloromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Bromoform	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Bromomethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
2-Butanone	ND	ug/L		10.0	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
tert-Butylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
n-Butylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
sec-Butylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Carbon disulfide	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Carbon Tetrachloride	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Chlorobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Chlorodibromomethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Chloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Chloroform	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Chloromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
2-Chlorotoluene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
4-Chlorotoluene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Dibromomethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
1,2-Dichloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
1,1-Dichloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
1,1-Dichloroethene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
cis-1,2-Dichloroethene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
1,3-Dichloropropane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
2,2-Dichloropropane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
1,2-Dichloropropane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
1,1-Dichloropropene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Diethyl ether	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3805-01 (Trip Blank - Water) - cont. Sampled: 08/25/11 00:01										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L	L	200	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Ethylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Hexachlorobutadiene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
2-Hexanone	ND	ug/L		10.0	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Isopropylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Diisopropyl Ether	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
p-Isopropyltoluene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Methylene Chloride	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Naphthalene	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
n-Propylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Styrene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Tetrachloroethene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Tetrahydrofuran	ND	ug/L		20.0	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Toluene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
1,1,1-Trichloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Trichloroethene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Trichlorofluoromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Vinyl chloride	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Xylenes, total	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
1,1,2-Trifluorotrichloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 16:11	EML	SW846 8260B	11H6907
Surr: 1,2-Dichloroethane-d4 (70-130%)	*108 %*						08/30/11 16:11	EML	SW846 8260B	11H6907
Surr: Dibromofluoromethane (70-130%)	*98 %*						08/30/11 16:11	EML	SW846 8260B	11H6907
Surr: Toluene-d8 (70-130%)	*100 %*						08/30/11 16:11	EML	SW846 8260B	11H6907
Surr: 4-Bromofluorobenzene (70-130%)	*103 %*						08/30/11 16:11	EML	SW846 8260B	11H6907

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3805-02 (MW-12 - Water) Sampled: 08/25/11 08:00										
Volatile Organic Compounds by EPA Method 8260B										
Acetone	ND	ug/L		10.0	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Benzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Bromobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Bromochloromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Bromodichloromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Bromoform	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Bromomethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
2-Butanone	ND	ug/L		10.0	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
tert-Butylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
n-Butylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
sec-Butylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Carbon disulfide	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Carbon Tetrachloride	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Chlorobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Chlorodibromomethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Chloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Chloroform	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Chloromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
2-Chlorotoluene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
4-Chlorotoluene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Dibromomethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
1,2-Dichloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
1,1-Dichloroethane	**24.9**	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
1,1-Dichloroethene	**14.8**	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
cis-1,2-Dichloroethene	**354**	ug/L		10.0	10	08/31/11 21:34	09/01/11 01:17	EML	SW846 8260B	11I0410
1,3-Dichloropropane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
2,2-Dichloropropane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
1,2-Dichloropropane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
1,1-Dichloropropene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Diethyl ether	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3805-02 (MW-12 - Water) - cont. Sampled: 08/25/11 08:00										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L	L	200	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Ethylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Hexachlorobutadiene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
2-Hexanone	ND	ug/L		10.0	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Isopropylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Diisopropyl Ether	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
p-Isopropyltoluene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Methylene Chloride	**3.09**	ug/L		2.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Naphthalene	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
n-Propylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Styrene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Tetrachloroethene	**67.1**	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Tetrahydrofuran	ND	ug/L		20.0	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Toluene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
1,1,1-Trichloroethane	**103**	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Trichloroethene	**140**	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Trichlorofluoromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Vinyl chloride	**4.94**	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Xylenes, total	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
1,1,2-Trifluorotrichloroethane	**38.5**	ug/L		1.00	1	08/30/11 10:22	08/30/11 17:59	EML	SW846 8260B	11H6907
Surr: 1,2-Dichloroethane-d4 (70-130%)	*108 %*						08/30/11 17:59	EML	SW846 8260B	11H6907
Surr: 1,2-Dichloroethane-d4 (70-130%)	*95 %*						09/01/11 01:17	EML	SW846 8260B	11I0410
Surr: Dibromofluoromethane (70-130%)	*100 %*						08/30/11 17:59	EML	SW846 8260B	11H6907
Surr: Dibromofluoromethane (70-130%)	*97 %*						09/01/11 01:17	EML	SW846 8260B	11I0410
Surr: Toluene-d8 (70-130%)	*101 %*						08/30/11 17:59	EML	SW846 8260B	11H6907
Surr: Toluene-d8 (70-130%)	*100 %*						09/01/11 01:17	EML	SW846 8260B	11I0410
Surr: 4-Bromofluorobenzene (70-130%)	*102 %*						08/30/11 17:59	EML	SW846 8260B	11H6907
Surr: 4-Bromofluorobenzene (70-130%)	*95 %*						09/01/11 01:17	EML	SW846 8260B	11I0410

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Sample ID: NUH3805-03 (MW-22 - Water) Sampled: 08/25/11 07:00

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	**475**	ug/L		10.0	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
Tert-Amyl Methyl Ether	**2.86**	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
Benzene	**9.21**	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
Bromobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
Bromochloromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
Bromodichloromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
Bromoform	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
Bromomethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
2-Butanone	ND	ug/L		10.0	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
tert-Butylbenzene	**1.07**	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
n-Butylbenzene	**9.71**	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
sec-Butylbenzene	**4.19**	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
Carbon disulfide	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
Carbon Tetrachloride	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
Chlorobenzene	**6.23**	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
Chlorodibromomethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
Chloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
Chloroform	**12.6**	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
Chloromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
2-Chlorotoluene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
4-Chlorotoluene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
Dibromomethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
1,2-Dichlorobenzene	**6.37**	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
1,2-Dichloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
1,1-Dichloroethane	**1330**	ug/L		50.0	50	08/31/11 21:34	09/01/11 05:27	EML	SW846 8260B	11I0410
1,1-Dichloroethene	**3740**	ug/L		50.0	50	08/31/11 21:34	09/01/11 05:27	EML	SW846 8260B	11I0410
trans-1,2-Dichloroethene	ND	ug/L		50.0	50	08/31/11 21:34	09/01/11 05:27	EML	SW846 8260B	11I0410
cis-1,2-Dichloroethene	**42500**	ug/L		500	500	08/31/11 21:34	09/01/11 03:08	EML	SW846 8260B	11I0410
1,3-Dichloropropane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
2,2-Dichloropropane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
1,2-Dichloropropane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
1,1-Dichloropropene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
Diethyl ether	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3805-03 (MW-22 - Water) - cont. Sampled: 08/25/11 07:00										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	**718**	ug/L	L1	200	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
Ethylbenzene	**189**	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
Hexachlorobutadiene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
2-Hexanone	ND	ug/L		10.0	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
Isopropylbenzene	**19.1**	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
Diisopropyl Ether	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
p-Isopropyltoluene	**8.16**	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
Methyl tert-Butyl Ether	**5.95**	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
Methylene Chloride	**680**	ug/L		100	50	08/31/11 21:34	09/01/11 05:27	EML	SW846 8260B	11I0410
4-Methyl-2-pentanone	**13.6**	ug/L		10.0	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
Naphthalene	**156**	ug/L		2.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
n-Propylbenzene	**22.8**	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
Styrene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
1,1,2,2-Tetrachloroethane	**2.93**	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
1,1,1,2-Tetrachloroethane	**15.9**	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
Tetrachloroethene	**47100**	ug/L		500	500	08/31/11 21:34	09/01/11 03:08	EML	SW846 8260B	11I0410
Tetrahydrofuran	ND	ug/L		20.0	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
Toluene	**314**	ug/L		50.0	50	08/31/11 21:34	09/01/11 05:27	EML	SW846 8260B	11I0410
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
1,1,1-Trichloroethane	**43700**	ug/L		500	500	08/31/11 21:34	09/01/11 03:08	EML	SW846 8260B	11I0410
1,1,2-Trichloroethane	**24.3**	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
Trichloroethene	**15300**	ug/L		500	500	08/31/11 21:34	09/01/11 03:08	EML	SW846 8260B	11I0410
Trichlorofluoromethane	**28.4**	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
1,3,5-Trimethylbenzene	**83.6**	ug/L		1.00	1	08/30/11 10:22	08/30/11 18:26	EML	SW846 8260B	11H6907
1,2,4-Trimethylbenzene	**192**	ug/L		50.0	50	08/31/11 21:34	09/01/11 05:27	EML	SW846 8260B	11I0410
Vinyl chloride	**254**	ug/L		50.0	50	08/31/11 21:34	09/01/11 05:27	EML	SW846 8260B	11I0410
Xylenes, total	**622**	ug/L		100	50	08/31/11 21:34	09/01/11 05:27	EML	SW846 8260B	11I0410
1,1,2-Trifluorotrichloroethane	**4780**	ug/L		50.0	50	08/31/11 21:34	09/01/11 05:27	EML	SW846 8260B	11I0410
Surr: 1,2-Dichloroethane-d4 (70-130%)	*108 %*						08/30/11 18:26	EML	SW846 8260B	11H6907
Surr: 1,2-Dichloroethane-d4 (70-130%)	*92 %*						09/01/11 05:27	EML	SW846 8260B	11I0410
Surr: 1,2-Dichloroethane-d4 (70-130%)	*93 %*						09/01/11 03:08	EML	SW846 8260B	11I0410
Surr: Dibromofluoromethane (70-130%)	*75 %*						08/30/11 18:26	EML	SW846 8260B	11H6907
Surr: Dibromofluoromethane (70-130%)	*107 %*						09/01/11 05:27	EML	SW846 8260B	11I0410
Surr: Dibromofluoromethane (70-130%)	*98 %*						09/01/11 03:08	EML	SW846 8260B	11I0410
Surr: Toluene-d8 (70-130%)	*107 %*						08/30/11 18:26	EML	SW846 8260B	11H6907
Surr: Toluene-d8 (70-130%)	*99 %*						09/01/11 05:27	EML	SW846 8260B	11I0410
Surr: Toluene-d8 (70-130%)	*99 %*						09/01/11 03:08	EML	SW846 8260B	11I0410

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3805-03 (MW-22 - Water) - cont. Sampled: 08/25/11 07:00										
Volatile Organic Compounds by EPA Method 8260B - cont.										
Surr: 4-Bromofluorobenzene (70-130%)	*100 %*						08/30/11 18:26	EML	SW846 8260B	11H6907
Surr: 4-Bromofluorobenzene (70-130%)	*94 %*						09/01/11 05:27	EML	SW846 8260B	11I0410
Surr: 4-Bromofluorobenzene (70-130%)	*94 %*						09/01/11 03:08	EML	SW846 8260B	11I0410

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Sample ID: NUH3805-03 (MW-22 - Water) - cont. Sampled: 08/25/11 07:00

Semivolatile Organic Compounds by EPA Method 8270D

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetophenone	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
Aniline	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
Azobenzene	ND	ug/L		54.1	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
Bis(2-chloroethoxy)methane	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
Bis(2-chloroethyl)ether	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
Bis(2-chloroisopropyl)ether	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
Bis(2-ethylhexyl)phthalate	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
4-Bromophenyl phenyl ether	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
Butyl benzyl phthalate	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
4-Chloroaniline	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
2-Chloronaphthalene	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
2-Chlorophenol	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
Dibenzofuran	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
1,2-Dichlorobenzene	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
1,3-Dichlorobenzene	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
1,4-Dichlorobenzene	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
3,3-Dichlorobenzidine	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
2,4-Dichlorophenol	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
Diethyl phthalate	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
2,4-Dimethylphenol	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
Dimethyl phthalate	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
Di-n-butyl phthalate	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
2,4-Dinitrophenol	ND	ug/L		27.0	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
2,4-Dinitrotoluene	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
2,6-Dinitrotoluene	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
Di-n-octyl phthalate	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
1,4-Dioxane	**200**	ug/L		54.1	5	08/29/11 10:50	09/01/11 01:17	KJP	SW846 8270D	11H6557
Hexachlorobenzene	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
Hexachlorobutadiene	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
Hexachloroethane	ND	ug/L	L2	10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
Isophorone	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
2-Methylphenol	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
3/4-Methylphenol	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
Nitrobenzene	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
2-Nitrophenol	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
4-Nitrophenol	ND	ug/L	L2	27.0	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
Pentachlorophenol	ND	ug/L		27.0	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
Phenol	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
1,2,4-Trichlorobenzene	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
2,4,5-Trichlorophenol	ND	ug/L		27.0	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3805-03 (MW-22 - Water) - cont. Sampled: 08/25/11 07:00										
Semivolatile Organic Compounds by EPA Method 8270D - cont.										
2,4,6-Trichlorophenol	ND	ug/L		10.8	1	08/29/11 10:50	08/29/11 21:40	KJP	SW846 8270D	11H6557
Surr: 2-Fluorophenol (15-110%)	*37 %*						08/29/11 21:40	KJP	SW846 8270D	11H6557
Surr: Phenol-d5 (15-110%)	*1 %*		*ZX*				08/29/11 21:40	KJP	SW846 8270D	11H6557
Surr: Nitrobenzene-d5 (30-130%)	*56 %*						08/29/11 21:40	KJP	SW846 8270D	11H6557
Surr: 2-Fluorobiphenyl (30-130%)	*60 %*						08/29/11 21:40	KJP	SW846 8270D	11H6557
Surr: 2,4,6-Tribromophenol (15-110%)	*68 %*						08/29/11 21:40	KJP	SW846 8270D	11H6557
Surr: Terphenyl-d14 (30-130%)	*72 %*						08/29/11 21:40	KJP	SW846 8270D	11H6557

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3805-03 (MW-22 - Water) - cont. Sampled: 08/25/11 07:00										
Polyaromatic Hydrocarbons by EPA 8270D SIM										
Acenaphthene	**1.337**	ug/L		0.1053	1	08/29/11 06:30	08/29/11 19:49	CLJ	SW846 8270DSIM	11H6464
Acenaphthylene	**0.2842**	ug/L		0.1053	1	08/29/11 06:30	08/29/11 19:49	CLJ	SW846 8270DSIM	11H6464
Anthracene	**0.1053**	ug/L		0.1053	1	08/29/11 06:30	08/29/11 19:49	CLJ	SW846 8270DSIM	11H6464
Benzo (a) anthracene	ND	ug/L		0.1053	1	08/29/11 06:30	08/29/11 19:49	CLJ	SW846 8270DSIM	11H6464
Benzo (a) pyrene	ND	ug/L		0.1053	1	08/29/11 06:30	08/29/11 19:49	CLJ	SW846 8270DSIM	11H6464
Benzo (b) fluoranthene	ND	ug/L		0.1053	1	08/29/11 06:30	08/29/11 19:49	CLJ	SW846 8270DSIM	11H6464
Benzo (g,h,i) perylene	ND	ug/L		0.1053	1	08/29/11 06:30	08/29/11 19:49	CLJ	SW846 8270DSIM	11H6464
Benzo (k) fluoranthene	ND	ug/L		0.1053	1	08/29/11 06:30	08/29/11 19:49	CLJ	SW846 8270DSIM	11H6464
Chrysene	ND	ug/L		0.1053	1	08/29/11 06:30	08/29/11 19:49	CLJ	SW846 8270DSIM	11H6464
Dibenz (a,h) anthracene	ND	ug/L		0.1053	1	08/29/11 06:30	08/29/11 19:49	CLJ	SW846 8270DSIM	11H6464
Fluoranthene	**0.1684**	ug/L		0.1053	1	08/29/11 06:30	08/29/11 19:49	CLJ	SW846 8270DSIM	11H6464
Fluorene	**1.653**	ug/L		0.1053	1	08/29/11 06:30	08/29/11 19:49	CLJ	SW846 8270DSIM	11H6464
Indeno (1,2,3-cd) pyrene	ND	ug/L		0.1053	1	08/29/11 06:30	08/29/11 19:49	CLJ	SW846 8270DSIM	11H6464
2-Methylnaphthalene	**81.26**	ug/L		1.053	10	08/29/11 06:30	08/30/11 12:44	CLJ	SW846 8270DSIM	11H6464
Naphthalene	**113.7**	ug/L		2.105	20	08/29/11 06:30	08/30/11 21:09	CLJ	SW846 8270DSIM	11H6464
Phenanthrene	**1.368**	ug/L		0.1053	1	08/29/11 06:30	08/29/11 19:49	CLJ	SW846 8270DSIM	11H6464
Pyrene	**0.2105**	ug/L		0.1053	1	08/29/11 06:30	08/29/11 19:49	CLJ	SW846 8270DSIM	11H6464
Surr: Nitrobenzene-d5 (30-130%)	*59 %*						08/29/11 19:49	CLJ	SW846 8270DSIM	11H6464
Surr: 2-Fluorobiphenyl (30-130%)	*78 %*						08/29/11 19:49	CLJ	SW846 8270DSIM	11H6464
Surr: Terphenyl-d14 (30-130%)	*92 %*						08/29/11 19:49	CLJ	SW846 8270DSIM	11H6464

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3805-04 (WMW-2S - Water) Sampled: 08/25/11 09:15										
Volatile Organic Compounds by EPA Method 8260B										
Acetone	ND	ug/L		10.0	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Benzene	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Bromobenzene	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Bromochloromethane	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Bromodichloromethane	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Bromoform	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Bromomethane	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
2-Butanone	ND	ug/L		10.0	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
tert-Butylbenzene	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
n-Butylbenzene	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
sec-Butylbenzene	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Carbon disulfide	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Carbon Tetrachloride	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Chlorobenzene	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Chlorodibromomethane	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Chloroethane	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Chloroform	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Chloromethane	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
2-Chlorotoluene	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
4-Chlorotoluene	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Dibromomethane	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
1,2-Dichloroethane	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
1,1-Dichloroethane	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
1,1-Dichloroethene	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
cis-1,2-Dichloroethene	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
1,3-Dichloropropane	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
2,2-Dichloropropane	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
1,2-Dichloropropane	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
1,1-Dichloropropene	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Diethyl ether	ND	ug/L		2.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3805-04 (WMW-2S - Water) - cont. Sampled: 08/25/11 09:15										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L	L	200	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Ethylbenzene	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Hexachlorobutadiene	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
2-Hexanone	ND	ug/L		10.0	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Isopropylbenzene	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Diisopropyl Ether	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
p-Isopropyltoluene	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Methylene Chloride	ND	ug/L		2.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Naphthalene	ND	ug/L		2.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
n-Propylbenzene	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Styrene	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Tetrachloroethene	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Tetrahydrofuran	ND	ug/L		20.0	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Toluene	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
1,1,1-Trichloroethane	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Trichloroethene	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Trichlorofluoromethane	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Vinyl chloride	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Xylenes, total	ND	ug/L		2.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
1,1,2-Trifluorotrichloroethane	ND	ug/L		1.00	1	08/31/11 21:34	09/01/11 00:49	EML	SW846 8260B	11I0410
Surr: 1,2-Dichloroethane-d4 (70-130%)	*94 %*						09/01/11 00:49	EML	SW846 8260B	11I0410
Surr: Dibromofluoromethane (70-130%)	*100 %*						09/01/11 00:49	EML	SW846 8260B	11I0410
Surr: Toluene-d8 (70-130%)	*100 %*						09/01/11 00:49	EML	SW846 8260B	11I0410
Surr: 4-Bromofluorobenzene (70-130%)	*94 %*						09/01/11 00:49	EML	SW846 8260B	11I0410

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Sample ID: NUH3805-05 (WMW-8S - Water) Sampled: 08/25/11 11:00

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	**29.8**	ug/L		10.0	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Benzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Bromobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Bromochloromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Bromodichloromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Bromoform	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Bromomethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
2-Butanone	ND	ug/L		10.0	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
tert-Butylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
n-Butylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
sec-Butylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Carbon disulfide	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Carbon Tetrachloride	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Chlorobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Chlorodibromomethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Chloroethane	**3.09**	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Chloroform	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Chloromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
2-Chlorotoluene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
4-Chlorotoluene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Dibromomethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
1,2-Dichloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
1,1-Dichloroethane	**41.2**	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
1,1-Dichloroethene	**114**	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
trans-1,2-Dichloroethene	**1.85**	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
cis-1,2-Dichloroethene	**2180**	ug/L		50.0	50	08/31/11 21:34	09/01/11 03:36	EML	SW846 8260B	11I0410
1,3-Dichloropropane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
2,2-Dichloropropane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
1,2-Dichloropropane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
1,1-Dichloropropene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Diethyl ether	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3805-05 (WMW-8S - Water) - cont. Sampled: 08/25/11 11:00										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L	L	200	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Ethylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Hexachlorobutadiene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
2-Hexanone	ND	ug/L		10.0	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Isopropylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Diisopropyl Ether	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
p-Isopropyltoluene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Methyl tert-Butyl Ether	**1.36**	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Methylene Chloride	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Naphthalene	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
n-Propylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Styrene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Tetrachloroethene	**438**	ug/L		10.0	10	08/31/11 21:34	09/01/11 05:55	EML	SW846 8260B	11I0410
Tetrahydrofuran	ND	ug/L		20.0	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Toluene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
1,1,1-Trichloroethane	**764**	ug/L		10.0	10	08/31/11 21:34	09/01/11 05:55	EML	SW846 8260B	11I0410
1,1,2-Trichloroethane	**1.06**	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Trichloroethene	**1730**	ug/L		10.0	10	08/31/11 21:34	09/01/11 05:55	EML	SW846 8260B	11I0410
Trichlorofluoromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Vinyl chloride	**16.7**	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
Xylenes, total	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 19:19	EML	SW846 8260B	11H6907
1,1,2-Trifluorotrichloroethane	**361**	ug/L		10.0	10	08/31/11 21:34	09/01/11 05:55	EML	SW846 8260B	11I0410
Surr: 1,2-Dichloroethane-d4 (70-130%)	*107 %*						08/30/11 19:19	EML	SW846 8260B	11H6907
Surr: 1,2-Dichloroethane-d4 (70-130%)	*94 %*						09/01/11 05:55	EML	SW846 8260B	11I0410
Surr: 1,2-Dichloroethane-d4 (70-130%)	*94 %*						09/01/11 03:36	EML	SW846 8260B	11I0410
Surr: Dibromofluoromethane (70-130%)	*100 %*						08/30/11 19:19	EML	SW846 8260B	11H6907
Surr: Dibromofluoromethane (70-130%)	*104 %*						09/01/11 05:55	EML	SW846 8260B	11I0410
Surr: Dibromofluoromethane (70-130%)	*97 %*						09/01/11 03:36	EML	SW846 8260B	11I0410
Surr: Toluene-d8 (70-130%)	*101 %*						08/30/11 19:19	EML	SW846 8260B	11H6907
Surr: Toluene-d8 (70-130%)	*97 %*						09/01/11 05:55	EML	SW846 8260B	11I0410
Surr: Toluene-d8 (70-130%)	*99 %*						09/01/11 03:36	EML	SW846 8260B	11I0410

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3805-05 (WMW-8S - Water) - cont. Sampled: 08/25/11 11:00										
Volatile Organic Compounds by EPA Method 8260B - cont.										
Surr: 4-Bromofluorobenzene (70-130%)	*103 %*						08/30/11 19:19	EML	SW846 8260B	11H6907
Surr: 4-Bromofluorobenzene (70-130%)	*93 %*						09/01/11 05:55	EML	SW846 8260B	11I0410
Surr: 4-Bromofluorobenzene (70-130%)	*95 %*						09/01/11 03:36	EML	SW846 8260B	11I0410

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3805-06 (SW-10 - Surface Water) Sampled: 08/25/11 11:50										
General Chemistry Parameters										
Alkalinity, Total (CaCO3)	**17.1**	mg/L		10.0	1	08/28/11 02:04	08/28/11 02:04	JAG2	SM2320 B	11H6446
Chloride	**229**	mg/L		10.0	10	08/30/11 15:57	08/30/11 18:35	MSJ	SM4500-Cl E	11H6955
Sulfate	**43.9**	mg/L		2.00	2	08/30/11 15:39	08/30/11 15:39	MSJ	ASTM D516-90	11H6963

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3805-06 (SW-10 - Surface Water) - cont. Sampled: 08/25/11 11:50										
Methane, Ethane, and Ethene by GC										
Ethane	ND	ug/L		26.0	1	08/31/11 08:14	08/31/11 12:44	JLS2	RSK 175 M	11H7049
Ethene	ND	ug/L		26.0	1	08/31/11 08:14	08/31/11 12:44	JLS2	RSK 175 M	11H7049
Methane	**35.0**	ug/L		26.0	1	08/29/11 12:48	08/31/11 13:18	JLS2	RSK 175 M	11H6675
Surr: Acetylene (70-122%)	*112 %*						08/31/11 13:18	JLS2	RSK 175 M	11H6675
Surr: Acetylene (70-122%)	*82 %*						08/31/11 12:44	JLS2	RSK 175 M	11H7049

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3805-06 (SW-10 - Surface Water) - cont. Sampled: 08/25/11 11:50										
Total Metals by EPA 6010C										
Iron	**16.3**	mg/L		0.0500	1	08/30/11 08:55	08/30/11 21:42	AVR	SW846 6010C	11H6605
Manganese	**0.719**	mg/L		0.0150	1	08/30/11 08:55	08/30/11 21:42	AVR	SW846 6010C	11H6605

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3805-06 (SW-10 - Surface Water) - cont. Sampled: 08/25/11 11:50										
Dissolved Metals by Method 6010C										
Iron	**11.8**	mg/L		0.0500	1	08/30/11 08:55	08/31/11 01:16	LTB	SW846 6010C	11H6611
Manganese	**0.715**	mg/L		0.0150	1	08/30/11 08:55	08/31/11 01:16	LTB	SW846 6010C	11H6611

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Sample ID: NUH3805-06 (SW-10 - Surface Water) - cont. Sampled: 08/25/11 11:50

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	**23.5**	ug/L		10.0	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Benzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Bromobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Bromochloromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Bromodichloromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Bromoform	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Bromomethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
2-Butanone	ND	ug/L		10.0	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
tert-Butylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
n-Butylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
sec-Butylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Carbon disulfide	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Carbon Tetrachloride	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Chlorobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Chlorodibromomethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Chloroethane	**1.82**	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Chloroform	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Chloromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
2-Chlorotoluene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
4-Chlorotoluene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Dibromomethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
1,2-Dichloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
1,1-Dichloroethane	**199**	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
1,1-Dichloroethene	**108**	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
trans-1,2-Dichloroethene	**50.3**	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
cis-1,2-Dichloroethene	**3520**	ug/L		100	100	09/01/11 22:40	09/02/11 01:55	EML	SW846 8260B	11I0465
1,3-Dichloropropane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
2,2-Dichloropropane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
1,2-Dichloropropane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
1,1-Dichloropropene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Diethyl ether	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3805-06 (SW-10 - Surface Water) - cont. Sampled: 08/25/11 11:50										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L	L	200	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Ethylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Hexachlorobutadiene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
2-Hexanone	ND	ug/L		10.0	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Isopropylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Diisopropyl Ether	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
p-Isopropyltoluene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Methylene Chloride	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Naphthalene	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
n-Propylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Styrene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Tetrachloroethene	**538**	ug/L		10.0	10	08/31/11 21:34	09/01/11 06:23	EML	SW846 8260B	11I0410
Tetrahydrofuran	ND	ug/L		20.0	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Toluene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
1,1,1-Trichloroethane	**1050**	ug/L		10.0	10	08/31/11 21:34	09/01/11 06:23	EML	SW846 8260B	11I0410
1,1,2-Trichloroethane	**1.72**	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Trichloroethene	**2480**	ug/L		100	100	09/01/11 22:40	09/02/11 01:55	EML	SW846 8260B	11I0465
Trichlorofluoromethane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Vinyl chloride	**108**	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Xylenes, total	ND	ug/L		2.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
1,1,2-Trifluorotrichloroethane	**105**	ug/L		1.00	1	08/30/11 10:22	08/30/11 19:46	EML	SW846 8260B	11H6907
Surr: 1,2-Dichloroethane-d4 (70-130%)	*105 %*						08/30/11 19:46	EML	SW846 8260B	11H6907
Surr: 1,2-Dichloroethane-d4 (70-130%)	*94 %*						09/01/11 06:23	EML	SW846 8260B	11I0410
Surr: 1,2-Dichloroethane-d4 (70-130%)	*94 %*						09/02/11 01:55	EML	SW846 8260B	11I0465
Surr: Dibromofluoromethane (70-130%)	*100 %*						08/30/11 19:46	EML	SW846 8260B	11H6907
Surr: Dibromofluoromethane (70-130%)	*104 %*						09/01/11 06:23	EML	SW846 8260B	11I0410
Surr: Dibromofluoromethane (70-130%)	*96 %*						09/02/11 01:55	EML	SW846 8260B	11I0465
Surr: Toluene-d8 (70-130%)	*100 %*						08/30/11 19:46	EML	SW846 8260B	11H6907
Surr: Toluene-d8 (70-130%)	*99 %*						09/01/11 06:23	EML	SW846 8260B	11I0410
Surr: Toluene-d8 (70-130%)	*98 %*						09/02/11 01:55	EML	SW846 8260B	11I0465

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3805-06 (SW-10 - Surface Water) - cont. Sampled: 08/25/11 11:50										
Volatile Organic Compounds by EPA Method 8260B - cont.										
Surr: 4-Bromofluorobenzene (70-130%)	*104 %*						08/30/11 19:46	EML	SW846 8260B	11H6907
Surr: 4-Bromofluorobenzene (70-130%)	*95 %*						09/01/11 06:23	EML	SW846 8260B	11I0410
Surr: 4-Bromofluorobenzene (70-130%)	*93 %*						09/02/11 01:55	EML	SW846 8260B	11I0465

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extract Vol	Date	Analyst	Extraction Method
Dissolved Metals by Method 6010C							
SW846 6010C	11H6611	NUH3805-06	50.00	50.00	08/30/11 08:55	ALJ	EPA 3010A / 6010 D
SW846 6010C	11H6611	NUH3805-06	50.00	50.00	08/30/11 08:55	ALJ	EPA 3010A / 6010 D
Polyaromatic Hydrocarbons by EPA 8270D SIM							
SW846 8270DSIM	11H6464	NUH3805-03	950.00	1.00	08/29/11 06:30	AMJ	EPA 3510C
SW846 8270DSIM	11H6464	NUH3805-03RE1	950.00	1.00	08/29/11 06:30	AMJ	EPA 3510C
SW846 8270DSIM	11H6464	NUH3805-03RE2	950.00	1.00	08/29/11 06:30	AMJ	EPA 3510C
Semivolatile Organic Compounds by EPA Method 8270D							
SW846 8270D	11H6557	NUH3805-03	925.00	1.00	08/29/11 10:50	JJR	EPA 3510C
SW846 8270D	11H6557	NUH3805-03RE1	925.00	1.00	08/29/11 10:50	JJR	EPA 3510C
Total Metals by EPA 6010C							
SW846 6010C	11H6605	NUH3805-06	50.00	50.00	08/30/11 08:55	ALJ	EPA 3010A / 6010
SW846 6010C	11H6605	NUH3805-06	50.00	50.00	08/30/11 08:55	ALJ	EPA 3010A / 6010

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
General Chemistry Parameters						
11H6446-BLK1						
Alkalinity, Total (CaCO3)	2.93		mg/L	11H6446	11H6446-BLK1	08/28/11 00:18
11H6955-BLK1						
Chloride	<0.500		mg/L	11H6955	11H6955-BLK1	08/30/11 18:35
11H6963-BLK1						
Sulfate	0.520		mg/L	11H6963	11H6963-BLK1	08/30/11 15:39
Methane, Ethane, and Ethene by GC						
11H6675-BLK1						
Methane	<15.0		ug/L	11H6675	11H6675-BLK1	08/31/11 12:33
Surrogate: Acetylene	110%			11H6675	11H6675-BLK1	08/31/11 12:33
11H7049-BLK1						
Ethane	<14.0		ug/L	11H7049	11H7049-BLK1	08/31/11 12:28
Ethene	<11.0		ug/L	11H7049	11H7049-BLK1	08/31/11 12:28
Surrogate: Acetylene	76%			11H7049	11H7049-BLK1	08/31/11 12:28
Total Metals by EPA 6010C						
11H6605-BLK1						
Iron	<0.0250		mg/L	11H6605	11H6605-BLK1	08/30/11 20:22
Manganese	<0.00750		mg/L	11H6605	11H6605-BLK1	08/30/11 20:22
Dissolved Metals by Method 6010C						
11H6611-BLK1						
Iron	0.0359		mg/L	11H6611	11H6611-BLK1	08/31/11 00:53
Manganese	<0.00750		mg/L	11H6611	11H6611-BLK1	08/31/11 00:53
Volatile Organic Compounds by EPA Method 8260B						
11H6907-BLK1						
Acetone	<5.00		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Tert-Amyl Methyl Ether	<0.170		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Benzene	<0.170		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Bromobenzene	<0.170		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Bromochloromethane	<0.240		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Bromodichloromethane	<0.180		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Bromoform	<0.180		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Bromomethane	<0.170		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
2-Butanone	<1.70		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
tert-Butylbenzene	<0.170		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
n-Butylbenzene	<0.180		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
sec-Butylbenzene	<0.170		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11H6907-BLK1						
Carbon disulfide	0.250		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Carbon Tetrachloride	<0.170		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Chlorobenzene	<0.190		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Chlorodibromomethane	<0.210		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Chloroethane	<0.210		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Chloroform	<0.170		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Chloromethane	<0.300		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
2-Chlorotoluene	<0.140		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
4-Chlorotoluene	<0.170		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
1,2-Dibromo-3-chloropropane	<0.270		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
1,2-Dibromoethane (EDB)	<0.180		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Dibromomethane	<0.160		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
1,2-Dichlorobenzene	<0.130		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
1,3-Dichlorobenzene	<0.140		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
1,4-Dichlorobenzene	<0.150		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Dichlorodifluoromethane	<0.140		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
1,2-Dichloroethane	<0.170		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
1,1-Dichloroethane	<0.170		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
1,1-Dichloroethene	<0.170		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
trans-1,2-Dichloroethene	<0.160		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
cis-1,2-Dichloroethene	<0.150		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
1,3-Dichloropropane	<0.110		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
2,2-Dichloropropane	<0.170		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
1,2-Dichloropropane	<0.180		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
trans-1,3-Dichloropropene	<0.170		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
1,1-Dichloropropene	<0.110		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
cis-1,3-Dichloropropene	<0.150		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Diethyl ether	<0.150		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
1,4-Dioxane	<18.0		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Ethylbenzene	<0.170		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Ethyl tert-Butyl Ether	<0.170		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Hexachlorobutadiene	<0.260		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
2-Hexanone	<0.710		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Isopropylbenzene	<0.170		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Diisopropyl Ether	<0.170		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
p-Isopropyltoluene	<0.170		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Methyl tert-Butyl Ether	<0.170		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Methylene Chloride	<1.67		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
4-Methyl-2-pentanone	<3.30		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Naphthalene	<1.70		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
n-Propylbenzene	<0.170		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11H6907-BLK1						
Styrene	<0.170		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
1,1,2,2-Tetrachloroethane	<0.140		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
1,1,1,2-Tetrachloroethane	<0.180		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Tetrachloroethene	<0.190		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Tetrahydrofuran	<3.30		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Toluene	<0.170		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
1,2,4-Trichlorobenzene	<0.180		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
1,2,3-Trichlorobenzene	<0.250		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
1,1,1-Trichloroethane	<0.170		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
1,1,2-Trichloroethane	<0.150		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Trichloroethene	<0.180		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Trichlorofluoromethane	<0.180		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
1,2,3-Trichloropropane	<0.270		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
1,3,5-Trimethylbenzene	<0.170		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
1,2,4-Trimethylbenzene	<0.170		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Vinyl chloride	<0.170		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Xylenes, total	<0.390		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
1,1,2-Trifluorotrichloroethane	<0.260		ug/L	11H6907	11H6907-BLK1	08/30/11 13:57
Surrogate: 1,2-Dichloroethane-d4	106%			11H6907	11H6907-BLK1	08/30/11 13:57
Surrogate: Dibromofluoromethane	96%			11H6907	11H6907-BLK1	08/30/11 13:57
Surrogate: Toluene-d8	100%			11H6907	11H6907-BLK1	08/30/11 13:57
Surrogate: 4-Bromofluorobenzene	102%			11H6907	11H6907-BLK1	08/30/11 13:57
11I0410-BLK1						
Acetone	<10.0		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Tert-Amyl Methyl Ether	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Benzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Bromobenzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Bromochloromethane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Bromodichloromethane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Bromoform	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Bromomethane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
2-Butanone	<10.0		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
tert-Butylbenzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
n-Butylbenzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
sec-Butylbenzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Carbon disulfide	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Carbon Tetrachloride	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Chlorobenzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Chlorodibromomethane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Chloroethane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11I0410-BLK1						
Chloroform	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Chloromethane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
2-Chlorotoluene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
4-Chlorotoluene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,2-Dibromo-3-chloropropane	<2.00		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,2-Dibromoethane (EDB)	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Dibromomethane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,2-Dichlorobenzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,3-Dichlorobenzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,4-Dichlorobenzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Dichlorodifluoromethane	<0.600		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,2-Dichloroethane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,1-Dichloroethane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,1-Dichloroethene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
trans-1,2-Dichloroethene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
cis-1,2-Dichloroethene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,3-Dichloropropane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
2,2-Dichloropropane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,2-Dichloropropane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
trans-1,3-Dichloropropene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,1-Dichloropropene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
cis-1,3-Dichloropropene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Diethyl ether	<2.00		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,4-Dioxane	<100		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Ethylbenzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Ethyl tert-Butyl Ether	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Hexachlorobutadiene	<1.00		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
2-Hexanone	<5.00		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Isopropylbenzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Diisopropyl Ether	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
p-Isopropyltoluene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Methyl tert-Butyl Ether	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Methylene Chloride	<2.00		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
4-Methyl-2-pentanone	<5.00		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Naphthalene	<2.00		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
n-Propylbenzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Styrene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,1,2,2-Tetrachloroethane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,1,1,2-Tetrachloroethane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Tetrachloroethene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Tetrahydrofuran	<10.0		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11I0410-BLK1						
Toluene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,2,4-Trichlorobenzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,2,3-Trichlorobenzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,1,1-Trichloroethane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,1,2-Trichloroethane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Trichloroethene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Trichlorofluoromethane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,2,3-Trichloropropane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,3,5-Trimethylbenzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,2,4-Trimethylbenzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Vinyl chloride	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Xylenes, total	<1.50		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,1,2-Trifluorotrichloroethane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Surrogate: 1,2-Dichloroethane-d4	95%			11I0410	11I0410-BLK1	09/01/11 00:21
Surrogate: Dibromofluoromethane	98%			11I0410	11I0410-BLK1	09/01/11 00:21
Surrogate: Toluene-d8	100%			11I0410	11I0410-BLK1	09/01/11 00:21
Surrogate: 4-Bromofluorobenzene	96%			11I0410	11I0410-BLK1	09/01/11 00:21
11I0465-BLK1						
Acetone	<10.0		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Tert-Amyl Methyl Ether	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Benzene	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Bromobenzene	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Bromochloromethane	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Bromodichloromethane	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Bromoform	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Bromomethane	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
2-Butanone	<10.0		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
tert-Butylbenzene	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
n-Butylbenzene	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
sec-Butylbenzene	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Carbon disulfide	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Carbon Tetrachloride	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Chlorobenzene	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Chlorodibromomethane	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Chloroethane	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Chloroform	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Chloromethane	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
2-Chlorotoluene	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
4-Chlorotoluene	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
1,2-Dibromo-3-chloropropane	<2.00		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11I0465-BLK1						
1,2-Dibromoethane (EDB)	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Dibromomethane	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
1,2-Dichlorobenzene	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
1,3-Dichlorobenzene	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
1,4-Dichlorobenzene	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Dichlorodifluoromethane	<0.600		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
1,2-Dichloroethane	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
1,1-Dichloroethane	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
1,1-Dichloroethene	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
trans-1,2-Dichloroethene	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
cis-1,2-Dichloroethene	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
1,3-Dichloropropane	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
2,2-Dichloropropane	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
1,2-Dichloropropane	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
trans-1,3-Dichloropropene	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
1,1-Dichloropropene	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
cis-1,3-Dichloropropene	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Diethyl ether	<2.00		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
1,4-Dioxane	<100		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Ethylbenzene	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Ethyl tert-Butyl Ether	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Hexachlorobutadiene	<1.00		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
2-Hexanone	<5.00		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Isopropylbenzene	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Diisopropyl Ether	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
p-Isopropyltoluene	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Methyl tert-Butyl Ether	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Methylene Chloride	<2.00		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
4-Methyl-2-pentanone	<5.00		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Naphthalene	<2.00		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
n-Propylbenzene	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Styrene	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
1,1,2,2-Tetrachloroethane	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
1,1,1,2-Tetrachloroethane	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Tetrachloroethene	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Tetrahydrofuran	<10.0		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Toluene	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
1,2,4-Trichlorobenzene	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
1,2,3-Trichlorobenzene	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
1,1,1-Trichloroethane	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
1,1,2-Trichloroethane	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11I0465-BLK1						
Trichloroethene	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Trichlorofluoromethane	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
1,2,3-Trichloropropane	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
1,3,5-Trimethylbenzene	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
1,2,4-Trimethylbenzene	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Vinyl chloride	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Xylenes, total	<1.50		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
1,1,2-Trifluorotrichloroethane	<0.500		ug/L	11I0465	11I0465-BLK1	09/02/11 01:27
Surrogate: 1,2-Dichloroethane-d4	92%			11I0465	11I0465-BLK1	09/02/11 01:27
Surrogate: Dibromofluoromethane	96%			11I0465	11I0465-BLK1	09/02/11 01:27
Surrogate: Toluene-d8	99%			11I0465	11I0465-BLK1	09/02/11 01:27
Surrogate: 4-Bromofluorobenzene	92%			11I0465	11I0465-BLK1	09/02/11 01:27
Semivolatile Organic Compounds by EPA Method 8270D						
11H6557-BLK1						
Acetophenone	<1.90		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
Aniline	<5.60		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
Azobenzene	<3.90		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
Bis(2-chloroethoxy)methane	<2.60		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
Bis(2-chloroethyl)ether	<4.10		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
Bis(2-chloroisopropyl)ether	<3.50		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
Bis(2-ethylhexyl)phthalate	<3.30		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
4-Bromophenyl phenyl ether	<3.00		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
Butyl benzyl phthalate	<3.70		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
4-Chloroaniline	<4.80		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
2-Chloronaphthalene	<2.90		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
2-Chlorophenol	<2.40		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
Dibenzofuran	<0.700		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
1,2-Dichlorobenzene	<2.20		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
1,3-Dichlorobenzene	<2.10		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
1,4-Dichlorobenzene	<2.10		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
3,3-Dichlorobenzidine	<6.40		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
2,4-Dichlorophenol	<2.30		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
Diethyl phthalate	<2.80		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
2,4-Dimethylphenol	<2.60		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
Dimethyl phthalate	<2.70		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
Di-n-butyl phthalate	<3.20		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
2,4-Dinitrophenol	<3.10		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
2,4-Dinitrotoluene	<3.00		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
2,6-Dinitrotoluene	<3.00		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
Di-n-octyl phthalate	<3.70		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Semivolatile Organic Compounds by EPA Method 8270D						
11H6557-BLK1						
1,4-Dioxane	<3.40		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
Hexachlorobenzene	<2.70		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
Hexachlorobutadiene	<2.70		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
Hexachloroethane	<2.40		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
Isophorone	<2.80		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
2-Methylphenol	<2.60		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
3/4-Methylphenol	<2.30		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
Nitrobenzene	<2.50		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
2-Nitrophenol	<3.00		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
4-Nitrophenol	<5.30		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
Pentachlorophenol	<2.60		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
Phenol	<1.70		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
1,2,4-Trichlorobenzene	<2.60		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
2,4,5-Trichlorophenol	<2.70		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
2,4,6-Trichlorophenol	<3.00		ug/L	11H6557	11H6557-BLK1	08/29/11 21:19
Surrogate: 2-Fluorophenol	38%			11H6557	11H6557-BLK1	08/29/11 21:19
Surrogate: Phenol-d5	23%			11H6557	11H6557-BLK1	08/29/11 21:19
Surrogate: Nitrobenzene-d5	59%			11H6557	11H6557-BLK1	08/29/11 21:19
Surrogate: 2-Fluorobiphenyl	56%			11H6557	11H6557-BLK1	08/29/11 21:19
Surrogate: 2,4,6-Tribromophenol	66%			11H6557	11H6557-BLK1	08/29/11 21:19
Surrogate: Terphenyl-d14	91%			11H6557	11H6557-BLK1	08/29/11 21:19
Polyaromatic Hydrocarbons by EPA 8270D SIM						
11H6464-BLK1						
Acenaphthene	<0.02800		ug/L	11H6464	11H6464-BLK1	08/29/11 18:47
Acenaphthylene	<0.02500		ug/L	11H6464	11H6464-BLK1	08/29/11 18:47
Anthracene	<0.03100		ug/L	11H6464	11H6464-BLK1	08/29/11 18:47
Benzo (a) anthracene	<0.01800		ug/L	11H6464	11H6464-BLK1	08/29/11 18:47
Benzo (a) pyrene	<0.03200		ug/L	11H6464	11H6464-BLK1	08/29/11 18:47
Benzo (b) fluoranthene	<0.02600		ug/L	11H6464	11H6464-BLK1	08/29/11 18:47
Benzo (g,h,i) perylene	<0.02400		ug/L	11H6464	11H6464-BLK1	08/29/11 18:47
Benzo (k) fluoranthene	<0.04000		ug/L	11H6464	11H6464-BLK1	08/29/11 18:47
Chrysene	<0.03500		ug/L	11H6464	11H6464-BLK1	08/29/11 18:47
Dibenz (a,h) anthracene	<0.02400		ug/L	11H6464	11H6464-BLK1	08/29/11 18:47
Fluoranthene	<0.03400		ug/L	11H6464	11H6464-BLK1	08/29/11 18:47
Fluorene	<0.02500		ug/L	11H6464	11H6464-BLK1	08/29/11 18:47
Indeno (1,2,3-cd) pyrene	<0.02800		ug/L	11H6464	11H6464-BLK1	08/29/11 18:47
2-Methylnaphthalene	<0.03400		ug/L	11H6464	11H6464-BLK1	08/29/11 18:47
Naphthalene	<0.02500		ug/L	11H6464	11H6464-BLK1	08/29/11 18:47
Phenanthrene	<0.06300		ug/L	11H6464	11H6464-BLK1	08/29/11 18:47
Pyrene	<0.02500		ug/L	11H6464	11H6464-BLK1	08/29/11 18:47

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270D SIM						
11H6464-BLK1						
Surrogate: Nitrobenzene-d5	82%			11H6464	11H6464-BLK1	08/29/11 18:47
Surrogate: 2-Fluorobiphenyl	81%			11H6464	11H6464-BLK1	08/29/11 18:47
Surrogate: Terphenyl-d14	101%			11H6464	11H6464-BLK1	08/29/11 18:47

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
11H6446-BS1								
Alkalinity, Total (CaCO3)	100	99.9		mg/L	100%	90 - 110	11H6446	08/28/11 00:50
11H6955-BS1								
11H6963-BS1								
Sulfate	10.0	9.97		mg/L	100%	90 - 110	11H6963	08/30/11 15:39
Methane, Ethane, and Ethene by GC								
11H6675-BS1								
Methane	273	268		ug/L	98%	80 - 120	11H6675	08/31/11 12:38
Surrogate: Acetylene	450	467			104%	70 - 122	11H6675	08/31/11 12:38
11H7049-BS1								
Ethane	512	490		ug/L	96%	80 - 120	11H7049	08/31/11 12:33
Ethene	479	455		ug/L	95%	80 - 120	11H7049	08/31/11 12:33
Surrogate: Acetylene	450	444			99%	70 - 122	11H7049	08/31/11 12:33
Total Metals by EPA 6010C								
11H6605-BS1								
Iron	1.00	1.01		mg/L	101%	80 - 120	11H6605	08/30/11 20:25
Manganese	0.500	0.498		mg/L	100%	80 - 120	11H6605	08/30/11 20:25
Dissolved Metals by Method 6010C								
11H6611-BS1								
Iron	1.00	1.09		mg/L	109%	80 - 120	11H6611	08/31/11 00:56
Manganese	0.500	0.521		mg/L	104%	80 - 120	11H6611	08/31/11 00:56
Volatile Organic Compounds by EPA Method 8260B								
11H6907-BS1								
Acetone	250	308		ug/L	123%	70 - 130	11H6907	08/30/11 11:16
Tert-Amyl Methyl Ether	50.0	48.7		ug/L	97%	70 - 130	11H6907	08/30/11 11:16
Benzene	50.0	55.6		ug/L	111%	70 - 130	11H6907	08/30/11 11:16
Bromobenzene	50.0	54.6		ug/L	109%	70 - 130	11H6907	08/30/11 11:16
Bromochloromethane	50.0	53.1		ug/L	106%	70 - 130	11H6907	08/30/11 11:16
Bromodichloromethane	50.0	58.4		ug/L	117%	70 - 130	11H6907	08/30/11 11:16
Bromoform	50.0	45.7		ug/L	91%	70 - 130	11H6907	08/30/11 11:16
Bromomethane	50.0	48.1		ug/L	96%	70 - 130	11H6907	08/30/11 11:16
2-Butanone	250	274		ug/L	109%	70 - 130	11H6907	08/30/11 11:16
tert-Butylbenzene	50.0	59.1		ug/L	118%	70 - 130	11H6907	08/30/11 11:16
n-Butylbenzene	50.0	52.0		ug/L	104%	70 - 130	11H6907	08/30/11 11:16
sec-Butylbenzene	50.0	53.5		ug/L	107%	70 - 130	11H6907	08/30/11 11:16
Carbon disulfide	50.0	58.6		ug/L	117%	70 - 130	11H6907	08/30/11 11:16

Client	GES Westford (10650)	Work Order:	NUH3805
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Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA

LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11H6907-BS1								
Carbon Tetrachloride	50.0	59.3		ug/L	119%	70 - 130	11H6907	08/30/11 11:16
Chlorobenzene	50.0	52.8		ug/L	106%	70 - 130	11H6907	08/30/11 11:16
Chlorodibromomethane	50.0	48.4		ug/L	97%	70 - 130	11H6907	08/30/11 11:16
Chloroethane	50.0	55.3		ug/L	111%	70 - 130	11H6907	08/30/11 11:16
Chloroform	50.0	57.2		ug/L	114%	70 - 130	11H6907	08/30/11 11:16
Chloromethane	50.0	49.6		ug/L	99%	70 - 130	11H6907	08/30/11 11:16
2-Chlorotoluene	50.0	56.1		ug/L	112%	70 - 130	11H6907	08/30/11 11:16
4-Chlorotoluene	50.0	57.8		ug/L	116%	70 - 130	11H6907	08/30/11 11:16
1,2-Dibromo-3-chloropropane	50.0	43.1		ug/L	86%	70 - 130	11H6907	08/30/11 11:16
1,2-Dibromoethane (EDB)	50.0	54.9		ug/L	110%	70 - 130	11H6907	08/30/11 11:16
Dibromomethane	50.0	52.2		ug/L	104%	70 - 130	11H6907	08/30/11 11:16
1,2-Dichlorobenzene	50.0	53.8		ug/L	108%	70 - 130	11H6907	08/30/11 11:16
1,3-Dichlorobenzene	50.0	55.4		ug/L	111%	70 - 130	11H6907	08/30/11 11:16
1,4-Dichlorobenzene	50.0	55.9		ug/L	112%	70 - 130	11H6907	08/30/11 11:16
Dichlorodifluoromethane	50.0	57.5		ug/L	115%	70 - 130	11H6907	08/30/11 11:16
1,2-Dichloroethane	50.0	57.9		ug/L	116%	70 - 130	11H6907	08/30/11 11:16
1,1-Dichloroethane	50.0	56.6		ug/L	113%	70 - 130	11H6907	08/30/11 11:16
1,1-Dichloroethene	50.0	55.3		ug/L	111%	70 - 130	11H6907	08/30/11 11:16
trans-1,2-Dichloroethene	50.0	58.5		ug/L	117%	70 - 130	11H6907	08/30/11 11:16
cis-1,2-Dichloroethene	50.0	57.9		ug/L	116%	70 - 130	11H6907	08/30/11 11:16
1,3-Dichloropropane	50.0	53.3		ug/L	107%	70 - 130	11H6907	08/30/11 11:16
2,2-Dichloropropane	50.0	60.4		ug/L	121%	70 - 130	11H6907	08/30/11 11:16
1,2-Dichloropropane	50.0	51.0		ug/L	102%	70 - 130	11H6907	08/30/11 11:16
trans-1,3-Dichloropropene	50.0	51.1		ug/L	102%	70 - 130	11H6907	08/30/11 11:16
1,1-Dichloropropene	50.0	56.9		ug/L	114%	70 - 130	11H6907	08/30/11 11:16
cis-1,3-Dichloropropene	50.0	64.0		ug/L	128%	70 - 130	11H6907	08/30/11 11:16
Diethyl ether	50.0	58.4		ug/L	117%	70 - 130	11H6907	08/30/11 11:16
1,4-Dioxane	5000	7380	L1	ug/L	148%	70 - 130	11H6907	08/30/11 11:16
Ethylbenzene	50.0	57.6		ug/L	115%	70 - 130	11H6907	08/30/11 11:16
Ethyl tert-Butyl Ether	50.0	50.7		ug/L	101%	70 - 130	11H6907	08/30/11 11:16
Hexachlorobutadiene	50.0	58.1		ug/L	116%	70 - 130	11H6907	08/30/11 11:16
2-Hexanone	250	286		ug/L	114%	70 - 130	11H6907	08/30/11 11:16
Isopropylbenzene	50.0	64.2		ug/L	128%	70 - 130	11H6907	08/30/11 11:16
Diisopropyl Ether	50.0	54.7		ug/L	109%	70 - 130	11H6907	08/30/11 11:16
p-Isopropyltoluene	50.0	51.7		ug/L	103%	70 - 130	11H6907	08/30/11 11:16
Methyl tert-Butyl Ether	50.0	53.8		ug/L	108%	70 - 130	11H6907	08/30/11 11:16
Methylene Chloride	50.0	54.8		ug/L	110%	70 - 130	11H6907	08/30/11 11:16
4-Methyl-2-pentanone	250	276		ug/L	110%	70 - 130	11H6907	08/30/11 11:16
Naphthalene	50.0	45.3		ug/L	91%	70 - 130	11H6907	08/30/11 11:16
n-Propylbenzene	50.0	61.1		ug/L	122%	70 - 130	11H6907	08/30/11 11:16
Styrene	50.0	57.2		ug/L	114%	70 - 130	11H6907	08/30/11 11:16

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11H6907-BS1								
1,1,2,2-Tetrachloroethane	50.0	52.2		ug/L	104%	70 - 130	11H6907	08/30/11 11:16
1,1,1,2-Tetrachloroethane	50.0	49.0		ug/L	98%	70 - 130	11H6907	08/30/11 11:16
Tetrachloroethene	50.0	56.5		ug/L	113%	70 - 130	11H6907	08/30/11 11:16
Tetrahydrofuran	500	561		ug/L	112%	70 - 130	11H6907	08/30/11 11:16
Toluene	50.0	57.5		ug/L	115%	70 - 130	11H6907	08/30/11 11:16
1,2,4-Trichlorobenzene	50.0	45.6		ug/L	91%	70 - 130	11H6907	08/30/11 11:16
1,2,3-Trichlorobenzene	50.0	44.2		ug/L	88%	70 - 130	11H6907	08/30/11 11:16
1,1,1-Trichloroethane	50.0	58.2		ug/L	116%	70 - 130	11H6907	08/30/11 11:16
1,1,2-Trichloroethane	50.0	55.2		ug/L	110%	70 - 130	11H6907	08/30/11 11:16
Trichloroethene	50.0	52.3		ug/L	105%	70 - 130	11H6907	08/30/11 11:16
Trichlorofluoromethane	50.0	54.8		ug/L	110%	70 - 130	11H6907	08/30/11 11:16
1,2,3-Trichloropropane	50.0	50.1		ug/L	100%	70 - 130	11H6907	08/30/11 11:16
1,3,5-Trimethylbenzene	50.0	59.3		ug/L	119%	70 - 130	11H6907	08/30/11 11:16
1,2,4-Trimethylbenzene	50.0	58.8		ug/L	118%	70 - 130	11H6907	08/30/11 11:16
Vinyl chloride	50.0	58.0		ug/L	116%	70 - 130	11H6907	08/30/11 11:16
Xylenes, total	150	173		ug/L	115%	70 - 130	11H6907	08/30/11 11:16
1,1,2-Trifluorotrichloroethane	50.0	57.1		ug/L	114%	70 - 130	11H6907	08/30/11 11:16
Surrogate: 1,2-Dichloroethane-d4	25.0	26.2			105%	70 - 130	11H6907	08/30/11 11:16
Surrogate: Dibromofluoromethane	25.0	24.4			98%	70 - 130	11H6907	08/30/11 11:16
Surrogate: Toluene-d8	25.0	26.0			104%	70 - 130	11H6907	08/30/11 11:16
Surrogate: 4-Bromofluorobenzene	25.0	24.7			99%	70 - 130	11H6907	08/30/11 11:16
11I0410-BS1								
Acetone	250	269		ug/L	108%	70 - 130	11I0410	08/31/11 22:29
Tert-Amyl Methyl Ether	50.0	48.5		ug/L	97%	70 - 130	11I0410	08/31/11 22:29
Benzene	50.0	50.5		ug/L	101%	70 - 130	11I0410	08/31/11 22:29
Bromobenzene	50.0	48.4		ug/L	97%	70 - 130	11I0410	08/31/11 22:29
Bromochloromethane	50.0	47.7		ug/L	95%	70 - 130	11I0410	08/31/11 22:29
Bromodichloromethane	50.0	51.8		ug/L	104%	70 - 130	11I0410	08/31/11 22:29
Bromoform	50.0	58.1		ug/L	116%	70 - 130	11I0410	08/31/11 22:29
Bromomethane	50.0	43.8		ug/L	88%	70 - 130	11I0410	08/31/11 22:29
2-Butanone	250	244		ug/L	98%	70 - 130	11I0410	08/31/11 22:29
tert-Butylbenzene	50.0	49.8		ug/L	100%	70 - 130	11I0410	08/31/11 22:29
n-Butylbenzene	50.0	50.6		ug/L	101%	70 - 130	11I0410	08/31/11 22:29
sec-Butylbenzene	50.0	51.0		ug/L	102%	70 - 130	11I0410	08/31/11 22:29
Carbon disulfide	50.0	42.0		ug/L	84%	70 - 130	11I0410	08/31/11 22:29
Carbon Tetrachloride	50.0	48.5		ug/L	97%	70 - 130	11I0410	08/31/11 22:29
Chlorobenzene	50.0	48.6		ug/L	97%	70 - 130	11I0410	08/31/11 22:29
Chlorodibromomethane	50.0	56.6		ug/L	113%	70 - 130	11I0410	08/31/11 22:29
Chloroethane	50.0	44.9		ug/L	90%	70 - 130	11I0410	08/31/11 22:29
Chloroform	50.0	47.0		ug/L	94%	70 - 130	11I0410	08/31/11 22:29

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11I0410-BS1								
Chloromethane	50.0	44.4		ug/L	89%	70 - 130	11I0410	08/31/11 22:29
2-Chlorotoluene	50.0	47.1		ug/L	94%	70 - 130	11I0410	08/31/11 22:29
4-Chlorotoluene	50.0	47.2		ug/L	94%	70 - 130	11I0410	08/31/11 22:29
1,2-Dibromo-3-chloropropane	50.0	58.1		ug/L	116%	70 - 130	11I0410	08/31/11 22:29
1,2-Dibromoethane (EDB)	50.0	54.3		ug/L	109%	70 - 130	11I0410	08/31/11 22:29
Dibromomethane	50.0	52.0		ug/L	104%	70 - 130	11I0410	08/31/11 22:29
1,2-Dichlorobenzene	50.0	52.2		ug/L	104%	70 - 130	11I0410	08/31/11 22:29
1,3-Dichlorobenzene	50.0	50.0		ug/L	100%	70 - 130	11I0410	08/31/11 22:29
1,4-Dichlorobenzene	50.0	50.5		ug/L	101%	70 - 130	11I0410	08/31/11 22:29
Dichlorodifluoromethane	50.0	41.6		ug/L	83%	70 - 130	11I0410	08/31/11 22:29
1,2-Dichloroethane	50.0	45.7		ug/L	91%	70 - 130	11I0410	08/31/11 22:29
1,1-Dichloroethane	50.0	44.8		ug/L	90%	70 - 130	11I0410	08/31/11 22:29
1,1-Dichloroethene	50.0	47.5		ug/L	95%	70 - 130	11I0410	08/31/11 22:29
trans-1,2-Dichloroethene	50.0	43.5		ug/L	87%	70 - 130	11I0410	08/31/11 22:29
cis-1,2-Dichloroethene	50.0	44.0		ug/L	88%	70 - 130	11I0410	08/31/11 22:29
1,3-Dichloropropane	50.0	50.3		ug/L	101%	70 - 130	11I0410	08/31/11 22:29
2,2-Dichloropropane	50.0	40.1		ug/L	80%	70 - 130	11I0410	08/31/11 22:29
1,2-Dichloropropane	50.0	46.5		ug/L	93%	70 - 130	11I0410	08/31/11 22:29
trans-1,3-Dichloropropene	50.0	49.6		ug/L	99%	70 - 130	11I0410	08/31/11 22:29
1,1-Dichloropropene	50.0	44.6		ug/L	89%	70 - 130	11I0410	08/31/11 22:29
cis-1,3-Dichloropropene	50.0	52.0		ug/L	104%	70 - 130	11I0410	08/31/11 22:29
Diethyl ether	50.0	49.4		ug/L	99%	70 - 130	11I0410	08/31/11 22:29
1,4-Dioxane	5000	6300		ug/L	126%	70 - 130	11I0410	08/31/11 22:29
Ethylbenzene	50.0	49.1		ug/L	98%	70 - 130	11I0410	08/31/11 22:29
Ethyl tert-Butyl Ether	50.0	43.3		ug/L	87%	70 - 130	11I0410	08/31/11 22:29
Hexachlorobutadiene	50.0	43.9		ug/L	88%	70 - 130	11I0410	08/31/11 22:29
2-Hexanone	250	285		ug/L	114%	70 - 130	11I0410	08/31/11 22:29
Isopropylbenzene	50.0	53.2		ug/L	106%	70 - 130	11I0410	08/31/11 22:29
Diisopropyl Ether	50.0	42.9		ug/L	86%	70 - 130	11I0410	08/31/11 22:29
p-Isopropyltoluene	50.0	48.3		ug/L	97%	70 - 130	11I0410	08/31/11 22:29
Methyl tert-Butyl Ether	50.0	47.7		ug/L	95%	70 - 130	11I0410	08/31/11 22:29
Methylene Chloride	50.0	48.8		ug/L	98%	70 - 130	11I0410	08/31/11 22:29
4-Methyl-2-pentanone	250	267		ug/L	107%	70 - 130	11I0410	08/31/11 22:29
Naphthalene	50.0	60.0		ug/L	120%	70 - 130	11I0410	08/31/11 22:29
n-Propylbenzene	50.0	50.0		ug/L	100%	70 - 130	11I0410	08/31/11 22:29
Styrene	50.0	48.8		ug/L	98%	70 - 130	11I0410	08/31/11 22:29
1,1,2,2-Tetrachloroethane	50.0	54.3		ug/L	109%	70 - 130	11I0410	08/31/11 22:29
1,1,1,2-Tetrachloroethane	50.0	51.0		ug/L	102%	70 - 130	11I0410	08/31/11 22:29
Tetrachloroethene	50.0	50.2		ug/L	100%	70 - 130	11I0410	08/31/11 22:29
Tetrahydrofuran	500	479		ug/L	96%	70 - 130	11I0410	08/31/11 22:29
Toluene	50.0	49.7		ug/L	99%	70 - 130	11I0410	08/31/11 22:29

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11I0410-BS1								
1,2,4-Trichlorobenzene	50.0	59.6		ug/L	119%	70 - 130	11I0410	08/31/11 22:29
1,2,3-Trichlorobenzene	50.0	61.0		ug/L	122%	70 - 130	11I0410	08/31/11 22:29
1,1,1-Trichloroethane	50.0	47.3		ug/L	95%	70 - 130	11I0410	08/31/11 22:29
1,1,2-Trichloroethane	50.0	51.4		ug/L	103%	70 - 130	11I0410	08/31/11 22:29
Trichloroethene	50.0	52.2		ug/L	104%	70 - 130	11I0410	08/31/11 22:29
Trichlorofluoromethane	50.0	46.0		ug/L	92%	70 - 130	11I0410	08/31/11 22:29
1,2,3-Trichloropropane	50.0	53.8		ug/L	108%	70 - 130	11I0410	08/31/11 22:29
1,3,5-Trimethylbenzene	50.0	48.5		ug/L	97%	70 - 130	11I0410	08/31/11 22:29
1,2,4-Trimethylbenzene	50.0	47.9		ug/L	96%	70 - 130	11I0410	08/31/11 22:29
Vinyl chloride	50.0	46.2		ug/L	92%	70 - 130	11I0410	08/31/11 22:29
Xylenes, total	150	143		ug/L	95%	70 - 130	11I0410	08/31/11 22:29
1,1,2-Trifluorotrichloroethane	50.0	50.0		ug/L	100%	70 - 130	11I0410	08/31/11 22:29
Surrogate: 1,2-Dichloroethane-d4	25.0	23.2			93%	70 - 130	11I0410	08/31/11 22:29
Surrogate: Dibromofluoromethane	25.0	24.0			96%	70 - 130	11I0410	08/31/11 22:29
Surrogate: Toluene-d8	25.0	24.7			99%	70 - 130	11I0410	08/31/11 22:29
Surrogate: 4-Bromofluorobenzene	25.0	24.1			96%	70 - 130	11I0410	08/31/11 22:29
11I0465-BS1								
Acetone	250	306		ug/L	122%	70 - 130	11I0465	09/01/11 23:36
Tert-Amyl Methyl Ether	50.0	49.0		ug/L	98%	70 - 130	11I0465	09/01/11 23:36
Benzene	50.0	49.5		ug/L	99%	70 - 130	11I0465	09/01/11 23:36
Bromobenzene	50.0	47.7		ug/L	95%	70 - 130	11I0465	09/01/11 23:36
Bromochloromethane	50.0	47.7		ug/L	95%	70 - 130	11I0465	09/01/11 23:36
Bromodichloromethane	50.0	50.8		ug/L	102%	70 - 130	11I0465	09/01/11 23:36
Bromoform	50.0	58.7		ug/L	117%	70 - 130	11I0465	09/01/11 23:36
Bromomethane	50.0	44.3		ug/L	89%	70 - 130	11I0465	09/01/11 23:36
2-Butanone	250	245		ug/L	98%	70 - 130	11I0465	09/01/11 23:36
tert-Butylbenzene	50.0	48.2		ug/L	96%	70 - 130	11I0465	09/01/11 23:36
n-Butylbenzene	50.0	48.1		ug/L	96%	70 - 130	11I0465	09/01/11 23:36
sec-Butylbenzene	50.0	49.1		ug/L	98%	70 - 130	11I0465	09/01/11 23:36
Carbon disulfide	50.0	39.5		ug/L	79%	70 - 130	11I0465	09/01/11 23:36
Carbon Tetrachloride	50.0	48.8		ug/L	98%	70 - 130	11I0465	09/01/11 23:36
Chlorobenzene	50.0	47.7		ug/L	95%	70 - 130	11I0465	09/01/11 23:36
Chlorodibromomethane	50.0	55.9		ug/L	112%	70 - 130	11I0465	09/01/11 23:36
Chloroethane	50.0	44.4		ug/L	89%	70 - 130	11I0465	09/01/11 23:36
Chloroform	50.0	45.3		ug/L	91%	70 - 130	11I0465	09/01/11 23:36
Chloromethane	50.0	47.0		ug/L	94%	70 - 130	11I0465	09/01/11 23:36
2-Chlorotoluene	50.0	46.1		ug/L	92%	70 - 130	11I0465	09/01/11 23:36
4-Chlorotoluene	50.0	46.2		ug/L	92%	70 - 130	11I0465	09/01/11 23:36
1,2-Dibromo-3-chloropropane	50.0	59.8		ug/L	120%	70 - 130	11I0465	09/01/11 23:36
1,2-Dibromoethane (EDB)	50.0	54.6		ug/L	109%	70 - 130	11I0465	09/01/11 23:36

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11I0465-BS1								
Dibromomethane	50.0	52.2		ug/L	104%	70 - 130	11I0465	09/01/11 23:36
1,2-Dichlorobenzene	50.0	52.2		ug/L	104%	70 - 130	11I0465	09/01/11 23:36
1,3-Dichlorobenzene	50.0	49.5		ug/L	99%	70 - 130	11I0465	09/01/11 23:36
1,4-Dichlorobenzene	50.0	49.8		ug/L	100%	70 - 130	11I0465	09/01/11 23:36
Dichlorodifluoromethane	50.0	47.0		ug/L	94%	70 - 130	11I0465	09/01/11 23:36
1,2-Dichloroethane	50.0	46.0		ug/L	92%	70 - 130	11I0465	09/01/11 23:36
1,1-Dichloroethane	50.0	42.7		ug/L	85%	70 - 130	11I0465	09/01/11 23:36
1,1-Dichloroethene	50.0	46.0		ug/L	92%	70 - 130	11I0465	09/01/11 23:36
trans-1,2-Dichloroethene	50.0	42.0		ug/L	84%	70 - 130	11I0465	09/01/11 23:36
cis-1,2-Dichloroethene	50.0	42.0		ug/L	84%	70 - 130	11I0465	09/01/11 23:36
1,3-Dichloropropane	50.0	50.0		ug/L	100%	70 - 130	11I0465	09/01/11 23:36
2,2-Dichloropropane	50.0	36.9		ug/L	74%	70 - 130	11I0465	09/01/11 23:36
1,2-Dichloropropane	50.0	45.7		ug/L	91%	70 - 130	11I0465	09/01/11 23:36
trans-1,3-Dichloropropene	50.0	48.7		ug/L	97%	70 - 130	11I0465	09/01/11 23:36
1,1-Dichloropropene	50.0	45.6		ug/L	91%	70 - 130	11I0465	09/01/11 23:36
cis-1,3-Dichloropropene	50.0	50.8		ug/L	102%	70 - 130	11I0465	09/01/11 23:36
Diethyl ether	50.0	48.7		ug/L	97%	70 - 130	11I0465	09/01/11 23:36
1,4-Dioxane	5000	6550	L1	ug/L	131%	70 - 130	11I0465	09/01/11 23:36
Ethylbenzene	50.0	47.5		ug/L	95%	70 - 130	11I0465	09/01/11 23:36
Ethyl tert-Butyl Ether	50.0	42.4		ug/L	85%	70 - 130	11I0465	09/01/11 23:36
Hexachlorobutadiene	50.0	42.2		ug/L	84%	70 - 130	11I0465	09/01/11 23:36
2-Hexanone	250	295		ug/L	118%	70 - 130	11I0465	09/01/11 23:36
Isopropylbenzene	50.0	51.3		ug/L	103%	70 - 130	11I0465	09/01/11 23:36
Diisopropyl Ether	50.0	41.0		ug/L	82%	70 - 130	11I0465	09/01/11 23:36
p-Isopropyltoluene	50.0	47.0		ug/L	94%	70 - 130	11I0465	09/01/11 23:36
Methyl tert-Butyl Ether	50.0	47.1		ug/L	94%	70 - 130	11I0465	09/01/11 23:36
Methylene Chloride	50.0	47.3		ug/L	95%	70 - 130	11I0465	09/01/11 23:36
4-Methyl-2-pentanone	250	275		ug/L	110%	70 - 130	11I0465	09/01/11 23:36
Naphthalene	50.0	61.4		ug/L	123%	70 - 130	11I0465	09/01/11 23:36
n-Propylbenzene	50.0	48.4		ug/L	97%	70 - 130	11I0465	09/01/11 23:36
Styrene	50.0	47.5		ug/L	95%	70 - 130	11I0465	09/01/11 23:36
1,1,2,2-Tetrachloroethane	50.0	54.8		ug/L	110%	70 - 130	11I0465	09/01/11 23:36
1,1,1,2-Tetrachloroethane	50.0	50.5		ug/L	101%	70 - 130	11I0465	09/01/11 23:36
Tetrachloroethene	50.0	49.2		ug/L	98%	70 - 130	11I0465	09/01/11 23:36
Tetrahydrofuran	500	483		ug/L	97%	70 - 130	11I0465	09/01/11 23:36
Toluene	50.0	48.4		ug/L	97%	70 - 130	11I0465	09/01/11 23:36
1,2,4-Trichlorobenzene	50.0	59.4		ug/L	119%	70 - 130	11I0465	09/01/11 23:36
1,2,3-Trichlorobenzene	50.0	61.5		ug/L	123%	70 - 130	11I0465	09/01/11 23:36
1,1,1-Trichloroethane	50.0	46.0		ug/L	92%	70 - 130	11I0465	09/01/11 23:36
1,1,2-Trichloroethane	50.0	51.9		ug/L	104%	70 - 130	11I0465	09/01/11 23:36
Trichloroethene	50.0	51.9		ug/L	104%	70 - 130	11I0465	09/01/11 23:36

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11I0465-BS1								
Trichlorofluoromethane	50.0	45.3		ug/L	91%	70 - 130	11I0465	09/01/11 23:36
1,2,3-Trichloropropane	50.0	53.8		ug/L	108%	70 - 130	11I0465	09/01/11 23:36
1,3,5-Trimethylbenzene	50.0	47.1		ug/L	94%	70 - 130	11I0465	09/01/11 23:36
1,2,4-Trimethylbenzene	50.0	47.2		ug/L	94%	70 - 130	11I0465	09/01/11 23:36
Vinyl chloride	50.0	46.3		ug/L	93%	70 - 130	11I0465	09/01/11 23:36
Xylenes, total	150	139		ug/L	93%	70 - 130	11I0465	09/01/11 23:36
1,1,2-Trifluorotrichloroethane	50.0	47.2		ug/L	94%	70 - 130	11I0465	09/01/11 23:36
Surrogate: 1,2-Dichloroethane-d4	25.0	23.3			93%	70 - 130	11I0465	09/01/11 23:36
Surrogate: Dibromofluoromethane	25.0	24.3			97%	70 - 130	11I0465	09/01/11 23:36
Surrogate: Toluene-d8	25.0	24.4			98%	70 - 130	11I0465	09/01/11 23:36
Surrogate: 4-Bromofluorobenzene	25.0	24.5			98%	70 - 130	11I0465	09/01/11 23:36
Semivolatile Organic Compounds by EPA Method 8270D								
11H6557-BS1								
Acetophenone	50.0	35.7		ug/L	71%	40 - 140	11H6557	08/29/11 16:16
Aniline	50.0	51.4		ug/L	103%	40 - 140	11H6557	08/29/11 16:16
Bis(2-chloroethoxy)methane	50.0	37.3		ug/L	75%	40 - 140	11H6557	08/29/11 16:16
Bis(2-chloroethyl)ether	50.0	39.7		ug/L	79%	40 - 140	11H6557	08/29/11 16:16
Bis(2-chloroisopropyl)ether	50.0	34.8		ug/L	70%	40 - 140	11H6557	08/29/11 16:16
Bis(2-ethylhexyl)phthalate	50.0	44.3		ug/L	89%	40 - 140	11H6557	08/29/11 16:16
4-Bromophenyl phenyl ether	50.0	43.8		ug/L	88%	40 - 140	11H6557	08/29/11 16:16
Butyl benzyl phthalate	50.0	44.7		ug/L	89%	40 - 140	11H6557	08/29/11 16:16
4-Chloroaniline	50.0	40.2		ug/L	80%	40 - 140	11H6557	08/29/11 16:16
2-Chloronaphthalene	50.0	28.4		ug/L	57%	40 - 140	11H6557	08/29/11 16:16
2-Chlorophenol	50.0	38.3		ug/L	77%	30 - 130	11H6557	08/29/11 16:16
Dibenzofuran	50.0	42.4		ug/L	85%	40 - 140	11H6557	08/29/11 16:16
1,2-Dichlorobenzene	50.0	20.2		ug/L	40%	40 - 140	11H6557	08/29/11 16:16
1,3-Dichlorobenzene	50.0	20.4		ug/L	41%	40 - 140	11H6557	08/29/11 16:16
1,4-Dichlorobenzene	50.0	21.0		ug/L	42%	40 - 140	11H6557	08/29/11 16:16
3,3-Dichlorobenzidine	50.0	32.8		ug/L	66%	40 - 140	11H6557	08/29/11 16:16
2,4-Dichlorophenol	50.0	37.1		ug/L	74%	30 - 130	11H6557	08/29/11 16:16
Diethyl phthalate	50.0	41.5		ug/L	83%	40 - 140	11H6557	08/29/11 16:16
2,4-Dimethylphenol	50.0	38.1		ug/L	76%	30 - 130	11H6557	08/29/11 16:16
Dimethyl phthalate	50.0	41.2		ug/L	82%	40 - 140	11H6557	08/29/11 16:16
Di-n-butyl phthalate	50.0	42.0		ug/L	84%	40 - 140	11H6557	08/29/11 16:16
2,4-Dinitrophenol	50.0	53.3		ug/L	107%	30 - 130	11H6557	08/29/11 16:16
2,4-Dinitrotoluene	50.0	40.5		ug/L	81%	40 - 140	11H6557	08/29/11 16:16
2,6-Dinitrotoluene	50.0	38.7		ug/L	77%	40 - 140	11H6557	08/29/11 16:16
Di-n-octyl phthalate	50.0	45.8		ug/L	92%	40 - 140	11H6557	08/29/11 16:16
Hexachlorobenzene	50.0	38.0		ug/L	76%	40 - 140	11H6557	08/29/11 16:16
Hexachlorobutadiene	50.0	21.3		ug/L	43%	40 - 140	11H6557	08/29/11 16:16

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Semivolatile Organic Compounds by EPA Method 8270D								
11H6557-BS1								
Hexachloroethane	50.0	19.5	L2	ug/L	39%	40 - 140	11H6557	08/29/11 16:16
Isophorone	50.0	35.4		ug/L	71%	40 - 140	11H6557	08/29/11 16:16
2-Methylphenol	50.0	34.4		ug/L	69%	30 - 130	11H6557	08/29/11 16:16
3/4-Methylphenol	50.0	28.8		ug/L	58%	30 - 130	11H6557	08/29/11 16:16
Nitrobenzene	50.0	27.4		ug/L	55%	40 - 140	11H6557	08/29/11 16:16
2-Nitrophenol	50.0	36.9		ug/L	74%	30 - 130	11H6557	08/29/11 16:16
4-Nitrophenol	50.0	12.0	L2	ug/L	24%	30 - 130	11H6557	08/29/11 16:16
Pentachlorophenol	50.0	47.8		ug/L	96%	30 - 130	11H6557	08/29/11 16:16
Phenol	50.0	15.3		ug/L	31%	30 - 130	11H6557	08/29/11 16:16
1,2,4-Trichlorobenzene	50.0	20.2		ug/L	40%	40 - 140	11H6557	08/29/11 16:16
2,4,5-Trichlorophenol	50.0	34.1		ug/L	68%	30 - 130	11H6557	08/29/11 16:16
2,4,6-Trichlorophenol	50.0	41.7		ug/L	83%	30 - 130	11H6557	08/29/11 16:16
Surrogate: 2-Fluorophenol	50.0	18.4			37%	15 - 110	11H6557	08/29/11 16:16
Surrogate: Phenol-d5	50.0	12.7			25%	15 - 110	11H6557	08/29/11 16:16
Surrogate: Nitrobenzene-d5	50.0	28.1			56%	30 - 130	11H6557	08/29/11 16:16
Surrogate: 2-Fluorobiphenyl	50.0	33.2			66%	30 - 130	11H6557	08/29/11 16:16
Surrogate: 2,4,6-Tribromophenol	50.0	32.7			65%	15 - 110	11H6557	08/29/11 16:16
Surrogate: Terphenyl-d14	50.0	45.0			90%	30 - 130	11H6557	08/29/11 16:16
11H6557-BS2								
1,4-Dioxane	50.0	12.2	L2	ug/L	24%	40 - 140	11H6557	08/29/11 16:38
Surrogate: 2-Fluorophenol	50.0	15.9			32%	15 - 110	11H6557	08/29/11 16:38
Surrogate: Phenol-d5	50.0	9.60			19%	15 - 110	11H6557	08/29/11 16:38
Surrogate: Nitrobenzene-d5	50.0	27.7			55%	30 - 130	11H6557	08/29/11 16:38
Surrogate: 2-Fluorobiphenyl	50.0	28.4			57%	30 - 130	11H6557	08/29/11 16:38
Surrogate: 2,4,6-Tribromophenol	50.0	30.3			61%	15 - 110	11H6557	08/29/11 16:38
Surrogate: Terphenyl-d14	50.0	39.8			80%	30 - 130	11H6557	08/29/11 16:38
Polyaromatic Hydrocarbons by EPA 8270D SIM								
11H6464-BS1								
Acenaphthene	1.00	0.820		ug/L	82%	40 - 140	11H6464	08/29/11 19:07
Acenaphthylene	1.00	0.770		ug/L	77%	40 - 140	11H6464	08/29/11 19:07
Anthracene	1.00	0.830		ug/L	83%	40 - 140	11H6464	08/29/11 19:07
Benzo (a) anthracene	1.00	0.820		ug/L	82%	40 - 140	11H6464	08/29/11 19:07
Benzo (a) pyrene	1.00	0.860		ug/L	86%	40 - 140	11H6464	08/29/11 19:07
Benzo (b) fluoranthene	1.00	0.860		ug/L	86%	40 - 140	11H6464	08/29/11 19:07
Benzo (g,h,i) perylene	1.00	0.810		ug/L	81%	40 - 140	11H6464	08/29/11 19:07
Benzo (k) fluoranthene	1.00	0.890		ug/L	89%	40 - 140	11H6464	08/29/11 19:07
Chrysene	1.00	0.890		ug/L	89%	40 - 140	11H6464	08/29/11 19:07
Dibenz (a,h) anthracene	1.00	0.620		ug/L	62%	40 - 140	11H6464	08/29/11 19:07
Fluoranthene	1.00	0.800		ug/L	80%	40 - 140	11H6464	08/29/11 19:07

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Polyaromatic Hydrocarbons by EPA 8270D SIM								
11H6464-BS1								
Fluorene	1.00	0.840		ug/L	84%	40 - 140	11H6464	08/29/11 19:07
Indeno (1,2,3-cd) pyrene	1.00	0.730		ug/L	73%	40 - 140	11H6464	08/29/11 19:07
2-Methylnaphthalene	1.00	0.770		ug/L	77%	40 - 140	11H6464	08/29/11 19:07
Naphthalene	1.00	0.880		ug/L	88%	40 - 140	11H6464	08/29/11 19:07
Phenanthrene	1.00	0.910		ug/L	91%	40 - 140	11H6464	08/29/11 19:07
Pyrene	1.00	0.910		ug/L	91%	40 - 140	11H6464	08/29/11 19:07
Surrogate: Nitrobenzene-d5	1.00	0.830			83%	30 - 130	11H6464	08/29/11 19:07
Surrogate: 2-Fluorobiphenyl	1.00	0.840			84%	30 - 130	11H6464	08/29/11 19:07
Surrogate: Terphenyl-d14	1.00	1.02			102%	30 - 130	11H6464	08/29/11 19:07

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Methane, Ethane, and Ethene by GC												
11H6675-BSD1												
Methane		270		ug/L	273	99%	80 - 120	0.5	20	11H6675		08/31/11 12:42
Surrogate: Acetylene		448		ug/L	450	100%	70 - 122			11H6675		08/31/11 12:42
11H7049-BSD1												
Ethane		461		ug/L	512	90%	80 - 120	6	20	11H7049		08/31/11 12:35
Ethene		428		ug/L	479	89%	80 - 120	6	20	11H7049		08/31/11 12:35
Surrogate: Acetylene		402		ug/L	450	89%	70 - 122			11H7049		08/31/11 12:35
Total Metals by EPA 6010C												
11H6605-BSD1												
Iron		1.04		mg/L	1.00	104%	80 - 120	4	20	11H6605		08/30/11 20:28
Manganese		0.512		mg/L	0.500	102%	80 - 120	3	20	11H6605		08/30/11 20:28
Dissolved Metals by Method 6010C												
11H6611-BSD1												
Iron		1.05		mg/L	1.00	105%	80 - 120	4	20	11H6611		08/31/11 01:00
Manganese		0.508		mg/L	0.500	102%	80 - 120	2	20	11H6611		08/31/11 01:00
Volatile Organic Compounds by EPA Method 8260B												
11H6907-BSD1												
Acetone		316		ug/L	250	127%	70 - 130	3	20	11H6907		08/30/11 11:42
Tert-Amyl Methyl Ether		48.0		ug/L	50.0	96%	70 - 130	1	20	11H6907		08/30/11 11:42
Benzene		54.1		ug/L	50.0	108%	70 - 130	3	20	11H6907		08/30/11 11:42
Bromobenzene		52.9		ug/L	50.0	106%	70 - 130	3	20	11H6907		08/30/11 11:42
Bromochloromethane		51.9		ug/L	50.0	104%	70 - 130	2	20	11H6907		08/30/11 11:42
Bromodichloromethane		57.1		ug/L	50.0	114%	70 - 130	2	20	11H6907		08/30/11 11:42
Bromoform		44.3		ug/L	50.0	89%	70 - 130	3	20	11H6907		08/30/11 11:42
Bromomethane		47.6		ug/L	50.0	95%	70 - 130	1	20	11H6907		08/30/11 11:42
2-Butanone		279		ug/L	250	112%	70 - 130	2	20	11H6907		08/30/11 11:42
tert-Butylbenzene		56.7		ug/L	50.0	113%	70 - 130	4	20	11H6907		08/30/11 11:42
n-Butylbenzene		50.0		ug/L	50.0	100%	70 - 130	4	20	11H6907		08/30/11 11:42
sec-Butylbenzene		51.5		ug/L	50.0	103%	70 - 130	4	20	11H6907		08/30/11 11:42
Carbon disulfide		56.4		ug/L	50.0	113%	70 - 130	4	20	11H6907		08/30/11 11:42
Carbon Tetrachloride		57.9		ug/L	50.0	116%	70 - 130	2	20	11H6907		08/30/11 11:42
Chlorobenzene		50.3		ug/L	50.0	101%	70 - 130	5	20	11H6907		08/30/11 11:42
Chlorodibromomethane		46.5		ug/L	50.0	93%	70 - 130	4	20	11H6907		08/30/11 11:42
Chloroethane		54.1		ug/L	50.0	108%	70 - 130	2	20	11H6907		08/30/11 11:42
Chloroform		56.4		ug/L	50.0	113%	70 - 130	1	20	11H6907		08/30/11 11:42
Chloromethane		47.7		ug/L	50.0	95%	70 - 130	4	20	11H6907		08/30/11 11:42
2-Chlorotoluene		54.0		ug/L	50.0	108%	70 - 130	4	20	11H6907		08/30/11 11:42
4-Chlorotoluene		56.0		ug/L	50.0	112%	70 - 130	3	20	11H6907		08/30/11 11:42

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11H6907-BSD1												
1,2-Dibromo-3-chloropropane		41.5		ug/L	50.0	83%	70 - 130	4	20	11H6907		08/30/11 11:42
1,2-Dibromoethane (EDB)		53.5		ug/L	50.0	107%	70 - 130	3	20	11H6907		08/30/11 11:42
Dibromomethane		51.9		ug/L	50.0	104%	70 - 130	0.6	20	11H6907		08/30/11 11:42
1,2-Dichlorobenzene		53.2		ug/L	50.0	106%	70 - 130	1	20	11H6907		08/30/11 11:42
1,3-Dichlorobenzene		53.7		ug/L	50.0	107%	70 - 130	3	20	11H6907		08/30/11 11:42
1,4-Dichlorobenzene		53.4		ug/L	50.0	107%	70 - 130	5	20	11H6907		08/30/11 11:42
Dichlorodifluoromethane		55.1		ug/L	50.0	110%	70 - 130	4	20	11H6907		08/30/11 11:42
1,2-Dichloroethane		56.3		ug/L	50.0	113%	70 - 130	3	20	11H6907		08/30/11 11:42
1,1-Dichloroethane		55.3		ug/L	50.0	111%	70 - 130	2	20	11H6907		08/30/11 11:42
1,1-Dichloroethene		54.2		ug/L	50.0	108%	70 - 130	2	20	11H6907		08/30/11 11:42
trans-1,2-Dichloroethene		56.7		ug/L	50.0	113%	70 - 130	3	20	11H6907		08/30/11 11:42
cis-1,2-Dichloroethene		56.6		ug/L	50.0	113%	70 - 130	2	20	11H6907		08/30/11 11:42
1,3-Dichloropropane		51.2		ug/L	50.0	102%	70 - 130	4	20	11H6907		08/30/11 11:42
2,2-Dichloropropane		58.4		ug/L	50.0	117%	70 - 130	4	20	11H6907		08/30/11 11:42
1,2-Dichloropropane		49.7		ug/L	50.0	99%	70 - 130	2	20	11H6907		08/30/11 11:42
trans-1,3-Dichloropropene		49.6		ug/L	50.0	99%	70 - 130	3	20	11H6907		08/30/11 11:42
1,1-Dichloropropene		55.6		ug/L	50.0	111%	70 - 130	2	20	11H6907		08/30/11 11:42
cis-1,3-Dichloropropene		61.4		ug/L	50.0	123%	70 - 130	4	20	11H6907		08/30/11 11:42
Diethyl ether		57.0		ug/L	50.0	114%	70 - 130	2	20	11H6907		08/30/11 11:42
1,4-Dioxane		7290	L1	ug/L	5000	146%	70 - 130	1	20	11H6907		08/30/11 11:42
Ethylbenzene		55.2		ug/L	50.0	110%	70 - 130	4	20	11H6907		08/30/11 11:42
Ethyl tert-Butyl Ether		50.2		ug/L	50.0	100%	70 - 130	0.9	20	11H6907		08/30/11 11:42
Hexachlorobutadiene		58.5		ug/L	50.0	117%	70 - 130	0.8	20	11H6907		08/30/11 11:42
2-Hexanone		283		ug/L	250	113%	70 - 130	1	20	11H6907		08/30/11 11:42
Isopropylbenzene		61.6		ug/L	50.0	123%	70 - 130	4	20	11H6907		08/30/11 11:42
Diisopropyl Ether		53.9		ug/L	50.0	108%	70 - 130	1	20	11H6907		08/30/11 11:42
p-Isopropyltoluene		49.6		ug/L	50.0	99%	70 - 130	4	20	11H6907		08/30/11 11:42
Methyl tert-Butyl Ether		53.8		ug/L	50.0	108%	70 - 130	0	20	11H6907		08/30/11 11:42
Methylene Chloride		53.6		ug/L	50.0	107%	70 - 130	2	20	11H6907		08/30/11 11:42
4-Methyl-2-pentanone		269		ug/L	250	107%	70 - 130	3	20	11H6907		08/30/11 11:42
Naphthalene		45.1		ug/L	50.0	90%	70 - 130	0.4	20	11H6907		08/30/11 11:42
n-Propylbenzene		58.6		ug/L	50.0	117%	70 - 130	4	20	11H6907		08/30/11 11:42
Styrene		54.7		ug/L	50.0	109%	70 - 130	4	20	11H6907		08/30/11 11:42
1,1,2,2-Tetrachloroethane		51.7		ug/L	50.0	103%	70 - 130	1	20	11H6907		08/30/11 11:42
1,1,1,2-Tetrachloroethane		47.2		ug/L	50.0	94%	70 - 130	4	20	11H6907		08/30/11 11:42
Tetrachloroethene		54.5		ug/L	50.0	109%	70 - 130	4	20	11H6907		08/30/11 11:42
Tetrahydrofuran		556		ug/L	500	111%	70 - 130	1	20	11H6907		08/30/11 11:42
Toluene		54.8		ug/L	50.0	110%	70 - 130	5	20	11H6907		08/30/11 11:42
1,2,4-Trichlorobenzene		44.7		ug/L	50.0	89%	70 - 130	2	20	11H6907		08/30/11 11:42
1,2,3-Trichlorobenzene		43.6		ug/L	50.0	87%	70 - 130	2	20	11H6907		08/30/11 11:42
1,1,1-Trichloroethane		56.4		ug/L	50.0	113%	70 - 130	3	20	11H6907		08/30/11 11:42

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11H6907-BSD1												
1,1,2-Trichloroethane		53.9		ug/L	50.0	108%	70 - 130	2	20	11H6907		08/30/11 11:42
Trichloroethene		51.5		ug/L	50.0	103%	70 - 130	2	20	11H6907		08/30/11 11:42
Trichlorofluoromethane		53.6		ug/L	50.0	107%	70 - 130	2	20	11H6907		08/30/11 11:42
1,2,3-Trichloropropane		50.1		ug/L	50.0	100%	70 - 130	0	20	11H6907		08/30/11 11:42
1,3,5-Trimethylbenzene		57.3		ug/L	50.0	115%	70 - 130	3	20	11H6907		08/30/11 11:42
1,2,4-Trimethylbenzene		56.8		ug/L	50.0	114%	70 - 130	4	20	11H6907		08/30/11 11:42
Vinyl chloride		54.8		ug/L	50.0	110%	70 - 130	6	20	11H6907		08/30/11 11:42
Xylenes, total		166		ug/L	150	111%	70 - 130	4	20	11H6907		08/30/11 11:42
1,1,2-Trifluorotrichloroethane		56.2		ug/L	50.0	112%	70 - 130	2	20	11H6907		08/30/11 11:42
Surrogate: 1,2-Dichloroethane-d4		26.0		ug/L	25.0	104%	70 - 130			11H6907		08/30/11 11:42
Surrogate: Dibromofluoromethane		24.5		ug/L	25.0	98%	70 - 130			11H6907		08/30/11 11:42
Surrogate: Toluene-d8		25.2		ug/L	25.0	101%	70 - 130			11H6907		08/30/11 11:42
Surrogate: 4-Bromofluorobenzene		25.4		ug/L	25.0	102%	70 - 130			11H6907		08/30/11 11:42
11I0410-BSD1												
Acetone		309		ug/L	250	123%	70 - 130	14	20	11I0410		08/31/11 22:57
Tert-Amyl Methyl Ether		46.7		ug/L	50.0	93%	70 - 130	4	20	11I0410		08/31/11 22:57
Benzene		51.0		ug/L	50.0	102%	70 - 130	1	20	11I0410		08/31/11 22:57
Bromobenzene		48.3		ug/L	50.0	97%	70 - 130	0.2	20	11I0410		08/31/11 22:57
Bromochloromethane		49.4		ug/L	50.0	99%	70 - 130	4	20	11I0410		08/31/11 22:57
Bromodichloromethane		51.1		ug/L	50.0	102%	70 - 130	1	20	11I0410		08/31/11 22:57
Bromoform		58.4		ug/L	50.0	117%	70 - 130	0.4	20	11I0410		08/31/11 22:57
Bromomethane		47.3		ug/L	50.0	95%	70 - 130	8	20	11I0410		08/31/11 22:57
2-Butanone		241		ug/L	250	97%	70 - 130	1	20	11I0410		08/31/11 22:57
tert-Butylbenzene		50.4		ug/L	50.0	101%	70 - 130	1	20	11I0410		08/31/11 22:57
n-Butylbenzene		50.3		ug/L	50.0	101%	70 - 130	0.7	20	11I0410		08/31/11 22:57
sec-Butylbenzene		51.1		ug/L	50.0	102%	70 - 130	0.3	20	11I0410		08/31/11 22:57
Carbon disulfide		46.2		ug/L	50.0	92%	70 - 130	9	20	11I0410		08/31/11 22:57
Carbon Tetrachloride		51.8		ug/L	50.0	104%	70 - 130	7	20	11I0410		08/31/11 22:57
Chlorobenzene		49.4		ug/L	50.0	99%	70 - 130	2	20	11I0410		08/31/11 22:57
Chlorodibromomethane		54.8		ug/L	50.0	110%	70 - 130	3	20	11I0410		08/31/11 22:57
Chloroethane		47.7		ug/L	50.0	95%	70 - 130	6	20	11I0410		08/31/11 22:57
Chloroform		46.5		ug/L	50.0	93%	70 - 130	1	20	11I0410		08/31/11 22:57
Chloromethane		48.4		ug/L	50.0	97%	70 - 130	9	20	11I0410		08/31/11 22:57
2-Chlorotoluene		47.0		ug/L	50.0	94%	70 - 130	0.2	20	11I0410		08/31/11 22:57
4-Chlorotoluene		46.9		ug/L	50.0	94%	70 - 130	0.7	20	11I0410		08/31/11 22:57
1,2-Dibromo-3-chloropropane		56.5		ug/L	50.0	113%	70 - 130	3	20	11I0410		08/31/11 22:57
1,2-Dibromoethane (EDB)		53.6		ug/L	50.0	107%	70 - 130	1	20	11I0410		08/31/11 22:57
Dibromomethane		52.5		ug/L	50.0	105%	70 - 130	1	20	11I0410		08/31/11 22:57
1,2-Dichlorobenzene		52.3		ug/L	50.0	105%	70 - 130	0.1	20	11I0410		08/31/11 22:57
1,3-Dichlorobenzene		49.9		ug/L	50.0	100%	70 - 130	0.1	20	11I0410		08/31/11 22:57

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11I0410-BSD1												
1,4-Dichlorobenzene		50.3		ug/L	50.0	101%	70 - 130	0.3	20	11I0410		08/31/11 22:57
Dichlorodifluoromethane		45.8		ug/L	50.0	92%	70 - 130	10	20	11I0410		08/31/11 22:57
1,2-Dichloroethane		44.8		ug/L	50.0	90%	70 - 130	2	20	11I0410		08/31/11 22:57
1,1-Dichloroethane		45.4		ug/L	50.0	91%	70 - 130	1	20	11I0410		08/31/11 22:57
1,1-Dichloroethene		49.7		ug/L	50.0	99%	70 - 130	4	20	11I0410		08/31/11 22:57
trans-1,2-Dichloroethene		43.2		ug/L	50.0	86%	70 - 130	0.7	20	11I0410		08/31/11 22:57
cis-1,2-Dichloroethene		43.7		ug/L	50.0	87%	70 - 130	0.6	20	11I0410		08/31/11 22:57
1,3-Dichloropropane		48.8		ug/L	50.0	98%	70 - 130	3	20	11I0410		08/31/11 22:57
2,2-Dichloropropane		39.1		ug/L	50.0	78%	70 - 130	2	20	11I0410		08/31/11 22:57
1,2-Dichloropropane		47.3		ug/L	50.0	95%	70 - 130	2	20	11I0410		08/31/11 22:57
trans-1,3-Dichloropropene		47.5		ug/L	50.0	95%	70 - 130	4	20	11I0410		08/31/11 22:57
1,1-Dichloropropene		47.4		ug/L	50.0	95%	70 - 130	6	20	11I0410		08/31/11 22:57
cis-1,3-Dichloropropene		49.0		ug/L	50.0	98%	70 - 130	6	20	11I0410		08/31/11 22:57
Diethyl ether		46.3		ug/L	50.0	93%	70 - 130	6	20	11I0410		08/31/11 22:57
1,4-Dioxane		6730	L	ug/L	5000	135%	70 - 130	7	20	11I0410		08/31/11 22:57
Ethylbenzene		50.5		ug/L	50.0	101%	70 - 130	3	20	11I0410		08/31/11 22:57
Ethyl tert-Butyl Ether		41.3		ug/L	50.0	83%	70 - 130	5	20	11I0410		08/31/11 22:57
Hexachlorobutadiene		43.8		ug/L	50.0	88%	70 - 130	0.4	20	11I0410		08/31/11 22:57
2-Hexanone		278		ug/L	250	111%	70 - 130	2	20	11I0410		08/31/11 22:57
Isopropylbenzene		55.8		ug/L	50.0	112%	70 - 130	5	20	11I0410		08/31/11 22:57
Diisopropyl Ether		41.3		ug/L	50.0	83%	70 - 130	4	20	11I0410		08/31/11 22:57
p-Isopropyltoluene		48.7		ug/L	50.0	97%	70 - 130	0.9	20	11I0410		08/31/11 22:57
Methyl tert-Butyl Ether		43.9		ug/L	50.0	88%	70 - 130	8	20	11I0410		08/31/11 22:57
Methylene Chloride		52.2		ug/L	50.0	104%	70 - 130	7	20	11I0410		08/31/11 22:57
4-Methyl-2-pentanone		254		ug/L	250	101%	70 - 130	5	20	11I0410		08/31/11 22:57
Naphthalene		59.4		ug/L	50.0	119%	70 - 130	1	20	11I0410		08/31/11 22:57
n-Propylbenzene		50.2		ug/L	50.0	100%	70 - 130	0.4	20	11I0410		08/31/11 22:57
Styrene		50.8		ug/L	50.0	102%	70 - 130	4	20	11I0410		08/31/11 22:57
1,1,2,2-Tetrachloroethane		52.9		ug/L	50.0	106%	70 - 130	2	20	11I0410		08/31/11 22:57
1,1,1,2-Tetrachloroethane		51.1		ug/L	50.0	102%	70 - 130	0.1	20	11I0410		08/31/11 22:57
Tetrachloroethene		49.5		ug/L	50.0	99%	70 - 130	1	20	11I0410		08/31/11 22:57
Tetrahydrofuran		473		ug/L	500	95%	70 - 130	1	20	11I0410		08/31/11 22:57
Toluene		48.8		ug/L	50.0	98%	70 - 130	2	20	11I0410		08/31/11 22:57
1,2,4-Trichlorobenzene		58.4		ug/L	50.0	117%	70 - 130	2	20	11I0410		08/31/11 22:57
1,2,3-Trichlorobenzene		60.5		ug/L	50.0	121%	70 - 130	0.9	20	11I0410		08/31/11 22:57
1,1,1-Trichloroethane		47.6		ug/L	50.0	95%	70 - 130	0.5	20	11I0410		08/31/11 22:57
1,1,2-Trichloroethane		49.6		ug/L	50.0	99%	70 - 130	4	20	11I0410		08/31/11 22:57
Trichloroethene		52.5		ug/L	50.0	105%	70 - 130	0.5	20	11I0410		08/31/11 22:57
Trichlorofluoromethane		49.5		ug/L	50.0	99%	70 - 130	7	20	11I0410		08/31/11 22:57
1,2,3-Trichloropropane		51.2		ug/L	50.0	102%	70 - 130	5	20	11I0410		08/31/11 22:57
1,3,5-Trimethylbenzene		48.4		ug/L	50.0	97%	70 - 130	0.1	20	11I0410		08/31/11 22:57

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11I0410-BSD1												
1,2,4-Trimethylbenzene		48.4		ug/L	50.0	97%	70 - 130	0.9	20	11I0410		08/31/11 22:57
Vinyl chloride		50.2		ug/L	50.0	100%	70 - 130	8	20	11I0410		08/31/11 22:57
Xylenes, total		148		ug/L	150	99%	70 - 130	4	20	11I0410		08/31/11 22:57
1,1,2-Trifluorotrichloroethane		48.5		ug/L	50.0	97%	70 - 130	3	20	11I0410		08/31/11 22:57
Surrogate: 1,2-Dichloroethane-d4		22.8		ug/L	25.0	91%	70 - 130			11I0410		08/31/11 22:57
Surrogate: Dibromofluoromethane		24.3		ug/L	25.0	97%	70 - 130			11I0410		08/31/11 22:57
Surrogate: Toluene-d8		24.3		ug/L	25.0	97%	70 - 130			11I0410		08/31/11 22:57
Surrogate: 4-Bromofluorobenzene		23.9		ug/L	25.0	96%	70 - 130			11I0410		08/31/11 22:57
11I0465-BSD1												
Acetone		310		ug/L	250	124%	70 - 130	1	20	11I0465		09/02/11 00:04
Tert-Amyl Methyl Ether		49.3		ug/L	50.0	99%	70 - 130	0.6	20	11I0465		09/02/11 00:04
Benzene		49.2		ug/L	50.0	98%	70 - 130	0.6	20	11I0465		09/02/11 00:04
Bromobenzene		46.7		ug/L	50.0	93%	70 - 130	2	20	11I0465		09/02/11 00:04
Bromochloromethane		47.3		ug/L	50.0	95%	70 - 130	0.8	20	11I0465		09/02/11 00:04
Bromodichloromethane		50.7		ug/L	50.0	101%	70 - 130	0.2	20	11I0465		09/02/11 00:04
Bromoform		58.7		ug/L	50.0	117%	70 - 130	0	20	11I0465		09/02/11 00:04
Bromomethane		43.5		ug/L	50.0	87%	70 - 130	2	20	11I0465		09/02/11 00:04
2-Butanone		250		ug/L	250	100%	70 - 130	2	20	11I0465		09/02/11 00:04
tert-Butylbenzene		47.4		ug/L	50.0	95%	70 - 130	2	20	11I0465		09/02/11 00:04
n-Butylbenzene		46.7		ug/L	50.0	93%	70 - 130	3	20	11I0465		09/02/11 00:04
sec-Butylbenzene		47.8		ug/L	50.0	96%	70 - 130	3	20	11I0465		09/02/11 00:04
Carbon disulfide		38.9		ug/L	50.0	78%	70 - 130	1	20	11I0465		09/02/11 00:04
Carbon Tetrachloride		48.3		ug/L	50.0	97%	70 - 130	1	20	11I0465		09/02/11 00:04
Chlorobenzene		47.4		ug/L	50.0	95%	70 - 130	0.6	20	11I0465		09/02/11 00:04
Chlorodibromomethane		55.6		ug/L	50.0	111%	70 - 130	0.4	20	11I0465		09/02/11 00:04
Chloroethane		43.6		ug/L	50.0	87%	70 - 130	2	20	11I0465		09/02/11 00:04
Chloroform		44.9		ug/L	50.0	90%	70 - 130	0.9	20	11I0465		09/02/11 00:04
Chloromethane		47.1		ug/L	50.0	94%	70 - 130	0.3	20	11I0465		09/02/11 00:04
2-Chlorotoluene		44.8		ug/L	50.0	90%	70 - 130	3	20	11I0465		09/02/11 00:04
4-Chlorotoluene		45.1		ug/L	50.0	90%	70 - 130	2	20	11I0465		09/02/11 00:04
1,2-Dibromo-3-chloropropane		58.4		ug/L	50.0	117%	70 - 130	2	20	11I0465		09/02/11 00:04
1,2-Dibromoethane (EDB)		54.9		ug/L	50.0	110%	70 - 130	0.6	20	11I0465		09/02/11 00:04
Dibromomethane		53.0		ug/L	50.0	106%	70 - 130	2	20	11I0465		09/02/11 00:04
1,2-Dichlorobenzene		51.0		ug/L	50.0	102%	70 - 130	2	20	11I0465		09/02/11 00:04
1,3-Dichlorobenzene		47.9		ug/L	50.0	96%	70 - 130	3	20	11I0465		09/02/11 00:04
1,4-Dichlorobenzene		48.9		ug/L	50.0	98%	70 - 130	2	20	11I0465		09/02/11 00:04
Dichlorodifluoromethane		46.8		ug/L	50.0	94%	70 - 130	0.6	20	11I0465		09/02/11 00:04
1,2-Dichloroethane		45.8		ug/L	50.0	92%	70 - 130	0.5	20	11I0465		09/02/11 00:04
1,1-Dichloroethane		42.7		ug/L	50.0	85%	70 - 130	0.05	20	11I0465		09/02/11 00:04
1,1-Dichloroethene		45.6		ug/L	50.0	91%	70 - 130	0.8	20	11I0465		09/02/11 00:04

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11I0465-BSD1												
trans-1,2-Dichloroethene		41.1		ug/L	50.0	82%	70 - 130	2	20	11I0465		09/02/11 00:04
cis-1,2-Dichloroethene		41.8		ug/L	50.0	84%	70 - 130	0.5	20	11I0465		09/02/11 00:04
1,3-Dichloropropane		50.0		ug/L	50.0	100%	70 - 130	0.1	20	11I0465		09/02/11 00:04
2,2-Dichloropropane		36.8		ug/L	50.0	74%	70 - 130	0.05	20	11I0465		09/02/11 00:04
1,2-Dichloropropane		45.9		ug/L	50.0	92%	70 - 130	0.5	20	11I0465		09/02/11 00:04
trans-1,3-Dichloropropene		48.8		ug/L	50.0	98%	70 - 130	0.1	20	11I0465		09/02/11 00:04
1,1-Dichloropropene		44.7		ug/L	50.0	89%	70 - 130	2	20	11I0465		09/02/11 00:04
cis-1,3-Dichloropropene		50.8		ug/L	50.0	102%	70 - 130	0.08	20	11I0465		09/02/11 00:04
Diethyl ether		49.3		ug/L	50.0	99%	70 - 130	1	20	11I0465		09/02/11 00:04
1,4-Dioxane		6690	L1	ug/L	5000	134%	70 - 130	2	20	11I0465		09/02/11 00:04
Ethylbenzene		47.3		ug/L	50.0	95%	70 - 130	0.3	20	11I0465		09/02/11 00:04
Ethyl tert-Butyl Ether		42.3		ug/L	50.0	85%	70 - 130	0.1	20	11I0465		09/02/11 00:04
Hexachlorobutadiene		40.9		ug/L	50.0	82%	70 - 130	3	20	11I0465		09/02/11 00:04
2-Hexanone		300		ug/L	250	120%	70 - 130	2	20	11I0465		09/02/11 00:04
Isopropylbenzene		51.2		ug/L	50.0	102%	70 - 130	0.1	20	11I0465		09/02/11 00:04
Diisopropyl Ether		41.5		ug/L	50.0	83%	70 - 130	1	20	11I0465		09/02/11 00:04
p-Isopropyltoluene		45.5		ug/L	50.0	91%	70 - 130	3	20	11I0465		09/02/11 00:04
Methyl tert-Butyl Ether		47.2		ug/L	50.0	94%	70 - 130	0.1	20	11I0465		09/02/11 00:04
Methylene Chloride		47.2		ug/L	50.0	94%	70 - 130	0.2	20	11I0465		09/02/11 00:04
4-Methyl-2-pentanone		276		ug/L	250	110%	70 - 130	0.3	20	11I0465		09/02/11 00:04
Naphthalene		60.9		ug/L	50.0	122%	70 - 130	0.8	20	11I0465		09/02/11 00:04
n-Propylbenzene		47.0		ug/L	50.0	94%	70 - 130	3	20	11I0465		09/02/11 00:04
Styrene		47.8		ug/L	50.0	96%	70 - 130	0.7	20	11I0465		09/02/11 00:04
1,1,2,2-Tetrachloroethane		55.0		ug/L	50.0	110%	70 - 130	0.2	20	11I0465		09/02/11 00:04
1,1,1,2-Tetrachloroethane		50.0		ug/L	50.0	100%	70 - 130	0.9	20	11I0465		09/02/11 00:04
Tetrachloroethene		49.0		ug/L	50.0	98%	70 - 130	0.6	20	11I0465		09/02/11 00:04
Tetrahydrofuran		487		ug/L	500	97%	70 - 130	0.9	20	11I0465		09/02/11 00:04
Toluene		48.0		ug/L	50.0	96%	70 - 130	0.6	20	11I0465		09/02/11 00:04
1,2,4-Trichlorobenzene		57.9		ug/L	50.0	116%	70 - 130	3	20	11I0465		09/02/11 00:04
1,2,3-Trichlorobenzene		60.2		ug/L	50.0	120%	70 - 130	2	20	11I0465		09/02/11 00:04
1,1,1-Trichloroethane		45.1		ug/L	50.0	90%	70 - 130	2	20	11I0465		09/02/11 00:04
1,1,2-Trichloroethane		51.8		ug/L	50.0	104%	70 - 130	0.1	20	11I0465		09/02/11 00:04
Trichloroethene		50.9		ug/L	50.0	102%	70 - 130	2	20	11I0465		09/02/11 00:04
Trichlorofluoromethane		45.3		ug/L	50.0	91%	70 - 130	0	20	11I0465		09/02/11 00:04
1,2,3-Trichloropropane		53.2		ug/L	50.0	106%	70 - 130	1	20	11I0465		09/02/11 00:04
1,3,5-Trimethylbenzene		45.8		ug/L	50.0	92%	70 - 130	3	20	11I0465		09/02/11 00:04
1,2,4-Trimethylbenzene		46.0		ug/L	50.0	92%	70 - 130	3	20	11I0465		09/02/11 00:04
Vinyl chloride		46.0		ug/L	50.0	92%	70 - 130	0.6	20	11I0465		09/02/11 00:04
Xylenes, total		138		ug/L	150	92%	70 - 130	0.8	20	11I0465		09/02/11 00:04
1,1,2-Trifluorotrichloroethane		47.0		ug/L	50.0	94%	70 - 130	0.5	20	11I0465		09/02/11 00:04
Surrogate: 1,2-Dichloroethane-d4		23.3		ug/L	25.0	93%	70 - 130			11I0465		09/02/11 00:04

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11I0465-BSD1												
Surrogate: Dibromofluoromethane		23.9		ug/L	25.0	96%	70 - 130			11I0465		09/02/11 00:04
Surrogate: Toluene-d8		24.6		ug/L	25.0	98%	70 - 130			11I0465		09/02/11 00:04
Surrogate: 4-Bromofluorobenzene		23.9		ug/L	25.0	95%	70 - 130			11I0465		09/02/11 00:04
Semivolatile Organic Compounds by EPA Method 8270D												
11H6557-BSD1												
Acetophenone		34.4		ug/L	50.0	69%	40 - 140	4	20	11H6557		08/29/11 17:00
Aniline		52.3		ug/L	50.0	105%	40 - 140	2	20	11H6557		08/29/11 17:00
Bis(2-chloroethoxy)methane		34.4		ug/L	50.0	69%	40 - 140	8	20	11H6557		08/29/11 17:00
Bis(2-chloroethyl)ether		38.8		ug/L	50.0	78%	40 - 140	2	20	11H6557		08/29/11 17:00
Bis(2-chloroisopropyl)ether		34.9		ug/L	50.0	70%	40 - 140	0.5	20	11H6557		08/29/11 17:00
Bis(2-ethylhexyl)phthalate		44.3		ug/L	50.0	89%	40 - 140	0.07	20	11H6557		08/29/11 17:00
4-Bromophenyl phenyl ether		39.8		ug/L	50.0	80%	40 - 140	10	20	11H6557		08/29/11 17:00
Butyl benzyl phthalate		42.8		ug/L	50.0	86%	40 - 140	4	20	11H6557		08/29/11 17:00
4-Chloroaniline		37.2		ug/L	50.0	74%	40 - 140	8	20	11H6557		08/29/11 17:00
2-Chloronaphthalene		26.6		ug/L	50.0	53%	40 - 140	6	20	11H6557		08/29/11 17:00
2-Chlorophenol		35.9		ug/L	50.0	72%	30 - 130	6	20	11H6557		08/29/11 17:00
Dibenzofuran		39.0		ug/L	50.0	78%	40 - 140	8	20	11H6557		08/29/11 17:00
1,2-Dichlorobenzene		22.6		ug/L	50.0	45%	40 - 140	11	20	11H6557		08/29/11 17:00
1,3-Dichlorobenzene		20.8		ug/L	50.0	42%	40 - 140	2	20	11H6557		08/29/11 17:00
1,4-Dichlorobenzene		20.8		ug/L	50.0	42%	40 - 140	1	20	11H6557		08/29/11 17:00
3,3-Dichlorobenzidine		34.0		ug/L	50.0	68%	40 - 140	4	20	11H6557		08/29/11 17:00
2,4-Dichlorophenol		34.7		ug/L	50.0	69%	30 - 130	7	20	11H6557		08/29/11 17:00
Diethyl phthalate		40.2		ug/L	50.0	80%	40 - 140	3	20	11H6557		08/29/11 17:00
2,4-Dimethylphenol		34.7		ug/L	50.0	69%	30 - 130	9	20	11H6557		08/29/11 17:00
Dimethyl phthalate		40.0		ug/L	50.0	80%	40 - 140	3	20	11H6557		08/29/11 17:00
Di-n-butyl phthalate		40.3		ug/L	50.0	81%	40 - 140	4	20	11H6557		08/29/11 17:00
2,4-Dinitrophenol		52.8		ug/L	50.0	106%	30 - 130	0.8	20	11H6557		08/29/11 17:00
2,4-Dinitrotoluene		40.6		ug/L	50.0	81%	40 - 140	0.05	20	11H6557		08/29/11 17:00
2,6-Dinitrotoluene		32.8		ug/L	50.0	66%	40 - 140	17	20	11H6557		08/29/11 17:00
Di-n-octyl phthalate		44.0		ug/L	50.0	88%	40 - 140	4	20	11H6557		08/29/11 17:00
Hexachlorobenzene		35.6		ug/L	50.0	71%	40 - 140	6	20	11H6557		08/29/11 17:00
Hexachlorobutadiene		21.9		ug/L	50.0	44%	40 - 140	3	20	11H6557		08/29/11 17:00
Hexachloroethane		21.6		ug/L	50.0	43%	40 - 140	10	20	11H6557		08/29/11 17:00
Isophorone		31.8		ug/L	50.0	64%	40 - 140	11	20	11H6557		08/29/11 17:00
2-Methylphenol		29.7		ug/L	50.0	59%	30 - 130	15	20	11H6557		08/29/11 17:00
3/4-Methylphenol		24.4		ug/L	50.0	49%	30 - 130	17	20	11H6557		08/29/11 17:00
Nitrobenzene		24.4		ug/L	50.0	49%	40 - 140	11	20	11H6557		08/29/11 17:00
2-Nitrophenol		32.2		ug/L	50.0	64%	30 - 130	14	20	11H6557		08/29/11 17:00
4-Nitrophenol		12.0	L2	ug/L	50.0	24%	30 - 130	0.6	20	11H6557		08/29/11 17:00
Pentachlorophenol		44.2		ug/L	50.0	88%	30 - 130	8	20	11H6557		08/29/11 17:00

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Semivolatile Organic Compounds by EPA Method 8270D												
11H6557-BSD1												
Phenol		14.8		ug/L	50.0	30%	30 - 130	3	20	11H6557		08/29/11 17:00
1,2,4-Trichlorobenzene		20.5		ug/L	50.0	41%	40 - 140	2	20	11H6557		08/29/11 17:00
2,4,5-Trichlorophenol		32.9		ug/L	50.0	66%	30 - 130	3	20	11H6557		08/29/11 17:00
2,4,6-Trichlorophenol		40.4		ug/L	50.0	81%	30 - 130	3	20	11H6557		08/29/11 17:00
Surrogate: 2-Fluorophenol		18.4		ug/L	50.0	37%	15 - 110			11H6557		08/29/11 17:00
Surrogate: Phenol-d5		10.5		ug/L	50.0	21%	15 - 110			11H6557		08/29/11 17:00
Surrogate: Nitrobenzene-d5		27.0		ug/L	50.0	54%	30 - 130			11H6557		08/29/11 17:00
Surrogate: 2-Fluorobiphenyl		32.1		ug/L	50.0	64%	30 - 130			11H6557		08/29/11 17:00
Surrogate: 2,4,6-Tribromophenol		36.2		ug/L	50.0	72%	15 - 110			11H6557		08/29/11 17:00
Surrogate: Terphenyl-d14		45.1		ug/L	50.0	90%	30 - 130			11H6557		08/29/11 17:00
Polyaromatic Hydrocarbons by EPA 8270D SIM												
11H6464-BSD1												
Acenaphthene		0.900		ug/L	1.00	90%	40 - 140	9	20	11H6464		08/29/11 19:28
Acenaphthylene		0.840		ug/L	1.00	84%	40 - 140	9	20	11H6464		08/29/11 19:28
Anthracene		0.920		ug/L	1.00	92%	40 - 140	10	20	11H6464		08/29/11 19:28
Benzo (a) anthracene		0.920		ug/L	1.00	92%	40 - 140	11	20	11H6464		08/29/11 19:28
Benzo (a) pyrene		0.970		ug/L	1.00	97%	40 - 140	12	20	11H6464		08/29/11 19:28
Benzo (b) fluoranthene		0.990		ug/L	1.00	99%	40 - 140	14	20	11H6464		08/29/11 19:28
Benzo (g,h,i) perylene		0.930		ug/L	1.00	93%	40 - 140	14	20	11H6464		08/29/11 19:28
Benzo (k) fluoranthene		1.10	R7	ug/L	1.00	110%	40 - 140	21	20	11H6464		08/29/11 19:28
Chrysene		1.01		ug/L	1.00	101%	40 - 140	13	20	11H6464		08/29/11 19:28
Dibenz (a,h) anthracene		0.720		ug/L	1.00	72%	40 - 140	15	20	11H6464		08/29/11 19:28
Fluoranthene		0.880		ug/L	1.00	88%	40 - 140	10	20	11H6464		08/29/11 19:28
Fluorene		0.920		ug/L	1.00	92%	40 - 140	9	20	11H6464		08/29/11 19:28
Indeno (1,2,3-cd) pyrene		0.840		ug/L	1.00	84%	40 - 140	14	20	11H6464		08/29/11 19:28
2-Methylnaphthalene		0.850		ug/L	1.00	85%	40 - 140	10	20	11H6464		08/29/11 19:28
Naphthalene		0.970		ug/L	1.00	97%	40 - 140	10	20	11H6464		08/29/11 19:28
Phenanthrene		0.980		ug/L	1.00	98%	40 - 140	7	20	11H6464		08/29/11 19:28
Pyrene		1.00		ug/L	1.00	100%	40 - 140	9	20	11H6464		08/29/11 19:28
Surrogate: Nitrobenzene-d5		0.910		ug/L	1.00	91%	30 - 130			11H6464		08/29/11 19:28
Surrogate: 2-Fluorobiphenyl		0.900		ug/L	1.00	90%	30 - 130			11H6464		08/29/11 19:28
Surrogate: Terphenyl-d14		1.12		ug/L	1.00	112%	30 - 130			11H6464		08/29/11 19:28

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3805
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

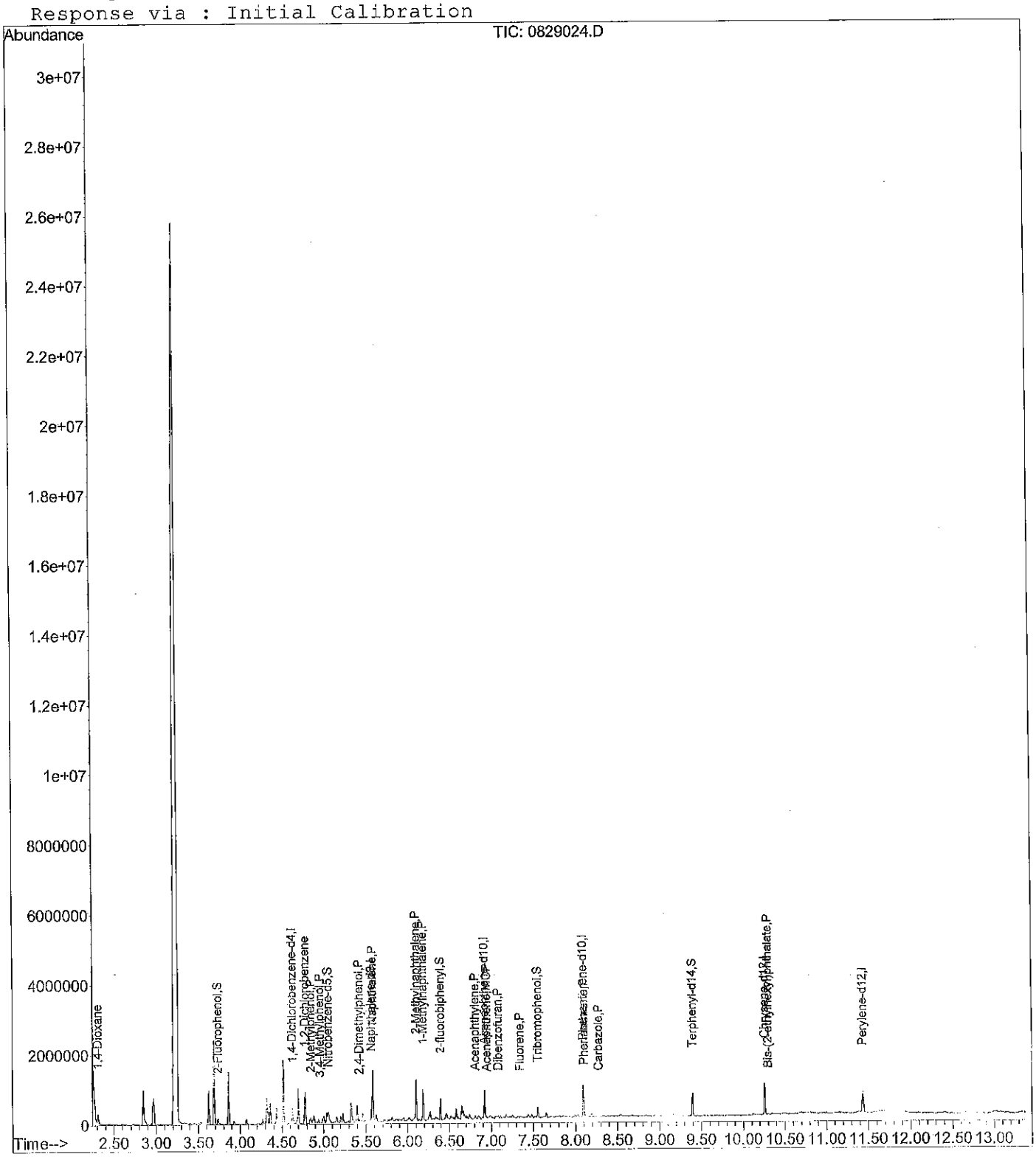
DATA QUALIFIERS AND DEFINITIONS

L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
L1	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.
L2	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was below acceptance limits.
R7	LCS/LCSD RPD exceeded the acceptance limit. Recovery met acceptance criteria.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.
ND	Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

Data File : D:\HPCHEM\1\DATA\082911\0829024.D Vial: 24
Acq On : 29 Aug 2011 9:40 pm Operator: HP26
Sample : NUH3805-03 Inst : HP26
Misc : WATER Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Aug 30 12:14 2011 Quant Results File: SV082811.RES

Method : C:\HPCHEM\1\METHODS\SV082811.M (RTE Integrator)
Title : SW846 METHOD 8270
Last Update : Mon Aug 29 14:47:59 2011
Response via : Initial Calibration



TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECE

NUH3805

Cooler Received/Opened On 8/27/2011 @ 0815

1. Tracking # 2476 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 97310166

2. Temperature of rep. sample or temp blank when opened: 1.9 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO (NA)

4. Were custody seals on outside of cooler? DA 8-27-11 (YES) NO NA

If yes, how many and where: _____

5. Were the seals intact, signed, and dated correctly? YES...NO...(NA)

6. Were custody papers inside cooler? (YES)...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) DA

7. Were custody seals on containers: YES (NO) and Intact YES...NO...(NA)

Were these signed and dated correctly? YES...NO...(NA)

8. Packing mat'l used? (Bubblewrap) Plastic bag Peanuts Vermiculite Foam Insert Paper Other (None)

9. Cooling process: (Ice) Ice-pack (Ice (direct contact)) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES)...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES)...NO...NA

12. Did all container labels and tags agree with custody papers? (YES)...NO...NA

13a. Were VOA vials received? (YES)...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...(NO)...NA

14. Was there a Trip Blank in this cooler? (YES)...NO...NA If multiple coolers, sequence # NA

I certify that I unloaded the cooler and answered questions 7-14 (intial) _____

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...(NA)

b. Did the bottle labels indicate that the correct preservatives were used (YES)...NO...NA

16. Was residual chlorine present? YES...NO...(NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) _____

17. Were custody papers properly filled out (ink, signed, etc)? (YES)...NO...NA

18. Did you sign the custody papers in the appropriate place? (YES)...NO...NA

19. Were correct containers used for the analysis requested? (YES)...NO...NA

20. Was sufficient amount of sample sent in each container? (YES)...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) _____

I certify that I attached a label with the unique LIMS number to each container (intial) _____

21. Were there Non-Conformance issues at login? YES...(NO) Was a PIPE generated? YES...(NO)...# _____

BIS = Broken in shipment
Cooler Receipt Form.doc

NUH3805

PS 1 of 1

09/09/11 23:59

Nashville Division
~~2960 Foster Creighton~~
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

Consultant Name: GES
Address: 364 Littleton Road
City/State/Zip: Westford, MA 01886
Project Mgr: Stefan Sokol
Consultant Project Mgr: Roy Swartz

Consultant Telephone Number: 800-221-6119
Fax No.: 978-392-8583
Sampler Name: (Print) Brian Caccuzzo
Sampler Signature: Brian Caccuzzo

TA Account #:
Invoice To:
Report To: Stefan Sokol - ssokol@gesonline.com; Mary Cathey - mcathey@gesonline.com
PO #:
PROJECT #: 1603978
Facility ID # General Chemical
Site Address 133 Leland Street
City, State, Zip ~~Framington, MA~~ Framingham, MA
Regulatory District (CA)

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Surface Water	Drinking Water	Sludge	Soil	Other (specify): Trip Blank	Analyze For: VOCs	SVOCs	total Fe & Mn	(Filtered) dissolved Fe & Mn	sulfate	chloride	alkalinity	RSK175 gases	RUSH TAT (Pre-Scheduled)*	TAT request (in Bus. Days)	Fax Results (yes or no)	Due Date of Report
trip blank	8/25/11		1																		X												
• MW-12	↓	0800	3	X					3						X							X											
• MW-22		0740	5	↓					3					2	X							X	X										
• MWW-2S		0915	3						3						X							X											
• MWW-8S		1100	3						3						X							X											
• SW-10	↓	1150	9	↓					5					21	X							X	X	X	X	X	X	X					

Comments/Special Instructions: Use CAMs methods & reporting format.
Due 9/6/11 per Jennifer Huckaba

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2 Level 3 Level 4 Other

Relinquished by:	Date	Time	Received by:	Date	Time
Brian Caccuzzo	8/25/11	1800	GES Stefan Sokol	8/25/11	1800
Stefan Sokol	8/26/11	1424	Received by TestAmerica: FedX 797455572942	8/26/11	1424

8-27-11 08:15 1.9

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

September 06, 2011 1:38:06PM

Client: GES Westford (10650)
364 Littleton Road, Suite 4
Westford, MA 01886
Attn: Stefan Sokol

Work Order: NUH3810
Project Name: General Chemical
Project Nbr: Framingham, MA
P/O Nbr: 1603978
Date Received: 08/27/11

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Trip Blank	NUH3810-01	08/24/11 00:01
GZ-17S	NUH3810-02	08/24/11 10:10
GZ-15S	NUH3810-03	08/24/11 11:20
CDW-12	NUH3810-04	08/24/11 12:50
RW-1	NUH3810-05	08/24/11 14:50
CDW-18D	NUH3810-06	08/24/11 10:15
CDW-9	NUH3810-07	08/24/11 11:00
MW-17	NUH3810-08	08/24/11 13:10
MW-16	NUH3810-09	08/24/11 13:55
MW-15	NUH3810-10	08/24/11 15:00

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. These results relate only to the items tested, and this report may not be reproduced except in full and with the permission of the Laboratory. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Certification Number: M-TN032

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

Additional Laboratory Comments:
All samples were received in good condition, properly preserved, and properly labeled. All analyses were completed within holding times.

All no responses from the attached "MCP Response Action Analytical Report Certification Form" are addressed below.

G. The volatile reporting limit for tetrahydrofuran was above the MADEP CAM limits.

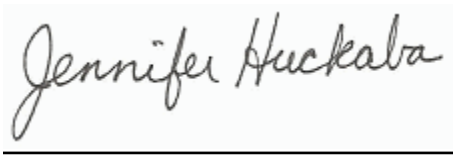
H. The volatile blank spike duplicate (LCSD) recoveries for Acetone in batch 11H7152 and 1,4-Dioxane in batch 11I0410 were outside QC limits. The recoveries were elevated and the associated samples were non-detect at the reporting limit; therefore the data was accepted without further analysis.

I. The full MCP metals CAM analyte list was not reported. Only those analytes requested on the chain of custody by the client were reported.

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainty is available upon request.
This report has been electronically signed.
Report Approved By:



Jennifer Huckaba

Senior Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

Sample Cooler Information

Lab ID	Cooler ID	Temp	Seals	Containers Intact	Preservation Confirmed	On Ice
	2476	1.9C	Yes	Yes	No	Yes

MassDEP Analytical Protocol Certification Form

Laboratory Name: TestAmerica Analytical Testing Corporation Project #: Framingham, MA

Project Location: General Chemical RTN:

This Form provides certifications for the following data set: list Laboratory Sample ID Number(s):

NUH3810

Matrices: (Groundwater) Surface Water Soil/Sediment Drinking Water Air Other:

CAM Protocol (check all that apply below):

8260 VOC CAM II A X	7470/7471 Hg CAM III B	MassDEP VPH CAM IV A	8081 Pesticides CAM V B	7196 Hex Cr CAM VI B	MassDEP APH CAM IX A
8270 SVOC CAM II B	7010 Metals CAM III C	MassDEP EPH CAM IV B	8151 Herbicides CAM V C	8330 Explosives CAM VIII A	TO-15 VOC CAM IX B
6010 Metals X CAM III A	6020 Metals CAM III D	8082 PCB CAM V A	9014 Total Cyanide/PAC CAM VI A	6860 Perchlorate CAM VIII B	

Affirmative Responses to Questions A through F are required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	(Yes) No
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	(Yes) No
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	(Yes) No
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	(Yes) No
E	VPH, EPH, APH, and TO-15 only: a. VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications). b. APH and TO-15 Methods only: Was the complete analyte list reported for each method?	Yes No Yes No
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	(Yes) No

Responses to Questions G, H and I below are required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	Yes (No[1])

***Data User Note:** Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.*

H	Were all QC performance standards specified in the CAM protocol(s) achieved?	Yes (No[1])
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	Yes (No[1])

[1] *All negative responses must be addressed in an attached laboratory narrative.*

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: Jennifer Huckaba **Position:** Sr Proj Mgr

Printed Name: Jennifer Huckaba **Date:** 9-6-11

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Sample ID: NUH3810-01 (Trip Blank - Water) Sampled: 08/24/11 00:01

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	ND	ug/L	L	10.0	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Benzene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Bromobenzene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Bromochloromethane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Bromodichloromethane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Bromoform	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Bromomethane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
2-Butanone	ND	ug/L		10.0	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
tert-Butylbenzene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
n-Butylbenzene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
sec-Butylbenzene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Carbon disulfide	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Carbon Tetrachloride	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Chlorobenzene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Chlorodibromomethane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Chloroethane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Chloroform	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Chloromethane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
2-Chlorotoluene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
4-Chlorotoluene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Dibromomethane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
1,2-Dichloroethane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
1,1-Dichloroethane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
1,1-Dichloroethene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
cis-1,2-Dichloroethene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
1,3-Dichloropropane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
2,2-Dichloropropane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
1,2-Dichloropropane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
1,1-Dichloropropene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Diethyl ether	ND	ug/L		2.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3810-01 (Trip Blank - Water) - cont. Sampled: 08/24/11 00:01										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L		200	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Ethylbenzene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Hexachlorobutadiene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
2-Hexanone	ND	ug/L		10.0	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Isopropylbenzene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Diisopropyl Ether	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
p-Isopropyltoluene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Methylene Chloride	ND	ug/L		2.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Naphthalene	ND	ug/L		2.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
n-Propylbenzene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Styrene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Tetrachloroethene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Tetrahydrofuran	ND	ug/L		20.0	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Toluene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
1,1,1-Trichloroethane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Trichloroethene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Trichlorofluoromethane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Vinyl chloride	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Xylenes, total	ND	ug/L		2.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
1,1,2-Trifluorotrichloroethane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 14:06	EML	SW846 8260B	11H7152
Surr: 1,2-Dichloroethane-d4 (70-130%)	*98 %*						08/31/11 14:06	EML	SW846 8260B	11H7152
Surr: Dibromofluoromethane (70-130%)	*101 %*						08/31/11 14:06	EML	SW846 8260B	11H7152
Surr: Toluene-d8 (70-130%)	*100 %*						08/31/11 14:06	EML	SW846 8260B	11H7152
Surr: 4-Bromofluorobenzene (70-130%)	*98 %*						08/31/11 14:06	EML	SW846 8260B	11H7152

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3810-02 (GZ-17S - Ground Water) Sampled: 08/24/11 10:10										
General Chemistry Parameters										
Alkalinity, Total (CaCO3)	**12.6**	mg/L		10.0	1	09/01/11 04:25	09/01/11 04:25	JAG2	SM2320 B	11H7329
Chloride	**5.46**	mg/L		1.00	1	08/30/11 15:57	08/30/11 18:35	MSJ	SM4500-Cl E	11H6955
Sulfate	**22.0**	mg/L		1.00	1	08/30/11 15:39	08/30/11 15:39	MSJ	ASTM D516-90	11H6963

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3810-02 (GZ-17S - Ground Water) - cont. Sampled: 08/24/11 10:10										
Methane, Ethane, and Ethene by GC										
Ethane	ND	ug/L		26.0	1	08/31/11 08:14	08/31/11 12:46	JLS2	RSK 175 M	11H7049
Ethene	ND	ug/L		26.0	1	08/31/11 08:14	08/31/11 12:46	JLS2	RSK 175 M	11H7049
Methane	ND	ug/L		26.0	1	08/29/11 12:48	08/31/11 13:22	JLS2	RSK 175 M	11H6675
Surr: Acetylene (70-122%)	*87 %*						08/31/11 12:46	JLS2	RSK 175 M	11H7049
Surr: Acetylene (70-122%)	*101 %*						08/31/11 13:22	JLS2	RSK 175 M	11H6675

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Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3810-02 (GZ-17S - Ground Water) - cont. Sampled: 08/24/11 10:10										
Total Metals by EPA 6010C										
Iron	**0.454**	mg/L		0.0500	1	08/30/11 08:55	08/30/11 21:46	AVR	SW846 6010C	11H6605
Manganese	**0.278**	mg/L		0.0150	1	08/30/11 08:55	08/30/11 21:46	AVR	SW846 6010C	11H6605

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Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3810-02 (GZ-17S - Ground Water) - cont. Sampled: 08/24/11 10:10										
Dissolved Metals by Method 6010C										
Iron	ND	mg/L		0.0500	1	08/30/11 08:55	08/31/11 01:25	LTB	SW846 6010C	11H6611
Manganese	**0.269**	mg/L		0.0150	1	08/30/11 08:55	08/31/11 01:25	LTB	SW846 6010C	11H6611

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3810-02 (GZ-17S - Ground Water) - cont. Sampled: 08/24/11 10:10										
Volatile Organic Compounds by EPA Method 8260B										
Acetone	ND	ug/L		10.0	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Benzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Bromobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Bromochloromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Bromodichloromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Bromoform	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Bromomethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
2-Butanone	ND	ug/L		10.0	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
tert-Butylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
n-Butylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
sec-Butylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Carbon disulfide	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Carbon Tetrachloride	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Chlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Chlorodibromomethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Chloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Chloroform	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Chloromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
2-Chlorotoluene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
4-Chlorotoluene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Dibromomethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
1,2-Dichloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
1,1-Dichloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
1,1-Dichloroethene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
cis-1,2-Dichloroethene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
1,3-Dichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
2,2-Dichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
1,2-Dichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
1,1-Dichloropropene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Diethyl ether	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3810-02 (GZ-17S - Ground Water) - cont. Sampled: 08/24/11 10:10										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L		200	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Ethylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Hexachlorobutadiene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
2-Hexanone	ND	ug/L		10.0	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Isopropylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Diisopropyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
p-Isopropyltoluene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Methylene Chloride	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Naphthalene	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
n-Propylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Styrene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Tetrachloroethene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Tetrahydrofuran	ND	ug/L		20.0	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Toluene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
1,1,1-Trichloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Trichloroethene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Trichlorofluoromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Vinyl chloride	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Xylenes, total	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
1,1,2-Trifluorotrichloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:01	EML	SW846 8260B	11H7188
Surr: 1,2-Dichloroethane-d4 (70-130%)	*92 %*						08/30/11 04:01	EML	SW846 8260B	11H7188
Surr: Dibromofluoromethane (70-130%)	*104 %*						08/30/11 04:01	EML	SW846 8260B	11H7188
Surr: Toluene-d8 (70-130%)	*101 %*						08/30/11 04:01	EML	SW846 8260B	11H7188
Surr: 4-Bromofluorobenzene (70-130%)	*94 %*						08/30/11 04:01	EML	SW846 8260B	11H7188

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Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3810-03 (GZ-15S - Ground Water) Sampled: 08/24/11 11:20										
General Chemistry Parameters										
Alkalinity, Total (CaCO3)	**37.8**	mg/L		10.0	1	09/01/11 04:30	09/01/11 04:30	JAG2	SM2320 B	11H7329
Chloride	**31.4**	mg/L		1.00	1	08/30/11 15:57	08/30/11 18:35	MSJ	SM4500-Cl E	11H6955
Sulfate	**17.1**	mg/L		1.00	1	08/30/11 15:39	08/30/11 15:39	MSJ	ASTM D516-90	11H6963

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THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3810-03 (GZ-15S - Ground Water) - cont. Sampled: 08/24/11 11:20										
Methane, Ethane, and Ethene by GC										
Ethane	ND	ug/L		26.0	1	08/31/11 08:14	08/31/11 12:49	JLS2	RSK 175 M	11H7049
Ethene	ND	ug/L		26.0	1	08/31/11 08:14	08/31/11 12:49	JLS2	RSK 175 M	11H7049
Methane	ND	ug/L		26.0	1	08/29/11 12:48	08/31/11 13:25	JLS2	RSK 175 M	11H6675
Surr: Acetylene (70-122%)	*106 %*						08/31/11 13:25	JLS2	RSK 175 M	11H6675
Surr: Acetylene (70-122%)	*88 %*						08/31/11 12:49	JLS2	RSK 175 M	11H7049

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	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3810-03 (GZ-15S - Ground Water) - cont. Sampled: 08/24/11 11:20										
Total Metals by EPA 6010C										
Iron	**0.194**	mg/L		0.0500	1	08/30/11 08:55	08/30/11 21:49	AVR	SW846 6010C	11H6605
Manganese	**0.259**	mg/L		0.0150	1	08/30/11 08:55	08/30/11 21:49	AVR	SW846 6010C	11H6605

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	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3810-03 (GZ-15S - Ground Water) - cont. Sampled: 08/24/11 11:20										
Dissolved Metals by Method 6010C										
Iron	ND	mg/L		0.0500	1	08/30/11 08:55	08/31/11 01:29	LTB	SW846 6010C	11H6611
Manganese	**0.0270**	mg/L		0.0150	1	08/30/11 08:55	08/31/11 01:29	LTB	SW846 6010C	11H6611

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3810-03 (GZ-15S - Ground Water) - cont. Sampled: 08/24/11 11:20										
Volatile Organic Compounds by EPA Method 8260B										
Acetone	ND	ug/L		10.0	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Benzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Bromobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Bromochloromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Bromodichloromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Bromoform	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Bromomethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
2-Butanone	ND	ug/L		10.0	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
tert-Butylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
n-Butylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
sec-Butylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Carbon disulfide	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Carbon Tetrachloride	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Chlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Chlorodibromomethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Chloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Chloroform	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Chloromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
2-Chlorotoluene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
4-Chlorotoluene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Dibromomethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
1,2-Dichloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
1,1-Dichloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
1,1-Dichloroethene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
cis-1,2-Dichloroethene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
1,3-Dichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
2,2-Dichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
1,2-Dichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
1,1-Dichloropropene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Diethyl ether	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188

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	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3810-03 (GZ-15S - Ground Water) - cont. Sampled: 08/24/11 11:20										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L		200	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Ethylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Hexachlorobutadiene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
2-Hexanone	ND	ug/L		10.0	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Isopropylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Diisopropyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
p-Isopropyltoluene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Methylene Chloride	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Naphthalene	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
n-Propylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Styrene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Tetrachloroethene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Tetrahydrofuran	ND	ug/L		20.0	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Toluene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
1,1,1-Trichloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Trichloroethene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Trichlorofluoromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Vinyl chloride	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Xylenes, total	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
1,1,2-Trifluorotrichloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:28	EML	SW846 8260B	11H7188
Surr: 1,2-Dichloroethane-d4 (70-130%)	*91 %*						08/30/11 04:28	EML	SW846 8260B	11H7188
Surr: Dibromofluoromethane (70-130%)	*103 %*						08/30/11 04:28	EML	SW846 8260B	11H7188
Surr: Toluene-d8 (70-130%)	*101 %*						08/30/11 04:28	EML	SW846 8260B	11H7188
Surr: 4-Bromofluorobenzene (70-130%)	*94 %*						08/30/11 04:28	EML	SW846 8260B	11H7188

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	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3810-04 (CDW-12 - Ground Water) Sampled: 08/24/11 12:50										
General Chemistry Parameters										
Alkalinity, Total (CaCO3)	**61.1**	mg/L		10.0	1	09/01/11 04:35	09/01/11 04:35	JAG2	SM2320 B	11H7329
Chloride	**133**	mg/L		10.0	10	08/30/11 15:57	08/30/11 18:35	MSJ	SM4500-Cl E	11H6955
Sulfate	**10.3**	mg/L		1.00	1	08/30/11 15:39	08/30/11 15:39	MSJ	ASTM D516-90	11H6963

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	Westford, MA 01886	Project Number:	Framingham, MA
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ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3810-04 (CDW-12 - Ground Water) - cont. Sampled: 08/24/11 12:50										
Methane, Ethane, and Ethene by GC										
Ethane	ND	ug/L		26.0	1	08/31/11 08:14	08/31/11 12:51	JLS2	RSK 175 M	11H7049
Ethene	ND	ug/L		26.0	1	08/31/11 08:14	08/31/11 12:51	JLS2	RSK 175 M	11H7049
Methane	ND	ug/L		26.0	1	08/29/11 12:48	08/31/11 13:28	JLS2	RSK 175 M	11H6675
Surr: Acetylene (70-122%)	*89 %*						08/31/11 13:28	JLS2	RSK 175 M	11H6675
Surr: Acetylene (70-122%)	*83 %*						08/31/11 12:51	JLS2	RSK 175 M	11H7049

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ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3810-04 (CDW-12 - Ground Water) - cont. Sampled: 08/24/11 12:50										
Total Metals by EPA 6010C										
Iron	**23.0**	mg/L		0.0500	1	08/30/11 08:55	08/30/11 21:52	AVR	SW846 6010C	11H6605
Manganese	**5.95**	mg/L		0.0150	1	08/30/11 08:55	08/30/11 21:52	AVR	SW846 6010C	11H6605

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ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3810-04 (CDW-12 - Ground Water) - cont. Sampled: 08/24/11 12:50										
Dissolved Metals by Method 6010C										
Iron	**21.7**	mg/L		0.0500	1	08/30/11 08:55	08/31/11 01:32	LTB	SW846 6010C	11H6611
Manganese	**6.13**	mg/L		0.0150	1	08/30/11 08:55	08/31/11 01:32	LTB	SW846 6010C	11H6611

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ANALYTICAL REPORT

Sample ID: NUH3810-04 (CDW-12 - Ground Water) - cont. Sampled: 08/24/11 12:50

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	**189**	ug/L		10.0	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Tert-Amyl Methyl Ether	**5.12**	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Benzene	**2.48**	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Bromobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Bromochloromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Bromodichloromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Bromoform	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Bromomethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
2-Butanone	ND	ug/L		10.0	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
tert-Butylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
n-Butylbenzene	**3.52**	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
sec-Butylbenzene	**2.22**	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Carbon disulfide	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Carbon Tetrachloride	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Chlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Chlorodibromomethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Chloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Chloroform	**2.45**	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Chloromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
2-Chlorotoluene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
4-Chlorotoluene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Dibromomethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
1,2-Dichlorobenzene	**3.08**	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
1,2-Dichloroethane	**5.01**	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
1,1-Dichloroethane	**167**	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
1,1-Dichloroethene	**693**	ug/L		20.0	20	08/31/11 09:26	08/31/11 19:14	EML	SW846 8260B	11H7152
trans-1,2-Dichloroethene	**62.9**	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
cis-1,2-Dichloroethene	**16800**	ug/L		200	200	08/31/11 09:26	08/31/11 18:46	EML	SW846 8260B	11H7152
1,3-Dichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
2,2-Dichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
1,2-Dichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
1,1-Dichloropropene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Diethyl ether	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Sample ID: NUH3810-04 (CDW-12 - Ground Water) - cont. Sampled: 08/24/11 12:50

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
1,4-Dioxane	**237**	ug/L		200	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Ethylbenzene	**31.0**	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Hexachlorobutadiene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
2-Hexanone	ND	ug/L		10.0	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Isopropylbenzene	**5.81**	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Diisopropyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
p-Isopropyltoluene	**2.33**	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Methyl tert-Butyl Ether	**8.38**	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Methylene Chloride	**2.61**	ug/L		2.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Naphthalene	**55.2**	ug/L		2.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
n-Propylbenzene	**6.31**	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Styrene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Tetrachloroethene	**336**	ug/L		20.0	20	08/31/11 09:26	08/31/11 19:14	EML	SW846 8260B	11H7152
Tetrahydrofuran	ND	ug/L		20.0	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Toluene	**8.04**	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
1,1,1-Trichloroethane	**3600**	ug/L		20.0	20	08/31/11 09:26	08/31/11 19:14	EML	SW846 8260B	11H7152
1,1,2-Trichloroethane	**8.41**	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Trichloroethene	**370**	ug/L		20.0	20	08/31/11 09:26	08/31/11 19:14	EML	SW846 8260B	11H7152
Trichlorofluoromethane	**1.33**	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
1,3,5-Trimethylbenzene	**14.5**	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
1,2,4-Trimethylbenzene	**72.7**	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Vinyl chloride	**8.33**	ug/L		1.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
Xylenes, total	**71.4**	ug/L		2.00	1	08/29/11 19:44	08/30/11 04:56	EML	SW846 8260B	11H7188
1,1,2-Trifluorotrichloroethane	**4800**	ug/L		200	200	08/31/11 09:26	08/31/11 18:46	EML	SW846 8260B	11H7152
Surr: 1,2-Dichloroethane-d4 (70-130%)	*90 %*						08/30/11 04:56	EML	SW846 8260B	11H7188
Surr: 1,2-Dichloroethane-d4 (70-130%)	*98 %*						08/31/11 19:14	EML	SW846 8260B	11H7152
Surr: 1,2-Dichloroethane-d4 (70-130%)	*97 %*						08/31/11 18:46	EML	SW846 8260B	11H7152
Surr: Dibromofluoromethane (70-130%)	*101 %*						08/30/11 04:56	EML	SW846 8260B	11H7188
Surr: Dibromofluoromethane (70-130%)	*99 %*						08/31/11 19:14	EML	SW846 8260B	11H7152
Surr: Dibromofluoromethane (70-130%)	*98 %*						08/31/11 18:46	EML	SW846 8260B	11H7152
Surr: Toluene-d8 (70-130%)	*100 %*						08/30/11 04:56	EML	SW846 8260B	11H7188
Surr: Toluene-d8 (70-130%)	*98 %*						08/31/11 19:14	EML	SW846 8260B	11H7152
Surr: Toluene-d8 (70-130%)	*99 %*						08/31/11 18:46	EML	SW846 8260B	11H7152

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3810-04 (CDW-12 - Ground Water) - cont. Sampled: 08/24/11 12:50										
Volatile Organic Compounds by EPA Method 8260B - cont.										
Surr: 4-Bromofluorobenzene (70-130%)	*98 %*						08/30/11 04:56	EML	SW846 8260B	11H7188
Surr: 4-Bromofluorobenzene (70-130%)	*96 %*						08/31/11 19:14	EML	SW846 8260B	11H7152
Surr: 4-Bromofluorobenzene (70-130%)	*95 %*						08/31/11 18:46	EML	SW846 8260B	11H7152

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Sample ID: NUH3810-05 (RW-1 - Ground Water) Sampled: 08/24/11 14:50

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	ND	ug/L	L	10.0	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Benzene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Bromobenzene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Bromochloromethane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Bromodichloromethane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Bromoform	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Bromomethane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
2-Butanone	ND	ug/L		10.0	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
tert-Butylbenzene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
n-Butylbenzene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
sec-Butylbenzene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Carbon disulfide	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Carbon Tetrachloride	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Chlorobenzene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Chlorodibromomethane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Chloroethane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Chloroform	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Chloromethane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
2-Chlorotoluene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
4-Chlorotoluene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Dibromomethane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
1,2-Dichloroethane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
1,1-Dichloroethane	**65.8**	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
1,1-Dichloroethene	**15.4**	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
trans-1,2-Dichloroethene	**5.78**	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
cis-1,2-Dichloroethene	**499**	ug/L		10.0	10	08/31/11 09:26	08/31/11 18:18	EML	SW846 8260B	11H7152
1,3-Dichloropropane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
2,2-Dichloropropane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
1,2-Dichloropropane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
1,1-Dichloropropene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Diethyl ether	ND	ug/L		2.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3810-05 (RW-1 - Ground Water) - cont. Sampled: 08/24/11 14:50										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L		200	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Ethylbenzene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Hexachlorobutadiene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
2-Hexanone	ND	ug/L		10.0	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Isopropylbenzene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Diisopropyl Ether	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
p-Isopropyltoluene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Methylene Chloride	ND	ug/L		2.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Naphthalene	ND	ug/L		2.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
n-Propylbenzene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Styrene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Tetrachloroethene	**136**	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Tetrahydrofuran	ND	ug/L		20.0	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Toluene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
1,1,1-Trichloroethane	**291**	ug/L		10.0	10	08/31/11 09:26	08/31/11 18:18	EML	SW846 8260B	11H7152
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Trichloroethene	**134**	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Trichlorofluoromethane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Vinyl chloride	ND	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Xylenes, total	ND	ug/L		2.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
1,1,2-Trifluorotrichloroethane	**31.0**	ug/L		1.00	1	08/31/11 09:26	08/31/11 17:22	EML	SW846 8260B	11H7152
Surr: 1,2-Dichloroethane-d4 (70-130%)	*100 %*						08/31/11 17:22	EML	SW846 8260B	11H7152
Surr: 1,2-Dichloroethane-d4 (70-130%)	*99 %*						08/31/11 18:18	EML	SW846 8260B	11H7152
Surr: Dibromofluoromethane (70-130%)	*110 %*						08/31/11 17:22	EML	SW846 8260B	11H7152
Surr: Dibromofluoromethane (70-130%)	*105 %*						08/31/11 18:18	EML	SW846 8260B	11H7152
Surr: Toluene-d8 (70-130%)	*96 %*						08/31/11 17:22	EML	SW846 8260B	11H7152
Surr: Toluene-d8 (70-130%)	*100 %*						08/31/11 18:18	EML	SW846 8260B	11H7152
Surr: 4-Bromofluorobenzene (70-130%)	*93 %*						08/31/11 17:22	EML	SW846 8260B	11H7152
Surr: 4-Bromofluorobenzene (70-130%)	*96 %*						08/31/11 18:18	EML	SW846 8260B	11H7152

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3810-06 (CDW-18D - Ground Water) Sampled: 08/24/11 10:15										
Volatile Organic Compounds by EPA Method 8260B										
Acetone	ND	ug/L		10.0	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Benzene	**6.95**	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Bromobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Bromochloromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Bromodichloromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Bromoform	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Bromomethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
2-Butanone	ND	ug/L		10.0	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
tert-Butylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
n-Butylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
sec-Butylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Carbon disulfide	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Carbon Tetrachloride	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Chlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Chlorodibromomethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Chloroethane	**6.73**	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Chloroform	**1.32**	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Chloromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
2-Chlorotoluene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
4-Chlorotoluene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Dibromomethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
1,2-Dichloroethane	**3.21**	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
1,1-Dichloroethane	**67.9**	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
1,1-Dichloroethene	**194**	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
trans-1,2-Dichloroethene	**28.1**	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
cis-1,2-Dichloroethene	**3550**	ug/L		20.0	20	08/31/11 21:34	09/01/11 01:45	EML	SW846 8260B	11I0410
1,3-Dichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
2,2-Dichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
1,2-Dichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
1,1-Dichloropropene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Diethyl ether	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3810-06 (CDW-18D - Ground Water) - cont. Sampled: 08/24/11 10:15										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L		200	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Ethylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Hexachlorobutadiene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
2-Hexanone	ND	ug/L		10.0	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Isopropylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Diisopropyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
p-Isopropyltoluene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Methylene Chloride	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Naphthalene	**5.74**	ug/L		2.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
n-Propylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Styrene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Tetrachloroethene	**718**	ug/L		20.0	20	08/31/11 21:34	09/01/11 01:45	EML	SW846 8260B	11I0410
Tetrahydrofuran	ND	ug/L		20.0	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Toluene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
1,1,1-Trichloroethane	**588**	ug/L		20.0	20	08/31/11 21:34	09/01/11 01:45	EML	SW846 8260B	11I0410
1,1,2-Trichloroethane	**1.93**	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Trichloroethene	**2060**	ug/L		20.0	20	08/31/11 21:34	09/01/11 01:45	EML	SW846 8260B	11I0410
Trichlorofluoromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Vinyl chloride	**116**	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Xylenes, total	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
1,1,2-Trifluorotrichloroethane	**187**	ug/L		1.00	1	08/29/11 19:44	08/30/11 05:51	EML	SW846 8260B	11H7188
Surr: 1,2-Dichloroethane-d4 (70-130%)	*90 %*						08/30/11 05:51	EML	SW846 8260B	11H7188
Surr: 1,2-Dichloroethane-d4 (70-130%)	*94 %*						09/01/11 01:45	EML	SW846 8260B	11I0410
Surr: Dibromofluoromethane (70-130%)	*105 %*						08/30/11 05:51	EML	SW846 8260B	11H7188
Surr: Dibromofluoromethane (70-130%)	*99 %*						09/01/11 01:45	EML	SW846 8260B	11I0410
Surr: Toluene-d8 (70-130%)	*102 %*						08/30/11 05:51	EML	SW846 8260B	11H7188
Surr: Toluene-d8 (70-130%)	*100 %*						09/01/11 01:45	EML	SW846 8260B	11I0410
Surr: 4-Bromofluorobenzene (70-130%)	*96 %*						08/30/11 05:51	EML	SW846 8260B	11H7188
Surr: 4-Bromofluorobenzene (70-130%)	*93 %*						09/01/11 01:45	EML	SW846 8260B	11I0410

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Sample ID: NUH3810-07 (CDW-9 - Ground Water) Sampled: 08/24/11 11:00

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	ND	ug/L		10.0	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Benzene	**1.43**	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Bromobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Bromochloromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Bromodichloromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Bromoform	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Bromomethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
2-Butanone	ND	ug/L		10.0	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
tert-Butylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
n-Butylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
sec-Butylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Carbon disulfide	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Carbon Tetrachloride	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Chlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Chlorodibromomethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Chloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Chloroform	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Chloromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
2-Chlorotoluene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
4-Chlorotoluene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Dibromomethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
1,2-Dichloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
1,1-Dichloroethane	**19.0**	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
1,1-Dichloroethene	**52.1**	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
trans-1,2-Dichloroethene	**4.26**	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
cis-1,2-Dichloroethene	**1070**	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:12	EML	SW846 8260B	11I0410
1,3-Dichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
2,2-Dichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
1,2-Dichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
1,1-Dichloropropene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Diethyl ether	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3810-07 (CDW-9 - Ground Water) - cont. Sampled: 08/24/11 11:00										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L		200	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Ethylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Hexachlorobutadiene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
2-Hexanone	ND	ug/L		10.0	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Isopropylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Diisopropyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
p-Isopropyltoluene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Methylene Chloride	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Naphthalene	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
n-Propylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Styrene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Tetrachloroethene	**514**	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:12	EML	SW846 8260B	11I0410
Tetrahydrofuran	ND	ug/L		20.0	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Toluene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
1,1,1-Trichloroethane	**169**	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Trichloroethene	**826**	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:12	EML	SW846 8260B	11I0410
Trichlorofluoromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Vinyl chloride	**23.4**	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Xylenes, total	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
1,1,2-Trifluorotrichloroethane	**65.5**	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:18	EML	SW846 8260B	11H7188
Surr: 1,2-Dichloroethane-d4 (70-130%)	*90 %*						08/30/11 06:18	EML	SW846 8260B	11H7188
Surr: 1,2-Dichloroethane-d4 (70-130%)	*95 %*						09/01/11 02:12	EML	SW846 8260B	11I0410
Surr: Dibromofluoromethane (70-130%)	*105 %*						08/30/11 06:18	EML	SW846 8260B	11H7188
Surr: Dibromofluoromethane (70-130%)	*99 %*						09/01/11 02:12	EML	SW846 8260B	11I0410
Surr: Toluene-d8 (70-130%)	*101 %*						08/30/11 06:18	EML	SW846 8260B	11H7188
Surr: Toluene-d8 (70-130%)	*100 %*						09/01/11 02:12	EML	SW846 8260B	11I0410
Surr: 4-Bromofluorobenzene (70-130%)	*94 %*						08/30/11 06:18	EML	SW846 8260B	11H7188
Surr: 4-Bromofluorobenzene (70-130%)	*93 %*						09/01/11 02:12	EML	SW846 8260B	11I0410

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Sample ID: NUH3810-08 (MW-17 - Ground Water) Sampled: 08/24/11 13:10

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	**21.8**	ug/L		10.0	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Benzene	**1.86**	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Bromobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Bromochloromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Bromodichloromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Bromoform	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Bromomethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
2-Butanone	ND	ug/L		10.0	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
tert-Butylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
n-Butylbenzene	**2.29**	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
sec-Butylbenzene	**1.68**	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Carbon disulfide	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Carbon Tetrachloride	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Chlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Chlorodibromomethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Chloroethane	**1.19**	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Chloroform	**5.07**	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Chloromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
2-Chlorotoluene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
4-Chlorotoluene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Dibromomethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
1,2-Dichlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
1,4-Dichlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
1,2-Dichloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
1,1-Dichloroethane	**138**	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
1,1-Dichloroethene	**306**	ug/L		10.0	10	08/31/11 21:34	09/01/11 06:50	EML	SW846 8260B	11I0410
trans-1,2-Dichloroethene	**29.5**	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
cis-1,2-Dichloroethene	**5910**	ug/L		100	100	08/31/11 21:34	09/01/11 04:32	EML	SW846 8260B	11I0410
1,3-Dichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
2,2-Dichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
1,2-Dichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
1,1-Dichloropropene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Diethyl ether	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3810-08 (MW-17 - Ground Water) - cont. Sampled: 08/24/11 13:10										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L		200	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Ethylbenzene	**4.89**	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Hexachlorobutadiene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
2-Hexanone	ND	ug/L		10.0	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Isopropylbenzene	**3.41**	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Diisopropyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
p-Isopropyltoluene	**1.78**	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Methylene Chloride	**52.7**	ug/L		2.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Naphthalene	**19.8**	ug/L		2.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
n-Propylbenzene	**4.98**	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Styrene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Tetrachloroethene	**2470**	ug/L		100	100	08/31/11 21:34	09/01/11 04:32	EML	SW846 8260B	11I0410
Tetrahydrofuran	ND	ug/L		20.0	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Toluene	**11.0**	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
1,1,1-Trichloroethane	**2630**	ug/L		100	100	08/31/11 21:34	09/01/11 04:32	EML	SW846 8260B	11I0410
1,1,2-Trichloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Trichloroethene	**616**	ug/L		10.0	10	08/31/11 21:34	09/01/11 06:50	EML	SW846 8260B	11I0410
Trichlorofluoromethane	**2.05**	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
1,3,5-Trimethylbenzene	**10.8**	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
1,2,4-Trimethylbenzene	**42.9**	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Vinyl chloride	**6.32**	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Xylenes, total	**11.6**	ug/L		2.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
1,1,2-Trifluorotrichloroethane	**137**	ug/L		1.00	1	08/29/11 19:44	08/30/11 06:46	EML	SW846 8260B	11H7188
Surr: 1,2-Dichloroethane-d4 (70-130%)	*90 %*						08/30/11 06:46	EML	SW846 8260B	11H7188
Surr: 1,2-Dichloroethane-d4 (70-130%)	*92 %*						09/01/11 06:50	EML	SW846 8260B	11I0410
Surr: 1,2-Dichloroethane-d4 (70-130%)	*95 %*						09/01/11 04:32	EML	SW846 8260B	11I0410
Surr: Dibromofluoromethane (70-130%)	*105 %*						08/30/11 06:46	EML	SW846 8260B	11H7188
Surr: Dibromofluoromethane (70-130%)	*103 %*						09/01/11 06:50	EML	SW846 8260B	11I0410
Surr: Dibromofluoromethane (70-130%)	*99 %*						09/01/11 04:32	EML	SW846 8260B	11I0410
Surr: Toluene-d8 (70-130%)	*101 %*						08/30/11 06:46	EML	SW846 8260B	11H7188
Surr: Toluene-d8 (70-130%)	*99 %*						09/01/11 06:50	EML	SW846 8260B	11I0410
Surr: Toluene-d8 (70-130%)	*98 %*						09/01/11 04:32	EML	SW846 8260B	11I0410

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3810-08 (MW-17 - Ground Water) - cont. Sampled: 08/24/11 13:10										
Volatile Organic Compounds by EPA Method 8260B - cont.										
Surr: 4-Bromofluorobenzene (70-130%)	*97 %*						08/30/11 06:46	EML	SW846 8260B	11H7188
Surr: 4-Bromofluorobenzene (70-130%)	*93 %*						09/01/11 06:50	EML	SW846 8260B	11I0410
Surr: 4-Bromofluorobenzene (70-130%)	*94 %*						09/01/11 04:32	EML	SW846 8260B	11I0410

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Sample ID: NUH3810-09 (MW-16 - Ground Water) Sampled: 08/24/11 13:55

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	ND	ug/L		10.0	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Benzene	**1.59**	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Bromobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Bromochloromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Bromodichloromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Bromoform	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Bromomethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
2-Butanone	ND	ug/L		10.0	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
tert-Butylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
n-Butylbenzene	**2.02**	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
sec-Butylbenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Carbon disulfide	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Carbon Tetrachloride	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Chlorobenzene	**1.40**	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Chlorodibromomethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Chloroethane	**26.7**	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Chloroform	**1.68**	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Chloromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
2-Chlorotoluene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
4-Chlorotoluene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Dibromomethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
1,2-Dichlorobenzene	**133**	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
1,3-Dichlorobenzene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
1,4-Dichlorobenzene	**24.9**	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Dichlorodifluoromethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
1,2-Dichloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
1,1-Dichloroethane	**2610**	ug/L		50.0	50	08/31/11 21:34	09/01/11 07:18	EML	SW846 8260B	11I0410
1,1-Dichloroethene	**286**	ug/L		50.0	50	08/31/11 21:34	09/01/11 07:18	EML	SW846 8260B	11I0410
trans-1,2-Dichloroethene	**68.4**	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
cis-1,2-Dichloroethene	**17700**	ug/L		500	500	08/31/11 21:34	09/01/11 04:59	EML	SW846 8260B	11I0410
1,3-Dichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
2,2-Dichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
1,2-Dichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
1,1-Dichloropropene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Diethyl ether	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3810-09 (MW-16 - Ground Water) - cont. Sampled: 08/24/11 13:55										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L		200	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Ethylbenzene	**6.45**	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Hexachlorobutadiene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
2-Hexanone	ND	ug/L		10.0	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Isopropylbenzene	**2.02**	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Diisopropyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
p-Isopropyltoluene	**4.69**	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Methylene Chloride	**24.4**	ug/L		2.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
4-Methyl-2-pentanone	ND	ug/L		10.0	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Naphthalene	**25.4**	ug/L		2.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
n-Propylbenzene	**3.10**	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Styrene	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
1,1,2,2-Tetrachloroethane	**1.70**	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Tetrachloroethene	**274**	ug/L		50.0	50	08/31/11 21:34	09/01/11 07:18	EML	SW846 8260B	11I0410
Tetrahydrofuran	ND	ug/L		20.0	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Toluene	**18.7**	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
1,1,1-Trichloroethane	**42500**	ug/L		500	500	08/31/11 21:34	09/01/11 04:59	EML	SW846 8260B	11I0410
1,1,2-Trichloroethane	**2.10**	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Trichloroethene	**144**	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Trichlorofluoromethane	**2.20**	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
1,2,3-Trichloropropane	ND	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
1,3,5-Trimethylbenzene	**9.55**	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
1,2,4-Trimethylbenzene	**30.9**	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Vinyl chloride	**29.5**	ug/L		1.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
Xylenes, total	**20.8**	ug/L		2.00	1	08/29/11 19:44	08/30/11 07:13	EML	SW846 8260B	11H7188
1,1,2-Trifluorotrichloroethane	**1240**	ug/L		50.0	50	08/31/11 21:34	09/01/11 07:18	EML	SW846 8260B	11I0410
Surr: 1,2-Dichloroethane-d4 (70-130%)	*80 %*						08/30/11 07:13	EML	SW846 8260B	11H7188
Surr: 1,2-Dichloroethane-d4 (70-130%)	*93 %*						09/01/11 07:18	EML	SW846 8260B	11I0410
Surr: 1,2-Dichloroethane-d4 (70-130%)	*94 %*						09/01/11 04:59	EML	SW846 8260B	11I0410
Surr: Dibromofluoromethane (70-130%)	*95 %*						08/30/11 07:13	EML	SW846 8260B	11H7188
Surr: Dibromofluoromethane (70-130%)	*100 %*						09/01/11 07:18	EML	SW846 8260B	11I0410
Surr: Dibromofluoromethane (70-130%)	*103 %*						09/01/11 04:59	EML	SW846 8260B	11I0410
Surr: Toluene-d8 (70-130%)	*99 %*						08/30/11 07:13	EML	SW846 8260B	11H7188
Surr: Toluene-d8 (70-130%)	*100 %*						09/01/11 07:18	EML	SW846 8260B	11I0410
Surr: Toluene-d8 (70-130%)	*99 %*						09/01/11 04:59	EML	SW846 8260B	11I0410

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3810-09 (MW-16 - Ground Water) - cont. Sampled: 08/24/11 13:55										
Volatile Organic Compounds by EPA Method 8260B - cont.										
Surr: 4-Bromofluorobenzene (70-130%)	*96 %*						08/30/11 07:13	EML	SW846 8260B	11H7188
Surr: 4-Bromofluorobenzene (70-130%)	*95 %*						09/01/11 07:18	EML	SW846 8260B	11I0410
Surr: 4-Bromofluorobenzene (70-130%)	*95 %*						09/01/11 04:59	EML	SW846 8260B	11I0410

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Sample ID: NUH3810-10 (MW-15 - Ground Water) Sampled: 08/24/11 15:00

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	ND	ug/L		100	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Tert-Amyl Methyl Ether	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Benzene	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Bromobenzene	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Bromochloromethane	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Bromodichloromethane	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Bromoform	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Bromomethane	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
2-Butanone	ND	ug/L		100	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
tert-Butylbenzene	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
n-Butylbenzene	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
sec-Butylbenzene	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Carbon disulfide	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Carbon Tetrachloride	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Chlorobenzene	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Chlorodibromomethane	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Chloroethane	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Chloroform	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Chloromethane	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
2-Chlorotoluene	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
4-Chlorotoluene	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
1,2-Dibromo-3-chloropropane	ND	ug/L		20.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
1,2-Dibromoethane (EDB)	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Dibromomethane	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
1,2-Dichlorobenzene	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
1,3-Dichlorobenzene	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
1,4-Dichlorobenzene	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Dichlorodifluoromethane	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
1,2-Dichloroethane	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
1,1-Dichloroethane	**290**	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
1,1-Dichloroethene	**137**	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
trans-1,2-Dichloroethene	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
cis-1,2-Dichloroethene	**4600**	ug/L		50.0	50	08/31/11 09:26	08/31/11 16:26	EML	SW846 8260B	11H7152
1,3-Dichloropropane	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
2,2-Dichloropropane	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
1,2-Dichloropropane	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
trans-1,3-Dichloropropene	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
1,1-Dichloropropene	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
cis-1,3-Dichloropropene	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Diethyl ether	ND	ug/L		20.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUH3810-10 (MW-15 - Ground Water) - cont. Sampled: 08/24/11 15:00										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L	L	2000	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Ethylbenzene	**30.6**	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Ethyl tert-Butyl Ether	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Hexachlorobutadiene	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
2-Hexanone	ND	ug/L		100	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Isopropylbenzene	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Diisopropyl Ether	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
p-Isopropyltoluene	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Methyl tert-Butyl Ether	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Methylene Chloride	**25.1**	ug/L		20.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
4-Methyl-2-pentanone	ND	ug/L		100	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Naphthalene	**79.3**	ug/L		20.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
n-Propylbenzene	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Styrene	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
1,1,2,2-Tetrachloroethane	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
1,1,1,2-Tetrachloroethane	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Tetrachloroethene	**1390**	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Tetrahydrofuran	ND	ug/L		200	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Toluene	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
1,2,4-Trichlorobenzene	ND	ug/L		20.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
1,2,3-Trichlorobenzene	ND	ug/L		20.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
1,1,1-Trichloroethane	**2910**	ug/L		50.0	50	08/31/11 09:26	08/31/11 16:26	EML	SW846 8260B	11H7152
1,1,2-Trichloroethane	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Trichloroethene	**193**	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Trichlorofluoromethane	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
1,2,3-Trichloropropane	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
1,3,5-Trimethylbenzene	**33.1**	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
1,2,4-Trimethylbenzene	**148**	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Vinyl chloride	ND	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Xylenes, total	**75.2**	ug/L		20.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
1,1,2-Trifluorotrichloroethane	**472**	ug/L		10.0	10	08/31/11 21:34	09/01/11 02:40	EML	SW846 8260B	11I0410
Surr: 1,2-Dichloroethane-d4 (70-130%)	*99 %*						08/31/11 16:26	EML	SW846 8260B	11H7152
Surr: 1,2-Dichloroethane-d4 (70-130%)	*93 %*						09/01/11 02:40	EML	SW846 8260B	11I0410
Surr: Dibromofluoromethane (70-130%)	*105 %*						08/31/11 16:26	EML	SW846 8260B	11H7152
Surr: Dibromofluoromethane (70-130%)	*100 %*						09/01/11 02:40	EML	SW846 8260B	11I0410
Surr: Toluene-d8 (70-130%)	*97 %*						08/31/11 16:26	EML	SW846 8260B	11H7152
Surr: Toluene-d8 (70-130%)	*99 %*						09/01/11 02:40	EML	SW846 8260B	11I0410
Surr: 4-Bromofluorobenzene (70-130%)	*96 %*						08/31/11 16:26	EML	SW846 8260B	11H7152
Surr: 4-Bromofluorobenzene (70-130%)	*94 %*						09/01/11 02:40	EML	SW846 8260B	11I0410

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extract Vol	Date	Analyst	Extraction Method
Dissolved Metals by Method 6010C							
SW846 6010C	11H6611	NUH3810-02	50.00	50.00	08/30/11 08:55	ALJ	EPA 3010A / 6010 D
SW846 6010C	11H6611	NUH3810-02	50.00	50.00	08/30/11 08:55	ALJ	EPA 3010A / 6010 D
SW846 6010C	11H6611	NUH3810-03	50.00	50.00	08/30/11 08:55	ALJ	EPA 3010A / 6010 D
SW846 6010C	11H6611	NUH3810-03	50.00	50.00	08/30/11 08:55	ALJ	EPA 3010A / 6010 D
SW846 6010C	11H6611	NUH3810-04	50.00	50.00	08/30/11 08:55	ALJ	EPA 3010A / 6010 D
SW846 6010C	11H6611	NUH3810-04	50.00	50.00	08/30/11 08:55	ALJ	EPA 3010A / 6010 D
Total Metals by EPA 6010C							
SW846 6010C	11H6605	NUH3810-02	50.00	50.00	08/30/11 08:55	ALJ	EPA 3010A / 6010
SW846 6010C	11H6605	NUH3810-02	50.00	50.00	08/30/11 08:55	ALJ	EPA 3010A / 6010
SW846 6010C	11H6605	NUH3810-03	50.00	50.00	08/30/11 08:55	ALJ	EPA 3010A / 6010
SW846 6010C	11H6605	NUH3810-03	50.00	50.00	08/30/11 08:55	ALJ	EPA 3010A / 6010
SW846 6010C	11H6605	NUH3810-04	50.00	50.00	08/30/11 08:55	ALJ	EPA 3010A / 6010
SW846 6010C	11H6605	NUH3810-04	50.00	50.00	08/30/11 08:55	ALJ	EPA 3010A / 6010

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
General Chemistry Parameters						
11H6955-BLK1						
Chloride	<0.500		mg/L	11H6955	11H6955-BLK1	08/30/11 18:35
11H6963-BLK1						
Sulfate	0.520		mg/L	11H6963	11H6963-BLK1	08/30/11 15:39
11H7329-BLK1						
Alkalinity, Total (CaCO3)	<5.00		mg/L	11H7329	11H7329-BLK1	09/01/11 02:58
Methane, Ethane, and Ethene by GC						
11H6675-BLK1						
Methane	<15.0		ug/L	11H6675	11H6675-BLK1	08/31/11 12:33
Surrogate: Acetylene	110%			11H6675	11H6675-BLK1	08/31/11 12:33
11H7049-BLK1						
Ethane	<14.0		ug/L	11H7049	11H7049-BLK1	08/31/11 12:28
Ethene	<11.0		ug/L	11H7049	11H7049-BLK1	08/31/11 12:28
Surrogate: Acetylene	76%			11H7049	11H7049-BLK1	08/31/11 12:28
Total Metals by EPA 6010C						
11H6605-BLK1						
Iron	<0.0250		mg/L	11H6605	11H6605-BLK1	08/30/11 20:22
Manganese	<0.00750		mg/L	11H6605	11H6605-BLK1	08/30/11 20:22
Dissolved Metals by Method 6010C						
11H6611-BLK1						
Iron	0.0359		mg/L	11H6611	11H6611-BLK1	08/31/11 00:53
Manganese	<0.00750		mg/L	11H6611	11H6611-BLK1	08/31/11 00:53
Volatile Organic Compounds by EPA Method 8260B						
11H7152-BLK1						
Acetone	<5.00		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Tert-Amyl Methyl Ether	<0.170		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Benzene	<0.170		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Bromobenzene	<0.170		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Bromochloromethane	<0.240		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Bromodichloromethane	<0.180		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Bromoform	<0.180		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Bromomethane	<0.170		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
2-Butanone	<1.70		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
tert-Butylbenzene	<0.170		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
n-Butylbenzene	<0.180		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
sec-Butylbenzene	<0.170		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11H7152-BLK1						
Carbon disulfide	<0.130		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Carbon Tetrachloride	<0.170		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Chlorobenzene	<0.190		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Chlorodibromomethane	<0.210		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Chloroethane	<0.210		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Chloroform	<0.170		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Chloromethane	<0.300		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
2-Chlorotoluene	<0.140		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
4-Chlorotoluene	<0.170		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
1,2-Dibromo-3-chloropropane	<0.270		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
1,2-Dibromoethane (EDB)	<0.180		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Dibromomethane	<0.160		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
1,2-Dichlorobenzene	<0.130		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
1,3-Dichlorobenzene	<0.140		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
1,4-Dichlorobenzene	<0.150		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Dichlorodifluoromethane	<0.140		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
1,2-Dichloroethane	<0.170		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
1,1-Dichloroethane	<0.170		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
1,1-Dichloroethene	<0.170		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
trans-1,2-Dichloroethene	<0.160		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
cis-1,2-Dichloroethene	<0.150		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
1,3-Dichloropropane	<0.110		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
2,2-Dichloropropane	<0.170		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
1,2-Dichloropropane	<0.180		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
trans-1,3-Dichloropropene	<0.170		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
1,1-Dichloropropene	<0.110		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
cis-1,3-Dichloropropene	<0.150		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Diethyl ether	<0.150		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
1,4-Dioxane	<18.0		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Ethylbenzene	<0.170		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Ethyl tert-Butyl Ether	<0.170		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Hexachlorobutadiene	<0.260		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
2-Hexanone	<0.710		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Isopropylbenzene	<0.170		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Diisopropyl Ether	<0.170		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
p-Isopropyltoluene	<0.170		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Methyl tert-Butyl Ether	<0.170		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Methylene Chloride	<1.67		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
4-Methyl-2-pentanone	<3.30		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Naphthalene	<1.70		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
n-Propylbenzene	<0.170		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11H7152-BLK1						
Styrene	<0.170		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
1,1,2,2-Tetrachloroethane	<0.140		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
1,1,1,2-Tetrachloroethane	<0.180		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Tetrachloroethene	<0.190		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Tetrahydrofuran	<3.30		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Toluene	<0.170		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
1,2,4-Trichlorobenzene	<0.180		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
1,2,3-Trichlorobenzene	<0.250		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
1,1,1-Trichloroethane	<0.170		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
1,1,2-Trichloroethane	<0.150		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Trichloroethene	<0.180		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Trichlorofluoromethane	<0.180		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
1,2,3-Trichloropropane	<0.270		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
1,3,5-Trimethylbenzene	<0.170		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
1,2,4-Trimethylbenzene	<0.170		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Vinyl chloride	<0.170		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Xylenes, total	<0.390		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
1,1,2-Trifluorotrichloroethane	<0.260		ug/L	11H7152	11H7152-BLK1	08/31/11 12:14
Surrogate: 1,2-Dichloroethane-d4	99%			11H7152	11H7152-BLK1	08/31/11 12:14
Surrogate: Dibromofluoromethane	95%			11H7152	11H7152-BLK1	08/31/11 12:14
Surrogate: Toluene-d8	99%			11H7152	11H7152-BLK1	08/31/11 12:14
Surrogate: 4-Bromofluorobenzene	96%			11H7152	11H7152-BLK1	08/31/11 12:14
11H7188-BLK1						
Acetone	<5.00		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Tert-Amyl Methyl Ether	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Benzene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Bromobenzene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Bromochloromethane	<0.240		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Bromodichloromethane	<0.180		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Bromoform	<0.180		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Bromomethane	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
2-Butanone	<1.70		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
tert-Butylbenzene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
n-Butylbenzene	<0.180		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
sec-Butylbenzene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Carbon disulfide	<0.130		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Carbon Tetrachloride	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Chlorobenzene	<0.190		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Chlorodibromomethane	<0.210		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Chloroethane	<0.210		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11H7188-BLK1						
Chloroform	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Chloromethane	<0.300		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
2-Chlorotoluene	<0.140		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
4-Chlorotoluene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,2-Dibromo-3-chloropropane	<0.270		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,2-Dibromoethane (EDB)	<0.180		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Dibromomethane	<0.160		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,2-Dichlorobenzene	<0.130		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,3-Dichlorobenzene	<0.140		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,4-Dichlorobenzene	<0.150		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Dichlorodifluoromethane	<0.140		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,2-Dichloroethane	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,1-Dichloroethane	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,1-Dichloroethene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
trans-1,2-Dichloroethene	<0.160		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
cis-1,2-Dichloroethene	<0.150		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,3-Dichloropropane	<0.110		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
2,2-Dichloropropane	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,2-Dichloropropane	<0.180		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
trans-1,3-Dichloropropene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,1-Dichloropropene	<0.110		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
cis-1,3-Dichloropropene	<0.150		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Diethyl ether	<0.150		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,4-Dioxane	<18.0		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Ethylbenzene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Ethyl tert-Butyl Ether	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Hexachlorobutadiene	<0.260		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
2-Hexanone	<0.710		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Isopropylbenzene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Diisopropyl Ether	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
p-Isopropyltoluene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Methyl tert-Butyl Ether	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Methylene Chloride	<1.67		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
4-Methyl-2-pentanone	<3.30		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Naphthalene	<1.70		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
n-Propylbenzene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Styrene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,1,2,2-Tetrachloroethane	<0.140		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,1,1,2-Tetrachloroethane	<0.180		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Tetrachloroethene	<0.190		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Tetrahydrofuran	<3.30		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11H7188-BLK1						
Toluene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,2,4-Trichlorobenzene	<0.180		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,2,3-Trichlorobenzene	<0.250		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,1,1-Trichloroethane	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,1,2-Trichloroethane	<0.150		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Trichloroethene	<0.180		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Trichlorofluoromethane	<0.180		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,2,3-Trichloropropane	<0.270		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,3,5-Trimethylbenzene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,2,4-Trimethylbenzene	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Vinyl chloride	<0.170		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Xylenes, total	<0.390		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
1,1,2-Trifluorotrichloroethane	<0.260		ug/L	11H7188	11H7188-BLK1	08/29/11 22:30
Surrogate: 1,2-Dichloroethane-d4	94%			11H7188	11H7188-BLK1	08/29/11 22:30
Surrogate: Dibromofluoromethane	102%			11H7188	11H7188-BLK1	08/29/11 22:30
Surrogate: Toluene-d8	101%			11H7188	11H7188-BLK1	08/29/11 22:30
Surrogate: 4-Bromofluorobenzene	94%			11H7188	11H7188-BLK1	08/29/11 22:30
11I0410-BLK1						
Acetone	<10.0		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Tert-Amyl Methyl Ether	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Benzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Bromobenzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Bromochloromethane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Bromodichloromethane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Bromoform	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Bromomethane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
2-Butanone	<10.0		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
tert-Butylbenzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
n-Butylbenzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
sec-Butylbenzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Carbon disulfide	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Carbon Tetrachloride	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Chlorobenzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Chlorodibromomethane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Chloroethane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Chloroform	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Chloromethane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
2-Chlorotoluene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
4-Chlorotoluene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,2-Dibromo-3-chloropropane	<2.00		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11I0410-BLK1						
1,2-Dibromoethane (EDB)	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Dibromomethane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,2-Dichlorobenzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,3-Dichlorobenzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,4-Dichlorobenzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Dichlorodifluoromethane	<0.600		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,2-Dichloroethane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,1-Dichloroethane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,1-Dichloroethene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
trans-1,2-Dichloroethene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
cis-1,2-Dichloroethene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,3-Dichloropropane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
2,2-Dichloropropane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,2-Dichloropropane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
trans-1,3-Dichloropropene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,1-Dichloropropene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
cis-1,3-Dichloropropene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Diethyl ether	<2.00		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,4-Dioxane	<100		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Ethylbenzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Ethyl tert-Butyl Ether	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Hexachlorobutadiene	<1.00		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
2-Hexanone	<5.00		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Isopropylbenzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Diisopropyl Ether	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
p-Isopropyltoluene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Methyl tert-Butyl Ether	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Methylene Chloride	<2.00		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
4-Methyl-2-pentanone	<5.00		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Naphthalene	<2.00		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
n-Propylbenzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Styrene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,1,2,2-Tetrachloroethane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,1,1,2-Tetrachloroethane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Tetrachloroethene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Tetrahydrofuran	<10.0		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Toluene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,2,4-Trichlorobenzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,2,3-Trichlorobenzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,1,1-Trichloroethane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,1,2-Trichloroethane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11I0410-BLK1						
Trichloroethene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Trichlorofluoromethane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,2,3-Trichloropropane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,3,5-Trimethylbenzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,2,4-Trimethylbenzene	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Vinyl chloride	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Xylenes, total	<1.50		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
1,1,2-Trifluorotrichloroethane	<0.500		ug/L	11I0410	11I0410-BLK1	09/01/11 00:21
Surrogate: 1,2-Dichloroethane-d4	95%			11I0410	11I0410-BLK1	09/01/11 00:21
Surrogate: Dibromofluoromethane	98%			11I0410	11I0410-BLK1	09/01/11 00:21
Surrogate: Toluene-d8	100%			11I0410	11I0410-BLK1	09/01/11 00:21
Surrogate: 4-Bromofluorobenzene	96%			11I0410	11I0410-BLK1	09/01/11 00:21

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA

Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	% Rec.	Analyzed Date/Time
General Chemistry Parameters										
11H6955-DUP1										
Chloride	133	133		mg/L	0.4	20	11H6955	NUH3810-04		08/30/11 18:35

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
11H6955-BS1								
11H6963-BS1								
Sulfate	10.0	9.97		mg/L	100%	90 - 110	11H6963	08/30/11 15:39
11H7329-BS1								
Alkalinity, Total (CaCO3)	100	98.8		mg/L	99%	90 - 110	11H7329	09/01/11 03:04
Methane, Ethane, and Ethene by GC								
11H6675-BS1								
Methane	273	268		ug/L	98%	80 - 120	11H6675	08/31/11 12:38
Surrogate: Acetylene	450	467			104%	70 - 122	11H6675	08/31/11 12:38
11H7049-BS1								
Ethane	512	490		ug/L	96%	80 - 120	11H7049	08/31/11 12:33
Ethene	479	455		ug/L	95%	80 - 120	11H7049	08/31/11 12:33
Surrogate: Acetylene	450	444			99%	70 - 122	11H7049	08/31/11 12:33
Total Metals by EPA 6010C								
11H6605-BS1								
Iron	1.00	1.01		mg/L	101%	80 - 120	11H6605	08/30/11 20:25
Manganese	0.500	0.498		mg/L	100%	80 - 120	11H6605	08/30/11 20:25
Dissolved Metals by Method 6010C								
11H6611-BS1								
Iron	1.00	1.09		mg/L	109%	80 - 120	11H6611	08/31/11 00:56
Manganese	0.500	0.521		mg/L	104%	80 - 120	11H6611	08/31/11 00:56
Volatile Organic Compounds by EPA Method 8260B								
11H7152-BS1								
Acetone	250	290		ug/L	116%	70 - 130	11H7152	08/31/11 10:22
Tert-Amyl Methyl Ether	50.0	47.7		ug/L	95%	70 - 130	11H7152	08/31/11 10:22
Benzene	50.0	48.6		ug/L	97%	70 - 130	11H7152	08/31/11 10:22
Bromobenzene	50.0	46.2		ug/L	92%	70 - 130	11H7152	08/31/11 10:22
Bromochloromethane	50.0	44.1		ug/L	88%	70 - 130	11H7152	08/31/11 10:22
Bromodichloromethane	50.0	49.6		ug/L	99%	70 - 130	11H7152	08/31/11 10:22
Bromoform	50.0	56.6		ug/L	113%	70 - 130	11H7152	08/31/11 10:22
Bromomethane	50.0	41.8		ug/L	84%	70 - 130	11H7152	08/31/11 10:22
2-Butanone	250	244		ug/L	98%	70 - 130	11H7152	08/31/11 10:22
tert-Butylbenzene	50.0	47.2		ug/L	94%	70 - 130	11H7152	08/31/11 10:22
n-Butylbenzene	50.0	47.2		ug/L	94%	70 - 130	11H7152	08/31/11 10:22
sec-Butylbenzene	50.0	48.2		ug/L	96%	70 - 130	11H7152	08/31/11 10:22
Carbon disulfide	50.0	40.7		ug/L	81%	70 - 130	11H7152	08/31/11 10:22

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11H7152-BS1								
Carbon Tetrachloride	50.0	50.7		ug/L	101%	70 - 130	11H7152	08/31/11 10:22
Chlorobenzene	50.0	46.6		ug/L	93%	70 - 130	11H7152	08/31/11 10:22
Chlorodibromomethane	50.0	54.3		ug/L	109%	70 - 130	11H7152	08/31/11 10:22
Chloroethane	50.0	43.9		ug/L	88%	70 - 130	11H7152	08/31/11 10:22
Chloroform	50.0	44.1		ug/L	88%	70 - 130	11H7152	08/31/11 10:22
Chloromethane	50.0	44.4		ug/L	89%	70 - 130	11H7152	08/31/11 10:22
2-Chlorotoluene	50.0	45.0		ug/L	90%	70 - 130	11H7152	08/31/11 10:22
4-Chlorotoluene	50.0	45.0		ug/L	90%	70 - 130	11H7152	08/31/11 10:22
1,2-Dibromo-3-chloropropane	50.0	55.0		ug/L	110%	70 - 130	11H7152	08/31/11 10:22
1,2-Dibromoethane (EDB)	50.0	52.8		ug/L	106%	70 - 130	11H7152	08/31/11 10:22
Dibromomethane	50.0	49.6		ug/L	99%	70 - 130	11H7152	08/31/11 10:22
1,2-Dichlorobenzene	50.0	49.8		ug/L	100%	70 - 130	11H7152	08/31/11 10:22
1,3-Dichlorobenzene	50.0	47.4		ug/L	95%	70 - 130	11H7152	08/31/11 10:22
1,4-Dichlorobenzene	50.0	47.8		ug/L	96%	70 - 130	11H7152	08/31/11 10:22
Dichlorodifluoromethane	50.0	49.0		ug/L	98%	70 - 130	11H7152	08/31/11 10:22
1,2-Dichloroethane	50.0	45.1		ug/L	90%	70 - 130	11H7152	08/31/11 10:22
1,1-Dichloroethane	50.0	42.5		ug/L	85%	70 - 130	11H7152	08/31/11 10:22
1,1-Dichloroethene	50.0	45.2		ug/L	90%	70 - 130	11H7152	08/31/11 10:22
trans-1,2-Dichloroethene	50.0	41.3		ug/L	83%	70 - 130	11H7152	08/31/11 10:22
cis-1,2-Dichloroethene	50.0	42.0		ug/L	84%	70 - 130	11H7152	08/31/11 10:22
1,3-Dichloropropane	50.0	48.8		ug/L	98%	70 - 130	11H7152	08/31/11 10:22
2,2-Dichloropropane	50.0	41.8		ug/L	84%	70 - 130	11H7152	08/31/11 10:22
1,2-Dichloropropane	50.0	45.2		ug/L	90%	70 - 130	11H7152	08/31/11 10:22
trans-1,3-Dichloropropene	50.0	48.7		ug/L	97%	70 - 130	11H7152	08/31/11 10:22
1,1-Dichloropropene	50.0	46.4		ug/L	93%	70 - 130	11H7152	08/31/11 10:22
cis-1,3-Dichloropropene	50.0	50.7		ug/L	101%	70 - 130	11H7152	08/31/11 10:22
Diethyl ether	50.0	46.5		ug/L	93%	70 - 130	11H7152	08/31/11 10:22
1,4-Dioxane	5000	5880		ug/L	118%	70 - 130	11H7152	08/31/11 10:22
Ethylbenzene	50.0	47.3		ug/L	95%	70 - 130	11H7152	08/31/11 10:22
Ethyl tert-Butyl Ether	50.0	41.1		ug/L	82%	70 - 130	11H7152	08/31/11 10:22
Hexachlorobutadiene	50.0	39.9		ug/L	80%	70 - 130	11H7152	08/31/11 10:22
2-Hexanone	250	283		ug/L	113%	70 - 130	11H7152	08/31/11 10:22
Isopropylbenzene	50.0	51.7		ug/L	103%	70 - 130	11H7152	08/31/11 10:22
Diisopropyl Ether	50.0	40.6		ug/L	81%	70 - 130	11H7152	08/31/11 10:22
p-Isopropyltoluene	50.0	46.2		ug/L	92%	70 - 130	11H7152	08/31/11 10:22
Methyl tert-Butyl Ether	50.0	45.0		ug/L	90%	70 - 130	11H7152	08/31/11 10:22
Methylene Chloride	50.0	46.6		ug/L	93%	70 - 130	11H7152	08/31/11 10:22
4-Methyl-2-pentanone	250	261		ug/L	104%	70 - 130	11H7152	08/31/11 10:22
Naphthalene	50.0	56.8		ug/L	114%	70 - 130	11H7152	08/31/11 10:22
n-Propylbenzene	50.0	47.3		ug/L	95%	70 - 130	11H7152	08/31/11 10:22
Styrene	50.0	47.5		ug/L	95%	70 - 130	11H7152	08/31/11 10:22

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11H7152-BS1								
1,1,2,2-Tetrachloroethane	50.0	53.2		ug/L	106%	70 - 130	11H7152	08/31/11 10:22
1,1,1,2-Tetrachloroethane	50.0	49.6		ug/L	99%	70 - 130	11H7152	08/31/11 10:22
Tetrachloroethene	50.0	48.2		ug/L	96%	70 - 130	11H7152	08/31/11 10:22
Tetrahydrofuran	500	460		ug/L	92%	70 - 130	11H7152	08/31/11 10:22
Toluene	50.0	47.6		ug/L	95%	70 - 130	11H7152	08/31/11 10:22
1,2,4-Trichlorobenzene	50.0	55.1		ug/L	110%	70 - 130	11H7152	08/31/11 10:22
1,2,3-Trichlorobenzene	50.0	57.5		ug/L	115%	70 - 130	11H7152	08/31/11 10:22
1,1,1-Trichloroethane	50.0	49.0		ug/L	98%	70 - 130	11H7152	08/31/11 10:22
1,1,2-Trichloroethane	50.0	49.9		ug/L	100%	70 - 130	11H7152	08/31/11 10:22
Trichloroethene	50.0	48.7		ug/L	97%	70 - 130	11H7152	08/31/11 10:22
Trichlorofluoromethane	50.0	46.1		ug/L	92%	70 - 130	11H7152	08/31/11 10:22
1,2,3-Trichloropropane	50.0	50.8		ug/L	102%	70 - 130	11H7152	08/31/11 10:22
1,3,5-Trimethylbenzene	50.0	45.8		ug/L	92%	70 - 130	11H7152	08/31/11 10:22
1,2,4-Trimethylbenzene	50.0	45.9		ug/L	92%	70 - 130	11H7152	08/31/11 10:22
Vinyl chloride	50.0	47.7		ug/L	95%	70 - 130	11H7152	08/31/11 10:22
Xylenes, total	150	139		ug/L	93%	70 - 130	11H7152	08/31/11 10:22
1,1,2-Trifluorotrichloroethane	50.0	47.3		ug/L	95%	70 - 130	11H7152	08/31/11 10:22
Surrogate: 1,2-Dichloroethane-d4	25.0	23.8			95%	70 - 130	11H7152	08/31/11 10:22
Surrogate: Dibromofluoromethane	25.0	26.0			104%	70 - 130	11H7152	08/31/11 10:22
Surrogate: Toluene-d8	25.0	24.7			99%	70 - 130	11H7152	08/31/11 10:22
Surrogate: 4-Bromofluorobenzene	25.0	24.3			97%	70 - 130	11H7152	08/31/11 10:22
11H7188-BS1								
Acetone	250	231		ug/L	92%	70 - 130	11H7188	08/29/11 20:39
Tert-Amyl Methyl Ether	50.0	47.1		ug/L	94%	70 - 130	11H7188	08/29/11 20:39
Benzene	50.0	51.7		ug/L	103%	70 - 130	11H7188	08/29/11 20:39
Bromobenzene	50.0	49.7		ug/L	99%	70 - 130	11H7188	08/29/11 20:39
Bromochloromethane	50.0	50.4		ug/L	101%	70 - 130	11H7188	08/29/11 20:39
Bromodichloromethane	50.0	50.8		ug/L	102%	70 - 130	11H7188	08/29/11 20:39
Bromoform	50.0	55.3		ug/L	111%	70 - 130	11H7188	08/29/11 20:39
Bromomethane	50.0	45.5		ug/L	91%	70 - 130	11H7188	08/29/11 20:39
2-Butanone	250	222		ug/L	89%	70 - 130	11H7188	08/29/11 20:39
tert-Butylbenzene	50.0	51.9		ug/L	104%	70 - 130	11H7188	08/29/11 20:39
n-Butylbenzene	50.0	53.1		ug/L	106%	70 - 130	11H7188	08/29/11 20:39
sec-Butylbenzene	50.0	53.1		ug/L	106%	70 - 130	11H7188	08/29/11 20:39
Carbon disulfide	50.0	43.0		ug/L	86%	70 - 130	11H7188	08/29/11 20:39
Carbon Tetrachloride	50.0	54.6		ug/L	109%	70 - 130	11H7188	08/29/11 20:39
Chlorobenzene	50.0	50.4		ug/L	101%	70 - 130	11H7188	08/29/11 20:39
Chlorodibromomethane	50.0	55.4		ug/L	111%	70 - 130	11H7188	08/29/11 20:39
Chloroethane	50.0	45.7		ug/L	91%	70 - 130	11H7188	08/29/11 20:39
Chloroform	50.0	51.5		ug/L	103%	70 - 130	11H7188	08/29/11 20:39

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11H7188-BS1								
Chloromethane	50.0	46.2		ug/L	92%	70 - 130	11H7188	08/29/11 20:39
2-Chlorotoluene	50.0	49.4		ug/L	99%	70 - 130	11H7188	08/29/11 20:39
4-Chlorotoluene	50.0	50.1		ug/L	100%	70 - 130	11H7188	08/29/11 20:39
1,2-Dibromo-3-chloropropane	50.0	53.1		ug/L	106%	70 - 130	11H7188	08/29/11 20:39
1,2-Dibromoethane (EDB)	50.0	52.8		ug/L	106%	70 - 130	11H7188	08/29/11 20:39
Dibromomethane	50.0	49.3		ug/L	99%	70 - 130	11H7188	08/29/11 20:39
1,2-Dichlorobenzene	50.0	52.4		ug/L	105%	70 - 130	11H7188	08/29/11 20:39
1,3-Dichlorobenzene	50.0	51.8		ug/L	104%	70 - 130	11H7188	08/29/11 20:39
1,4-Dichlorobenzene	50.0	51.7		ug/L	103%	70 - 130	11H7188	08/29/11 20:39
Dichlorodifluoromethane	50.0	46.3		ug/L	93%	70 - 130	11H7188	08/29/11 20:39
1,2-Dichloroethane	50.0	46.1		ug/L	92%	70 - 130	11H7188	08/29/11 20:39
1,1-Dichloroethane	50.0	45.2		ug/L	90%	70 - 130	11H7188	08/29/11 20:39
1,1-Dichloroethene	50.0	48.6		ug/L	97%	70 - 130	11H7188	08/29/11 20:39
trans-1,2-Dichloroethene	50.0	45.2		ug/L	90%	70 - 130	11H7188	08/29/11 20:39
cis-1,2-Dichloroethene	50.0	45.5		ug/L	91%	70 - 130	11H7188	08/29/11 20:39
1,3-Dichloropropane	50.0	48.8		ug/L	98%	70 - 130	11H7188	08/29/11 20:39
2,2-Dichloropropane	50.0	44.5		ug/L	89%	70 - 130	11H7188	08/29/11 20:39
1,2-Dichloropropane	50.0	46.2		ug/L	92%	70 - 130	11H7188	08/29/11 20:39
trans-1,3-Dichloropropene	50.0	50.1		ug/L	100%	70 - 130	11H7188	08/29/11 20:39
1,1-Dichloropropene	50.0	49.9		ug/L	100%	70 - 130	11H7188	08/29/11 20:39
cis-1,3-Dichloropropene	50.0	53.1		ug/L	106%	70 - 130	11H7188	08/29/11 20:39
Diethyl ether	50.0	46.2		ug/L	92%	70 - 130	11H7188	08/29/11 20:39
1,4-Dioxane	5000	5480		ug/L	110%	70 - 130	11H7188	08/29/11 20:39
Ethylbenzene	50.0	51.3		ug/L	103%	70 - 130	11H7188	08/29/11 20:39
Ethyl tert-Butyl Ether	50.0	41.8		ug/L	84%	70 - 130	11H7188	08/29/11 20:39
Hexachlorobutadiene	50.0	45.5		ug/L	91%	70 - 130	11H7188	08/29/11 20:39
2-Hexanone	250	258		ug/L	103%	70 - 130	11H7188	08/29/11 20:39
Isopropylbenzene	50.0	55.4		ug/L	111%	70 - 130	11H7188	08/29/11 20:39
Diisopropyl Ether	50.0	42.2		ug/L	84%	70 - 130	11H7188	08/29/11 20:39
p-Isopropyltoluene	50.0	50.4		ug/L	101%	70 - 130	11H7188	08/29/11 20:39
Methyl tert-Butyl Ether	50.0	44.6		ug/L	89%	70 - 130	11H7188	08/29/11 20:39
Methylene Chloride	50.0	48.0		ug/L	96%	70 - 130	11H7188	08/29/11 20:39
4-Methyl-2-pentanone	250	247		ug/L	99%	70 - 130	11H7188	08/29/11 20:39
Naphthalene	50.0	57.0		ug/L	114%	70 - 130	11H7188	08/29/11 20:39
n-Propylbenzene	50.0	52.5		ug/L	105%	70 - 130	11H7188	08/29/11 20:39
Styrene	50.0	50.3		ug/L	101%	70 - 130	11H7188	08/29/11 20:39
1,1,2,2-Tetrachloroethane	50.0	52.6		ug/L	105%	70 - 130	11H7188	08/29/11 20:39
1,1,1,2-Tetrachloroethane	50.0	51.8		ug/L	104%	70 - 130	11H7188	08/29/11 20:39
Tetrachloroethene	50.0	52.2		ug/L	104%	70 - 130	11H7188	08/29/11 20:39
Tetrahydrofuran	500	471		ug/L	94%	70 - 130	11H7188	08/29/11 20:39
Toluene	50.0	52.0		ug/L	104%	70 - 130	11H7188	08/29/11 20:39

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11H7188-BS1								
1,2,4-Trichlorobenzene	50.0	59.0		ug/L	118%	70 - 130	11H7188	08/29/11 20:39
1,2,3-Trichlorobenzene	50.0	58.6		ug/L	117%	70 - 130	11H7188	08/29/11 20:39
1,1,1-Trichloroethane	50.0	53.6		ug/L	107%	70 - 130	11H7188	08/29/11 20:39
1,1,2-Trichloroethane	50.0	50.4		ug/L	101%	70 - 130	11H7188	08/29/11 20:39
Trichloroethene	50.0	52.7		ug/L	105%	70 - 130	11H7188	08/29/11 20:39
Trichlorofluoromethane	50.0	46.9		ug/L	94%	70 - 130	11H7188	08/29/11 20:39
1,2,3-Trichloropropane	50.0	50.8		ug/L	102%	70 - 130	11H7188	08/29/11 20:39
1,3,5-Trimethylbenzene	50.0	50.8		ug/L	102%	70 - 130	11H7188	08/29/11 20:39
1,2,4-Trimethylbenzene	50.0	50.6		ug/L	101%	70 - 130	11H7188	08/29/11 20:39
Vinyl chloride	50.0	47.9		ug/L	96%	70 - 130	11H7188	08/29/11 20:39
Xylenes, total	150	150		ug/L	100%	70 - 130	11H7188	08/29/11 20:39
1,1,2-Trifluorotrichloroethane	50.0	49.6		ug/L	99%	70 - 130	11H7188	08/29/11 20:39
Surrogate: 1,2-Dichloroethane-d4	25.0	22.9			91%	70 - 130	11H7188	08/29/11 20:39
Surrogate: Dibromofluoromethane	25.0	26.1			104%	70 - 130	11H7188	08/29/11 20:39
Surrogate: Toluene-d8	25.0	25.2			101%	70 - 130	11H7188	08/29/11 20:39
Surrogate: 4-Bromofluorobenzene	25.0	24.3			97%	70 - 130	11H7188	08/29/11 20:39
11I0410-BS1								
Acetone	250	269		ug/L	108%	70 - 130	11I0410	08/31/11 22:29
Tert-Amyl Methyl Ether	50.0	48.5		ug/L	97%	70 - 130	11I0410	08/31/11 22:29
Benzene	50.0	50.5		ug/L	101%	70 - 130	11I0410	08/31/11 22:29
Bromobenzene	50.0	48.4		ug/L	97%	70 - 130	11I0410	08/31/11 22:29
Bromochloromethane	50.0	47.7		ug/L	95%	70 - 130	11I0410	08/31/11 22:29
Bromodichloromethane	50.0	51.8		ug/L	104%	70 - 130	11I0410	08/31/11 22:29
Bromoform	50.0	58.1		ug/L	116%	70 - 130	11I0410	08/31/11 22:29
Bromomethane	50.0	43.8		ug/L	88%	70 - 130	11I0410	08/31/11 22:29
2-Butanone	250	244		ug/L	98%	70 - 130	11I0410	08/31/11 22:29
tert-Butylbenzene	50.0	49.8		ug/L	100%	70 - 130	11I0410	08/31/11 22:29
n-Butylbenzene	50.0	50.6		ug/L	101%	70 - 130	11I0410	08/31/11 22:29
sec-Butylbenzene	50.0	51.0		ug/L	102%	70 - 130	11I0410	08/31/11 22:29
Carbon disulfide	50.0	42.0		ug/L	84%	70 - 130	11I0410	08/31/11 22:29
Carbon Tetrachloride	50.0	48.5		ug/L	97%	70 - 130	11I0410	08/31/11 22:29
Chlorobenzene	50.0	48.6		ug/L	97%	70 - 130	11I0410	08/31/11 22:29
Chlorodibromomethane	50.0	56.6		ug/L	113%	70 - 130	11I0410	08/31/11 22:29
Chloroethane	50.0	44.9		ug/L	90%	70 - 130	11I0410	08/31/11 22:29
Chloroform	50.0	47.0		ug/L	94%	70 - 130	11I0410	08/31/11 22:29
Chloromethane	50.0	44.4		ug/L	89%	70 - 130	11I0410	08/31/11 22:29
2-Chlorotoluene	50.0	47.1		ug/L	94%	70 - 130	11I0410	08/31/11 22:29
4-Chlorotoluene	50.0	47.2		ug/L	94%	70 - 130	11I0410	08/31/11 22:29
1,2-Dibromo-3-chloropropane	50.0	58.1		ug/L	116%	70 - 130	11I0410	08/31/11 22:29
1,2-Dibromoethane (EDB)	50.0	54.3		ug/L	109%	70 - 130	11I0410	08/31/11 22:29

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11I0410-BS1								
Dibromomethane	50.0	52.0		ug/L	104%	70 - 130	11I0410	08/31/11 22:29
1,2-Dichlorobenzene	50.0	52.2		ug/L	104%	70 - 130	11I0410	08/31/11 22:29
1,3-Dichlorobenzene	50.0	50.0		ug/L	100%	70 - 130	11I0410	08/31/11 22:29
1,4-Dichlorobenzene	50.0	50.5		ug/L	101%	70 - 130	11I0410	08/31/11 22:29
Dichlorodifluoromethane	50.0	41.6		ug/L	83%	70 - 130	11I0410	08/31/11 22:29
1,2-Dichloroethane	50.0	45.7		ug/L	91%	70 - 130	11I0410	08/31/11 22:29
1,1-Dichloroethane	50.0	44.8		ug/L	90%	70 - 130	11I0410	08/31/11 22:29
1,1-Dichloroethene	50.0	47.5		ug/L	95%	70 - 130	11I0410	08/31/11 22:29
trans-1,2-Dichloroethene	50.0	43.5		ug/L	87%	70 - 130	11I0410	08/31/11 22:29
cis-1,2-Dichloroethene	50.0	44.0		ug/L	88%	70 - 130	11I0410	08/31/11 22:29
1,3-Dichloropropane	50.0	50.3		ug/L	101%	70 - 130	11I0410	08/31/11 22:29
2,2-Dichloropropane	50.0	40.1		ug/L	80%	70 - 130	11I0410	08/31/11 22:29
1,2-Dichloropropane	50.0	46.5		ug/L	93%	70 - 130	11I0410	08/31/11 22:29
trans-1,3-Dichloropropene	50.0	49.6		ug/L	99%	70 - 130	11I0410	08/31/11 22:29
1,1-Dichloropropene	50.0	44.6		ug/L	89%	70 - 130	11I0410	08/31/11 22:29
cis-1,3-Dichloropropene	50.0	52.0		ug/L	104%	70 - 130	11I0410	08/31/11 22:29
Diethyl ether	50.0	49.4		ug/L	99%	70 - 130	11I0410	08/31/11 22:29
1,4-Dioxane	5000	6300		ug/L	126%	70 - 130	11I0410	08/31/11 22:29
Ethylbenzene	50.0	49.1		ug/L	98%	70 - 130	11I0410	08/31/11 22:29
Ethyl tert-Butyl Ether	50.0	43.3		ug/L	87%	70 - 130	11I0410	08/31/11 22:29
Hexachlorobutadiene	50.0	43.9		ug/L	88%	70 - 130	11I0410	08/31/11 22:29
2-Hexanone	250	285		ug/L	114%	70 - 130	11I0410	08/31/11 22:29
Isopropylbenzene	50.0	53.2		ug/L	106%	70 - 130	11I0410	08/31/11 22:29
Diisopropyl Ether	50.0	42.9		ug/L	86%	70 - 130	11I0410	08/31/11 22:29
p-Isopropyltoluene	50.0	48.3		ug/L	97%	70 - 130	11I0410	08/31/11 22:29
Methyl tert-Butyl Ether	50.0	47.7		ug/L	95%	70 - 130	11I0410	08/31/11 22:29
Methylene Chloride	50.0	48.8		ug/L	98%	70 - 130	11I0410	08/31/11 22:29
4-Methyl-2-pentanone	250	267		ug/L	107%	70 - 130	11I0410	08/31/11 22:29
Naphthalene	50.0	60.0		ug/L	120%	70 - 130	11I0410	08/31/11 22:29
n-Propylbenzene	50.0	50.0		ug/L	100%	70 - 130	11I0410	08/31/11 22:29
Styrene	50.0	48.8		ug/L	98%	70 - 130	11I0410	08/31/11 22:29
1,1,2,2-Tetrachloroethane	50.0	54.3		ug/L	109%	70 - 130	11I0410	08/31/11 22:29
1,1,1,2-Tetrachloroethane	50.0	51.0		ug/L	102%	70 - 130	11I0410	08/31/11 22:29
Tetrachloroethene	50.0	50.2		ug/L	100%	70 - 130	11I0410	08/31/11 22:29
Tetrahydrofuran	500	479		ug/L	96%	70 - 130	11I0410	08/31/11 22:29
Toluene	50.0	49.7		ug/L	99%	70 - 130	11I0410	08/31/11 22:29
1,2,4-Trichlorobenzene	50.0	59.6		ug/L	119%	70 - 130	11I0410	08/31/11 22:29
1,2,3-Trichlorobenzene	50.0	61.0		ug/L	122%	70 - 130	11I0410	08/31/11 22:29
1,1,1-Trichloroethane	50.0	47.3		ug/L	95%	70 - 130	11I0410	08/31/11 22:29
1,1,2-Trichloroethane	50.0	51.4		ug/L	103%	70 - 130	11I0410	08/31/11 22:29
Trichloroethene	50.0	52.2		ug/L	104%	70 - 130	11I0410	08/31/11 22:29

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11I0410-BS1								
Trichlorofluoromethane	50.0	46.0		ug/L	92%	70 - 130	11I0410	08/31/11 22:29
1,2,3-Trichloropropane	50.0	53.8		ug/L	108%	70 - 130	11I0410	08/31/11 22:29
1,3,5-Trimethylbenzene	50.0	48.5		ug/L	97%	70 - 130	11I0410	08/31/11 22:29
1,2,4-Trimethylbenzene	50.0	47.9		ug/L	96%	70 - 130	11I0410	08/31/11 22:29
Vinyl chloride	50.0	46.2		ug/L	92%	70 - 130	11I0410	08/31/11 22:29
Xylenes, total	150	143		ug/L	95%	70 - 130	11I0410	08/31/11 22:29
1,1,2-Trifluorotrichloroethane	50.0	50.0		ug/L	100%	70 - 130	11I0410	08/31/11 22:29
Surrogate: 1,2-Dichloroethane-d4	25.0	23.2			93%	70 - 130	11I0410	08/31/11 22:29
Surrogate: Dibromofluoromethane	25.0	24.0			96%	70 - 130	11I0410	08/31/11 22:29
Surrogate: Toluene-d8	25.0	24.7			99%	70 - 130	11I0410	08/31/11 22:29
Surrogate: 4-Bromofluorobenzene	25.0	24.1			96%	70 - 130	11I0410	08/31/11 22:29

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Methane, Ethane, and Ethene by GC												
11H6675-BSD1												
Methane		270		ug/L	273	99%	80 - 120	0.5	20	11H6675		08/31/11 12:42
Surrogate: Acetylene		448		ug/L	450	100%	70 - 122			11H6675		08/31/11 12:42
11H7049-BSD1												
Ethane		461		ug/L	512	90%	80 - 120	6	20	11H7049		08/31/11 12:35
Ethene		428		ug/L	479	89%	80 - 120	6	20	11H7049		08/31/11 12:35
Surrogate: Acetylene		402		ug/L	450	89%	70 - 122			11H7049		08/31/11 12:35
Total Metals by EPA 6010C												
11H6605-BSD1												
Iron		1.04		mg/L	1.00	104%	80 - 120	4	20	11H6605		08/30/11 20:28
Manganese		0.512		mg/L	0.500	102%	80 - 120	3	20	11H6605		08/30/11 20:28
Dissolved Metals by Method 6010C												
11H6611-BSD1												
Iron		1.05		mg/L	1.00	105%	80 - 120	4	20	11H6611		08/31/11 01:00
Manganese		0.508		mg/L	0.500	102%	80 - 120	2	20	11H6611		08/31/11 01:00
Volatile Organic Compounds by EPA Method 8260B												
11H7152-BSD1												
Acetone		332	L	ug/L	250	133%	70 - 130	13	20	11H7152		08/31/11 10:49
Tert-Amyl Methyl Ether		49.8		ug/L	50.0	100%	70 - 130	4	20	11H7152		08/31/11 10:49
Benzene		49.6		ug/L	50.0	99%	70 - 130	2	20	11H7152		08/31/11 10:49
Bromobenzene		47.3		ug/L	50.0	95%	70 - 130	2	20	11H7152		08/31/11 10:49
Bromochloromethane		45.4		ug/L	50.0	91%	70 - 130	3	20	11H7152		08/31/11 10:49
Bromodichloromethane		50.1		ug/L	50.0	100%	70 - 130	1	20	11H7152		08/31/11 10:49
Bromoform		57.5		ug/L	50.0	115%	70 - 130	2	20	11H7152		08/31/11 10:49
Bromomethane		42.6		ug/L	50.0	85%	70 - 130	2	20	11H7152		08/31/11 10:49
2-Butanone		256		ug/L	250	103%	70 - 130	5	20	11H7152		08/31/11 10:49
tert-Butylbenzene		47.8		ug/L	50.0	96%	70 - 130	1	20	11H7152		08/31/11 10:49
n-Butylbenzene		46.9		ug/L	50.0	94%	70 - 130	0.6	20	11H7152		08/31/11 10:49
sec-Butylbenzene		48.2		ug/L	50.0	96%	70 - 130	0	20	11H7152		08/31/11 10:49
Carbon disulfide		39.6		ug/L	50.0	79%	70 - 130	3	20	11H7152		08/31/11 10:49
Carbon Tetrachloride		52.0		ug/L	50.0	104%	70 - 130	3	20	11H7152		08/31/11 10:49
Chlorobenzene		47.0		ug/L	50.0	94%	70 - 130	0.9	20	11H7152		08/31/11 10:49
Chlorodibromomethane		55.7		ug/L	50.0	111%	70 - 130	3	20	11H7152		08/31/11 10:49
Chloroethane		44.4		ug/L	50.0	89%	70 - 130	1	20	11H7152		08/31/11 10:49
Chloroform		45.9		ug/L	50.0	92%	70 - 130	4	20	11H7152		08/31/11 10:49
Chloromethane		44.4		ug/L	50.0	89%	70 - 130	0.1	20	11H7152		08/31/11 10:49
2-Chlorotoluene		45.5		ug/L	50.0	91%	70 - 130	1	20	11H7152		08/31/11 10:49
4-Chlorotoluene		46.1		ug/L	50.0	92%	70 - 130	2	20	11H7152		08/31/11 10:49

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11H7152-BSD1												
1,2-Dibromo-3-chloropropane		56.8		ug/L	50.0	114%	70 - 130	3	20	11H7152		08/31/11 10:49
1,2-Dibromoethane (EDB)		53.4		ug/L	50.0	107%	70 - 130	1	20	11H7152		08/31/11 10:49
Dibromomethane		51.2		ug/L	50.0	102%	70 - 130	3	20	11H7152		08/31/11 10:49
1,2-Dichlorobenzene		50.8		ug/L	50.0	102%	70 - 130	2	20	11H7152		08/31/11 10:49
1,3-Dichlorobenzene		47.7		ug/L	50.0	95%	70 - 130	0.5	20	11H7152		08/31/11 10:49
1,4-Dichlorobenzene		48.3		ug/L	50.0	97%	70 - 130	1	20	11H7152		08/31/11 10:49
Dichlorodifluoromethane		49.2		ug/L	50.0	98%	70 - 130	0.4	20	11H7152		08/31/11 10:49
1,2-Dichloroethane		46.2		ug/L	50.0	92%	70 - 130	3	20	11H7152		08/31/11 10:49
1,1-Dichloroethane		42.8		ug/L	50.0	86%	70 - 130	0.7	20	11H7152		08/31/11 10:49
1,1-Dichloroethene		46.5		ug/L	50.0	93%	70 - 130	3	20	11H7152		08/31/11 10:49
trans-1,2-Dichloroethene		41.7		ug/L	50.0	83%	70 - 130	1	20	11H7152		08/31/11 10:49
cis-1,2-Dichloroethene		42.8		ug/L	50.0	86%	70 - 130	2	20	11H7152		08/31/11 10:49
1,3-Dichloropropane		49.2		ug/L	50.0	98%	70 - 130	0.9	20	11H7152		08/31/11 10:49
2,2-Dichloropropane		42.3		ug/L	50.0	85%	70 - 130	1	20	11H7152		08/31/11 10:49
1,2-Dichloropropane		46.0		ug/L	50.0	92%	70 - 130	2	20	11H7152		08/31/11 10:49
trans-1,3-Dichloropropene		49.7		ug/L	50.0	99%	70 - 130	2	20	11H7152		08/31/11 10:49
1,1-Dichloropropene		47.4		ug/L	50.0	95%	70 - 130	2	20	11H7152		08/31/11 10:49
cis-1,3-Dichloropropene		51.7		ug/L	50.0	103%	70 - 130	2	20	11H7152		08/31/11 10:49
Diethyl ether		49.0		ug/L	50.0	98%	70 - 130	5	20	11H7152		08/31/11 10:49
1,4-Dioxane		5990		ug/L	5000	120%	70 - 130	2	20	11H7152		08/31/11 10:49
Ethylbenzene		47.3		ug/L	50.0	95%	70 - 130	0.1	20	11H7152		08/31/11 10:49
Ethyl tert-Butyl Ether		42.8		ug/L	50.0	86%	70 - 130	4	20	11H7152		08/31/11 10:49
Hexachlorobutadiene		38.8		ug/L	50.0	78%	70 - 130	3	20	11H7152		08/31/11 10:49
2-Hexanone		305		ug/L	250	122%	70 - 130	7	20	11H7152		08/31/11 10:49
Isopropylbenzene		50.9		ug/L	50.0	102%	70 - 130	1	20	11H7152		08/31/11 10:49
Diisopropyl Ether		41.9		ug/L	50.0	84%	70 - 130	3	20	11H7152		08/31/11 10:49
p-Isopropyltoluene		45.8		ug/L	50.0	92%	70 - 130	1	20	11H7152		08/31/11 10:49
Methyl tert-Butyl Ether		47.3		ug/L	50.0	95%	70 - 130	5	20	11H7152		08/31/11 10:49
Methylene Chloride		46.4		ug/L	50.0	93%	70 - 130	0.3	20	11H7152		08/31/11 10:49
4-Methyl-2-pentanone		274		ug/L	250	110%	70 - 130	5	20	11H7152		08/31/11 10:49
Naphthalene		59.4		ug/L	50.0	119%	70 - 130	5	20	11H7152		08/31/11 10:49
n-Propylbenzene		48.3		ug/L	50.0	97%	70 - 130	2	20	11H7152		08/31/11 10:49
Styrene		46.9		ug/L	50.0	94%	70 - 130	1	20	11H7152		08/31/11 10:49
1,1,2,2-Tetrachloroethane		55.1		ug/L	50.0	110%	70 - 130	3	20	11H7152		08/31/11 10:49
1,1,1,2-Tetrachloroethane		49.5		ug/L	50.0	99%	70 - 130	0.3	20	11H7152		08/31/11 10:49
Tetrachloroethene		48.6		ug/L	50.0	97%	70 - 130	0.8	20	11H7152		08/31/11 10:49
Tetrahydrofuran		484		ug/L	500	97%	70 - 130	5	20	11H7152		08/31/11 10:49
Toluene		48.4		ug/L	50.0	97%	70 - 130	2	20	11H7152		08/31/11 10:49
1,2,4-Trichlorobenzene		54.9		ug/L	50.0	110%	70 - 130	0.5	20	11H7152		08/31/11 10:49
1,2,3-Trichlorobenzene		57.5		ug/L	50.0	115%	70 - 130	0.1	20	11H7152		08/31/11 10:49
1,1,1-Trichloroethane		50.2		ug/L	50.0	100%	70 - 130	3	20	11H7152		08/31/11 10:49

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11H7152-BSD1												
1,1,2-Trichloroethane		51.3		ug/L	50.0	103%	70 - 130	3	20	11H7152		08/31/11 10:49
Trichloroethene		49.9		ug/L	50.0	100%	70 - 130	2	20	11H7152		08/31/11 10:49
Trichlorofluoromethane		46.0		ug/L	50.0	92%	70 - 130	0.4	20	11H7152		08/31/11 10:49
1,2,3-Trichloropropane		53.7		ug/L	50.0	107%	70 - 130	6	20	11H7152		08/31/11 10:49
1,3,5-Trimethylbenzene		46.5		ug/L	50.0	93%	70 - 130	2	20	11H7152		08/31/11 10:49
1,2,4-Trimethylbenzene		46.4		ug/L	50.0	93%	70 - 130	1	20	11H7152		08/31/11 10:49
Vinyl chloride		47.4		ug/L	50.0	95%	70 - 130	0.6	20	11H7152		08/31/11 10:49
Xylenes, total		138		ug/L	150	92%	70 - 130	0.7	20	11H7152		08/31/11 10:49
1,1,2-Trifluorotrichloroethane		48.4		ug/L	50.0	97%	70 - 130	2	20	11H7152		08/31/11 10:49
Surrogate: 1,2-Dichloroethane-d4		24.1		ug/L	25.0	96%	70 - 130			11H7152		08/31/11 10:49
Surrogate: Dibromofluoromethane		25.8		ug/L	25.0	103%	70 - 130			11H7152		08/31/11 10:49
Surrogate: Toluene-d8		24.8		ug/L	25.0	99%	70 - 130			11H7152		08/31/11 10:49
Surrogate: 4-Bromofluorobenzene		24.6		ug/L	25.0	98%	70 - 130			11H7152		08/31/11 10:49
11H7188-BSD1												
Acetone		248		ug/L	250	99%	70 - 130	7	20	11H7188		08/29/11 21:07
Tert-Amyl Methyl Ether		46.5		ug/L	50.0	93%	70 - 130	1	20	11H7188		08/29/11 21:07
Benzene		50.2		ug/L	50.0	100%	70 - 130	3	20	11H7188		08/29/11 21:07
Bromobenzene		49.0		ug/L	50.0	98%	70 - 130	1	20	11H7188		08/29/11 21:07
Bromochloromethane		50.2		ug/L	50.0	100%	70 - 130	0.5	20	11H7188		08/29/11 21:07
Bromodichloromethane		49.7		ug/L	50.0	99%	70 - 130	2	20	11H7188		08/29/11 21:07
Bromoform		54.1		ug/L	50.0	108%	70 - 130	2	20	11H7188		08/29/11 21:07
Bromomethane		44.1		ug/L	50.0	88%	70 - 130	3	20	11H7188		08/29/11 21:07
2-Butanone		220		ug/L	250	88%	70 - 130	0.6	20	11H7188		08/29/11 21:07
tert-Butylbenzene		50.3		ug/L	50.0	101%	70 - 130	3	20	11H7188		08/29/11 21:07
n-Butylbenzene		51.5		ug/L	50.0	103%	70 - 130	3	20	11H7188		08/29/11 21:07
sec-Butylbenzene		51.4		ug/L	50.0	103%	70 - 130	3	20	11H7188		08/29/11 21:07
Carbon disulfide		41.2		ug/L	50.0	82%	70 - 130	4	20	11H7188		08/29/11 21:07
Carbon Tetrachloride		52.6		ug/L	50.0	105%	70 - 130	4	20	11H7188		08/29/11 21:07
Chlorobenzene		48.8		ug/L	50.0	98%	70 - 130	3	20	11H7188		08/29/11 21:07
Chlorodibromomethane		54.2		ug/L	50.0	108%	70 - 130	2	20	11H7188		08/29/11 21:07
Chloroethane		44.1		ug/L	50.0	88%	70 - 130	4	20	11H7188		08/29/11 21:07
Chloroform		50.1		ug/L	50.0	100%	70 - 130	3	20	11H7188		08/29/11 21:07
Chloromethane		44.0		ug/L	50.0	88%	70 - 130	5	20	11H7188		08/29/11 21:07
2-Chlorotoluene		48.3		ug/L	50.0	97%	70 - 130	2	20	11H7188		08/29/11 21:07
4-Chlorotoluene		49.3		ug/L	50.0	99%	70 - 130	2	20	11H7188		08/29/11 21:07
1,2-Dibromo-3-chloropropane		52.3		ug/L	50.0	105%	70 - 130	2	20	11H7188		08/29/11 21:07
1,2-Dibromoethane (EDB)		51.4		ug/L	50.0	103%	70 - 130	3	20	11H7188		08/29/11 21:07
Dibromomethane		48.8		ug/L	50.0	98%	70 - 130	1	20	11H7188		08/29/11 21:07
1,2-Dichlorobenzene		52.3		ug/L	50.0	105%	70 - 130	0.1	20	11H7188		08/29/11 21:07
1,3-Dichlorobenzene		50.8		ug/L	50.0	102%	70 - 130	2	20	11H7188		08/29/11 21:07

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11H7188-BSD1												
1,4-Dichlorobenzene		51.1		ug/L	50.0	102%	70 - 130	1	20	11H7188		08/29/11 21:07
Dichlorodifluoromethane		44.0		ug/L	50.0	88%	70 - 130	5	20	11H7188		08/29/11 21:07
1,2-Dichloroethane		45.5		ug/L	50.0	91%	70 - 130	1	20	11H7188		08/29/11 21:07
1,1-Dichloroethane		43.5		ug/L	50.0	87%	70 - 130	4	20	11H7188		08/29/11 21:07
1,1-Dichloroethene		46.2		ug/L	50.0	92%	70 - 130	5	20	11H7188		08/29/11 21:07
trans-1,2-Dichloroethene		42.9		ug/L	50.0	86%	70 - 130	5	20	11H7188		08/29/11 21:07
cis-1,2-Dichloroethene		44.2		ug/L	50.0	88%	70 - 130	3	20	11H7188		08/29/11 21:07
1,3-Dichloropropane		47.6		ug/L	50.0	95%	70 - 130	3	20	11H7188		08/29/11 21:07
2,2-Dichloropropane		42.8		ug/L	50.0	86%	70 - 130	4	20	11H7188		08/29/11 21:07
1,2-Dichloropropane		44.7		ug/L	50.0	89%	70 - 130	3	20	11H7188		08/29/11 21:07
trans-1,3-Dichloropropene		49.0		ug/L	50.0	98%	70 - 130	2	20	11H7188		08/29/11 21:07
1,1-Dichloropropene		48.4		ug/L	50.0	97%	70 - 130	3	20	11H7188		08/29/11 21:07
cis-1,3-Dichloropropene		51.6		ug/L	50.0	103%	70 - 130	3	20	11H7188		08/29/11 21:07
Diethyl ether		45.6		ug/L	50.0	91%	70 - 130	1	20	11H7188		08/29/11 21:07
1,4-Dioxane		5490		ug/L	5000	110%	70 - 130	0.2	20	11H7188		08/29/11 21:07
Ethylbenzene		49.3		ug/L	50.0	99%	70 - 130	4	20	11H7188		08/29/11 21:07
Ethyl tert-Butyl Ether		41.2		ug/L	50.0	82%	70 - 130	1	20	11H7188		08/29/11 21:07
Hexachlorobutadiene		43.5		ug/L	50.0	87%	70 - 130	4	20	11H7188		08/29/11 21:07
2-Hexanone		258		ug/L	250	103%	70 - 130	0.1	20	11H7188		08/29/11 21:07
Isopropylbenzene		53.0		ug/L	50.0	106%	70 - 130	5	20	11H7188		08/29/11 21:07
Diisopropyl Ether		41.5		ug/L	50.0	83%	70 - 130	2	20	11H7188		08/29/11 21:07
p-Isopropyltoluene		49.5		ug/L	50.0	99%	70 - 130	2	20	11H7188		08/29/11 21:07
Methyl tert-Butyl Ether		43.6		ug/L	50.0	87%	70 - 130	2	20	11H7188		08/29/11 21:07
Methylene Chloride		46.2		ug/L	50.0	92%	70 - 130	4	20	11H7188		08/29/11 21:07
4-Methyl-2-pentanone		243		ug/L	250	97%	70 - 130	1	20	11H7188		08/29/11 21:07
Naphthalene		56.3		ug/L	50.0	113%	70 - 130	1	20	11H7188		08/29/11 21:07
n-Propylbenzene		51.1		ug/L	50.0	102%	70 - 130	3	20	11H7188		08/29/11 21:07
Styrene		48.6		ug/L	50.0	97%	70 - 130	3	20	11H7188		08/29/11 21:07
1,1,2,2-Tetrachloroethane		51.2		ug/L	50.0	102%	70 - 130	3	20	11H7188		08/29/11 21:07
1,1,1,2-Tetrachloroethane		50.4		ug/L	50.0	101%	70 - 130	3	20	11H7188		08/29/11 21:07
Tetrachloroethene		49.9		ug/L	50.0	100%	70 - 130	4	20	11H7188		08/29/11 21:07
Tetrahydrofuran		464		ug/L	500	93%	70 - 130	2	20	11H7188		08/29/11 21:07
Toluene		49.7		ug/L	50.0	99%	70 - 130	4	20	11H7188		08/29/11 21:07
1,2,4-Trichlorobenzene		58.3		ug/L	50.0	117%	70 - 130	1	20	11H7188		08/29/11 21:07
1,2,3-Trichlorobenzene		58.5		ug/L	50.0	117%	70 - 130	0.1	20	11H7188		08/29/11 21:07
1,1,1-Trichloroethane		51.5		ug/L	50.0	103%	70 - 130	4	20	11H7188		08/29/11 21:07
1,1,2-Trichloroethane		48.8		ug/L	50.0	98%	70 - 130	3	20	11H7188		08/29/11 21:07
Trichloroethene		50.8		ug/L	50.0	102%	70 - 130	4	20	11H7188		08/29/11 21:07
Trichlorofluoromethane		44.8		ug/L	50.0	90%	70 - 130	4	20	11H7188		08/29/11 21:07
1,2,3-Trichloropropane		49.9		ug/L	50.0	100%	70 - 130	2	20	11H7188		08/29/11 21:07
1,3,5-Trimethylbenzene		49.9		ug/L	50.0	100%	70 - 130	2	20	11H7188		08/29/11 21:07

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11H7188-BSD1												
1,2,4-Trimethylbenzene		49.4		ug/L	50.0	99%	70 - 130	2	20	11H7188		08/29/11 21:07
Vinyl chloride		45.4		ug/L	50.0	91%	70 - 130	5	20	11H7188		08/29/11 21:07
Xylenes, total		144		ug/L	150	96%	70 - 130	4	20	11H7188		08/29/11 21:07
1,1,2-Trifluorotrichloroethane		47.6		ug/L	50.0	95%	70 - 130	4	20	11H7188		08/29/11 21:07
Surrogate: 1,2-Dichloroethane-d4		23.1		ug/L	25.0	92%	70 - 130			11H7188		08/29/11 21:07
Surrogate: Dibromofluoromethane		25.7		ug/L	25.0	103%	70 - 130			11H7188		08/29/11 21:07
Surrogate: Toluene-d8		25.0		ug/L	25.0	100%	70 - 130			11H7188		08/29/11 21:07
Surrogate: 4-Bromofluorobenzene		24.5		ug/L	25.0	98%	70 - 130			11H7188		08/29/11 21:07
11I0410-BSD1												
Acetone		309		ug/L	250	123%	70 - 130	14	20	11I0410		08/31/11 22:57
Tert-Amyl Methyl Ether		46.7		ug/L	50.0	93%	70 - 130	4	20	11I0410		08/31/11 22:57
Benzene		51.0		ug/L	50.0	102%	70 - 130	1	20	11I0410		08/31/11 22:57
Bromobenzene		48.3		ug/L	50.0	97%	70 - 130	0.2	20	11I0410		08/31/11 22:57
Bromochloromethane		49.4		ug/L	50.0	99%	70 - 130	4	20	11I0410		08/31/11 22:57
Bromodichloromethane		51.1		ug/L	50.0	102%	70 - 130	1	20	11I0410		08/31/11 22:57
Bromoform		58.4		ug/L	50.0	117%	70 - 130	0.4	20	11I0410		08/31/11 22:57
Bromomethane		47.3		ug/L	50.0	95%	70 - 130	8	20	11I0410		08/31/11 22:57
2-Butanone		241		ug/L	250	97%	70 - 130	1	20	11I0410		08/31/11 22:57
tert-Butylbenzene		50.4		ug/L	50.0	101%	70 - 130	1	20	11I0410		08/31/11 22:57
n-Butylbenzene		50.3		ug/L	50.0	101%	70 - 130	0.7	20	11I0410		08/31/11 22:57
sec-Butylbenzene		51.1		ug/L	50.0	102%	70 - 130	0.3	20	11I0410		08/31/11 22:57
Carbon disulfide		46.2		ug/L	50.0	92%	70 - 130	9	20	11I0410		08/31/11 22:57
Carbon Tetrachloride		51.8		ug/L	50.0	104%	70 - 130	7	20	11I0410		08/31/11 22:57
Chlorobenzene		49.4		ug/L	50.0	99%	70 - 130	2	20	11I0410		08/31/11 22:57
Chlorodibromomethane		54.8		ug/L	50.0	110%	70 - 130	3	20	11I0410		08/31/11 22:57
Chloroethane		47.7		ug/L	50.0	95%	70 - 130	6	20	11I0410		08/31/11 22:57
Chloroform		46.5		ug/L	50.0	93%	70 - 130	1	20	11I0410		08/31/11 22:57
Chloromethane		48.4		ug/L	50.0	97%	70 - 130	9	20	11I0410		08/31/11 22:57
2-Chlorotoluene		47.0		ug/L	50.0	94%	70 - 130	0.2	20	11I0410		08/31/11 22:57
4-Chlorotoluene		46.9		ug/L	50.0	94%	70 - 130	0.7	20	11I0410		08/31/11 22:57
1,2-Dibromo-3-chloropropane		56.5		ug/L	50.0	113%	70 - 130	3	20	11I0410		08/31/11 22:57
1,2-Dibromoethane (EDB)		53.6		ug/L	50.0	107%	70 - 130	1	20	11I0410		08/31/11 22:57
Dibromomethane		52.5		ug/L	50.0	105%	70 - 130	1	20	11I0410		08/31/11 22:57
1,2-Dichlorobenzene		52.3		ug/L	50.0	105%	70 - 130	0.1	20	11I0410		08/31/11 22:57
1,3-Dichlorobenzene		49.9		ug/L	50.0	100%	70 - 130	0.1	20	11I0410		08/31/11 22:57
1,4-Dichlorobenzene		50.3		ug/L	50.0	101%	70 - 130	0.3	20	11I0410		08/31/11 22:57
Dichlorodifluoromethane		45.8		ug/L	50.0	92%	70 - 130	10	20	11I0410		08/31/11 22:57
1,2-Dichloroethane		44.8		ug/L	50.0	90%	70 - 130	2	20	11I0410		08/31/11 22:57
1,1-Dichloroethane		45.4		ug/L	50.0	91%	70 - 130	1	20	11I0410		08/31/11 22:57
1,1-Dichloroethene		49.7		ug/L	50.0	99%	70 - 130	4	20	11I0410		08/31/11 22:57

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11I0410-BSD1												
trans-1,2-Dichloroethene		43.2		ug/L	50.0	86%	70 - 130	0.7	20	11I0410		08/31/11 22:57
cis-1,2-Dichloroethene		43.7		ug/L	50.0	87%	70 - 130	0.6	20	11I0410		08/31/11 22:57
1,3-Dichloropropane		48.8		ug/L	50.0	98%	70 - 130	3	20	11I0410		08/31/11 22:57
2,2-Dichloropropane		39.1		ug/L	50.0	78%	70 - 130	2	20	11I0410		08/31/11 22:57
1,2-Dichloropropane		47.3		ug/L	50.0	95%	70 - 130	2	20	11I0410		08/31/11 22:57
trans-1,3-Dichloropropene		47.5		ug/L	50.0	95%	70 - 130	4	20	11I0410		08/31/11 22:57
1,1-Dichloropropene		47.4		ug/L	50.0	95%	70 - 130	6	20	11I0410		08/31/11 22:57
cis-1,3-Dichloropropene		49.0		ug/L	50.0	98%	70 - 130	6	20	11I0410		08/31/11 22:57
Diethyl ether		46.3		ug/L	50.0	93%	70 - 130	6	20	11I0410		08/31/11 22:57
1,4-Dioxane		6730	L	ug/L	5000	135%	70 - 130	7	20	11I0410		08/31/11 22:57
Ethylbenzene		50.5		ug/L	50.0	101%	70 - 130	3	20	11I0410		08/31/11 22:57
Ethyl tert-Butyl Ether		41.3		ug/L	50.0	83%	70 - 130	5	20	11I0410		08/31/11 22:57
Hexachlorobutadiene		43.8		ug/L	50.0	88%	70 - 130	0.4	20	11I0410		08/31/11 22:57
2-Hexanone		278		ug/L	250	111%	70 - 130	2	20	11I0410		08/31/11 22:57
Isopropylbenzene		55.8		ug/L	50.0	112%	70 - 130	5	20	11I0410		08/31/11 22:57
Diisopropyl Ether		41.3		ug/L	50.0	83%	70 - 130	4	20	11I0410		08/31/11 22:57
p-Isopropyltoluene		48.7		ug/L	50.0	97%	70 - 130	0.9	20	11I0410		08/31/11 22:57
Methyl tert-Butyl Ether		43.9		ug/L	50.0	88%	70 - 130	8	20	11I0410		08/31/11 22:57
Methylene Chloride		52.2		ug/L	50.0	104%	70 - 130	7	20	11I0410		08/31/11 22:57
4-Methyl-2-pentanone		254		ug/L	250	101%	70 - 130	5	20	11I0410		08/31/11 22:57
Naphthalene		59.4		ug/L	50.0	119%	70 - 130	1	20	11I0410		08/31/11 22:57
n-Propylbenzene		50.2		ug/L	50.0	100%	70 - 130	0.4	20	11I0410		08/31/11 22:57
Styrene		50.8		ug/L	50.0	102%	70 - 130	4	20	11I0410		08/31/11 22:57
1,1,2,2-Tetrachloroethane		52.9		ug/L	50.0	106%	70 - 130	2	20	11I0410		08/31/11 22:57
1,1,1,2-Tetrachloroethane		51.1		ug/L	50.0	102%	70 - 130	0.1	20	11I0410		08/31/11 22:57
Tetrachloroethene		49.5		ug/L	50.0	99%	70 - 130	1	20	11I0410		08/31/11 22:57
Tetrahydrofuran		473		ug/L	500	95%	70 - 130	1	20	11I0410		08/31/11 22:57
Toluene		48.8		ug/L	50.0	98%	70 - 130	2	20	11I0410		08/31/11 22:57
1,2,4-Trichlorobenzene		58.4		ug/L	50.0	117%	70 - 130	2	20	11I0410		08/31/11 22:57
1,2,3-Trichlorobenzene		60.5		ug/L	50.0	121%	70 - 130	0.9	20	11I0410		08/31/11 22:57
1,1,1-Trichloroethane		47.6		ug/L	50.0	95%	70 - 130	0.5	20	11I0410		08/31/11 22:57
1,1,2-Trichloroethane		49.6		ug/L	50.0	99%	70 - 130	4	20	11I0410		08/31/11 22:57
Trichloroethene		52.5		ug/L	50.0	105%	70 - 130	0.5	20	11I0410		08/31/11 22:57
Trichlorofluoromethane		49.5		ug/L	50.0	99%	70 - 130	7	20	11I0410		08/31/11 22:57
1,2,3-Trichloropropane		51.2		ug/L	50.0	102%	70 - 130	5	20	11I0410		08/31/11 22:57
1,3,5-Trimethylbenzene		48.4		ug/L	50.0	97%	70 - 130	0.1	20	11I0410		08/31/11 22:57
1,2,4-Trimethylbenzene		48.4		ug/L	50.0	97%	70 - 130	0.9	20	11I0410		08/31/11 22:57
Vinyl chloride		50.2		ug/L	50.0	100%	70 - 130	8	20	11I0410		08/31/11 22:57
Xylenes, total		148		ug/L	150	99%	70 - 130	4	20	11I0410		08/31/11 22:57
1,1,2-Trifluorotrichloroethane		48.5		ug/L	50.0	97%	70 - 130	3	20	11I0410		08/31/11 22:57
Surrogate: 1,2-Dichloroethane-d4		22.8		ug/L	25.0	91%	70 - 130			11I0410		08/31/11 22:57

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11I0410-BSD1												
Surrogate: Dibromofluoromethane		24.3		ug/L	25.0	97%	70 - 130			11I0410		08/31/11 22:57
Surrogate: Toluene-d8		24.3		ug/L	25.0	97%	70 - 130			11I0410		08/31/11 22:57
Surrogate: 4-Bromofluorobenzene		23.9		ug/L	25.0	96%	70 - 130			11I0410		08/31/11 22:57

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUH3810
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	08/27/11 08:15

DATA QUALIFIERS AND DEFINITIONS

L Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.

ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECE

NUH3810

Cooler Received/Opened On 8/27/2011 @ 0815

1. Tracking # 2476 (last 4 digits, FedEx)

Courier: FedEx IR Gun ID 97310166

2. Temperature of rep. sample or temp blank when opened: 1.9 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO (NA)

4. Were custody seals on outside of cooler? DA 8-27-11 (YES) NO NA

If yes, how many and where: _____

5. Were the seals intact, signed, and dated correctly? YES...NO...(NA)

6. Were custody papers inside cooler? (YES)...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) DA

7. Were custody seals on containers: YES (NO) and Intact YES...NO...(NA)

Were these signed and dated correctly? YES...NO...(NA)

8. Packing mat'l used? ~~Bubblewrap~~ Plastic bag Peanuts Vermiculite Foam Insert Paper Other (None)

9. Cooling process: (Ice) Ice-pack (Ice (direct contact)) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES)...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES)...NO...NA

12. Did all container labels and tags agree with custody papers? (YES)...NO...NA

13a. Were VOA vials received? YES...(NO)...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...(NA)

14. Was there a Trip Blank in this cooler? (YES)...NO...NA If multiple coolers, sequence # NA

I certify that I unloaded the cooler and answered questions 7-14 (intial) F

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES..NO..(NA)

b. Did the bottle labels indicate that the correct preservatives were used (YES)...NO...NA

16. Was residual chlorine present? YES...NO...(NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) F

17. Were custody papers properly filled out (ink, signed, etc)? (YES)...NO...NA

18. Did you sign the custody papers in the appropriate place? (YES)...NO...NA

19. Were correct containers used for the analysis requested? (YES)...NO...NA

20. Was sufficient amount of sample sent in each container? (YES)...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) F

I certify that I attached a label with the unique LIMS number to each container (intial) F

21. Were there Non-Conformance issues at login? YES...(NO) Was a PIPE generated? YES...(NO)...# _____

BIS = Broken in shipment

NUH3810

19/09/11 23:50

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

Consultant Name: GES
Address: 364 Littleton Road
City/State/Zip: Westford, MA 01886
Project Mgr: Stefan Sokol
Consultant Project Mgr: Roy Swartz
Consultant Telephone Number: 800-221-6119
Sampler Name: (Print) V. Sawyer, B. CACAVAS
Sampler Signature:
Fax No.: 978-392-8583

TA Account #:
Invoice To:
Report To: Stefan Sokol - ssokol@gesonline.com; Mary Cathey - mcathey@gesonline.com
PO #:
PROJECT #: 1603078
Facility ID # General Chemical
Site Address 133 Leland Street
City, State, Zip Framington, MA
Regulatory District (CA)

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 (Plastic Yellow Label)	H_2SO_4 (Glass Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify) Trip Blank	Analyze For: VOCs	SVOCs	total Fe & Mn (Field Filtered)	dissolved Fe & Mn	sulfate	chloride	alkalinity	RSK175 gases	RUSH TAT (Pre-Schedule) *	TAT request (in Bus. Days)	Fax Results (yes or no)	Due Date of Report
trip blank	8/24/11		1																	X	X											
GZ-17S		1010	8	X		X			X				X	X	X						X		X	X	X	X	X	X		10		
GZ-15S		1120	8	X		X			X				X	X	X						X		X	X	X	X	X	X				
CDW-12		1350	8	X		X			X				X	X	X						X		X	X	X	X	X	X				
RW-1		1420	3	X					X				X	X	X						X		X	X	X	X	X	X				
CDW-18D		1015	3	X					X						X						X											
CDW-9		1100	3	X					X						X						X											
MW-17		1310	3	X					X						X						X											
MW-16		1355	3	X					X						X						X											
MW-15		1500	3	X					X						X						X											

Comments/Special Instructions: Use CAMs methods & reporting format.

Due 9/6/11 per Jennifer Huckaba

Relinquished by	Date	Time	Received by:	Date	Time
	8/24/11	1800	GES Stock Locker	8/24/11	1800
Relinquished by	Date	Time	Received by TestAmerica:	Date	Time
	8/26/11	1424	FedX 777455592942	8/26/11	14:24

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2 Level 3 Level 4 Other

8-27-11 8:15

1.9

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

September 12, 2011 6:48:04PM

Client: GES Westford (10650)
364 Littleton Road, Suite 4
Westford, MA 01886
Attn: Stefan Sokol

Work Order: NUI0584
Project Name: General Chemical
Project Nbr: Framingham, MA
P/O Nbr: 1603978
Date Received: 09/03/11

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
CarWash	NUI0584-01	09/01/11 10:25

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. These results relate only to the items tested, and this report may not be reproduced except in full and with the permission of the Laboratory. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Certification Number: M-TN032

Additional Laboratory Comments:
All samples were received in good condition, properly preserved, and properly labeled. All analyses were completed within holding times.

All no responses from the attached “MCP Response Action Analytical Report Certification Form” are addressed below.

G. The volatile reporting limit for tetrahydrofuran was above the MADEP CAM limits.

H. The volatile blank spike duplicate (LCSD) recoveries for Dichlorodifluoromethane and Hexachlorobutadiene in batch 11I1000 were outside QC limits. Less than 10% of the analytes were outside criteria and the recoveries were within greater than 10%; therefore the data was accepted without further analysis.

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainty is available upon request.
This report has been electronically signed.
Report Approved By:

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUI0584
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10



Jennifer Huckaba

Senior Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUI0584
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

Sample Cooler Information

Lab ID	Cooler ID	Temp	Seals	Containers Intact	Preservation Confirmed	On Ice
	4782	-0.2C	Yes	Yes	No	Yes

MassDEP Analytical Protocol Certification Form

Laboratory Name: TestAmerica Analytical Testing Corporation Project #: Framingham, MA

Project Location: General Chemical RTN:

This Form provides certifications for the following data set: list Laboratory Sample ID Number(s):

NUI0584

Matrices: (Groundwater/Surface Water) Soil/Sediment Drinking Water Air Other:

CAM Protocol (check all that apply below):

8260 VOC CAM II A (X)	7470/7471 Hg CAM III B	MassDEP VPH CAM IV A	8081 Pesticides CAM V B	7196 Hex Cr CAM VI B	MassDEP APH CAM IX A
8270 SVOC CAM II B	7010 Metals CAM III C	MassDEP EPH CAM IV B	8151 Herbicides CAM V C	8330 Explosives CAM VIII A	TO-15 VOC CAM IX B
6010 Metals CAM III A	6020 Metals CAM III D	8082 PCB CAM V A	9014 Total Cyanide/PAC CAM VI A	6860 Perchlorate CAM VIII B	

Affirmative Responses to Questions A through F are required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	(Yes) No
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	(Yes) No
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	(Yes) No
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	(Yes) No
E	VPH, EPH, APH, and TO-15 only: a. VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications). b. APH and TO-15 Methods only: Was the complete analyte list reported for each method?	Yes No Yes No
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	(Yes) No

Responses to Questions G, H and I below are required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	Yes (No[1])

***Data User Note:** Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.*

H	Were all QC performance standards specified in the CAM protocol(s) achieved?	Yes (No[1])
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	(Yes) No[1]

[1] *All negative responses must be addressed in an attached laboratory narrative.*

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: Jennifer Huckaba **Position:** Sr Proj Mgr.

Printed Name: Jennifer Huckaba **Date:** 9-12-11

Client	GES Westford (10650)	Work Order:	NUI0584
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

ANALYTICAL REPORT

Sample ID: NUI0584-01 (CarWash - Ground Water) Sampled: 09/01/11 10:25

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	ND	ug/L		10.0	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Benzene	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Bromobenzene	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Bromochloromethane	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Bromodichloromethane	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Bromoform	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Bromomethane	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
2-Butanone	ND	ug/L		10.0	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
tert-Butylbenzene	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
n-Butylbenzene	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
sec-Butylbenzene	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Carbon disulfide	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Carbon Tetrachloride	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Chlorobenzene	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Chlorodibromomethane	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Chloroethane	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Chloroform	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Chloromethane	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
2-Chlorotoluene	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
4-Chlorotoluene	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Dibromomethane	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
1,2-Dichlorobenzene	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
1,3-Dichlorobenzene	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
1,4-Dichlorobenzene	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Dichlorodifluoromethane	ND	ug/L	L2	1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
1,2-Dichloroethane	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
1,1-Dichloroethane	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
1,1-Dichloroethene	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
cis-1,2-Dichloroethene	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
1,3-Dichloropropane	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
2,2-Dichloropropane	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
1,2-Dichloropropane	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
1,1-Dichloropropene	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Diethyl ether	ND	ug/L		2.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000

Client	GES Westford (10650)	Work Order:	NUI0584
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUI0584-01 (CarWash - Ground Water) - cont. Sampled: 09/01/11 10:25										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L		200	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Ethylbenzene	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Hexachlorobutadiene	ND	ug/L	L2	1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
2-Hexanone	ND	ug/L		10.0	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Isopropylbenzene	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Diisopropyl Ether	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
p-Isopropyltoluene	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Methylene Chloride	ND	ug/L		2.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
4-Methyl-2-pentanone	ND	ug/L		10.0	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Naphthalene	ND	ug/L		2.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
n-Propylbenzene	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Styrene	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Tetrachloroethene	**1.20**	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Tetrahydrofuran	ND	ug/L		20.0	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Toluene	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
1,1,1-Trichloroethane	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
1,1,2-Trichloroethane	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Trichloroethene	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Trichlorofluoromethane	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
1,2,3-Trichloropropane	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Vinyl chloride	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Xylenes, total	ND	ug/L		2.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
1,1,2-Trifluorotrichloroethane	ND	ug/L		1.00	1	09/06/11 17:28	09/07/11 03:14	CMM	SW846 8260B	11I1000
Surr: 1,2-Dichloroethane-d4 (70-130%)	*106 %*						09/07/11 03:14	CMM	SW846 8260B	11I1000
Surr: Dibromofluoromethane (70-130%)	*105 %*						09/07/11 03:14	CMM	SW846 8260B	11I1000
Surr: Toluene-d8 (70-130%)	*101 %*						09/07/11 03:14	CMM	SW846 8260B	11I1000
Surr: 4-Bromofluorobenzene (70-130%)	*102 %*						09/07/11 03:14	CMM	SW846 8260B	11I1000

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUI0584
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11I1000-BLK1						
Acetone	<10.0		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Tert-Amyl Methyl Ether	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Benzene	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Bromobenzene	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Bromochloromethane	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Bromodichloromethane	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Bromoform	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Bromomethane	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
2-Butanone	<10.0		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
tert-Butylbenzene	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
n-Butylbenzene	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
sec-Butylbenzene	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Carbon disulfide	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Carbon Tetrachloride	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Chlorobenzene	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Chlorodibromomethane	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Chloroethane	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Chloroform	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Chloromethane	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
2-Chlorotoluene	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
4-Chlorotoluene	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
1,2-Dibromo-3-chloropropane	<2.00		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
1,2-Dibromoethane (EDB)	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Dibromomethane	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
1,2-Dichlorobenzene	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
1,3-Dichlorobenzene	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
1,4-Dichlorobenzene	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Dichlorodifluoromethane	<0.600		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
1,2-Dichloroethane	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
1,1-Dichloroethane	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
1,1-Dichloroethene	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
trans-1,2-Dichloroethene	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
cis-1,2-Dichloroethene	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
1,3-Dichloropropane	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
2,2-Dichloropropane	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
1,2-Dichloropropane	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
trans-1,3-Dichloropropene	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
1,1-Dichloropropene	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
cis-1,3-Dichloropropene	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Diethyl ether	<2.00		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
1,4-Dioxane	<100		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUI0584
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11I1000-BLK1						
Ethylbenzene	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Ethyl tert-Butyl Ether	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Hexachlorobutadiene	<1.00		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
2-Hexanone	<5.00		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Isopropylbenzene	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Diisopropyl Ether	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
p-Isopropyltoluene	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Methyl tert-Butyl Ether	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Methylene Chloride	<2.00		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
4-Methyl-2-pentanone	<5.00		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Naphthalene	<2.00		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
n-Propylbenzene	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Styrene	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
1,1,2,2-Tetrachloroethane	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
1,1,1,2-Tetrachloroethane	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Tetrachloroethene	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Tetrahydrofuran	<10.0		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Toluene	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
1,2,4-Trichlorobenzene	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
1,2,3-Trichlorobenzene	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
1,1,1-Trichloroethane	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
1,1,2-Trichloroethane	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Trichloroethene	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Trichlorofluoromethane	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
1,2,3-Trichloropropane	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
1,3,5-Trimethylbenzene	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
1,2,4-Trimethylbenzene	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Vinyl chloride	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Xylenes, total	<1.50		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
1,1,2-Trifluorotrichloroethane	<0.500		ug/L	11I1000	11I1000-BLK1	09/06/11 20:16
Surrogate: 1,2-Dichloroethane-d4	102%			11I1000	11I1000-BLK1	09/06/11 20:16
Surrogate: Dibromofluoromethane	102%			11I1000	11I1000-BLK1	09/06/11 20:16
Surrogate: Toluene-d8	101%			11I1000	11I1000-BLK1	09/06/11 20:16
Surrogate: 4-Bromofluorobenzene	104%			11I1000	11I1000-BLK1	09/06/11 20:16

Client	GES Westford (10650)	Work Order:	NUI0584
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11I1000-BS1								
Acetone	250	307		ug/L	123%	70 - 130	11I1000	09/06/11 18:24
Tert-Amyl Methyl Ether	50.0	43.8		ug/L	88%	70 - 130	11I1000	09/06/11 18:24
Benzene	50.0	50.0		ug/L	100%	70 - 130	11I1000	09/06/11 18:24
Bromobenzene	50.0	53.7		ug/L	107%	70 - 130	11I1000	09/06/11 18:24
Bromochloromethane	50.0	52.2		ug/L	104%	70 - 130	11I1000	09/06/11 18:24
Bromodichloromethane	50.0	53.1		ug/L	106%	70 - 130	11I1000	09/06/11 18:24
Bromoform	50.0	44.8		ug/L	90%	70 - 130	11I1000	09/06/11 18:24
Bromomethane	50.0	46.6		ug/L	93%	70 - 130	11I1000	09/06/11 18:24
2-Butanone	250	256		ug/L	102%	70 - 130	11I1000	09/06/11 18:24
tert-Butylbenzene	50.0	52.9		ug/L	106%	70 - 130	11I1000	09/06/11 18:24
n-Butylbenzene	50.0	52.1		ug/L	104%	70 - 130	11I1000	09/06/11 18:24
sec-Butylbenzene	50.0	53.8		ug/L	108%	70 - 130	11I1000	09/06/11 18:24
Carbon disulfide	50.0	47.0		ug/L	94%	70 - 130	11I1000	09/06/11 18:24
Carbon Tetrachloride	50.0	57.5		ug/L	115%	70 - 130	11I1000	09/06/11 18:24
Chlorobenzene	50.0	52.8		ug/L	106%	70 - 130	11I1000	09/06/11 18:24
Chlorodibromomethane	50.0	58.2		ug/L	116%	70 - 130	11I1000	09/06/11 18:24
Chloroethane	50.0	44.2		ug/L	88%	70 - 130	11I1000	09/06/11 18:24
Chloroform	50.0	53.4		ug/L	107%	70 - 130	11I1000	09/06/11 18:24
Chloromethane	50.0	43.0		ug/L	86%	70 - 130	11I1000	09/06/11 18:24
2-Chlorotoluene	50.0	53.7		ug/L	107%	70 - 130	11I1000	09/06/11 18:24
4-Chlorotoluene	50.0	55.7		ug/L	111%	70 - 130	11I1000	09/06/11 18:24
1,2-Dibromo-3-chloropropane	50.0	44.6		ug/L	89%	70 - 130	11I1000	09/06/11 18:24
1,2-Dibromoethane (EDB)	50.0	53.2		ug/L	106%	70 - 130	11I1000	09/06/11 18:24
Dibromomethane	50.0	49.4		ug/L	99%	70 - 130	11I1000	09/06/11 18:24
1,2-Dichlorobenzene	50.0	52.2		ug/L	104%	70 - 130	11I1000	09/06/11 18:24
1,3-Dichlorobenzene	50.0	52.8		ug/L	106%	70 - 130	11I1000	09/06/11 18:24
1,4-Dichlorobenzene	50.0	53.5		ug/L	107%	70 - 130	11I1000	09/06/11 18:24
Dichlorodifluoromethane	50.0	35.7		ug/L	71%	70 - 130	11I1000	09/06/11 18:24
1,2-Dichloroethane	50.0	50.1		ug/L	100%	70 - 130	11I1000	09/06/11 18:24
1,1-Dichloroethane	50.0	50.1		ug/L	100%	70 - 130	11I1000	09/06/11 18:24
1,1-Dichloroethene	50.0	52.4		ug/L	105%	70 - 130	11I1000	09/06/11 18:24
trans-1,2-Dichloroethene	50.0	51.4		ug/L	103%	70 - 130	11I1000	09/06/11 18:24
cis-1,2-Dichloroethene	50.0	50.2		ug/L	100%	70 - 130	11I1000	09/06/11 18:24
1,3-Dichloropropane	50.0	50.4		ug/L	101%	70 - 130	11I1000	09/06/11 18:24
2,2-Dichloropropane	50.0	55.9		ug/L	112%	70 - 130	11I1000	09/06/11 18:24
1,2-Dichloropropane	50.0	45.8		ug/L	92%	70 - 130	11I1000	09/06/11 18:24
trans-1,3-Dichloropropene	50.0	53.9		ug/L	108%	70 - 130	11I1000	09/06/11 18:24
1,1-Dichloropropene	50.0	53.0		ug/L	106%	70 - 130	11I1000	09/06/11 18:24
cis-1,3-Dichloropropene	50.0	56.5		ug/L	113%	70 - 130	11I1000	09/06/11 18:24
Diethyl ether	50.0	46.2		ug/L	92%	70 - 130	11I1000	09/06/11 18:24
1,4-Dioxane	5000	5680		ug/L	114%	70 - 130	11I1000	09/06/11 18:24

Client	GES Westford (10650)	Work Order:	NUI0584
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11I1000-BS1								
Ethylbenzene	50.0	51.8		ug/L	104%	70 - 130	11I1000	09/06/11 18:24
Ethyl tert-Butyl Ether	50.0	42.9		ug/L	86%	70 - 130	11I1000	09/06/11 18:24
Hexachlorobutadiene	50.0	35.0		ug/L	70%	70 - 130	11I1000	09/06/11 18:24
2-Hexanone	250	244		ug/L	97%	70 - 130	11I1000	09/06/11 18:24
Isopropylbenzene	50.0	55.2		ug/L	110%	70 - 130	11I1000	09/06/11 18:24
Diisopropyl Ether	50.0	42.4		ug/L	85%	70 - 130	11I1000	09/06/11 18:24
p-Isopropyltoluene	50.0	51.0		ug/L	102%	70 - 130	11I1000	09/06/11 18:24
Methyl tert-Butyl Ether	50.0	45.4		ug/L	91%	70 - 130	11I1000	09/06/11 18:24
Methylene Chloride	50.0	51.4		ug/L	103%	70 - 130	11I1000	09/06/11 18:24
4-Methyl-2-pentanone	250	228		ug/L	91%	70 - 130	11I1000	09/06/11 18:24
Naphthalene	50.0	45.4		ug/L	91%	70 - 130	11I1000	09/06/11 18:24
n-Propylbenzene	50.0	54.2		ug/L	108%	70 - 130	11I1000	09/06/11 18:24
Styrene	50.0	50.6		ug/L	101%	70 - 130	11I1000	09/06/11 18:24
1,1,2,2-Tetrachloroethane	50.0	52.9		ug/L	106%	70 - 130	11I1000	09/06/11 18:24
1,1,1,2-Tetrachloroethane	50.0	55.8		ug/L	112%	70 - 130	11I1000	09/06/11 18:24
Tetrachloroethene	50.0	51.0		ug/L	102%	70 - 130	11I1000	09/06/11 18:24
Tetrahydrofuran	500	424		ug/L	85%	70 - 130	11I1000	09/06/11 18:24
Toluene	50.0	53.2		ug/L	106%	70 - 130	11I1000	09/06/11 18:24
1,2,4-Trichlorobenzene	50.0	42.3		ug/L	85%	70 - 130	11I1000	09/06/11 18:24
1,2,3-Trichlorobenzene	50.0	41.6		ug/L	83%	70 - 130	11I1000	09/06/11 18:24
1,1,1-Trichloroethane	50.0	55.5		ug/L	111%	70 - 130	11I1000	09/06/11 18:24
1,1,2-Trichloroethane	50.0	52.5		ug/L	105%	70 - 130	11I1000	09/06/11 18:24
Trichloroethene	50.0	53.4		ug/L	107%	70 - 130	11I1000	09/06/11 18:24
Trichlorofluoromethane	50.0	46.7		ug/L	93%	70 - 130	11I1000	09/06/11 18:24
1,2,3-Trichloropropane	50.0	55.5		ug/L	111%	70 - 130	11I1000	09/06/11 18:24
1,3,5-Trimethylbenzene	50.0	53.4		ug/L	107%	70 - 130	11I1000	09/06/11 18:24
1,2,4-Trimethylbenzene	50.0	51.5		ug/L	103%	70 - 130	11I1000	09/06/11 18:24
Vinyl chloride	50.0	42.9		ug/L	86%	70 - 130	11I1000	09/06/11 18:24
Xylenes, total	150	151		ug/L	100%	70 - 130	11I1000	09/06/11 18:24
1,1,2-Trifluorotrichloroethane	50.0	53.9		ug/L	108%	70 - 130	11I1000	09/06/11 18:24
Surrogate: 1,2-Dichloroethane-d4	25.0	24.6			98%	70 - 130	11I1000	09/06/11 18:24
Surrogate: Dibromofluoromethane	25.0	26.1			104%	70 - 130	11I1000	09/06/11 18:24
Surrogate: Toluene-d8	25.0	25.5			102%	70 - 130	11I1000	09/06/11 18:24
Surrogate: 4-Bromofluorobenzene	25.0	26.1			104%	70 - 130	11I1000	09/06/11 18:24

Client	GES Westford (10650)	Work Order:	NUI0584
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11I1000-BSD1												
Acetone		302		ug/L	250	121%	70 - 130	1	20	11I1000		09/06/11 18:52
Tert-Amyl Methyl Ether		41.8		ug/L	50.0	84%	70 - 130	5	20	11I1000		09/06/11 18:52
Benzene		47.4		ug/L	50.0	95%	70 - 130	5	20	11I1000		09/06/11 18:52
Bromobenzene		51.0		ug/L	50.0	102%	70 - 130	5	20	11I1000		09/06/11 18:52
Bromochloromethane		49.1		ug/L	50.0	98%	70 - 130	6	20	11I1000		09/06/11 18:52
Bromodichloromethane		49.9		ug/L	50.0	100%	70 - 130	6	20	11I1000		09/06/11 18:52
Bromoform		42.2		ug/L	50.0	84%	70 - 130	6	20	11I1000		09/06/11 18:52
Bromomethane		45.4		ug/L	50.0	91%	70 - 130	3	20	11I1000		09/06/11 18:52
2-Butanone		243		ug/L	250	97%	70 - 130	5	20	11I1000		09/06/11 18:52
tert-Butylbenzene		50.0		ug/L	50.0	100%	70 - 130	6	20	11I1000		09/06/11 18:52
n-Butylbenzene		48.6		ug/L	50.0	97%	70 - 130	7	20	11I1000		09/06/11 18:52
sec-Butylbenzene		50.2		ug/L	50.0	100%	70 - 130	7	20	11I1000		09/06/11 18:52
Carbon disulfide		43.6		ug/L	50.0	87%	70 - 130	7	20	11I1000		09/06/11 18:52
Carbon Tetrachloride		53.4		ug/L	50.0	107%	70 - 130	7	20	11I1000		09/06/11 18:52
Chlorobenzene		49.6		ug/L	50.0	99%	70 - 130	6	20	11I1000		09/06/11 18:52
Chlorodibromomethane		55.4		ug/L	50.0	111%	70 - 130	5	20	11I1000		09/06/11 18:52
Chloroethane		42.7		ug/L	50.0	85%	70 - 130	3	20	11I1000		09/06/11 18:52
Chloroform		50.0		ug/L	50.0	100%	70 - 130	7	20	11I1000		09/06/11 18:52
Chloromethane		41.0		ug/L	50.0	82%	70 - 130	5	20	11I1000		09/06/11 18:52
2-Chlorotoluene		50.6		ug/L	50.0	101%	70 - 130	6	20	11I1000		09/06/11 18:52
4-Chlorotoluene		51.9		ug/L	50.0	104%	70 - 130	7	20	11I1000		09/06/11 18:52
1,2-Dibromo-3-chloropropane		43.2		ug/L	50.0	86%	70 - 130	3	20	11I1000		09/06/11 18:52
1,2-Dibromoethane (EDB)		50.2		ug/L	50.0	100%	70 - 130	6	20	11I1000		09/06/11 18:52
Dibromomethane		47.8		ug/L	50.0	96%	70 - 130	3	20	11I1000		09/06/11 18:52
1,2-Dichlorobenzene		49.6		ug/L	50.0	99%	70 - 130	5	20	11I1000		09/06/11 18:52
1,3-Dichlorobenzene		50.3		ug/L	50.0	101%	70 - 130	5	20	11I1000		09/06/11 18:52
1,4-Dichlorobenzene		49.9		ug/L	50.0	100%	70 - 130	7	20	11I1000		09/06/11 18:52
Dichlorodifluoromethane		34.4	L2	ug/L	50.0	69%	70 - 130	4	20	11I1000		09/06/11 18:52
1,2-Dichloroethane		48.0		ug/L	50.0	96%	70 - 130	4	20	11I1000		09/06/11 18:52
1,1-Dichloroethane		47.3		ug/L	50.0	95%	70 - 130	6	20	11I1000		09/06/11 18:52
1,1-Dichloroethene		48.5		ug/L	50.0	97%	70 - 130	8	20	11I1000		09/06/11 18:52
trans-1,2-Dichloroethene		47.1		ug/L	50.0	94%	70 - 130	9	20	11I1000		09/06/11 18:52
cis-1,2-Dichloroethene		47.3		ug/L	50.0	95%	70 - 130	6	20	11I1000		09/06/11 18:52
1,3-Dichloropropane		48.6		ug/L	50.0	97%	70 - 130	4	20	11I1000		09/06/11 18:52
2,2-Dichloropropane		50.9		ug/L	50.0	102%	70 - 130	9	20	11I1000		09/06/11 18:52
1,2-Dichloropropane		43.4		ug/L	50.0	87%	70 - 130	6	20	11I1000		09/06/11 18:52
trans-1,3-Dichloropropene		50.9		ug/L	50.0	102%	70 - 130	6	20	11I1000		09/06/11 18:52
1,1-Dichloropropene		48.6		ug/L	50.0	97%	70 - 130	9	20	11I1000		09/06/11 18:52
cis-1,3-Dichloropropene		54.3		ug/L	50.0	109%	70 - 130	4	20	11I1000		09/06/11 18:52
Diethyl ether		44.4		ug/L	50.0	89%	70 - 130	4	20	11I1000		09/06/11 18:52
1,4-Dioxane		5550		ug/L	5000	111%	70 - 130	2	20	11I1000		09/06/11 18:52

Client	GES Westford (10650)	Work Order:	NUI0584
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11I1000-BSD1												
Ethylbenzene		48.6		ug/L	50.0	97%	70 - 130	6	20	11I1000		09/06/11 18:52
Ethyl tert-Butyl Ether		40.6		ug/L	50.0	81%	70 - 130	6	20	11I1000		09/06/11 18:52
Hexachlorobutadiene		33.5	L2	ug/L	50.0	67%	70 - 130	4	20	11I1000		09/06/11 18:52
2-Hexanone		239		ug/L	250	96%	70 - 130	2	20	11I1000		09/06/11 18:52
Isopropylbenzene		51.9		ug/L	50.0	104%	70 - 130	6	20	11I1000		09/06/11 18:52
Diisopropyl Ether		39.8		ug/L	50.0	80%	70 - 130	6	20	11I1000		09/06/11 18:52
p-Isopropyltoluene		48.0		ug/L	50.0	96%	70 - 130	6	20	11I1000		09/06/11 18:52
Methyl tert-Butyl Ether		43.4		ug/L	50.0	87%	70 - 130	5	20	11I1000		09/06/11 18:52
Methylene Chloride		48.6		ug/L	50.0	97%	70 - 130	6	20	11I1000		09/06/11 18:52
4-Methyl-2-pentanone		218		ug/L	250	87%	70 - 130	5	20	11I1000		09/06/11 18:52
Naphthalene		44.1		ug/L	50.0	88%	70 - 130	3	20	11I1000		09/06/11 18:52
n-Propylbenzene		51.1		ug/L	50.0	102%	70 - 130	6	20	11I1000		09/06/11 18:52
Styrene		47.6		ug/L	50.0	95%	70 - 130	6	20	11I1000		09/06/11 18:52
1,1,2,2-Tetrachloroethane		51.3		ug/L	50.0	103%	70 - 130	3	20	11I1000		09/06/11 18:52
1,1,1,2-Tetrachloroethane		52.5		ug/L	50.0	105%	70 - 130	6	20	11I1000		09/06/11 18:52
Tetrachloroethene		47.3		ug/L	50.0	95%	70 - 130	7	20	11I1000		09/06/11 18:52
Tetrahydrofuran		404		ug/L	500	81%	70 - 130	5	20	11I1000		09/06/11 18:52
Toluene		50.0		ug/L	50.0	100%	70 - 130	6	20	11I1000		09/06/11 18:52
1,2,4-Trichlorobenzene		40.9		ug/L	50.0	82%	70 - 130	3	20	11I1000		09/06/11 18:52
1,2,3-Trichlorobenzene		40.2		ug/L	50.0	80%	70 - 130	4	20	11I1000		09/06/11 18:52
1,1,1-Trichloroethane		52.1		ug/L	50.0	104%	70 - 130	6	20	11I1000		09/06/11 18:52
1,1,2-Trichloroethane		50.1		ug/L	50.0	100%	70 - 130	5	20	11I1000		09/06/11 18:52
Trichloroethene		50.1		ug/L	50.0	100%	70 - 130	6	20	11I1000		09/06/11 18:52
Trichlorofluoromethane		43.4		ug/L	50.0	87%	70 - 130	7	20	11I1000		09/06/11 18:52
1,2,3-Trichloropropane		53.9		ug/L	50.0	108%	70 - 130	3	20	11I1000		09/06/11 18:52
1,3,5-Trimethylbenzene		49.8		ug/L	50.0	100%	70 - 130	7	20	11I1000		09/06/11 18:52
1,2,4-Trimethylbenzene		48.6		ug/L	50.0	97%	70 - 130	6	20	11I1000		09/06/11 18:52
Vinyl chloride		41.3		ug/L	50.0	83%	70 - 130	4	20	11I1000		09/06/11 18:52
Xylenes, total		142		ug/L	150	95%	70 - 130	6	20	11I1000		09/06/11 18:52
1,1,2-Trifluorotrichloroethane		50.8		ug/L	50.0	102%	70 - 130	6	20	11I1000		09/06/11 18:52
Surrogate: 1,2-Dichloroethane-d4		24.4		ug/L	25.0	98%	70 - 130			11I1000		09/06/11 18:52
Surrogate: Dibromofluoromethane		25.0		ug/L	25.0	100%	70 - 130			11I1000		09/06/11 18:52
Surrogate: Toluene-d8		25.5		ug/L	25.0	102%	70 - 130			11I1000		09/06/11 18:52
Surrogate: 4-Bromofluorobenzene		26.0		ug/L	25.0	104%	70 - 130			11I1000		09/06/11 18:52

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUI0584
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

DATA QUALIFIERS AND DEFINITIONS

L2 Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was below acceptance limits.

ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER 1

NUI0584

Cooler Received/Opened On 9/3/2011 @ 08:10

1. Tracking # 4782 (last 4 digits, Fed

Courier: FEDEX IR Gun ID 96210146

2. Temperature of rep. sample or temp blank when opened: -0.2 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES..NO..NA

4. Were custody seals on outside of cooler? YES..NO...NA

If yes, how many and where: 1-Front

5. Were the seals intact, signed, and dated correctly? YES..NO...NA

6. Were custody papers inside cooler? YES..NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) P.H-

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES..NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES..NO...NA

13a. Were VOA vials received? YES ..NO...NA

b. Was there any observable headspace present in any VOA vial? YES..NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence #

I certify that I unloaded the cooler and answered questions 7-14 (intial) J.G.

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES..NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) J.G.

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) J.G.

I certify that I attached a label with the unique LIMS number to each container (intial) J.G.

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#

BIS = Broken in shipment
Cooler Receipt Form.doc

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

NUI0584

09/13/11 23:59

Consultant Name: GES
Address: 364 Littleton Road
City/State/Zip: Westford, MA 01886
Project Mgr: Stefan Sokol
Consultant Project Mgr: Roy Swartz
Consultant Telephone Number: 800-221-6119
Sampler Name: (Print) Brian Sargeant
Fax No.: 978-392-8583
Sampler Signature: Brian Card

TA Account #:
Invoice To:
Report To: Stefan Sokol - ssokol@gesonline.com; Mary Cathey - mcathey@gesonline.com
PO #:
PROJECT #: 1603078
Facility ID # General Chemical
Site Address 133 Leland Street
City, State, Zip ~~Framingham, Ma~~ Framingham, MA
Regulatory District (CA)

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: VOCs	SVOCs	total Fe & Mn	dissolved Fe & Mn	sulfate	chloride	alkalinity	RSK175 gases				RUSH TAT (Pre-Schedule) *	TAT request (in Bus. Days)	Fax Results (yes or no)	Due Date of Report
~~trip blank~~ Car Wash	9/1/11	1615	3	X					3						X						X											5		

Comments/Special Instructions: Use CAMs methods & reporting format.
5 day turnaround requested (to J. Huckabee) for VOCs analysis.

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2 Level 3 Level 4 Other

Relinquished by:	Date	Time	Received by:	Date	Time
Brian Card	9/2/11	0700	GES Stock	9/2/11	0700
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
Brian Card	9/2/11	1120	[signature]	9/2/11	1120

9/3/11 0810 -0.2

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

September 20, 2011 1:57:10PM

Client: GES Westford (10650)
364 Littleton Road, Suite 4
Westford, MA 01886
Attn: Stefan Sokol

Work Order: NUI0577
Project Name: General Chemical
Project Nbr: Framingham, MA
P/O Nbr: 1603978
Date Received: 09/03/11

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Trip Blank	NUI0577-01	09/01/11 00:01
RW-6	NUI0577-02	09/01/11 11:15
MW-18S	NUI0577-03	09/01/11 12:30
SW-1	NUI0577-04	09/01/11 12:45
SW-2	NUI0577-05	09/01/11 13:30
SW-3	NUI0577-06	09/01/11 14:15
CDW-14	NUI0577-07	09/01/11 16:10
RW-5S	NUI0577-08	09/01/11 17:25

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. These results relate only to the items tested, and this report may not be reproduced except in full and with the permission of the Laboratory. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Certification Number: M-TN032

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

Additional Laboratory Comments:

Revised Report:

This report was revised on 9-20-11 to finalize all requested parameters on this COC. This final report replaces the partial final report (for just VOCs) generated on 9-13-11 at 0832.

All samples were received in good condition, properly preserved, and properly labeled. All analyses were completed within holding times.

All no responses from the attached "MCP Response Action Analytical Report Certification Form" are addressed below.

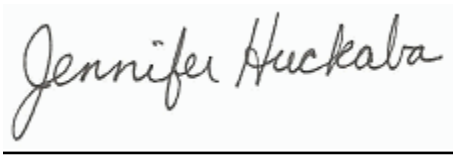
G. The volatile reporting limit for tetrahydrofuran was above the MADEP CAM limits.

I. The full MCP Metals CAM analyte list was not reported. Only those analytes requested on the chain of custody by the client were reported.

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainty is available upon request.
This report has been electronically signed.
Report Approved By:



Jennifer Huckaba

Senior Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

Sample Cooler Information

Lab ID	Cooler ID	Temp	Seals	Containers Intact	Preservation Confirmed	On Ice
	4782	-0.2C	Yes	Yes	No	Yes

MassDEP Analytical Protocol Certification Form

Laboratory Name: TestAmerica Analytical Testing Corporation | Project #: Framingham, MA

Project Location: General Chemical | RTN:

This Form provides certifications for the following data set: list Laboratory Sample ID Number(s):

NUI0577

Matrices: Groundwater/Surface Water | Soil/Sediment | Drinking Water | Air | Other:

CAM Protocol (check all that apply below):

8260 VOC CAM II A X	7470/7471 Hg CAM III B	MassDEP VPH CAM IV A	8081 Pesticides CAM V B	7196 Hex Cr CAM VI B	MassDEP APH CAM IX A
8270 SVOC CAM II B	7010 Metals CAM III C	MassDEP EPH CAM IV B	8151 Herbicides CAM V C	8330 Explosives CAM VIII A	TO-15 VOC CAM IX B
6010 Metals CAM III A X	6020 Metals CAM III D	8082 PCB CAM V A	9014 Total Cyanide/PAC CAM VI A	6860 Perchlorate CAM VIII B	

Affirmative Responses to Questions A through F are required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	(Yes) No
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	(Yes) No
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	(Yes) No
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	(Yes) No
E	VPH, EPH, APH, and TO-15 only: a. VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications). b. APH and TO-15 Methods only: Was the complete analyte list reported for each method?	Yes No Yes No
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	(Yes) No

Responses to Questions G, H and I below are required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	Yes (No)[1]

***Data User Note:** Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.*

H	Were **all** QC performance standards specified in the CAM protocol(s) achieved?	(Yes) No[1]
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	Yes (No)[1]

[1] *All negative responses must be addressed in an attached laboratory narrative.*

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: Jennifer Huckaba | **Position:** Sr Proj Mgr.

Printed Name: Jennifer Huckaba | **Date:** 9-20-11

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

ANALYTICAL REPORT

Sample ID: NUI0577-01 (Trip Blank - Water) Sampled: 09/01/11 00:01

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	ND	ug/L		10.0	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Benzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Bromobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Bromochloromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Bromodichloromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Bromoform	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Bromomethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
2-Butanone	ND	ug/L		10.0	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
tert-Butylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
n-Butylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
sec-Butylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Carbon disulfide	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Carbon Tetrachloride	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Chlorobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Chlorodibromomethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Chloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Chloroform	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Chloromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
2-Chlorotoluene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
4-Chlorotoluene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Dibromomethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
1,2-Dichlorobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
1,3-Dichlorobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
1,4-Dichlorobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Dichlorodifluoromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
1,2-Dichloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
1,1-Dichloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
1,1-Dichloroethene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
cis-1,2-Dichloroethene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
1,3-Dichloropropane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
2,2-Dichloropropane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
1,2-Dichloropropane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
1,1-Dichloropropene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Diethyl ether	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUI0577-01 (Trip Blank - Water) - cont. Sampled: 09/01/11 00:01										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L		200	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Ethylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Hexachlorobutadiene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
2-Hexanone	ND	ug/L		10.0	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Isopropylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Diisopropyl Ether	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
p-Isopropyltoluene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Methylene Chloride	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
4-Methyl-2-pentanone	ND	ug/L		10.0	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Naphthalene	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
n-Propylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Styrene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Tetrachloroethene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Tetrahydrofuran	ND	ug/L		20.0	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Toluene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
1,1,1-Trichloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
1,1,2-Trichloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Trichloroethene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Trichlorofluoromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
1,2,3-Trichloropropane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Vinyl chloride	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Xylenes, total	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
1,1,2-Trifluorotrichloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 13:50	EML	SW846 8260B	11I0875
Surr: 1,2-Dichloroethane-d4 (70-130%)	*90 %*						09/09/11 13:50	EML	SW846 8260B	11I0875
Surr: Dibromofluoromethane (70-130%)	*103 %*						09/09/11 13:50	EML	SW846 8260B	11I0875
Surr: Toluene-d8 (70-130%)	*96 %*						09/09/11 13:50	EML	SW846 8260B	11I0875
Surr: 4-Bromofluorobenzene (70-130%)	*90 %*						09/09/11 13:50	EML	SW846 8260B	11I0875

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Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUI0577-02 (RW-6 - Ground Water) Sampled: 09/01/11 11:15										
General Chemistry Parameters										
Alkalinity, Total (CaCO3)	**42.9**	mg/L		10.0	1	09/07/11 12:58	09/07/11 15:21	JAG2	SM2320 B	11I1128
Chloride	**63.0**	mg/L		10.0	10	09/07/11 11:33	09/07/11 12:30	MSJ	SM4500-Cl E	11I1092
Sulfate	**11.2**	mg/L		1.00	1	09/07/11 11:35	09/07/11 13:20	MSJ	ASTM D516-90	11I1093

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUI0577-02 (RW-6 - Ground Water) - cont. Sampled: 09/01/11 11:15										
Methane, Ethane, and Ethene by GC										
Ethane	ND	ug/L		5.00	1	09/08/11 15:50	09/10/11 19:16	JLS2	RSK 175 M	11I1361
Ethene	ND	ug/L		5.00	1	09/08/11 15:50	09/10/11 19:16	JLS2	RSK 175 M	11I1361
Methane	ND	ug/L		5.00	1	09/08/11 15:50	09/10/11 19:16	JLS2	RSK 175 M	11I1361
Surr: Acetylene (62-124%)	*89 %*						09/10/11 19:16	JLS2	RSK 175 M	11I1361

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUI0577-02 (RW-6 - Ground Water) - cont. Sampled: 09/01/11 11:15										
Total Metals by EPA 6010C										
Iron	**3.77**	mg/L		0.0500	1	09/06/11 11:10	09/06/11 18:16	jwd	SW846 6010C	11I0795
Manganese	**0.0960**	mg/L		0.0150	1	09/06/11 11:10	09/06/11 18:16	jwd	SW846 6010C	11I0795

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUI0577-02 (RW-6 - Ground Water) - cont. Sampled: 09/01/11 11:15										
Dissolved Metals by Method 6010C										
Iron	**3.66**	mg/L		0.0500	1	09/07/11 11:20	09/08/11 16:51	AVR	SW846 6010C	11I0798
Manganese	**0.0952**	mg/L		0.0150	1	09/07/11 11:20	09/08/11 16:51	AVR	SW846 6010C	11I0798

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

ANALYTICAL REPORT

Sample ID: NUI0577-02 (RW-6 - Ground Water) - cont. Sampled: 09/01/11 11:15

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	ND	ug/L		10.0	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Benzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Bromobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Bromochloromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Bromodichloromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Bromoform	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Bromomethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
2-Butanone	ND	ug/L		10.0	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
tert-Butylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
n-Butylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
sec-Butylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Carbon disulfide	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Carbon Tetrachloride	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Chlorobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Chlorodibromomethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Chloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Chloroform	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Chloromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
2-Chlorotoluene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
4-Chlorotoluene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Dibromomethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
1,2-Dichlorobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
1,3-Dichlorobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
1,4-Dichlorobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Dichlorodifluoromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
1,2-Dichloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
1,1-Dichloroethane	**2.86**	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
1,1-Dichloroethene	**16.3**	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
trans-1,2-Dichloroethene	**2.14**	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
cis-1,2-Dichloroethene	**840**	ug/L		10.0	10	09/09/11 10:36	09/09/11 19:50	EML	SW846 8260B	11I0875
1,3-Dichloropropane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
2,2-Dichloropropane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
1,2-Dichloropropane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
1,1-Dichloropropene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Diethyl ether	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

ANALYTICAL REPORT

Sample ID: NUI0577-02 (RW-6 - Ground Water) - cont. Sampled: 09/01/11 11:15

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
1,4-Dioxane	ND	ug/L		200	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Ethylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Hexachlorobutadiene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
2-Hexanone	ND	ug/L		10.0	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Isopropylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Diisopropyl Ether	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
p-Isopropyltoluene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Methylene Chloride	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
4-Methyl-2-pentanone	ND	ug/L		10.0	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Naphthalene	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
n-Propylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Styrene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Tetrachloroethene	**86.8**	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Tetrahydrofuran	ND	ug/L		20.0	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Toluene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
1,1,1-Trichloroethane	**43.7**	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
1,1,2-Trichloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Trichloroethene	**57.7**	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Trichlorofluoromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
1,2,3-Trichloropropane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Vinyl chloride	**1.35**	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Xylenes, total	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
1,1,2-Trifluorotrichloroethane	**96.6**	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:18	EML	SW846 8260B	11I0875
Surr: 1,2-Dichloroethane-d4 (70-130%)	*88 %*						09/09/11 14:18	EML	SW846 8260B	11I0875
Surr: 1,2-Dichloroethane-d4 (70-130%)	*90 %*						09/09/11 19:50	EML	SW846 8260B	11I0875
Surr: Dibromofluoromethane (70-130%)	*104 %*						09/09/11 14:18	EML	SW846 8260B	11I0875
Surr: Dibromofluoromethane (70-130%)	*106 %*						09/09/11 19:50	EML	SW846 8260B	11I0875
Surr: Toluene-d8 (70-130%)	*96 %*						09/09/11 14:18	EML	SW846 8260B	11I0875
Surr: Toluene-d8 (70-130%)	*96 %*						09/09/11 19:50	EML	SW846 8260B	11I0875
Surr: 4-Bromofluorobenzene (70-130%)	*93 %*						09/09/11 14:18	EML	SW846 8260B	11I0875
Surr: 4-Bromofluorobenzene (70-130%)	*93 %*						09/09/11 19:50	EML	SW846 8260B	11I0875

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUI0577-03 (MW-18S - Ground Water) Sampled: 09/01/11 12:30										
Volatile Organic Compounds by EPA Method 8260B										
Acetone	ND	ug/L		10.0	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Benzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Bromobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Bromochloromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Bromodichloromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Bromoform	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Bromomethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
2-Butanone	ND	ug/L		10.0	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
tert-Butylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
n-Butylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
sec-Butylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Carbon disulfide	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Carbon Tetrachloride	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Chlorobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Chlorodibromomethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Chloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Chloroform	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Chloromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
2-Chlorotoluene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
4-Chlorotoluene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Dibromomethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
1,2-Dichlorobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
1,3-Dichlorobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
1,4-Dichlorobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Dichlorodifluoromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
1,2-Dichloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
1,1-Dichloroethane	**18.6**	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
1,1-Dichloroethene	**94.2**	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
trans-1,2-Dichloroethene	**1.69**	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
cis-1,2-Dichloroethene	**942**	ug/L		10.0	10	09/09/11 10:36	09/09/11 20:18	EML	SW846 8260B	11I0875
1,3-Dichloropropane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
2,2-Dichloropropane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
1,2-Dichloropropane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
1,1-Dichloropropene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Diethyl ether	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUI0577-03 (MW-18S - Ground Water) - cont. Sampled: 09/01/11 12:30										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L		200	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Ethylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Hexachlorobutadiene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
2-Hexanone	ND	ug/L		10.0	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Isopropylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Diisopropyl Ether	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
p-Isopropyltoluene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Methylene Chloride	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
4-Methyl-2-pentanone	ND	ug/L		10.0	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Naphthalene	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
n-Propylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Styrene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Tetrachloroethene	**384**	ug/L		10.0	10	09/09/11 10:36	09/09/11 20:18	EML	SW846 8260B	11I0875
Tetrahydrofuran	ND	ug/L		20.0	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Toluene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
1,1,1-Trichloroethane	**781**	ug/L		10.0	10	09/09/11 10:36	09/09/11 20:18	EML	SW846 8260B	11I0875
1,1,2-Trichloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Trichloroethene	**470**	ug/L		10.0	10	09/09/11 10:36	09/09/11 20:18	EML	SW846 8260B	11I0875
Trichlorofluoromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
1,2,3-Trichloropropane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Vinyl chloride	**1.88**	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Xylenes, total	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
1,1,2-Trifluorotrichloroethane	**80.1**	ug/L		1.00	1	09/09/11 10:36	09/09/11 14:45	EML	SW846 8260B	11I0875
Surr: 1,2-Dichloroethane-d4 (70-130%)	*88 %*						09/09/11 14:45	EML	SW846 8260B	11I0875
Surr: 1,2-Dichloroethane-d4 (70-130%)	*88 %*						09/09/11 20:18	EML	SW846 8260B	11I0875
Surr: Dibromofluoromethane (70-130%)	*106 %*						09/09/11 14:45	EML	SW846 8260B	11I0875
Surr: Dibromofluoromethane (70-130%)	*106 %*						09/09/11 20:18	EML	SW846 8260B	11I0875
Surr: Toluene-d8 (70-130%)	*96 %*						09/09/11 14:45	EML	SW846 8260B	11I0875
Surr: Toluene-d8 (70-130%)	*96 %*						09/09/11 20:18	EML	SW846 8260B	11I0875
Surr: 4-Bromofluorobenzene (70-130%)	*93 %*						09/09/11 14:45	EML	SW846 8260B	11I0875
Surr: 4-Bromofluorobenzene (70-130%)	*91 %*						09/09/11 20:18	EML	SW846 8260B	11I0875

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

ANALYTICAL REPORT

Sample ID: NUI0577-04 (SW-1 - Ground Water) Sampled: 09/01/11 12:45

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	ND	ug/L		10.0	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Benzene	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Bromobenzene	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Bromochloromethane	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Bromodichloromethane	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Bromoform	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Bromomethane	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
2-Butanone	ND	ug/L		10.0	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
tert-Butylbenzene	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
n-Butylbenzene	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
sec-Butylbenzene	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Carbon disulfide	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Carbon Tetrachloride	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Chlorobenzene	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Chlorodibromomethane	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Chloroethane	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Chloroform	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Chloromethane	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
2-Chlorotoluene	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
4-Chlorotoluene	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Dibromomethane	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
1,2-Dichlorobenzene	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
1,3-Dichlorobenzene	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
1,4-Dichlorobenzene	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Dichlorodifluoromethane	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
1,2-Dichloroethane	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
1,1-Dichloroethane	**2.30**	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
1,1-Dichloroethene	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
cis-1,2-Dichloroethene	**4.40**	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
1,3-Dichloropropane	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
2,2-Dichloropropane	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
1,2-Dichloropropane	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
1,1-Dichloropropene	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Diethyl ether	ND	ug/L		2.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUI0577-04 (SW-1 - Ground Water) - cont. Sampled: 09/01/11 12:45										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L		200	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Ethylbenzene	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Hexachlorobutadiene	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
2-Hexanone	ND	ug/L		10.0	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Isopropylbenzene	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Diisopropyl Ether	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
p-Isopropyltoluene	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Methylene Chloride	ND	ug/L		2.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
4-Methyl-2-pentanone	ND	ug/L		10.0	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Naphthalene	ND	ug/L		2.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
n-Propylbenzene	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Styrene	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Tetrachloroethene	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Tetrahydrofuran	ND	ug/L		20.0	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Toluene	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
1,1,1-Trichloroethane	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
1,1,2-Trichloroethane	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Trichloroethene	**1.40**	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Trichlorofluoromethane	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
1,2,3-Trichloropropane	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Vinyl chloride	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Xylenes, total	ND	ug/L		2.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
1,1,2-Trifluorotrichloroethane	ND	ug/L		1.00	1	09/12/11 08:54	09/12/11 12:36	EML	SW846 8260B	11I2158
Surr: 1,2-Dichloroethane-d4 (70-130%)	*91 %*						09/12/11 12:36	EML	SW846 8260B	11I2158
Surr: Dibromofluoromethane (70-130%)	*103 %*						09/12/11 12:36	EML	SW846 8260B	11I2158
Surr: Toluene-d8 (70-130%)	*96 %*						09/12/11 12:36	EML	SW846 8260B	11I2158
Surr: 4-Bromofluorobenzene (70-130%)	*95 %*						09/12/11 12:36	EML	SW846 8260B	11I2158

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

ANALYTICAL REPORT

Sample ID: NUI0577-05 (SW-2 - Ground Water) Sampled: 09/01/11 13:30

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	ND	ug/L		10.0	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Benzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Bromobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Bromochloromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Bromodichloromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Bromoform	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Bromomethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
2-Butanone	ND	ug/L		10.0	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
tert-Butylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
n-Butylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
sec-Butylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Carbon disulfide	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Carbon Tetrachloride	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Chlorobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Chlorodibromomethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Chloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Chloroform	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Chloromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
2-Chlorotoluene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
4-Chlorotoluene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Dibromomethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
1,2-Dichlorobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
1,3-Dichlorobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
1,4-Dichlorobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Dichlorodifluoromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
1,2-Dichloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
1,1-Dichloroethane	**10.3**	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
1,1-Dichloroethene	**6.30**	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
cis-1,2-Dichloroethene	**160**	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
1,3-Dichloropropane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
2,2-Dichloropropane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
1,2-Dichloropropane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
1,1-Dichloropropene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Diethyl ether	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUI0577-05 (SW-2 - Ground Water) - cont. Sampled: 09/01/11 13:30										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L		200	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Ethylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Hexachlorobutadiene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
2-Hexanone	ND	ug/L		10.0	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Isopropylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Diisopropyl Ether	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
p-Isopropyltoluene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Methylene Chloride	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
4-Methyl-2-pentanone	ND	ug/L		10.0	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Naphthalene	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
n-Propylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Styrene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Tetrachloroethene	**48.8**	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Tetrahydrofuran	ND	ug/L		20.0	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Toluene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
1,1,1-Trichloroethane	**49.4**	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
1,1,2-Trichloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Trichloroethene	**31.6**	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Trichlorofluoromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
1,2,3-Trichloropropane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Vinyl chloride	**5.81**	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Xylenes, total	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
1,1,2-Trifluorotrichloroethane	**10.0**	ug/L		1.00	1	09/09/11 10:36	09/09/11 15:41	EML	SW846 8260B	11I0875
Surr: 1,2-Dichloroethane-d4 (70-130%)	*91 %*						09/09/11 15:41	EML	SW846 8260B	11I0875
Surr: Dibromofluoromethane (70-130%)	*104 %*						09/09/11 15:41	EML	SW846 8260B	11I0875
Surr: Toluene-d8 (70-130%)	*96 %*						09/09/11 15:41	EML	SW846 8260B	11I0875
Surr: 4-Bromofluorobenzene (70-130%)	*91 %*						09/09/11 15:41	EML	SW846 8260B	11I0875

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

ANALYTICAL REPORT

Sample ID: NUI0577-06 (SW-3 - Ground Water) Sampled: 09/01/11 14:15

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	ND	ug/L		10.0	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Benzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Bromobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Bromochloromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Bromodichloromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Bromoform	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Bromomethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
2-Butanone	ND	ug/L		10.0	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
tert-Butylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
n-Butylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
sec-Butylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Carbon disulfide	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Carbon Tetrachloride	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Chlorobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Chlorodibromomethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Chloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Chloroform	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Chloromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
2-Chlorotoluene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
4-Chlorotoluene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Dibromomethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
1,2-Dichlorobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
1,3-Dichlorobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
1,4-Dichlorobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Dichlorodifluoromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
1,2-Dichloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
1,1-Dichloroethane	**6.20**	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
1,1-Dichloroethene	**3.27**	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
cis-1,2-Dichloroethene	**90.3**	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
1,3-Dichloropropane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
2,2-Dichloropropane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
1,2-Dichloropropane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
1,1-Dichloropropene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Diethyl ether	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

ANALYTICAL REPORT

Sample ID: NUI0577-06 (SW-3 - Ground Water) - cont. Sampled: 09/01/11 14:15

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
1,4-Dioxane	ND	ug/L		200	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Ethylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Hexachlorobutadiene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
2-Hexanone	ND	ug/L		10.0	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Isopropylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Diisopropyl Ether	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
p-Isopropyltoluene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Methylene Chloride	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
4-Methyl-2-pentanone	ND	ug/L		10.0	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Naphthalene	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
n-Propylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Styrene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Tetrachloroethene	**27.8**	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Tetrahydrofuran	ND	ug/L		20.0	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Toluene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
1,1,1-Trichloroethane	**26.4**	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
1,1,2-Trichloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Trichloroethene	**17.5**	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Trichlorofluoromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
1,2,3-Trichloropropane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Vinyl chloride	**2.50**	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Xylenes, total	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
1,1,2-Trifluorotrichloroethane	**6.71**	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:09	EML	SW846 8260B	11I0875
Surr: 1,2-Dichloroethane-d4 (70-130%)	*89 %*						09/09/11 16:09	EML	SW846 8260B	11I0875
Surr: Dibromofluoromethane (70-130%)	*104 %*						09/09/11 16:09	EML	SW846 8260B	11I0875
Surr: Toluene-d8 (70-130%)	*97 %*						09/09/11 16:09	EML	SW846 8260B	11I0875
Surr: 4-Bromofluorobenzene (70-130%)	*92 %*						09/09/11 16:09	EML	SW846 8260B	11I0875

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUI0577-07 (CDW-14 - Ground Water) Sampled: 09/01/11 16:10										
Volatile Organic Compounds by EPA Method 8260B										
Acetone	ND	ug/L		10.0	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Benzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Bromobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Bromochloromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Bromodichloromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Bromoform	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Bromomethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
2-Butanone	ND	ug/L		10.0	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
tert-Butylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
n-Butylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
sec-Butylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Carbon disulfide	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Carbon Tetrachloride	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Chlorobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Chlorodibromomethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Chloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Chloroform	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Chloromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
2-Chlorotoluene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
4-Chlorotoluene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Dibromomethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
1,2-Dichlorobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
1,3-Dichlorobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
1,4-Dichlorobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Dichlorodifluoromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
1,2-Dichloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
1,1-Dichloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
1,1-Dichloroethene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
cis-1,2-Dichloroethene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
1,3-Dichloropropane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
2,2-Dichloropropane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
1,2-Dichloropropane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
1,1-Dichloropropene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Diethyl ether	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUI0577-07 (CDW-14 - Ground Water) - cont. Sampled: 09/01/11 16:10										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L		200	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Ethylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Hexachlorobutadiene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
2-Hexanone	ND	ug/L		10.0	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Isopropylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Diisopropyl Ether	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
p-Isopropyltoluene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Methylene Chloride	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
4-Methyl-2-pentanone	ND	ug/L		10.0	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Naphthalene	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
n-Propylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Styrene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Tetrachloroethene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Tetrahydrofuran	ND	ug/L		20.0	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Toluene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
1,1,1-Trichloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
1,1,2-Trichloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Trichloroethene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Trichlorofluoromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
1,2,3-Trichloropropane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Vinyl chloride	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Xylenes, total	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
1,1,2-Trifluorotrichloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 16:37	EML	SW846 8260B	11I0875
Surr: 1,2-Dichloroethane-d4 (70-130%)	*88 %*						09/09/11 16:37	EML	SW846 8260B	11I0875
Surr: Dibromofluoromethane (70-130%)	*104 %*						09/09/11 16:37	EML	SW846 8260B	11I0875
Surr: Toluene-d8 (70-130%)	*94 %*						09/09/11 16:37	EML	SW846 8260B	11I0875
Surr: 4-Bromofluorobenzene (70-130%)	*90 %*						09/09/11 16:37	EML	SW846 8260B	11I0875

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUI0577-08 (RW-5S - Ground Water) Sampled: 09/01/11 17:25										
General Chemistry Parameters										
Alkalinity, Total (CaCO3)	**100**	mg/L		10.0	1	09/07/11 12:58	09/07/11 15:26	JAG2	SM2320 B	11I1128
Chloride	**339**	mg/L		10.0	10	09/07/11 11:33	09/07/11 12:30	MSJ	SM4500-Cl E	11I1092
Sulfate	**20.1**	mg/L		1.00	1	09/07/11 11:35	09/07/11 13:20	MSJ	ASTM D516-90	11I1093

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	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUI0577-08 (RW-5S - Ground Water) - cont. Sampled: 09/01/11 17:25										
Methane, Ethane, and Ethene by GC										
Ethane	ND	ug/L		5.00	1	09/08/11 15:50	09/10/11 19:19	JLS2	RSK 175 M	11I1361
Ethene	ND	ug/L		5.00	1	09/08/11 15:50	09/10/11 19:19	JLS2	RSK 175 M	11I1361
Methane	**64.1**	ug/L		5.00	1	09/08/11 15:50	09/10/11 19:19	JLS2	RSK 175 M	11I1361
Surr: Acetylene (62-124%)	*91 %*						09/10/11 19:19	JLS2	RSK 175 M	11I1361

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUI0577-08 (RW-5S - Ground Water) - cont. Sampled: 09/01/11 17:25										
Total Metals by EPA 6010C										
Iron	**10.4**	mg/L		0.0500	1	09/06/11 11:10	09/06/11 18:19	jwd	SW846 6010C	11I0795
Manganese	**6.81**	mg/L		0.0150	1	09/06/11 11:10	09/06/11 18:19	jwd	SW846 6010C	11I0795

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Extracted Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUI0577-08 (RW-5S - Ground Water) - cont. Sampled: 09/01/11 17:25										
Dissolved Metals by Method 6010C										
Iron	**9.60**	mg/L		0.0500	1	09/07/11 11:20	09/08/11 16:54	AVR	SW846 6010C	11I0798
Manganese	**6.88**	mg/L		0.0150	1	09/07/11 11:20	09/08/11 16:54	AVR	SW846 6010C	11I0798

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUI0577-08 (RW-5S - Ground Water) - cont. Sampled: 09/01/11 17:25										
Volatile Organic Compounds by EPA Method 8260B										
Acetone	ND	ug/L		10.0	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Tert-Amyl Methyl Ether	**13.5**	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Benzene	**9.56**	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Bromobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Bromochloromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Bromodichloromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Bromoform	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Bromomethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
2-Butanone	ND	ug/L		10.0	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
tert-Butylbenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
n-Butylbenzene	**1.87**	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
sec-Butylbenzene	**1.57**	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Carbon disulfide	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Carbon Tetrachloride	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Chlorobenzene	**4.62**	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Chlorodibromomethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Chloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Chloroform	**8.73**	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Chloromethane	**1.18**	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
2-Chlorotoluene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
4-Chlorotoluene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Dibromomethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
1,2-Dichlorobenzene	**3.30**	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
1,3-Dichlorobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
1,4-Dichlorobenzene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Dichlorodifluoromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
1,2-Dichloroethane	**60.8**	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
1,1-Dichloroethane	**2790**	ug/L		50.0	50	09/12/11 08:54	09/12/11 13:31	EML	SW846 8260B	11I2158
1,1-Dichloroethene	**3570**	ug/L		50.0	50	09/12/11 08:54	09/12/11 13:31	EML	SW846 8260B	11I2158
trans-1,2-Dichloroethene	**132**	ug/L		50.0	50	09/12/11 08:54	09/12/11 13:31	EML	SW846 8260B	11I2158
cis-1,2-Dichloroethene	**58500**	ug/L		500	500	09/12/11 08:54	09/12/11 13:04	EML	SW846 8260B	11I2158
1,3-Dichloropropane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
2,2-Dichloropropane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
1,2-Dichloropropane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
1,1-Dichloropropene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Diethyl ether	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

ANALYTICAL REPORT

Sample ID: NUI0577-08 (RW-5S - Ground Water) - cont. Sampled: 09/01/11 17:25

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
1,4-Dioxane	**1630**	ug/L		200	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Ethylbenzene	**49.8**	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Hexachlorobutadiene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
2-Hexanone	ND	ug/L		10.0	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Isopropylbenzene	**7.21**	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Diisopropyl Ether	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
p-Isopropyltoluene	**1.33**	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Methyl tert-Butyl Ether	**6.96**	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Methylene Chloride	**23300**	ug/L		1000	500	09/12/11 08:54	09/12/11 13:04	EML	SW846 8260B	11I2158
4-Methyl-2-pentanone	**26.7**	ug/L		10.0	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Naphthalene	**55.1**	ug/L		2.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
n-Propylbenzene	**6.40**	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Styrene	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
1,1,2,2-Tetrachloroethane	**2.88**	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Tetrachloroethene	**660**	ug/L		50.0	50	09/12/11 08:54	09/12/11 13:31	EML	SW846 8260B	11I2158
Tetrahydrofuran	ND	ug/L		20.0	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Toluene	**44.2**	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
1,1,1-Trichloroethane	**2820**	ug/L		50.0	50	09/12/11 08:54	09/12/11 13:31	EML	SW846 8260B	11I2158
1,1,2-Trichloroethane	**40.6**	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Trichloroethene	**10600**	ug/L		500	500	09/12/11 08:54	09/12/11 13:04	EML	SW846 8260B	11I2158
Trichlorofluoromethane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
1,2,3-Trichloropropane	ND	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
1,3,5-Trimethylbenzene	**17.9**	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
1,2,4-Trimethylbenzene	**69.7**	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Vinyl chloride	**33.1**	ug/L		1.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
Xylenes, total	**110**	ug/L		2.00	1	09/09/11 10:36	09/09/11 17:04	EML	SW846 8260B	11I0875
1,1,2-Trifluorotrichloroethane	**7160**	ug/L		50.0	50	09/12/11 08:54	09/12/11 13:31	EML	SW846 8260B	11I2158
Surr: 1,2-Dichloroethane-d4 (70-130%)	*89 %*						09/09/11 17:04	EML	SW846 8260B	11I0875
Surr: 1,2-Dichloroethane-d4 (70-130%)	*90 %*						09/12/11 13:31	EML	SW846 8260B	11I2158
Surr: 1,2-Dichloroethane-d4 (70-130%)	*90 %*						09/12/11 13:04	EML	SW846 8260B	11I2158
Surr: Dibromofluoromethane (70-130%)	*98 %*						09/09/11 17:04	EML	SW846 8260B	11I0875
Surr: Dibromofluoromethane (70-130%)	*100 %*						09/12/11 13:31	EML	SW846 8260B	11I2158
Surr: Dibromofluoromethane (70-130%)	*98 %*						09/12/11 13:04	EML	SW846 8260B	11I2158
Surr: Toluene-d8 (70-130%)	*96 %*						09/09/11 17:04	EML	SW846 8260B	11I0875
Surr: Toluene-d8 (70-130%)	*96 %*						09/12/11 13:31	EML	SW846 8260B	11I2158
Surr: Toluene-d8 (70-130%)	*97 %*						09/12/11 13:04	EML	SW846 8260B	11I2158

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUI0577-08 (RW-5S - Ground Water) - cont. Sampled: 09/01/11 17:25										
Volatile Organic Compounds by EPA Method 8260B - cont.										
Surr: 4-Bromofluorobenzene (70-130%)	*94 %*						09/09/11 17:04	EML	SW846 8260B	11I0875
Surr: 4-Bromofluorobenzene (70-130%)	*93 %*						09/12/11 13:31	EML	SW846 8260B	11I2158
Surr: 4-Bromofluorobenzene (70-130%)	*94 %*						09/12/11 13:04	EML	SW846 8260B	11I2158

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extract Vol	Date	Analyst	Extraction Method
Dissolved Metals by Method 6010C							
SW846 6010C	11I0798	NUI0577-02	50.00	50.00	09/07/11 11:20	CAT	EPA 3010A / 6010 D
SW846 6010C	11I0798	NUI0577-02	50.00	50.00	09/07/11 11:20	CAT	EPA 3010A / 6010 D
SW846 6010C	11I0798	NUI0577-08	50.00	50.00	09/07/11 11:20	CAT	EPA 3010A / 6010 D
SW846 6010C	11I0798	NUI0577-08	50.00	50.00	09/07/11 11:20	CAT	EPA 3010A / 6010 D
Total Metals by EPA 6010C							
SW846 6010C	11I0795	NUI0577-02	50.00	50.00	09/06/11 11:10	ALJ	EPA 3010A / 6010
SW846 6010C	11I0795	NUI0577-02	50.00	50.00	09/06/11 11:10	ALJ	EPA 3010A / 6010
SW846 6010C	11I0795	NUI0577-08	50.00	50.00	09/06/11 11:10	ALJ	EPA 3010A / 6010
SW846 6010C	11I0795	NUI0577-08	50.00	50.00	09/06/11 11:10	ALJ	EPA 3010A / 6010

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Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
General Chemistry Parameters						
11I1092-BLK1						
Chloride	<0.500		mg/L	11I1092	11I1092-BLK1	09/07/11 12:30
11I1093-BLK1						
Sulfate	0.630		mg/L	11I1093	11I1093-BLK1	09/07/11 13:20
11I1128-BLK1						
Alkalinity, Total (CaCO3)	<5.00		mg/L	11I1128	11I1128-BLK1	09/07/11 14:44
Methane, Ethane, and Ethene by GC						
11I1361-BLK1						
Ethane	<3.00		ug/L	11I1361	11I1361-BLK1	09/10/11 18:15
Ethene	<3.00		ug/L	11I1361	11I1361-BLK1	09/10/11 18:15
Methane	<3.00		ug/L	11I1361	11I1361-BLK1	09/10/11 18:15
Surrogate: Acetylene	91%			11I1361	11I1361-BLK1	09/10/11 18:15
Surrogate: Acetylene	91%			11I1361	11I1361-BLK1	09/10/11 18:15
Surrogate: Acetylene	91%			11I1361	11I1361-BLK1	09/10/11 18:15
Total Metals by EPA 6010C						
11I0795-BLK1						
Iron	<0.0250		mg/L	11I0795	11I0795-BLK1	09/06/11 17:26
Manganese	<0.00750		mg/L	11I0795	11I0795-BLK1	09/06/11 17:26
Dissolved Metals by Method 6010C						
11I0798-BLK1						
Iron	0.0367		mg/L	11I0798	11I0798-BLK1	09/08/11 15:33
Manganese	<0.00750		mg/L	11I0798	11I0798-BLK1	09/08/11 15:33
Volatile Organic Compounds by EPA Method 8260B						
11I0875-BLK1						
Acetone	<10.0		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Tert-Amyl Methyl Ether	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Benzene	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Bromobenzene	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Bromochloromethane	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Bromodichloromethane	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Bromoform	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Bromomethane	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
2-Butanone	<10.0		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
tert-Butylbenzene	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
n-Butylbenzene	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
sec-Butylbenzene	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11I0875-BLK1						
Carbon disulfide	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Carbon Tetrachloride	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Chlorobenzene	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Chlorodibromomethane	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Chloroethane	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Chloroform	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Chloromethane	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
2-Chlorotoluene	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
4-Chlorotoluene	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
1,2-Dibromo-3-chloropropane	<2.00		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
1,2-Dibromoethane (EDB)	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Dibromomethane	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
1,2-Dichlorobenzene	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
1,3-Dichlorobenzene	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
1,4-Dichlorobenzene	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Dichlorodifluoromethane	<0.600		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
1,2-Dichloroethane	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
1,1-Dichloroethane	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
1,1-Dichloroethene	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
trans-1,2-Dichloroethene	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
cis-1,2-Dichloroethene	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
1,3-Dichloropropane	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
2,2-Dichloropropane	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
1,2-Dichloropropane	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
trans-1,3-Dichloropropene	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
1,1-Dichloropropene	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
cis-1,3-Dichloropropene	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Diethyl ether	<2.00		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
1,4-Dioxane	<100		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Ethylbenzene	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Ethyl tert-Butyl Ether	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Hexachlorobutadiene	<1.00		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
2-Hexanone	<5.00		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Isopropylbenzene	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Diisopropyl Ether	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
p-Isopropyltoluene	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Methyl tert-Butyl Ether	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Methylene Chloride	<2.00		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
4-Methyl-2-pentanone	<5.00		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Naphthalene	<2.00		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
n-Propylbenzene	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11I0875-BLK1						
Styrene	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
1,1,2,2-Tetrachloroethane	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
1,1,1,2-Tetrachloroethane	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Tetrachloroethene	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Tetrahydrofuran	<10.0		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Toluene	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
1,2,4-Trichlorobenzene	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
1,2,3-Trichlorobenzene	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
1,1,1-Trichloroethane	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
1,1,2-Trichloroethane	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Trichloroethene	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Trichlorofluoromethane	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
1,2,3-Trichloropropane	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
1,3,5-Trimethylbenzene	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
1,2,4-Trimethylbenzene	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Vinyl chloride	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Xylenes, total	<1.50		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
1,1,2-Trifluorotrichloroethane	<0.500		ug/L	11I0875	11I0875-BLK1	09/09/11 13:22
Surrogate: 1,2-Dichloroethane-d4	88%			11I0875	11I0875-BLK1	09/09/11 13:22
Surrogate: Dibromofluoromethane	97%			11I0875	11I0875-BLK1	09/09/11 13:22
Surrogate: Toluene-d8	96%			11I0875	11I0875-BLK1	09/09/11 13:22
Surrogate: 4-Bromofluorobenzene	92%			11I0875	11I0875-BLK1	09/09/11 13:22
11I2158-BLK1						
Acetone	<10.0		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Tert-Amyl Methyl Ether	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Benzene	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Bromobenzene	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Bromochloromethane	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Bromodichloromethane	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Bromoform	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Bromomethane	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
2-Butanone	<10.0		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
tert-Butylbenzene	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
n-Butylbenzene	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
sec-Butylbenzene	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Carbon disulfide	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Carbon Tetrachloride	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Chlorobenzene	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Chlorodibromomethane	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Chloroethane	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11I2158-BLK1						
Chloroform	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Chloromethane	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
2-Chlorotoluene	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
4-Chlorotoluene	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
1,2-Dibromo-3-chloropropane	<2.00		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
1,2-Dibromoethane (EDB)	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Dibromomethane	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
1,2-Dichlorobenzene	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
1,3-Dichlorobenzene	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
1,4-Dichlorobenzene	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Dichlorodifluoromethane	<0.600		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
1,2-Dichloroethane	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
1,1-Dichloroethane	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
1,1-Dichloroethene	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
trans-1,2-Dichloroethene	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
cis-1,2-Dichloroethene	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
1,3-Dichloropropane	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
2,2-Dichloropropane	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
1,2-Dichloropropane	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
trans-1,3-Dichloropropene	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
1,1-Dichloropropene	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
cis-1,3-Dichloropropene	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Diethyl ether	<2.00		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
1,4-Dioxane	<100		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Ethylbenzene	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Ethyl tert-Butyl Ether	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Hexachlorobutadiene	<1.00		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
2-Hexanone	<5.00		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Isopropylbenzene	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Diisopropyl Ether	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
p-Isopropyltoluene	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Methyl tert-Butyl Ether	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Methylene Chloride	<2.00		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
4-Methyl-2-pentanone	<5.00		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Naphthalene	<2.00		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
n-Propylbenzene	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Styrene	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
1,1,2,2-Tetrachloroethane	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
1,1,1,2-Tetrachloroethane	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Tetrachloroethene	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Tetrahydrofuran	<10.0		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11I2158-BLK1						
Toluene	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
1,2,4-Trichlorobenzene	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
1,2,3-Trichlorobenzene	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
1,1,1-Trichloroethane	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
1,1,2-Trichloroethane	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Trichloroethene	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Trichlorofluoromethane	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
1,2,3-Trichloropropane	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
1,3,5-Trimethylbenzene	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
1,2,4-Trimethylbenzene	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Vinyl chloride	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Xylenes, total	<1.50		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
1,1,2-Trifluorotrichloroethane	<0.500		ug/L	11I2158	11I2158-BLK1	09/12/11 12:08
Surrogate: 1,2-Dichloroethane-d4	89%			11I2158	11I2158-BLK1	09/12/11 12:08
Surrogate: Dibromofluoromethane	96%			11I2158	11I2158-BLK1	09/12/11 12:08
Surrogate: Toluene-d8	96%			11I2158	11I2158-BLK1	09/12/11 12:08
Surrogate: 4-Bromofluorobenzene	94%			11I2158	11I2158-BLK1	09/12/11 12:08

TestAmerica
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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

PROJECT QUALITY CONTROL DATA

Duplicate

Analyte	Orig. Val.	Duplicate	Q	Units	RPD	Limit	Batch	Sample Duplicated	% Rec.	Analyzed Date/Time
General Chemistry Parameters										
11I1092-DUP1										
Chloride	339	336		mg/L	0.9	20	11I1092	NUI0577-08		09/07/11 12:30

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
General Chemistry Parameters								
11I1092-BS1								
Chloride	10.0	9.58		mg/L	96%	90 - 110	11I1092	09/07/11 12:30
11I1093-BS1								
Sulfate	10.0	10.3		mg/L	103%	90 - 110	11I1093	09/07/11 13:20
11I1128-BS1								
Alkalinity, Total (CaCO3)	100	92.8		mg/L	93%	90 - 110	11I1128	09/07/11 14:50
Methane, Ethane, and Ethene by GC								
11I1361-BS1								
Ethane	512	541		ug/L	106%	80 - 120	11I1361	09/10/11 18:17
Ethene	479	507		ug/L	106%	80 - 120	11I1361	09/10/11 18:17
Methane	273	287		ug/L	105%	80 - 120	11I1361	09/10/11 18:17
Surrogate: Acetylene	450	423			94%	62 - 124	11I1361	09/10/11 18:17
Surrogate: Acetylene	450	423			94%	62 - 124	11I1361	09/10/11 18:17
Surrogate: Acetylene	450	423			94%	62 - 124	11I1361	09/10/11 18:17
Total Metals by EPA 6010C								
11I0795-BS1								
Iron	1.00	1.05		mg/L	105%	80 - 120	11I0795	09/06/11 17:30
Manganese	0.500	0.525		mg/L	105%	80 - 120	11I0795	09/06/11 17:30
Dissolved Metals by Method 6010C								
11I0798-BS1								
Iron	1.00	1.05		mg/L	105%	80 - 120	11I0798	09/08/11 15:37
Manganese	0.500	0.527		mg/L	105%	80 - 120	11I0798	09/08/11 15:37
Volatile Organic Compounds by EPA Method 8260B								
11I0875-BS1								
Acetone	250	218		ug/L	87%	70 - 130	11I0875	09/09/11 11:31
Tert-Amyl Methyl Ether	50.0	45.9		ug/L	92%	70 - 130	11I0875	09/09/11 11:31
Benzene	50.0	51.2		ug/L	102%	70 - 130	11I0875	09/09/11 11:31
Bromobenzene	50.0	45.1		ug/L	90%	70 - 130	11I0875	09/09/11 11:31
Bromochloromethane	50.0	48.9		ug/L	98%	70 - 130	11I0875	09/09/11 11:31
Bromodichloromethane	50.0	50.8		ug/L	102%	70 - 130	11I0875	09/09/11 11:31
Bromoform	50.0	53.7		ug/L	107%	70 - 130	11I0875	09/09/11 11:31
Bromomethane	50.0	41.1		ug/L	82%	70 - 130	11I0875	09/09/11 11:31
2-Butanone	250	207		ug/L	83%	70 - 130	11I0875	09/09/11 11:31
tert-Butylbenzene	50.0	47.8		ug/L	96%	70 - 130	11I0875	09/09/11 11:31
n-Butylbenzene	50.0	48.8		ug/L	98%	70 - 130	11I0875	09/09/11 11:31
sec-Butylbenzene	50.0	48.7		ug/L	97%	70 - 130	11I0875	09/09/11 11:31

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11I0875-BS1								
Carbon disulfide	50.0	43.1		ug/L	86%	70 - 130	11I0875	09/09/11 11:31
Carbon Tetrachloride	50.0	52.8		ug/L	106%	70 - 130	11I0875	09/09/11 11:31
Chlorobenzene	50.0	48.0		ug/L	96%	70 - 130	11I0875	09/09/11 11:31
Chlorodibromomethane	50.0	52.5		ug/L	105%	70 - 130	11I0875	09/09/11 11:31
Chloroethane	50.0	45.1		ug/L	90%	70 - 130	11I0875	09/09/11 11:31
Chloroform	50.0	46.8		ug/L	94%	70 - 130	11I0875	09/09/11 11:31
Chloromethane	50.0	43.1		ug/L	86%	70 - 130	11I0875	09/09/11 11:31
2-Chlorotoluene	50.0	44.9		ug/L	90%	70 - 130	11I0875	09/09/11 11:31
4-Chlorotoluene	50.0	45.2		ug/L	90%	70 - 130	11I0875	09/09/11 11:31
1,2-Dibromo-3-chloropropane	50.0	50.2		ug/L	100%	70 - 130	11I0875	09/09/11 11:31
1,2-Dibromoethane (EDB)	50.0	49.8		ug/L	100%	70 - 130	11I0875	09/09/11 11:31
Dibromomethane	50.0	48.9		ug/L	98%	70 - 130	11I0875	09/09/11 11:31
1,2-Dichlorobenzene	50.0	49.6		ug/L	99%	70 - 130	11I0875	09/09/11 11:31
1,3-Dichlorobenzene	50.0	48.9		ug/L	98%	70 - 130	11I0875	09/09/11 11:31
1,4-Dichlorobenzene	50.0	48.8		ug/L	98%	70 - 130	11I0875	09/09/11 11:31
Dichlorodifluoromethane	50.0	47.6		ug/L	95%	70 - 130	11I0875	09/09/11 11:31
1,2-Dichloroethane	50.0	43.4		ug/L	87%	70 - 130	11I0875	09/09/11 11:31
1,1-Dichloroethane	50.0	44.0		ug/L	88%	70 - 130	11I0875	09/09/11 11:31
1,1-Dichloroethene	50.0	48.2		ug/L	96%	70 - 130	11I0875	09/09/11 11:31
trans-1,2-Dichloroethene	50.0	43.3		ug/L	87%	70 - 130	11I0875	09/09/11 11:31
cis-1,2-Dichloroethene	50.0	43.6		ug/L	87%	70 - 130	11I0875	09/09/11 11:31
1,3-Dichloropropane	50.0	46.1		ug/L	92%	70 - 130	11I0875	09/09/11 11:31
2,2-Dichloropropane	50.0	43.9		ug/L	88%	70 - 130	11I0875	09/09/11 11:31
1,2-Dichloropropane	50.0	46.9		ug/L	94%	70 - 130	11I0875	09/09/11 11:31
trans-1,3-Dichloropropene	50.0	47.5		ug/L	95%	70 - 130	11I0875	09/09/11 11:31
1,1-Dichloropropene	50.0	48.8		ug/L	98%	70 - 130	11I0875	09/09/11 11:31
cis-1,3-Dichloropropene	50.0	50.7		ug/L	101%	70 - 130	11I0875	09/09/11 11:31
Diethyl ether	50.0	45.5		ug/L	91%	70 - 130	11I0875	09/09/11 11:31
1,4-Dioxane	5000	4690		ug/L	94%	70 - 130	11I0875	09/09/11 11:31
Ethylbenzene	50.0	48.2		ug/L	96%	70 - 130	11I0875	09/09/11 11:31
Ethyl tert-Butyl Ether	50.0	39.3		ug/L	79%	70 - 130	11I0875	09/09/11 11:31
Hexachlorobutadiene	50.0	43.2		ug/L	86%	70 - 130	11I0875	09/09/11 11:31
2-Hexanone	250	239		ug/L	96%	70 - 130	11I0875	09/09/11 11:31
Isopropylbenzene	50.0	52.1		ug/L	104%	70 - 130	11I0875	09/09/11 11:31
Diisopropyl Ether	50.0	40.2		ug/L	80%	70 - 130	11I0875	09/09/11 11:31
p-Isopropyltoluene	50.0	47.3		ug/L	95%	70 - 130	11I0875	09/09/11 11:31
Methyl tert-Butyl Ether	50.0	42.8		ug/L	86%	70 - 130	11I0875	09/09/11 11:31
Methylene Chloride	50.0	48.3		ug/L	97%	70 - 130	11I0875	09/09/11 11:31
4-Methyl-2-pentanone	250	228		ug/L	91%	70 - 130	11I0875	09/09/11 11:31
Naphthalene	50.0	52.8		ug/L	106%	70 - 130	11I0875	09/09/11 11:31
n-Propylbenzene	50.0	48.1		ug/L	96%	70 - 130	11I0875	09/09/11 11:31

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11I0875-BS1								
Styrene	50.0	47.0		ug/L	94%	70 - 130	11I0875	09/09/11 11:31
1,1,2,2-Tetrachloroethane	50.0	47.4		ug/L	95%	70 - 130	11I0875	09/09/11 11:31
1,1,1,2-Tetrachloroethane	50.0	49.6		ug/L	99%	70 - 130	11I0875	09/09/11 11:31
Tetrachloroethene	50.0	51.0		ug/L	102%	70 - 130	11I0875	09/09/11 11:31
Tetrahydrofuran	500	405		ug/L	81%	70 - 130	11I0875	09/09/11 11:31
Toluene	50.0	48.5		ug/L	97%	70 - 130	11I0875	09/09/11 11:31
1,2,4-Trichlorobenzene	50.0	56.3		ug/L	113%	70 - 130	11I0875	09/09/11 11:31
1,2,3-Trichlorobenzene	50.0	55.8		ug/L	112%	70 - 130	11I0875	09/09/11 11:31
1,1,1-Trichloroethane	50.0	50.4		ug/L	101%	70 - 130	11I0875	09/09/11 11:31
1,1,2-Trichloroethane	50.0	47.6		ug/L	95%	70 - 130	11I0875	09/09/11 11:31
Trichloroethene	50.0	53.6		ug/L	107%	70 - 130	11I0875	09/09/11 11:31
Trichlorofluoromethane	50.0	46.2		ug/L	92%	70 - 130	11I0875	09/09/11 11:31
1,2,3-Trichloropropane	50.0	45.6		ug/L	91%	70 - 130	11I0875	09/09/11 11:31
1,3,5-Trimethylbenzene	50.0	46.5		ug/L	93%	70 - 130	11I0875	09/09/11 11:31
1,2,4-Trimethylbenzene	50.0	46.8		ug/L	94%	70 - 130	11I0875	09/09/11 11:31
Vinyl chloride	50.0	48.0		ug/L	96%	70 - 130	11I0875	09/09/11 11:31
Xylenes, total	150	138		ug/L	92%	70 - 130	11I0875	09/09/11 11:31
1,1,2-Trifluorotrichloroethane	50.0	50.1		ug/L	100%	70 - 130	11I0875	09/09/11 11:31
Surrogate: 1,2-Dichloroethane-d4	25.0	21.4			85%	70 - 130	11I0875	09/09/11 11:31
Surrogate: Dibromofluoromethane	25.0	25.4			102%	70 - 130	11I0875	09/09/11 11:31
Surrogate: Toluene-d8	25.0	24.2			97%	70 - 130	11I0875	09/09/11 11:31
Surrogate: 4-Bromofluorobenzene	25.0	23.8			95%	70 - 130	11I0875	09/09/11 11:31
11I2158-BS1								
Acetone	250	252		ug/L	101%	70 - 130	11I2158	09/12/11 10:17
Tert-Amyl Methyl Ether	50.0	46.9		ug/L	94%	70 - 130	11I2158	09/12/11 10:17
Benzene	50.0	50.6		ug/L	101%	70 - 130	11I2158	09/12/11 10:17
Bromobenzene	50.0	46.0		ug/L	92%	70 - 130	11I2158	09/12/11 10:17
Bromochloromethane	50.0	48.2		ug/L	96%	70 - 130	11I2158	09/12/11 10:17
Bromodichloromethane	50.0	50.7		ug/L	101%	70 - 130	11I2158	09/12/11 10:17
Bromoform	50.0	53.2		ug/L	106%	70 - 130	11I2158	09/12/11 10:17
Bromomethane	50.0	37.1		ug/L	74%	70 - 130	11I2158	09/12/11 10:17
2-Butanone	250	213		ug/L	85%	70 - 130	11I2158	09/12/11 10:17
tert-Butylbenzene	50.0	47.2		ug/L	94%	70 - 130	11I2158	09/12/11 10:17
n-Butylbenzene	50.0	48.5		ug/L	97%	70 - 130	11I2158	09/12/11 10:17
sec-Butylbenzene	50.0	48.0		ug/L	96%	70 - 130	11I2158	09/12/11 10:17
Carbon disulfide	50.0	42.4		ug/L	85%	70 - 130	11I2158	09/12/11 10:17
Carbon Tetrachloride	50.0	52.2		ug/L	104%	70 - 130	11I2158	09/12/11 10:17
Chlorobenzene	50.0	47.2		ug/L	94%	70 - 130	11I2158	09/12/11 10:17
Chlorodibromomethane	50.0	52.7		ug/L	105%	70 - 130	11I2158	09/12/11 10:17
Chloroethane	50.0	44.6		ug/L	89%	70 - 130	11I2158	09/12/11 10:17

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11I2158-BS1								
Chloroform	50.0	46.4		ug/L	93%	70 - 130	11I2158	09/12/11 10:17
Chloromethane	50.0	42.5		ug/L	85%	70 - 130	11I2158	09/12/11 10:17
2-Chlorotoluene	50.0	45.0		ug/L	90%	70 - 130	11I2158	09/12/11 10:17
4-Chlorotoluene	50.0	45.8		ug/L	92%	70 - 130	11I2158	09/12/11 10:17
1,2-Dibromo-3-chloropropane	50.0	51.5		ug/L	103%	70 - 130	11I2158	09/12/11 10:17
1,2-Dibromoethane (EDB)	50.0	51.1		ug/L	102%	70 - 130	11I2158	09/12/11 10:17
Dibromomethane	50.0	50.9		ug/L	102%	70 - 130	11I2158	09/12/11 10:17
1,2-Dichlorobenzene	50.0	50.2		ug/L	100%	70 - 130	11I2158	09/12/11 10:17
1,3-Dichlorobenzene	50.0	49.5		ug/L	99%	70 - 130	11I2158	09/12/11 10:17
1,4-Dichlorobenzene	50.0	49.4		ug/L	99%	70 - 130	11I2158	09/12/11 10:17
Dichlorodifluoromethane	50.0	50.8		ug/L	102%	70 - 130	11I2158	09/12/11 10:17
1,2-Dichloroethane	50.0	44.8		ug/L	90%	70 - 130	11I2158	09/12/11 10:17
1,1-Dichloroethane	50.0	44.7		ug/L	89%	70 - 130	11I2158	09/12/11 10:17
1,1-Dichloroethene	50.0	47.1		ug/L	94%	70 - 130	11I2158	09/12/11 10:17
trans-1,2-Dichloroethene	50.0	43.7		ug/L	87%	70 - 130	11I2158	09/12/11 10:17
cis-1,2-Dichloroethene	50.0	44.4		ug/L	89%	70 - 130	11I2158	09/12/11 10:17
1,3-Dichloropropane	50.0	46.7		ug/L	93%	70 - 130	11I2158	09/12/11 10:17
2,2-Dichloropropane	50.0	46.4		ug/L	93%	70 - 130	11I2158	09/12/11 10:17
1,2-Dichloropropane	50.0	48.4		ug/L	97%	70 - 130	11I2158	09/12/11 10:17
trans-1,3-Dichloropropene	50.0	48.7		ug/L	97%	70 - 130	11I2158	09/12/11 10:17
1,1-Dichloropropene	50.0	48.6		ug/L	97%	70 - 130	11I2158	09/12/11 10:17
cis-1,3-Dichloropropene	50.0	51.8		ug/L	104%	70 - 130	11I2158	09/12/11 10:17
Diethyl ether	50.0	45.9		ug/L	92%	70 - 130	11I2158	09/12/11 10:17
1,4-Dioxane	5000	4890		ug/L	98%	70 - 130	11I2158	09/12/11 10:17
Ethylbenzene	50.0	47.5		ug/L	95%	70 - 130	11I2158	09/12/11 10:17
Ethyl tert-Butyl Ether	50.0	40.7		ug/L	81%	70 - 130	11I2158	09/12/11 10:17
Hexachlorobutadiene	50.0	43.6		ug/L	87%	70 - 130	11I2158	09/12/11 10:17
2-Hexanone	250	250		ug/L	100%	70 - 130	11I2158	09/12/11 10:17
Isopropylbenzene	50.0	51.0		ug/L	102%	70 - 130	11I2158	09/12/11 10:17
Diisopropyl Ether	50.0	41.4		ug/L	83%	70 - 130	11I2158	09/12/11 10:17
p-Isopropyltoluene	50.0	46.8		ug/L	94%	70 - 130	11I2158	09/12/11 10:17
Methyl tert-Butyl Ether	50.0	43.8		ug/L	88%	70 - 130	11I2158	09/12/11 10:17
Methylene Chloride	50.0	47.3		ug/L	95%	70 - 130	11I2158	09/12/11 10:17
4-Methyl-2-pentanone	250	231		ug/L	92%	70 - 130	11I2158	09/12/11 10:17
Naphthalene	50.0	53.8		ug/L	108%	70 - 130	11I2158	09/12/11 10:17
n-Propylbenzene	50.0	47.6		ug/L	95%	70 - 130	11I2158	09/12/11 10:17
Styrene	50.0	47.2		ug/L	94%	70 - 130	11I2158	09/12/11 10:17
1,1,2,2-Tetrachloroethane	50.0	48.0		ug/L	96%	70 - 130	11I2158	09/12/11 10:17
1,1,1,2-Tetrachloroethane	50.0	48.8		ug/L	98%	70 - 130	11I2158	09/12/11 10:17
Tetrachloroethene	50.0	50.3		ug/L	101%	70 - 130	11I2158	09/12/11 10:17
Tetrahydrofuran	500	408		ug/L	82%	70 - 130	11I2158	09/12/11 10:17

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11I2158-BS1								
Toluene	50.0	47.9		ug/L	96%	70 - 130	11I2158	09/12/11 10:17
1,2,4-Trichlorobenzene	50.0	57.2		ug/L	114%	70 - 130	11I2158	09/12/11 10:17
1,2,3-Trichlorobenzene	50.0	56.3		ug/L	113%	70 - 130	11I2158	09/12/11 10:17
1,1,1-Trichloroethane	50.0	49.8		ug/L	100%	70 - 130	11I2158	09/12/11 10:17
1,1,2-Trichloroethane	50.0	47.8		ug/L	96%	70 - 130	11I2158	09/12/11 10:17
Trichloroethene	50.0	53.3		ug/L	107%	70 - 130	11I2158	09/12/11 10:17
Trichlorofluoromethane	50.0	45.8		ug/L	92%	70 - 130	11I2158	09/12/11 10:17
1,2,3-Trichloropropane	50.0	46.3		ug/L	93%	70 - 130	11I2158	09/12/11 10:17
1,3,5-Trimethylbenzene	50.0	46.6		ug/L	93%	70 - 130	11I2158	09/12/11 10:17
1,2,4-Trimethylbenzene	50.0	46.9		ug/L	94%	70 - 130	11I2158	09/12/11 10:17
Vinyl chloride	50.0	46.8		ug/L	94%	70 - 130	11I2158	09/12/11 10:17
Xylenes, total	150	137		ug/L	91%	70 - 130	11I2158	09/12/11 10:17
1,1,2-Trifluorotrichloroethane	50.0	49.6		ug/L	99%	70 - 130	11I2158	09/12/11 10:17
Surrogate: 1,2-Dichloroethane-d4	25.0	21.5			86%	70 - 130	11I2158	09/12/11 10:17
Surrogate: Dibromofluoromethane	25.0	25.2			101%	70 - 130	11I2158	09/12/11 10:17
Surrogate: Toluene-d8	25.0	24.0			96%	70 - 130	11I2158	09/12/11 10:17
Surrogate: 4-Bromofluorobenzene	25.0	24.1			96%	70 - 130	11I2158	09/12/11 10:17

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Methane, Ethane, and Ethene by GC												
11I1361-BSD1												
Ethane		541		ug/L	512	106%	80 - 120	0.03	30	11I1361		09/10/11 18:20
Ethene		506		ug/L	479	106%	80 - 120	0.2	29	11I1361		09/10/11 18:20
Methane		287		ug/L	273	105%	80 - 120	0.02	33	11I1361		09/10/11 18:20
Surrogate: Acetylene		409		ug/L	450	91%	62 - 124			11I1361		09/10/11 18:20
Surrogate: Acetylene		409		ug/L	450	91%	62 - 124			11I1361		09/10/11 18:20
Surrogate: Acetylene		409		ug/L	450	91%	62 - 124			11I1361		09/10/11 18:20
Total Metals by EPA 6010C												
11I0795-BSD1												
Iron		1.06		mg/L	1.00	106%	80 - 120	0.5	20	11I0795		09/06/11 17:33
Manganese		0.521		mg/L	0.500	104%	80 - 120	0.9	20	11I0795		09/06/11 17:33
Dissolved Metals by Method 6010C												
11I0798-BSD1												
Iron		1.04		mg/L	1.00	104%	80 - 120	1	20	11I0798		09/08/11 15:40
Manganese		0.523		mg/L	0.500	105%	80 - 120	0.8	20	11I0798		09/08/11 15:40
Volatile Organic Compounds by EPA Method 8260B												
11I0875-BSD1												
Acetone		228		ug/L	250	91%	70 - 130	5	20	11I0875		09/09/11 11:59
Tert-Amyl Methyl Ether		47.6		ug/L	50.0	95%	70 - 130	3	20	11I0875		09/09/11 11:59
Benzene		51.9		ug/L	50.0	104%	70 - 130	1	20	11I0875		09/09/11 11:59
Bromobenzene		46.4		ug/L	50.0	93%	70 - 130	3	20	11I0875		09/09/11 11:59
Bromochloromethane		49.6		ug/L	50.0	99%	70 - 130	1	20	11I0875		09/09/11 11:59
Bromodichloromethane		52.0		ug/L	50.0	104%	70 - 130	2	20	11I0875		09/09/11 11:59
Bromoform		56.5		ug/L	50.0	113%	70 - 130	5	20	11I0875		09/09/11 11:59
Bromomethane		41.7		ug/L	50.0	83%	70 - 130	1	20	11I0875		09/09/11 11:59
2-Butanone		217		ug/L	250	87%	70 - 130	5	20	11I0875		09/09/11 11:59
tert-Butylbenzene		48.7		ug/L	50.0	97%	70 - 130	2	20	11I0875		09/09/11 11:59
n-Butylbenzene		49.7		ug/L	50.0	99%	70 - 130	2	20	11I0875		09/09/11 11:59
sec-Butylbenzene		49.9		ug/L	50.0	100%	70 - 130	2	20	11I0875		09/09/11 11:59
Carbon disulfide		43.8		ug/L	50.0	88%	70 - 130	2	20	11I0875		09/09/11 11:59
Carbon Tetrachloride		52.6		ug/L	50.0	105%	70 - 130	0.4	20	11I0875		09/09/11 11:59
Chlorobenzene		48.7		ug/L	50.0	97%	70 - 130	2	20	11I0875		09/09/11 11:59
Chlorodibromomethane		54.8		ug/L	50.0	110%	70 - 130	4	20	11I0875		09/09/11 11:59
Chloroethane		45.5		ug/L	50.0	91%	70 - 130	0.7	20	11I0875		09/09/11 11:59
Chloroform		47.4		ug/L	50.0	95%	70 - 130	1	20	11I0875		09/09/11 11:59
Chloromethane		42.7		ug/L	50.0	85%	70 - 130	0.9	20	11I0875		09/09/11 11:59
2-Chlorotoluene		46.0		ug/L	50.0	92%	70 - 130	2	20	11I0875		09/09/11 11:59
4-Chlorotoluene		46.5		ug/L	50.0	93%	70 - 130	3	20	11I0875		09/09/11 11:59
1,2-Dibromo-3-chloropropane		52.2		ug/L	50.0	104%	70 - 130	4	20	11I0875		09/09/11 11:59

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11I0875-BSD1												
1,2-Dibromoethane (EDB)		52.2		ug/L	50.0	104%	70 - 130	5	20	11I0875		09/09/11 11:59
Dibromomethane		51.6		ug/L	50.0	103%	70 - 130	5	20	11I0875		09/09/11 11:59
1,2-Dichlorobenzene		51.3		ug/L	50.0	103%	70 - 130	3	20	11I0875		09/09/11 11:59
1,3-Dichlorobenzene		49.7		ug/L	50.0	99%	70 - 130	2	20	11I0875		09/09/11 11:59
1,4-Dichlorobenzene		49.9		ug/L	50.0	100%	70 - 130	2	20	11I0875		09/09/11 11:59
Dichlorodifluoromethane		48.2		ug/L	50.0	96%	70 - 130	1	20	11I0875		09/09/11 11:59
1,2-Dichloroethane		44.6		ug/L	50.0	89%	70 - 130	3	20	11I0875		09/09/11 11:59
1,1-Dichloroethane		44.6		ug/L	50.0	89%	70 - 130	1	20	11I0875		09/09/11 11:59
1,1-Dichloroethene		48.8		ug/L	50.0	98%	70 - 130	1	20	11I0875		09/09/11 11:59
trans-1,2-Dichloroethene		44.0		ug/L	50.0	88%	70 - 130	2	20	11I0875		09/09/11 11:59
cis-1,2-Dichloroethene		44.3		ug/L	50.0	89%	70 - 130	2	20	11I0875		09/09/11 11:59
1,3-Dichloropropane		48.2		ug/L	50.0	96%	70 - 130	4	20	11I0875		09/09/11 11:59
2,2-Dichloropropane		44.1		ug/L	50.0	88%	70 - 130	0.5	20	11I0875		09/09/11 11:59
1,2-Dichloropropane		47.6		ug/L	50.0	95%	70 - 130	2	20	11I0875		09/09/11 11:59
trans-1,3-Dichloropropene		49.3		ug/L	50.0	99%	70 - 130	4	20	11I0875		09/09/11 11:59
1,1-Dichloropropene		49.0		ug/L	50.0	98%	70 - 130	0.5	20	11I0875		09/09/11 11:59
cis-1,3-Dichloropropene		52.2		ug/L	50.0	104%	70 - 130	3	20	11I0875		09/09/11 11:59
Diethyl ether		46.3		ug/L	50.0	93%	70 - 130	2	20	11I0875		09/09/11 11:59
1,4-Dioxane		5530		ug/L	5000	111%	70 - 130	16	20	11I0875		09/09/11 11:59
Ethylbenzene		49.1		ug/L	50.0	98%	70 - 130	2	20	11I0875		09/09/11 11:59
Ethyl tert-Butyl Ether		40.8		ug/L	50.0	82%	70 - 130	4	20	11I0875		09/09/11 11:59
Hexachlorobutadiene		44.6		ug/L	50.0	89%	70 - 130	3	20	11I0875		09/09/11 11:59
2-Hexanone		255		ug/L	250	102%	70 - 130	6	20	11I0875		09/09/11 11:59
Isopropylbenzene		53.2		ug/L	50.0	106%	70 - 130	2	20	11I0875		09/09/11 11:59
Diisopropyl Ether		41.2		ug/L	50.0	82%	70 - 130	3	20	11I0875		09/09/11 11:59
p-Isopropyltoluene		48.0		ug/L	50.0	96%	70 - 130	2	20	11I0875		09/09/11 11:59
Methyl tert-Butyl Ether		44.9		ug/L	50.0	90%	70 - 130	5	20	11I0875		09/09/11 11:59
Methylene Chloride		48.4		ug/L	50.0	97%	70 - 130	0.2	20	11I0875		09/09/11 11:59
4-Methyl-2-pentanone		242		ug/L	250	97%	70 - 130	6	20	11I0875		09/09/11 11:59
Naphthalene		55.4		ug/L	50.0	111%	70 - 130	5	20	11I0875		09/09/11 11:59
n-Propylbenzene		49.0		ug/L	50.0	98%	70 - 130	2	20	11I0875		09/09/11 11:59
Styrene		48.4		ug/L	50.0	97%	70 - 130	3	20	11I0875		09/09/11 11:59
1,1,2,2-Tetrachloroethane		49.2		ug/L	50.0	98%	70 - 130	4	20	11I0875		09/09/11 11:59
1,1,1,2-Tetrachloroethane		50.9		ug/L	50.0	102%	70 - 130	3	20	11I0875		09/09/11 11:59
Tetrachloroethene		52.4		ug/L	50.0	105%	70 - 130	3	20	11I0875		09/09/11 11:59
Tetrahydrofuran		423		ug/L	500	85%	70 - 130	4	20	11I0875		09/09/11 11:59
Toluene		49.5		ug/L	50.0	99%	70 - 130	2	20	11I0875		09/09/11 11:59
1,2,4-Trichlorobenzene		58.2		ug/L	50.0	116%	70 - 130	3	20	11I0875		09/09/11 11:59
1,2,3-Trichlorobenzene		58.8		ug/L	50.0	118%	70 - 130	5	20	11I0875		09/09/11 11:59
1,1,1-Trichloroethane		50.0		ug/L	50.0	100%	70 - 130	0.9	20	11I0875		09/09/11 11:59
1,1,2-Trichloroethane		49.9		ug/L	50.0	100%	70 - 130	5	20	11I0875		09/09/11 11:59

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11I0875-BSD1												
Trichloroethene		55.1		ug/L	50.0	110%	70 - 130	3	20	11I0875		09/09/11 11:59
Trichlorofluoromethane		46.4		ug/L	50.0	93%	70 - 130	0.3	20	11I0875		09/09/11 11:59
1,2,3-Trichloropropane		48.0		ug/L	50.0	96%	70 - 130	5	20	11I0875		09/09/11 11:59
1,3,5-Trimethylbenzene		47.5		ug/L	50.0	95%	70 - 130	2	20	11I0875		09/09/11 11:59
1,2,4-Trimethylbenzene		47.5		ug/L	50.0	95%	70 - 130	2	20	11I0875		09/09/11 11:59
Vinyl chloride		48.5		ug/L	50.0	97%	70 - 130	1	20	11I0875		09/09/11 11:59
Xylenes, total		142		ug/L	150	95%	70 - 130	2	20	11I0875		09/09/11 11:59
1,1,2-Trifluorotrichloroethane		50.5		ug/L	50.0	101%	70 - 130	0.9	20	11I0875		09/09/11 11:59
Surrogate: 1,2-Dichloroethane-d4		21.4		ug/L	25.0	86%	70 - 130			11I0875		09/09/11 11:59
Surrogate: Dibromofluoromethane		24.1		ug/L	25.0	97%	70 - 130			11I0875		09/09/11 11:59
Surrogate: Toluene-d8		24.3		ug/L	25.0	97%	70 - 130			11I0875		09/09/11 11:59
Surrogate: 4-Bromofluorobenzene		23.6		ug/L	25.0	94%	70 - 130			11I0875		09/09/11 11:59
11I2158-BSD1												
Acetone		254		ug/L	250	102%	70 - 130	0.9	20	11I2158		09/12/11 10:44
Tert-Amyl Methyl Ether		48.0		ug/L	50.0	96%	70 - 130	2	20	11I2158		09/12/11 10:44
Benzene		52.3		ug/L	50.0	105%	70 - 130	3	20	11I2158		09/12/11 10:44
Bromobenzene		47.0		ug/L	50.0	94%	70 - 130	2	20	11I2158		09/12/11 10:44
Bromochloromethane		49.4		ug/L	50.0	99%	70 - 130	2	20	11I2158		09/12/11 10:44
Bromodichloromethane		52.5		ug/L	50.0	105%	70 - 130	3	20	11I2158		09/12/11 10:44
Bromoform		55.0		ug/L	50.0	110%	70 - 130	3	20	11I2158		09/12/11 10:44
Bromomethane		39.3		ug/L	50.0	79%	70 - 130	6	20	11I2158		09/12/11 10:44
2-Butanone		222		ug/L	250	89%	70 - 130	4	20	11I2158		09/12/11 10:44
tert-Butylbenzene		50.0		ug/L	50.0	100%	70 - 130	6	20	11I2158		09/12/11 10:44
n-Butylbenzene		51.2		ug/L	50.0	102%	70 - 130	5	20	11I2158		09/12/11 10:44
sec-Butylbenzene		50.5		ug/L	50.0	101%	70 - 130	5	20	11I2158		09/12/11 10:44
Carbon disulfide		45.1		ug/L	50.0	90%	70 - 130	6	20	11I2158		09/12/11 10:44
Carbon Tetrachloride		53.6		ug/L	50.0	107%	70 - 130	3	20	11I2158		09/12/11 10:44
Chlorobenzene		49.2		ug/L	50.0	98%	70 - 130	4	20	11I2158		09/12/11 10:44
Chlorodibromomethane		54.4		ug/L	50.0	109%	70 - 130	3	20	11I2158		09/12/11 10:44
Chloroethane		47.1		ug/L	50.0	94%	70 - 130	6	20	11I2158		09/12/11 10:44
Chloroform		48.4		ug/L	50.0	97%	70 - 130	4	20	11I2158		09/12/11 10:44
Chloromethane		43.2		ug/L	50.0	86%	70 - 130	2	20	11I2158		09/12/11 10:44
2-Chlorotoluene		46.7		ug/L	50.0	93%	70 - 130	4	20	11I2158		09/12/11 10:44
4-Chlorotoluene		47.9		ug/L	50.0	96%	70 - 130	4	20	11I2158		09/12/11 10:44
1,2-Dibromo-3-chloropropane		51.9		ug/L	50.0	104%	70 - 130	0.8	20	11I2158		09/12/11 10:44
1,2-Dibromoethane (EDB)		51.8		ug/L	50.0	104%	70 - 130	1	20	11I2158		09/12/11 10:44
Dibromomethane		51.8		ug/L	50.0	104%	70 - 130	2	20	11I2158		09/12/11 10:44
1,2-Dichlorobenzene		51.7		ug/L	50.0	103%	70 - 130	3	20	11I2158		09/12/11 10:44
1,3-Dichlorobenzene		50.5		ug/L	50.0	101%	70 - 130	2	20	11I2158		09/12/11 10:44
1,4-Dichlorobenzene		51.1		ug/L	50.0	102%	70 - 130	3	20	11I2158		09/12/11 10:44

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11I2158-BSD1												
Dichlorodifluoromethane		54.4		ug/L	50.0	109%	70 - 130	7	20	11I2158		09/12/11 10:44
1,2-Dichloroethane		45.6		ug/L	50.0	91%	70 - 130	2	20	11I2158		09/12/11 10:44
1,1-Dichloroethane		47.1		ug/L	50.0	94%	70 - 130	5	20	11I2158		09/12/11 10:44
1,1-Dichloroethene		50.0		ug/L	50.0	100%	70 - 130	6	20	11I2158		09/12/11 10:44
trans-1,2-Dichloroethene		46.5		ug/L	50.0	93%	70 - 130	6	20	11I2158		09/12/11 10:44
cis-1,2-Dichloroethene		46.2		ug/L	50.0	92%	70 - 130	4	20	11I2158		09/12/11 10:44
1,3-Dichloropropane		48.3		ug/L	50.0	97%	70 - 130	3	20	11I2158		09/12/11 10:44
2,2-Dichloropropane		48.3		ug/L	50.0	97%	70 - 130	4	20	11I2158		09/12/11 10:44
1,2-Dichloropropane		49.5		ug/L	50.0	99%	70 - 130	2	20	11I2158		09/12/11 10:44
trans-1,3-Dichloropropene		49.9		ug/L	50.0	100%	70 - 130	3	20	11I2158		09/12/11 10:44
1,1-Dichloropropene		50.4		ug/L	50.0	101%	70 - 130	4	20	11I2158		09/12/11 10:44
cis-1,3-Dichloropropene		53.0		ug/L	50.0	106%	70 - 130	2	20	11I2158		09/12/11 10:44
Diethyl ether		47.7		ug/L	50.0	95%	70 - 130	4	20	11I2158		09/12/11 10:44
1,4-Dioxane		4690		ug/L	5000	94%	70 - 130	4	20	11I2158		09/12/11 10:44
Ethylbenzene		49.5		ug/L	50.0	99%	70 - 130	4	20	11I2158		09/12/11 10:44
Ethyl tert-Butyl Ether		42.4		ug/L	50.0	85%	70 - 130	4	20	11I2158		09/12/11 10:44
Hexachlorobutadiene		46.4		ug/L	50.0	93%	70 - 130	6	20	11I2158		09/12/11 10:44
2-Hexanone		257		ug/L	250	103%	70 - 130	3	20	11I2158		09/12/11 10:44
Isopropylbenzene		53.4		ug/L	50.0	107%	70 - 130	5	20	11I2158		09/12/11 10:44
Diisopropyl Ether		42.4		ug/L	50.0	85%	70 - 130	3	20	11I2158		09/12/11 10:44
p-Isopropyltoluene		48.8		ug/L	50.0	98%	70 - 130	4	20	11I2158		09/12/11 10:44
Methyl tert-Butyl Ether		45.3		ug/L	50.0	91%	70 - 130	3	20	11I2158		09/12/11 10:44
Methylene Chloride		49.1		ug/L	50.0	98%	70 - 130	4	20	11I2158		09/12/11 10:44
4-Methyl-2-pentanone		235		ug/L	250	94%	70 - 130	2	20	11I2158		09/12/11 10:44
Naphthalene		55.5		ug/L	50.0	111%	70 - 130	3	20	11I2158		09/12/11 10:44
n-Propylbenzene		49.5		ug/L	50.0	99%	70 - 130	4	20	11I2158		09/12/11 10:44
Styrene		48.4		ug/L	50.0	97%	70 - 130	2	20	11I2158		09/12/11 10:44
1,1,2,2-Tetrachloroethane		48.9		ug/L	50.0	98%	70 - 130	2	20	11I2158		09/12/11 10:44
1,1,1,2-Tetrachloroethane		51.0		ug/L	50.0	102%	70 - 130	4	20	11I2158		09/12/11 10:44
Tetrachloroethene		53.2		ug/L	50.0	106%	70 - 130	6	20	11I2158		09/12/11 10:44
Tetrahydrofuran		417		ug/L	500	83%	70 - 130	2	20	11I2158		09/12/11 10:44
Toluene		50.0		ug/L	50.0	100%	70 - 130	4	20	11I2158		09/12/11 10:44
1,2,4-Trichlorobenzene		59.9		ug/L	50.0	120%	70 - 130	5	20	11I2158		09/12/11 10:44
1,2,3-Trichlorobenzene		58.8		ug/L	50.0	118%	70 - 130	4	20	11I2158		09/12/11 10:44
1,1,1-Trichloroethane		49.8		ug/L	50.0	100%	70 - 130	0.02	20	11I2158		09/12/11 10:44
1,1,2-Trichloroethane		48.8		ug/L	50.0	98%	70 - 130	2	20	11I2158		09/12/11 10:44
Trichloroethene		55.3		ug/L	50.0	111%	70 - 130	4	20	11I2158		09/12/11 10:44
Trichlorofluoromethane		48.9		ug/L	50.0	98%	70 - 130	7	20	11I2158		09/12/11 10:44
1,2,3-Trichloropropane		47.7		ug/L	50.0	95%	70 - 130	3	20	11I2158		09/12/11 10:44
1,3,5-Trimethylbenzene		48.4		ug/L	50.0	97%	70 - 130	4	20	11I2158		09/12/11 10:44
1,2,4-Trimethylbenzene		48.6		ug/L	50.0	97%	70 - 130	4	20	11I2158		09/12/11 10:44

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11I2158-BSD1												
Vinyl chloride		49.6		ug/L	50.0	99%	70 - 130	6	20	11I2158		09/12/11 10:44
Xylenes, total		143		ug/L	150	95%	70 - 130	4	20	11I2158		09/12/11 10:44
1,1,2-Trifluorotrichloroethane		52.7		ug/L	50.0	105%	70 - 130	6	20	11I2158		09/12/11 10:44
Surrogate: 1,2-Dichloroethane-d4		21.9		ug/L	25.0	88%	70 - 130			11I2158		09/12/11 10:44
Surrogate: Dibromofluoromethane		24.1		ug/L	25.0	97%	70 - 130			11I2158		09/12/11 10:44
Surrogate: Toluene-d8		24.3		ug/L	25.0	97%	70 - 130			11I2158		09/12/11 10:44
Surrogate: 4-Bromofluorobenzene		24.2		ug/L	25.0	97%	70 - 130			11I2158		09/12/11 10:44

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUI0577
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/03/11 08:10

DATA QUALIFIERS AND DEFINITIONS

ND Not detected at the reporting limit (or method detection limit if shown)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER I

NUI0577

Cooler Received/Opened On 9/3/2011 @ 08:10

1. Tracking # 4782 (last 4 digits, FedE:

Courier: FEDEX IR Gun ID 96210146

2. Temperature of rep. sample or temp blank when opened: 0.2 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES (NO) NA

4. Were custody seals on outside of cooler? (YES) NO NA

If yes, how many and where: 1-Front

5. Were the seals intact, signed, and dated correctly? (YES) NO NA

6. Were custody papers inside cooler? (YES) NO NA

I certify that I opened the cooler and answered questions 1-6 (intial) P.H.

7. Were custody seals on containers: YES (NO) and Intact YES NO (NA)

Were these signed and dated correctly? YES NO (NA)

8. Packing mat'l used? (Bubblewrap) Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES) NO NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES) NO NA

12. Did all container labels and tags agree with custody papers? (YES) NO NA

13a. Were VOA vials received? (YES) NO NA

b. Was there any observable headspace present in any VOA vial? YES (NO) NA

14. Was there a Trip Blank in this cooler? YES (NO) NA If multiple coolers, sequence #

I certify that I unloaded the cooler and answered questions 7-14 (intial) J.G.

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES NO (NA)

b. Did the bottle labels indicate that the correct preservatives were used (YES) NO NA

16. Was residual chlorine present? YES NO (NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) J.G.

17. Were custody papers properly filled out (ink, signed, etc)? (YES) NO NA

18. Did you sign the custody papers in the appropriate place? (YES) NO NA

19. Were correct containers used for the analysis requested? (YES) NO NA

20. Was sufficient amount of sample sent in each container? (YES) NO NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) J.G.

I certify that I attached a label with the unique LIMS number to each container (intial) J.G.

21. Were there Non-Conformance issues at login? YES (NO) Was a PIPE generated? YES (NO) #

BIS = Broken in shipment

PS

NUI0577

09/13/11 23 59

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

Consultant Name: GES
Address: 364 Littleton Road
City/State/Zip: Westford, MA 01886
Project Mgr: Stefan Sokol
Consultant Project Mgr: Roy Swartz
Consultant Telephone Number: 800 221-6179
Fax No.: 978-392-8583
Sampler Name: (Print) Brian Cagwin
Sampler Signature:

TA Account #:
Invoice To:
Report To: Stefan Sokol - ssokol@gesonline.com, Mary Cathey - mcathey@gesonline.com
PO #:
PROJECT #: 1603978
Facility ID # General Chemical
Site Address 133 Leland Street
City, State, Zip Framington, MA Framingham, MA
Regulatory District (CA)

	Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Surface Water	Other (specify): Trip Blank	Analyze For: VOCs	SVOCs	total Fe & Mn	dissolved Fe & Mn	sulfate	chloride	alkalinity	RSK175 gases				RUSH TAT (Pre-Schedule)*	TAT request (in Bus. Days)	Fax Results (yes or no)	Due Date of Report
1	trip blank	9/1/11		1						1											X	X												5		
2	RW-6		1115	8	X					5				2	1	X						X		X	X	X	X	X	X					5		
3	MW-18S		1230	3	X					3						X						X												5		
4	SW-1		1245	3	X					3										X		X												5		
5	SW-2		1330	3	X					3										X		X												5		
6	SW-3		1415	3	X					3										X		X												5		
7	CDW-14		1610	3	X					3						X						X												5		
8	RW-55	↓	1725	8	X					5				2	1	X						X		X	X	X	X	X	X					5		

Comments/Special Instructions: Use CAMs methods & reporting format.
5 day turnaround requested (to J. Huckaba) for VOCs analyses.
OK if wet chemistry parameters performed on standard turnaround

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2 Level 3 Level 4 Other

Relinquished by:	Date	Time	Received by:	Date	Time
Brian Cagwin	9/2/11	0700	GES Stock	9/2/11	0700
Brian Cagwin	9/2/11	1120	Received by TestAmerica:	9/2/11	1120
				9/3/11	0810

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

September 23, 2011 3:04:42PM

Client: GES Westford (10650)
364 Littleton Road, Suite 4
Westford, MA 01886
Attn: Stefan Sokol

Work Order: NUI2483
Project Name: General Chemical
Project Nbr: Framingham, MA
P/O Nbr: 1603978
Date Received: 09/21/11

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-21R	NUI2483-01	09/19/11 12:00

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. These results relate only to the items tested, and this report may not be reproduced except in full and with the permission of the Laboratory. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Certification Number: M-TN032

Additional Laboratory Comments:
All samples were received in good condition, properly preserved, and properly labeled. All analyses were completed within holding times.

All no responses from the attached “MCP Response Action Analytical Report Certification Form” are addressed below.

G. The volatile reporting limit for tetrahydrofuran was above the MADEP CAM limits.
The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainty is available upon request.
This report has been electronically signed.
Report Approved By:



TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUI2483
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

Jennifer Huckaba

Senior Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUI2483
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

Sample Cooler Information

Lab ID	Cooler ID	Temp	Seals	Containers Intact	Preservation Confirmed	On Ice
	6188	1.7C	Yes	Yes	No	Yes

MassDEP Analytical Protocol Certification Form

Laboratory Name: TestAmerica Analytical Testing Corporation | Project #: Framingham, MA

Project Location: General Chemical | RTN:

This Form provides certifications for the following data set: list Laboratory Sample ID Number(s):

NUI2483

Matrices: Groundwater/Surface Water Soil/Sediment Drinking Water Air Other:

CAM Protocol (check all that apply below):

8260 VOC CAM II A X	7470/7471 Hg CAM III B	MassDEP VPH CAM IV A	8081 Pesticides CAM V B	7196 Hex Cr CAM VI B	MassDEP APH CAM IX A
8270 SVOC CAM II B	7010 Metals CAM III C	MassDEP EPH CAM IV B	8151 Herbicides CAM V C	8330 Explosives CAM VIII A	TO-15 VOC CAM IX B
6010 Metals CAM III A	6020 Metals CAM III D	8082 PCB CAM V A	9014 Total Cyanide/PAC CAM VI A	6860 Perchlorate CAM VIII B	

Affirmative Responses to Questions A through F are required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	(Yes) No
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	(Yes) No
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	(Yes) No
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	(Yes) No
E	VPH, EPH, APH, and TO-15 only: a. VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications). b. APH and TO-15 Methods only: Was the complete analyte list reported for each method?	Yes No Yes No
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	(Yes) No

Responses to Questions G, H and I below are required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	Yes (No[1])

***Data User Note**: Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.*

H	Were **all** QC performance standards specified in the CAM protocol(s) achieved?	(Yes) No[1]
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	(Yes) No[1]

[1]*All negative responses must be addressed in an attached laboratory narrative.*

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: Jennifer Huckaba **Position:** Sr Proj Mgr

Printed Name: Jennifer Huckaba **Date:** 9-23-11

Client	GES Westford (10650)	Work Order:	NUI2483
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUI2483-01 (MW-21R - Water) Sampled: 09/19/11 12:00										
Volatile Organic Compounds by EPA Method 8260B										
Acetone	ND	ug/L		10.0	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Benzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Bromobenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Bromochloromethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Bromodichloromethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Bromoform	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Bromomethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
2-Butanone	ND	ug/L		10.0	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
tert-Butylbenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
n-Butylbenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
sec-Butylbenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Carbon disulfide	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Carbon Tetrachloride	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Chlorobenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Chlorodibromomethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Chloroethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Chloroform	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Chloromethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
2-Chlorotoluene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
4-Chlorotoluene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Dibromomethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
1,2-Dichlorobenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
1,3-Dichlorobenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
1,4-Dichlorobenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Dichlorodifluoromethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
1,2-Dichloroethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
1,1-Dichloroethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
1,1-Dichloroethene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
cis-1,2-Dichloroethene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
1,3-Dichloropropane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
2,2-Dichloropropane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
1,2-Dichloropropane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
1,1-Dichloropropene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Diethyl ether	ND	ug/L		2.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727

Client	GES Westford (10650)	Work Order:	NUI2483
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUI2483-01 (MW-21R - Water) - cont. Sampled: 09/19/11 12:00										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L		200	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Ethylbenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Hexachlorobutadiene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
2-Hexanone	ND	ug/L		10.0	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Isopropylbenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Diisopropyl Ether	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
p-Isopropyltoluene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Methylene Chloride	ND	ug/L		2.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
4-Methyl-2-pentanone	ND	ug/L		10.0	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Naphthalene	ND	ug/L		2.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
n-Propylbenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Styrene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Tetrachloroethene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Tetrahydrofuran	ND	ug/L		20.0	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Toluene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
1,1,1-Trichloroethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
1,1,2-Trichloroethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Trichloroethene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Trichlorofluoromethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
1,2,3-Trichloropropane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Vinyl chloride	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Xylenes, total	ND	ug/L		2.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
1,1,2-Trifluorotrichloroethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:01	EML	SW846 8260B	11I4727
Surr: 1,2-Dichloroethane-d4 (70-130%)	*92 %*						09/22/11 13:01	EML	SW846 8260B	11I4727
Surr: Dibromofluoromethane (70-130%)	*95 %*						09/22/11 13:01	EML	SW846 8260B	11I4727
Surr: Toluene-d8 (70-130%)	*89 %*						09/22/11 13:01	EML	SW846 8260B	11I4727
Surr: 4-Bromofluorobenzene (70-130%)	*102 %*						09/22/11 13:01	EML	SW846 8260B	11I4727

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUI2483
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11I4727-BLK1						
Acetone	<10.0		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Tert-Amyl Methyl Ether	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Benzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Bromobenzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Bromochloromethane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Bromodichloromethane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Bromoform	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Bromomethane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
2-Butanone	<10.0		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
tert-Butylbenzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
n-Butylbenzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
sec-Butylbenzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Carbon disulfide	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Carbon Tetrachloride	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Chlorobenzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Chlorodibromomethane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Chloroethane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Chloroform	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Chloromethane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
2-Chlorotoluene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
4-Chlorotoluene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,2-Dibromo-3-chloropropane	<2.00		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,2-Dibromoethane (EDB)	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Dibromomethane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,2-Dichlorobenzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,3-Dichlorobenzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,4-Dichlorobenzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Dichlorodifluoromethane	<0.600		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,2-Dichloroethane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,1-Dichloroethane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,1-Dichloroethene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
trans-1,2-Dichloroethene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
cis-1,2-Dichloroethene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,3-Dichloropropane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
2,2-Dichloropropane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,2-Dichloropropane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
trans-1,3-Dichloropropene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,1-Dichloropropene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
cis-1,3-Dichloropropene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Diethyl ether	<2.00		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,4-Dioxane	<100		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27

Client	GES Westford (10650)	Work Order:	NUI2483
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11I4727-BLK1						
Ethylbenzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Ethyl tert-Butyl Ether	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Hexachlorobutadiene	<1.00		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
2-Hexanone	<5.00		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Isopropylbenzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Diisopropyl Ether	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
p-Isopropyltoluene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Methyl tert-Butyl Ether	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Methylene Chloride	<2.00		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
4-Methyl-2-pentanone	<5.00		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Naphthalene	<2.00		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
n-Propylbenzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Styrene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,1,2,2-Tetrachloroethane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,1,1,2-Tetrachloroethane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Tetrachloroethene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Tetrahydrofuran	<10.0		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Toluene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,2,4-Trichlorobenzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,2,3-Trichlorobenzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,1,1-Trichloroethane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,1,2-Trichloroethane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Trichloroethene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Trichlorofluoromethane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,2,3-Trichloropropane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,3,5-Trimethylbenzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,2,4-Trimethylbenzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Vinyl chloride	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Xylenes, total	<1.50		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,1,2-Trifluorotrichloroethane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Surrogate: 1,2-Dichloroethane-d4	96%			11I4727	11I4727-BLK1	09/22/11 12:27
Surrogate: Dibromofluoromethane	95%			11I4727	11I4727-BLK1	09/22/11 12:27
Surrogate: Toluene-d8	90%			11I4727	11I4727-BLK1	09/22/11 12:27
Surrogate: 4-Bromofluorobenzene	103%			11I4727	11I4727-BLK1	09/22/11 12:27

Client	GES Westford (10650)	Work Order:	NUI2483
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11I4727-BS1								
Acetone	250	296		ug/L	118%	70 - 130	11I4727	09/22/11 10:39
Tert-Amyl Methyl Ether	50.0	48.8		ug/L	98%	70 - 130	11I4727	09/22/11 10:39
Benzene	50.0	51.9		ug/L	104%	70 - 130	11I4727	09/22/11 10:39
Bromobenzene	50.0	54.3		ug/L	109%	70 - 130	11I4727	09/22/11 10:39
Bromochloromethane	50.0	50.2		ug/L	100%	70 - 130	11I4727	09/22/11 10:39
Bromodichloromethane	50.0	52.8		ug/L	106%	70 - 130	11I4727	09/22/11 10:39
Bromoform	50.0	45.8		ug/L	92%	70 - 130	11I4727	09/22/11 10:39
Bromomethane	50.0	60.2		ug/L	120%	70 - 130	11I4727	09/22/11 10:39
2-Butanone	250	261		ug/L	104%	70 - 130	11I4727	09/22/11 10:39
tert-Butylbenzene	50.0	57.5		ug/L	115%	70 - 130	11I4727	09/22/11 10:39
n-Butylbenzene	50.0	48.2		ug/L	96%	70 - 130	11I4727	09/22/11 10:39
sec-Butylbenzene	50.0	51.5		ug/L	103%	70 - 130	11I4727	09/22/11 10:39
Carbon disulfide	50.0	56.9		ug/L	114%	70 - 130	11I4727	09/22/11 10:39
Carbon Tetrachloride	50.0	50.9		ug/L	102%	70 - 130	11I4727	09/22/11 10:39
Chlorobenzene	50.0	51.1		ug/L	102%	70 - 130	11I4727	09/22/11 10:39
Chlorodibromomethane	50.0	46.0		ug/L	92%	70 - 130	11I4727	09/22/11 10:39
Chloroethane	50.0	52.1		ug/L	104%	70 - 130	11I4727	09/22/11 10:39
Chloroform	50.0	51.4		ug/L	103%	70 - 130	11I4727	09/22/11 10:39
Chloromethane	50.0	53.8		ug/L	108%	70 - 130	11I4727	09/22/11 10:39
2-Chlorotoluene	50.0	54.3		ug/L	109%	70 - 130	11I4727	09/22/11 10:39
4-Chlorotoluene	50.0	55.8		ug/L	112%	70 - 130	11I4727	09/22/11 10:39
1,2-Dibromo-3-chloropropane	50.0	44.9		ug/L	90%	70 - 130	11I4727	09/22/11 10:39
1,2-Dibromoethane (EDB)	50.0	53.0		ug/L	106%	70 - 130	11I4727	09/22/11 10:39
Dibromomethane	50.0	49.0		ug/L	98%	70 - 130	11I4727	09/22/11 10:39
1,2-Dichlorobenzene	50.0	53.1		ug/L	106%	70 - 130	11I4727	09/22/11 10:39
1,3-Dichlorobenzene	50.0	54.6		ug/L	109%	70 - 130	11I4727	09/22/11 10:39
1,4-Dichlorobenzene	50.0	54.0		ug/L	108%	70 - 130	11I4727	09/22/11 10:39
Dichlorodifluoromethane	50.0	50.7		ug/L	101%	70 - 130	11I4727	09/22/11 10:39
1,2-Dichloroethane	50.0	47.7		ug/L	95%	70 - 130	11I4727	09/22/11 10:39
1,1-Dichloroethane	50.0	52.1		ug/L	104%	70 - 130	11I4727	09/22/11 10:39
1,1-Dichloroethene	50.0	52.0		ug/L	104%	70 - 130	11I4727	09/22/11 10:39
trans-1,2-Dichloroethene	50.0	53.1		ug/L	106%	70 - 130	11I4727	09/22/11 10:39
cis-1,2-Dichloroethene	50.0	53.0		ug/L	106%	70 - 130	11I4727	09/22/11 10:39
1,3-Dichloropropane	50.0	50.4		ug/L	101%	70 - 130	11I4727	09/22/11 10:39
2,2-Dichloropropane	50.0	55.2		ug/L	110%	70 - 130	11I4727	09/22/11 10:39
1,2-Dichloropropane	50.0	48.7		ug/L	97%	70 - 130	11I4727	09/22/11 10:39
trans-1,3-Dichloropropene	50.0	44.2		ug/L	88%	70 - 130	11I4727	09/22/11 10:39
1,1-Dichloropropene	50.0	51.6		ug/L	103%	70 - 130	11I4727	09/22/11 10:39
cis-1,3-Dichloropropene	50.0	54.7		ug/L	109%	70 - 130	11I4727	09/22/11 10:39
Diethyl ether	50.0	58.8		ug/L	118%	70 - 130	11I4727	09/22/11 10:39
1,4-Dioxane	5000	5540		ug/L	111%	70 - 130	11I4727	09/22/11 10:39

Client	GES Westford (10650)	Work Order:	NUI2483
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11I4727-BS1								
Ethylbenzene	50.0	55.6		ug/L	111%	70 - 130	11I4727	09/22/11 10:39
Ethyl tert-Butyl Ether	50.0	49.2		ug/L	98%	70 - 130	11I4727	09/22/11 10:39
Hexachlorobutadiene	50.0	54.8		ug/L	110%	70 - 130	11I4727	09/22/11 10:39
2-Hexanone	250	285		ug/L	114%	70 - 130	11I4727	09/22/11 10:39
Isopropylbenzene	50.0	62.5		ug/L	125%	70 - 130	11I4727	09/22/11 10:39
Diisopropyl Ether	50.0	51.5		ug/L	103%	70 - 130	11I4727	09/22/11 10:39
p-Isopropyltoluene	50.0	49.1		ug/L	98%	70 - 130	11I4727	09/22/11 10:39
Methyl tert-Butyl Ether	50.0	50.0		ug/L	100%	70 - 130	11I4727	09/22/11 10:39
Methylene Chloride	50.0	50.7		ug/L	101%	70 - 130	11I4727	09/22/11 10:39
4-Methyl-2-pentanone	250	232		ug/L	93%	70 - 130	11I4727	09/22/11 10:39
Naphthalene	50.0	42.7		ug/L	85%	70 - 130	11I4727	09/22/11 10:39
n-Propylbenzene	50.0	59.0		ug/L	118%	70 - 130	11I4727	09/22/11 10:39
Styrene	50.0	56.4		ug/L	113%	70 - 130	11I4727	09/22/11 10:39
1,1,2,2-Tetrachloroethane	50.0	52.4		ug/L	105%	70 - 130	11I4727	09/22/11 10:39
1,1,1,2-Tetrachloroethane	50.0	46.6		ug/L	93%	70 - 130	11I4727	09/22/11 10:39
Tetrachloroethene	50.0	55.5		ug/L	111%	70 - 130	11I4727	09/22/11 10:39
Tetrahydrofuran	500	509		ug/L	102%	70 - 130	11I4727	09/22/11 10:39
Toluene	50.0	48.4		ug/L	97%	70 - 130	11I4727	09/22/11 10:39
1,2,4-Trichlorobenzene	50.0	44.0		ug/L	88%	70 - 130	11I4727	09/22/11 10:39
1,2,3-Trichlorobenzene	50.0	41.5		ug/L	83%	70 - 130	11I4727	09/22/11 10:39
1,1,1-Trichloroethane	50.0	50.7		ug/L	101%	70 - 130	11I4727	09/22/11 10:39
1,1,2-Trichloroethane	50.0	49.9		ug/L	100%	70 - 130	11I4727	09/22/11 10:39
Trichloroethene	50.0	49.6		ug/L	99%	70 - 130	11I4727	09/22/11 10:39
Trichlorofluoromethane	50.0	47.3		ug/L	95%	70 - 130	11I4727	09/22/11 10:39
1,2,3-Trichloropropane	50.0	48.5		ug/L	97%	70 - 130	11I4727	09/22/11 10:39
1,3,5-Trimethylbenzene	50.0	57.0		ug/L	114%	70 - 130	11I4727	09/22/11 10:39
1,2,4-Trimethylbenzene	50.0	56.9		ug/L	114%	70 - 130	11I4727	09/22/11 10:39
Vinyl chloride	50.0	50.9		ug/L	102%	70 - 130	11I4727	09/22/11 10:39
Xylenes, total	150	166		ug/L	110%	70 - 130	11I4727	09/22/11 10:39
1,1,2-Trifluorotrichloroethane	50.0	52.5		ug/L	105%	70 - 130	11I4727	09/22/11 10:39
Surrogate: 1,2-Dichloroethane-d4	25.0	23.2			93%	70 - 130	11I4727	09/22/11 10:39
Surrogate: Dibromofluoromethane	25.0	24.1			96%	70 - 130	11I4727	09/22/11 10:39
Surrogate: Toluene-d8	25.0	22.7			91%	70 - 130	11I4727	09/22/11 10:39
Surrogate: 4-Bromofluorobenzene	25.0	25.8			103%	70 - 130	11I4727	09/22/11 10:39

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUI2483
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11I4727-BSD1												
Acetone		287		ug/L	250	115%	70 - 130	3	20	11I4727		09/22/11 11:06
Tert-Amyl Methyl Ether		48.6		ug/L	50.0	97%	70 - 130	0.3	20	11I4727		09/22/11 11:06
Benzene		51.6		ug/L	50.0	103%	70 - 130	0.6	20	11I4727		09/22/11 11:06
Bromobenzene		54.7		ug/L	50.0	109%	70 - 130	0.8	20	11I4727		09/22/11 11:06
Bromochloromethane		49.1		ug/L	50.0	98%	70 - 130	2	20	11I4727		09/22/11 11:06
Bromodichloromethane		52.0		ug/L	50.0	104%	70 - 130	1	20	11I4727		09/22/11 11:06
Bromoform		46.4		ug/L	50.0	93%	70 - 130	1	20	11I4727		09/22/11 11:06
Bromomethane		59.0		ug/L	50.0	118%	70 - 130	2	20	11I4727		09/22/11 11:06
2-Butanone		253		ug/L	250	101%	70 - 130	3	20	11I4727		09/22/11 11:06
tert-Butylbenzene		57.3		ug/L	50.0	115%	70 - 130	0.3	20	11I4727		09/22/11 11:06
n-Butylbenzene		48.5		ug/L	50.0	97%	70 - 130	0.7	20	11I4727		09/22/11 11:06
sec-Butylbenzene		51.6		ug/L	50.0	103%	70 - 130	0.2	20	11I4727		09/22/11 11:06
Carbon disulfide		55.8		ug/L	50.0	112%	70 - 130	2	20	11I4727		09/22/11 11:06
Carbon Tetrachloride		50.3		ug/L	50.0	101%	70 - 130	1	20	11I4727		09/22/11 11:06
Chlorobenzene		51.4		ug/L	50.0	103%	70 - 130	0.7	20	11I4727		09/22/11 11:06
Chlorodibromomethane		45.7		ug/L	50.0	91%	70 - 130	0.7	20	11I4727		09/22/11 11:06
Chloroethane		51.5		ug/L	50.0	103%	70 - 130	1	20	11I4727		09/22/11 11:06
Chloroform		51.0		ug/L	50.0	102%	70 - 130	0.7	20	11I4727		09/22/11 11:06
Chloromethane		52.4		ug/L	50.0	105%	70 - 130	3	20	11I4727		09/22/11 11:06
2-Chlorotoluene		55.1		ug/L	50.0	110%	70 - 130	1	20	11I4727		09/22/11 11:06
4-Chlorotoluene		56.1		ug/L	50.0	112%	70 - 130	0.5	20	11I4727		09/22/11 11:06
1,2-Dibromo-3-chloropropane		44.7		ug/L	50.0	89%	70 - 130	0.5	20	11I4727		09/22/11 11:06
1,2-Dibromoethane (EDB)		53.6		ug/L	50.0	107%	70 - 130	1	20	11I4727		09/22/11 11:06
Dibromomethane		49.2		ug/L	50.0	98%	70 - 130	0.3	20	11I4727		09/22/11 11:06
1,2-Dichlorobenzene		53.7		ug/L	50.0	107%	70 - 130	1	20	11I4727		09/22/11 11:06
1,3-Dichlorobenzene		55.0		ug/L	50.0	110%	70 - 130	0.8	20	11I4727		09/22/11 11:06
1,4-Dichlorobenzene		54.1		ug/L	50.0	108%	70 - 130	0.07	20	11I4727		09/22/11 11:06
Dichlorodifluoromethane		50.1		ug/L	50.0	100%	70 - 130	1	20	11I4727		09/22/11 11:06
1,2-Dichloroethane		47.0		ug/L	50.0	94%	70 - 130	1	20	11I4727		09/22/11 11:06
1,1-Dichloroethane		51.3		ug/L	50.0	103%	70 - 130	2	20	11I4727		09/22/11 11:06
1,1-Dichloroethene		51.0		ug/L	50.0	102%	70 - 130	2	20	11I4727		09/22/11 11:06
trans-1,2-Dichloroethene		52.5		ug/L	50.0	105%	70 - 130	1	20	11I4727		09/22/11 11:06
cis-1,2-Dichloroethene		52.6		ug/L	50.0	105%	70 - 130	0.8	20	11I4727		09/22/11 11:06
1,3-Dichloropropane		49.5		ug/L	50.0	99%	70 - 130	2	20	11I4727		09/22/11 11:06
2,2-Dichloropropane		54.2		ug/L	50.0	108%	70 - 130	2	20	11I4727		09/22/11 11:06
1,2-Dichloropropane		48.4		ug/L	50.0	97%	70 - 130	0.6	20	11I4727		09/22/11 11:06
trans-1,3-Dichloropropene		44.7		ug/L	50.0	89%	70 - 130	1	20	11I4727		09/22/11 11:06
1,1-Dichloropropene		51.3		ug/L	50.0	103%	70 - 130	0.5	20	11I4727		09/22/11 11:06
cis-1,3-Dichloropropene		54.8		ug/L	50.0	110%	70 - 130	0.2	20	11I4727		09/22/11 11:06
Diethyl ether		59.2		ug/L	50.0	118%	70 - 130	0.5	20	11I4727		09/22/11 11:06
1,4-Dioxane		5670		ug/L	5000	113%	70 - 130	2	20	11I4727		09/22/11 11:06

Client	GES Westford (10650)	Work Order:	NUI2483
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11I4727-BSD1												
Ethylbenzene		55.6		ug/L	50.0	111%	70 - 130	0.1	20	11I4727		09/22/11 11:06
Ethyl tert-Butyl Ether		49.0		ug/L	50.0	98%	70 - 130	0.4	20	11I4727		09/22/11 11:06
Hexachlorobutadiene		54.0		ug/L	50.0	108%	70 - 130	1	20	11I4727		09/22/11 11:06
2-Hexanone		286		ug/L	250	115%	70 - 130	0.5	20	11I4727		09/22/11 11:06
Isopropylbenzene		62.0		ug/L	50.0	124%	70 - 130	0.8	20	11I4727		09/22/11 11:06
Diisopropyl Ether		51.1		ug/L	50.0	102%	70 - 130	0.8	20	11I4727		09/22/11 11:06
p-Isopropyltoluene		48.9		ug/L	50.0	98%	70 - 130	0.5	20	11I4727		09/22/11 11:06
Methyl tert-Butyl Ether		49.8		ug/L	50.0	100%	70 - 130	0.5	20	11I4727		09/22/11 11:06
Methylene Chloride		50.1		ug/L	50.0	100%	70 - 130	1	20	11I4727		09/22/11 11:06
4-Methyl-2-pentanone		236		ug/L	250	94%	70 - 130	2	20	11I4727		09/22/11 11:06
Naphthalene		43.5		ug/L	50.0	87%	70 - 130	2	20	11I4727		09/22/11 11:06
n-Propylbenzene		59.9		ug/L	50.0	120%	70 - 130	2	20	11I4727		09/22/11 11:06
Styrene		56.6		ug/L	50.0	113%	70 - 130	0.3	20	11I4727		09/22/11 11:06
1,1,2,2-Tetrachloroethane		53.2		ug/L	50.0	106%	70 - 130	2	20	11I4727		09/22/11 11:06
1,1,1,2-Tetrachloroethane		47.2		ug/L	50.0	94%	70 - 130	1	20	11I4727		09/22/11 11:06
Tetrachloroethene		51.4		ug/L	50.0	103%	70 - 130	8	20	11I4727		09/22/11 11:06
Tetrahydrofuran		527		ug/L	500	105%	70 - 130	3	20	11I4727		09/22/11 11:06
Toluene		48.7		ug/L	50.0	97%	70 - 130	0.6	20	11I4727		09/22/11 11:06
1,2,4-Trichlorobenzene		44.3		ug/L	50.0	89%	70 - 130	0.7	20	11I4727		09/22/11 11:06
1,2,3-Trichlorobenzene		42.1		ug/L	50.0	84%	70 - 130	2	20	11I4727		09/22/11 11:06
1,1,1-Trichloroethane		50.6		ug/L	50.0	101%	70 - 130	0.2	20	11I4727		09/22/11 11:06
1,1,2-Trichloroethane		48.7		ug/L	50.0	97%	70 - 130	2	20	11I4727		09/22/11 11:06
Trichloroethene		49.4		ug/L	50.0	99%	70 - 130	0.3	20	11I4727		09/22/11 11:06
Trichlorofluoromethane		46.5		ug/L	50.0	93%	70 - 130	2	20	11I4727		09/22/11 11:06
1,2,3-Trichloropropane		51.0		ug/L	50.0	102%	70 - 130	5	20	11I4727		09/22/11 11:06
1,3,5-Trimethylbenzene		57.5		ug/L	50.0	115%	70 - 130	0.9	20	11I4727		09/22/11 11:06
1,2,4-Trimethylbenzene		57.0		ug/L	50.0	114%	70 - 130	0.2	20	11I4727		09/22/11 11:06
Vinyl chloride		49.8		ug/L	50.0	100%	70 - 130	2	20	11I4727		09/22/11 11:06
Xylenes, total		165		ug/L	150	110%	70 - 130	0.3	20	11I4727		09/22/11 11:06
1,1,2-Trifluorotrichloroethane		52.2		ug/L	50.0	104%	70 - 130	0.7	20	11I4727		09/22/11 11:06
Surrogate: 1,2-Dichloroethane-d4		23.0		ug/L	25.0	92%	70 - 130			11I4727		09/22/11 11:06
Surrogate: Dibromofluoromethane		23.6		ug/L	25.0	94%	70 - 130			11I4727		09/22/11 11:06
Surrogate: Toluene-d8		22.7		ug/L	25.0	91%	70 - 130			11I4727		09/22/11 11:06
Surrogate: 4-Bromofluorobenzene		25.7		ug/L	25.0	103%	70 - 130			11I4727		09/22/11 11:06

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUI2483
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

DATA QUALIFIERS AND DEFINITIONS

ND Not detected at the reporting limit (or method detection limit if shown)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville, TN

COOLER REC

NUI2483

Cooler Received/Opened On 9/21/2011 @ 07:45 ,

1. Tracking # 6188 (last 4 digits, FedEx)

Courier: FEDEX IR Gun ID 96210146

2. Temperature of rep. sample or temp blank when opened: 1.7 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...NO...(NA)

4. Were custody seals on outside of cooler? (YES)...NO...NA

If yes, how many and where: 1 front

5. Were the seals intact, signed, and dated correctly? (YES)...NO...NA

6. Were custody papers inside cooler? (YES)...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) GB

7. Were custody seals on containers: YES (NO) and Intact YES...NO...(NA)

Were these signed and dated correctly? YES...NO...(NA)

8. Packing mat'l used? (Bubblewrap) Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES)...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES)...NO...NA

12. Did all container labels and tags agree with custody papers? (YES)...NO...NA

13a. Were VOA vials received? (YES)...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...(NO)...NA

14. Was there a Trip Blank in this cooler? YES...(NO)...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) W

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...(NA)

b. Did the bottle labels indicate that the correct preservatives were used (YES)...NO...NA

16. Was residual chlorine present? YES...NO...(NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) W

17. Were custody papers properly filled out (ink, signed, etc)? (YES)...NO...NA

18. Did you sign the custody papers in the appropriate place? (YES)...NO...NA

19. Were correct containers used for the analysis requested? (YES)...NO...NA

20. Was sufficient amount of sample sent in each container? (YES)...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) W

I certify that I attached a label with the unique LIMS number to each container (intial) W

21. Were there Non-Conformance issues at login? YES...(NO) Was a PIPE generated? YES...(NO) #_____

BIS = Broken in shipment
Cooler Receipt Form doc

1 of 1

NUI2483

09/23/11 23:59

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

Consultant Name: GES
Address: 364 Littleton Road
City/State/Zip: Westford, MA 01886
Project Mgr: Stefan Sokol
Consultant Project Mgr: Roy Swartz

Consultant Telephone Number: 800-221-6119 Fax No.: 978-392-8583
Sampler Name: (Print)
Sampler Signature:

TA Account #:
Invoice To:
Report To: Stefan Sokol - **ssokol@gesonline.com**; Mary Cathey - **mcathey@gesonline.com**
PO #:
PROJECT #: 1603978
Facility ID # General Chemical
Site Address 133 Leland Street
City, State, Zip Framington, MA
Regulatory District (CA)

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify)	Analyze For: VOCs	VPH	SVOCs	EPH	TOC	total Fe & Mn					RUSH TAT (Pre-Scheduled) *	TAT request (in Bus. Days)	Fax Results (yes or no)	Due Date of Report
MW-21R	9/9/11	16:00	3	X					X												X								NU 2483-01		2			

Comments/Special Instructions: 2-day TAT approved by Jennifer

Laboratory Comments:
Temperature Upon Receipt: 1.7c
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2 Level 3 Level 4 Other

Relinquished by:	Date	Time	Received by:	Date	Time
	9/9/11	16:00	GES STOCK	9/9/11	16:00
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
	9/20/11	1350		9/20/11	1350

Recd by: 9-21-11 @ 0745

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

September 23, 2011 3:29:30PM

Client: GES Westford (10650)
364 Littleton Road, Suite 4
Westford, MA 01886
Attn: Stefan Sokol

Work Order: NUI2478
Project Name: General Chemical
Project Nbr: Framingham, MA
P/O Nbr: 1603978
Date Received: 09/21/11

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Trip Blank	NUI2478-01	09/19/11 00:01
MW-18M	NUI2478-02	09/19/11 10:35
MW-19	NUI2478-03	09/19/11 13:05
MW-20	NUI2478-04	09/19/11 13:40

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. These results relate only to the items tested, and this report may not be reproduced except in full and with the permission of the Laboratory. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Certification Number: M-TN032

Additional Laboratory Comments:
All samples were received in good condition, properly preserved, and properly labeled. All analyses were completed within holding times.

All no responses from the attached “MCP Response Action Analytical Report Certification Form” are addressed below.

G. The volatile reporting limit for tetrahydrofuran was above the MADEP CAM limits.

H. The Volatile blank spike (LCS) recoveries for 1,4-Dioxane in batch 11I4720 were outside QC limits. The recoveries were elevated and the associated samples were non-detect at the reporting limit; therefore the data was accepted without further analysis.

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUI2478
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

Estimated uncertainty is available upon request.
This report has been electronically signed.
Report Approved By:



Jennifer Huckaba

Senior Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUI2478
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

Sample Cooler Information

Lab ID	Cooler ID	Temp	Seals	Containers Intact	Preservation Confirmed	On Ice
	6188	1.7C	Yes	Yes	No	Yes

MassDEP Analytical Protocol Certification Form

Laboratory Name: TestAmerica Analytical Testing Corporation | Project #: Framingham, MA

Project Location: General Chemical | RTN:

This Form provides certifications for the following data set: list Laboratory Sample ID Number(s):

NUI2478

Matrices: Groundwater/Surface Water Soil/Sediment Drinking Water Air Other:

CAM Protocol (check all that apply below):

8260 VOC CAM II A X	7470/7471 Hg CAM III B	MassDEP VPH CAM IV A	8081 Pesticides CAM V B	7196 Hex Cr CAM VI B	MassDEP APH CAM IX A
8270 SVOC CAM II B	7010 Metals CAM III C	MassDEP EPH CAM IV B	8151 Herbicides CAM V C	8330 Explosives CAM VIII A	TO-15 VOC CAM IX B
6010 Metals CAM III A	6020 Metals CAM III D	8082 PCB CAM V A	9014 Total Cyanide/PAC CAM VI A	6860 Perchlorate CAM VIII B	

Affirmative Responses to Questions A through F are required for "Presumptive Certainty" status

A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	(Yes) No
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	(Yes) No
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	(Yes) No
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	(Yes) No
E	VPH, EPH, APH, and TO-15 only: a. VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications). b. APH and TO-15 Methods only: Was the complete analyte list reported for each method?	Yes No Yes No
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	(Yes) No

Responses to Questions G, H and I below are required for "Presumptive Certainty" status

G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	Yes (No[1])

***Data User Note**: Data that achieve "Presumptive Certainty" status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40. 1056 (2)(k) and WSC-07-350.*

H	Were all QC performance standards specified in the CAM protocol(s) achieved?	Yes (No[1])
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	(Yes) No[1]

[1] *All negative responses must be addressed in an attached laboratory narrative.*

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: Jennifer Huckaba **Position:** Sr Proj Mgr.

Printed Name: Jennifer Huckaba **Date:** 9-23-11

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUI2478
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

ANALYTICAL REPORT

Sample ID: NUI2478-01 (Trip Blank - Water) Sampled: 09/19/11 00:01

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	ND	ug/L		10.0	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Benzene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Bromobenzene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Bromochloromethane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Bromodichloromethane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Bromoform	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Bromomethane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
2-Butanone	ND	ug/L		10.0	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
tert-Butylbenzene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
n-Butylbenzene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
sec-Butylbenzene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Carbon disulfide	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Carbon Tetrachloride	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Chlorobenzene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Chlorodibromomethane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Chloroethane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Chloroform	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Chloromethane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
2-Chlorotoluene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
4-Chlorotoluene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Dibromomethane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
1,2-Dichlorobenzene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
1,3-Dichlorobenzene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
1,4-Dichlorobenzene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Dichlorodifluoromethane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
1,2-Dichloroethane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
1,1-Dichloroethane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
1,1-Dichloroethene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
cis-1,2-Dichloroethene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
1,3-Dichloropropane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
2,2-Dichloropropane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
1,2-Dichloropropane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
1,1-Dichloropropene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Diethyl ether	ND	ug/L		2.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720

Client	GES Westford (10650)	Work Order:	NUI2478
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

ANALYTICAL REPORT

Sample ID: NUI2478-01 (Trip Blank - Water) - cont. Sampled: 09/19/11 00:01

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
1,4-Dioxane	ND	ug/L	L	200	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Ethylbenzene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Hexachlorobutadiene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
2-Hexanone	ND	ug/L		10.0	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Isopropylbenzene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Diisopropyl Ether	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
p-Isopropyltoluene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Methylene Chloride	ND	ug/L		2.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
4-Methyl-2-pentanone	ND	ug/L		10.0	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Naphthalene	ND	ug/L		2.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
n-Propylbenzene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Styrene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Tetrachloroethene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Tetrahydrofuran	ND	ug/L		20.0	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Toluene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
1,1,1-Trichloroethane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
1,1,2-Trichloroethane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Trichloroethene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Trichlorofluoromethane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
1,2,3-Trichloropropane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Vinyl chloride	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Xylenes, total	ND	ug/L		2.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
1,1,2-Trifluorotrichloroethane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 13:23	EML	SW846 8260B	11I4720
Surr: 1,2-Dichloroethane-d4 (70-130%)	*98 %*						09/21/11 13:23	EML	SW846 8260B	11I4720
Surr: Dibromofluoromethane (70-130%)	*95 %*						09/21/11 13:23	EML	SW846 8260B	11I4720
Surr: Toluene-d8 (70-130%)	*88 %*						09/21/11 13:23	EML	SW846 8260B	11I4720
Surr: 4-Bromofluorobenzene (70-130%)	*104 %*						09/21/11 13:23	EML	SW846 8260B	11I4720

Client	GES Westford (10650)	Work Order:	NUI2478
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

ANALYTICAL REPORT

Sample ID: NUI2478-02 (MW-18M - Water) Sampled: 09/19/11 10:35

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	**31.0**	ug/L		10.0	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Tert-Amyl Methyl Ether	**3.90**	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Benzene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Bromobenzene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Bromochloromethane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Bromodichloromethane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Bromoform	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Bromomethane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
2-Butanone	ND	ug/L		10.0	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
tert-Butylbenzene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
n-Butylbenzene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
sec-Butylbenzene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Carbon disulfide	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Carbon Tetrachloride	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Chlorobenzene	**1.58**	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Chlorodibromomethane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Chloroethane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Chloroform	**1.43**	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Chloromethane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
2-Chlorotoluene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
4-Chlorotoluene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Dibromomethane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
1,2-Dichlorobenzene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
1,3-Dichlorobenzene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
1,4-Dichlorobenzene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Dichlorodifluoromethane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
1,2-Dichloroethane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
1,1-Dichloroethane	**50.9**	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
1,1-Dichloroethene	**349**	ug/L		20.0	20	09/22/11 09:46	09/22/11 15:42	EML	SW846 8260B	11I4727
trans-1,2-Dichloroethene	**81.0**	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
cis-1,2-Dichloroethene	**2600**	ug/L		20.0	20	09/22/11 09:46	09/22/11 15:42	EML	SW846 8260B	11I4727
1,3-Dichloropropane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
2,2-Dichloropropane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
1,2-Dichloropropane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
1,1-Dichloropropene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Diethyl ether	**4.05**	ug/L		2.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720

Client	GES Westford (10650)	Work Order:	NUI2478
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

ANALYTICAL REPORT

Sample ID: NUI2478-02 (MW-18M - Water) - cont. Sampled: 09/19/11 10:35

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
1,4-Dioxane	ND	ug/L	L	200	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Ethylbenzene	**1.06**	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Hexachlorobutadiene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
2-Hexanone	ND	ug/L		10.0	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Isopropylbenzene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Diisopropyl Ether	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
p-Isopropyltoluene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Methyl tert-Butyl Ether	**14.3**	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Methylene Chloride	ND	ug/L		2.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
4-Methyl-2-pentanone	ND	ug/L		10.0	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Naphthalene	ND	ug/L		2.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
n-Propylbenzene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Styrene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
1,1,1,2-Tetrachloroethane	**11.1**	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Tetrachloroethene	**28100**	ug/L		200	200	09/22/11 09:46	09/22/11 14:21	EML	SW846 8260B	11I4727
Tetrahydrofuran	ND	ug/L		20.0	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Toluene	**6.10**	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
1,1,1-Trichloroethane	**11900**	ug/L		200	200	09/22/11 09:46	09/22/11 14:21	EML	SW846 8260B	11I4727
1,1,2-Trichloroethane	**3.94**	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Trichloroethene	**5050**	ug/L		200	200	09/22/11 09:46	09/22/11 14:21	EML	SW846 8260B	11I4727
Trichlorofluoromethane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
1,2,3-Trichloropropane	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Vinyl chloride	**3.54**	ug/L		1.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
Xylenes, total	ND	ug/L		2.00	1	09/21/11 10:15	09/21/11 18:20	EML	SW846 8260B	11I4720
1,1,2-Trifluorotrichloroethane	**475**	ug/L		20.0	20	09/22/11 09:46	09/22/11 15:42	EML	SW846 8260B	11I4727
Surr: 1,2-Dichloroethane-d4 (70-130%)	*95 %*						09/21/11 18:20	EML	SW846 8260B	11I4720
Surr: 1,2-Dichloroethane-d4 (70-130%)	*97 %*						09/22/11 15:42	EML	SW846 8260B	11I4727
Surr: 1,2-Dichloroethane-d4 (70-130%)	*97 %*						09/22/11 14:21	EML	SW846 8260B	11I4727
Surr: Dibromofluoromethane (70-130%)	*76 %*						09/21/11 18:20	EML	SW846 8260B	11I4720
Surr: Dibromofluoromethane (70-130%)	*96 %*						09/22/11 15:42	EML	SW846 8260B	11I4727
Surr: Dibromofluoromethane (70-130%)	*95 %*						09/22/11 14:21	EML	SW846 8260B	11I4727
Surr: Toluene-d8 (70-130%)	*93 %*						09/21/11 18:20	EML	SW846 8260B	11I4720
Surr: Toluene-d8 (70-130%)	*90 %*						09/22/11 15:42	EML	SW846 8260B	11I4727
Surr: Toluene-d8 (70-130%)	*90 %*						09/22/11 14:21	EML	SW846 8260B	11I4727

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUI2478
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUI2478-02 (MW-18M - Water) - cont. Sampled: 09/19/11 10:35										
Volatile Organic Compounds by EPA Method 8260B - cont.										
Surr: 4-Bromofluorobenzene (70-130%)	*102 %*						09/21/11 18:20	EML	SW846 8260B	11I4720
Surr: 4-Bromofluorobenzene (70-130%)	*102 %*						09/22/11 15:42	EML	SW846 8260B	11I4727
Surr: 4-Bromofluorobenzene (70-130%)	*104 %*						09/22/11 14:21	EML	SW846 8260B	11I4727

Client	GES Westford (10650)	Work Order:	NUI2478
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

ANALYTICAL REPORT

Sample ID: NUI2478-03 (MW-19 - Water) Sampled: 09/19/11 13:05

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Acetone	ND	ug/L		10.0	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Benzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Bromobenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Bromochloromethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Bromodichloromethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Bromoform	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Bromomethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
2-Butanone	ND	ug/L		10.0	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
tert-Butylbenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
n-Butylbenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
sec-Butylbenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Carbon disulfide	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Carbon Tetrachloride	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Chlorobenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Chlorodibromomethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Chloroethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Chloroform	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Chloromethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
2-Chlorotoluene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
4-Chlorotoluene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Dibromomethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
1,2-Dichlorobenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
1,3-Dichlorobenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
1,4-Dichlorobenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Dichlorodifluoromethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
1,2-Dichloroethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
1,1-Dichloroethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
1,1-Dichloroethene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
cis-1,2-Dichloroethene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
1,3-Dichloropropane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
2,2-Dichloropropane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
1,2-Dichloropropane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
1,1-Dichloropropene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Diethyl ether	ND	ug/L		2.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727

Client	GES Westford (10650)	Work Order:	NUI2478
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

ANALYTICAL REPORT

Sample ID: NUI2478-03 (MW-19 - Water) - cont. Sampled: 09/19/11 13:05

Volatile Organic Compounds by EPA Method 8260B - cont.

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
1,4-Dioxane	ND	ug/L		200	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Ethylbenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Hexachlorobutadiene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
2-Hexanone	ND	ug/L		10.0	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Isopropylbenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Diisopropyl Ether	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
p-Isopropyltoluene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Methylene Chloride	ND	ug/L		2.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
4-Methyl-2-pentanone	ND	ug/L		10.0	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Naphthalene	ND	ug/L		2.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
n-Propylbenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Styrene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Tetrachloroethene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Tetrahydrofuran	ND	ug/L		20.0	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Toluene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
1,1,1-Trichloroethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
1,1,2-Trichloroethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Trichloroethene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Trichlorofluoromethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
1,2,3-Trichloropropane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Vinyl chloride	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Xylenes, total	ND	ug/L		2.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
1,1,2-Trifluorotrichloroethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:28	EML	SW846 8260B	11I4727
Surr: 1,2-Dichloroethane-d4 (70-130%)	*95 %*						09/22/11 13:28	EML	SW846 8260B	11I4727
Surr: Dibromofluoromethane (70-130%)	*94 %*						09/22/11 13:28	EML	SW846 8260B	11I4727
Surr: Toluene-d8 (70-130%)	*90 %*						09/22/11 13:28	EML	SW846 8260B	11I4727
Surr: 4-Bromofluorobenzene (70-130%)	*104 %*						09/22/11 13:28	EML	SW846 8260B	11I4727

Client	GES Westford (10650)	Work Order:	NUI2478
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUI2478-04 (MW-20 - Water) Sampled: 09/19/11 13:40										
Volatile Organic Compounds by EPA Method 8260B										
Acetone	ND	ug/L		10.0	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Tert-Amyl Methyl Ether	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Benzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Bromobenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Bromochloromethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Bromodichloromethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Bromoform	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Bromomethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
2-Butanone	ND	ug/L		10.0	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
tert-Butylbenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
n-Butylbenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
sec-Butylbenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Carbon disulfide	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Carbon Tetrachloride	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Chlorobenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Chlorodibromomethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Chloroethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Chloroform	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Chloromethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
2-Chlorotoluene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
4-Chlorotoluene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
1,2-Dibromo-3-chloropropane	ND	ug/L		2.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
1,2-Dibromoethane (EDB)	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Dibromomethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
1,2-Dichlorobenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
1,3-Dichlorobenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
1,4-Dichlorobenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Dichlorodifluoromethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
1,2-Dichloroethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
1,1-Dichloroethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
1,1-Dichloroethene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
trans-1,2-Dichloroethene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
cis-1,2-Dichloroethene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
1,3-Dichloropropane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
2,2-Dichloropropane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
1,2-Dichloropropane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
trans-1,3-Dichloropropene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
1,1-Dichloropropene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
cis-1,3-Dichloropropene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Diethyl ether	ND	ug/L		2.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727

Client	GES Westford (10650)	Work Order:	NUI2478
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

ANALYTICAL REPORT

Analyte	Result	Units	Flag	Report Limit	Dil Factor	Preserved Date/Time	Analysis Date/Time	Analyst	Method	Batch
Sample ID: NUI2478-04 (MW-20 - Water) - cont. Sampled: 09/19/11 13:40										
Volatile Organic Compounds by EPA Method 8260B - cont.										
1,4-Dioxane	ND	ug/L		200	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Ethylbenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Ethyl tert-Butyl Ether	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Hexachlorobutadiene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
2-Hexanone	ND	ug/L		10.0	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Isopropylbenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Diisopropyl Ether	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
p-Isopropyltoluene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Methyl tert-Butyl Ether	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Methylene Chloride	ND	ug/L		2.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
4-Methyl-2-pentanone	ND	ug/L		10.0	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Naphthalene	ND	ug/L		2.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
n-Propylbenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Styrene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
1,1,2,2-Tetrachloroethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
1,1,1,2-Tetrachloroethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Tetrachloroethene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Tetrahydrofuran	ND	ug/L		20.0	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Toluene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
1,2,4-Trichlorobenzene	ND	ug/L		2.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
1,2,3-Trichlorobenzene	ND	ug/L		2.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
1,1,1-Trichloroethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
1,1,2-Trichloroethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Trichloroethene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Trichlorofluoromethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
1,2,3-Trichloropropane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
1,3,5-Trimethylbenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
1,2,4-Trimethylbenzene	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Vinyl chloride	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Xylenes, total	ND	ug/L		2.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
1,1,2-Trifluorotrichloroethane	ND	ug/L		1.00	1	09/22/11 09:46	09/22/11 13:54	EML	SW846 8260B	11I4727
Surr: 1,2-Dichloroethane-d4 (70-130%)	*96 %*						09/22/11 13:54	EML	SW846 8260B	11I4727
Surr: Dibromofluoromethane (70-130%)	*94 %*						09/22/11 13:54	EML	SW846 8260B	11I4727
Surr: Toluene-d8 (70-130%)	*89 %*						09/22/11 13:54	EML	SW846 8260B	11I4727
Surr: 4-Bromofluorobenzene (70-130%)	*102 %*						09/22/11 13:54	EML	SW846 8260B	11I4727

Client	GES Westford (10650)	Work Order:	NUI2478
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11I4720-BLK1						
Acetone	<10.0		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Tert-Amyl Methyl Ether	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Benzene	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Bromobenzene	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Bromochloromethane	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Bromodichloromethane	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Bromoform	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Bromomethane	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
2-Butanone	<10.0		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
tert-Butylbenzene	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
n-Butylbenzene	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
sec-Butylbenzene	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Carbon disulfide	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Carbon Tetrachloride	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Chlorobenzene	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Chlorodibromomethane	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Chloroethane	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Chloroform	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Chloromethane	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
2-Chlorotoluene	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
4-Chlorotoluene	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
1,2-Dibromo-3-chloropropane	<2.00		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
1,2-Dibromoethane (EDB)	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Dibromomethane	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
1,2-Dichlorobenzene	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
1,3-Dichlorobenzene	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
1,4-Dichlorobenzene	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Dichlorodifluoromethane	<0.600		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
1,2-Dichloroethane	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
1,1-Dichloroethane	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
1,1-Dichloroethene	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
trans-1,2-Dichloroethene	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
cis-1,2-Dichloroethene	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
1,3-Dichloropropane	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
2,2-Dichloropropane	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
1,2-Dichloropropane	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
trans-1,3-Dichloropropene	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
1,1-Dichloropropene	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
cis-1,3-Dichloropropene	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Diethyl ether	<2.00		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
1,4-Dioxane	<100		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56

Client	GES Westford (10650)	Work Order:	NUI2478
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11I4720-BLK1						
Ethylbenzene	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Ethyl tert-Butyl Ether	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Hexachlorobutadiene	<1.00		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
2-Hexanone	<5.00		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Isopropylbenzene	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Diisopropyl Ether	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
p-Isopropyltoluene	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Methyl tert-Butyl Ether	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Methylene Chloride	<2.00		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
4-Methyl-2-pentanone	<5.00		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Naphthalene	<2.00		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
n-Propylbenzene	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Styrene	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
1,1,2,2-Tetrachloroethane	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
1,1,1,2-Tetrachloroethane	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Tetrachloroethene	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Tetrahydrofuran	<10.0		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Toluene	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
1,2,4-Trichlorobenzene	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
1,2,3-Trichlorobenzene	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
1,1,1-Trichloroethane	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
1,1,2-Trichloroethane	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Trichloroethene	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Trichlorofluoromethane	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
1,2,3-Trichloropropane	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
1,3,5-Trimethylbenzene	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
1,2,4-Trimethylbenzene	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Vinyl chloride	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Xylenes, total	<1.50		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
1,1,2-Trifluorotrichloroethane	<0.500		ug/L	11I4720	11I4720-BLK1	09/21/11 12:56
Surrogate: 1,2-Dichloroethane-d4	97%			11I4720	11I4720-BLK1	09/21/11 12:56
Surrogate: Dibromofluoromethane	94%			11I4720	11I4720-BLK1	09/21/11 12:56
Surrogate: Toluene-d8	90%			11I4720	11I4720-BLK1	09/21/11 12:56
Surrogate: 4-Bromofluorobenzene	106%			11I4720	11I4720-BLK1	09/21/11 12:56
11I4727-BLK1						
Acetone	<10.0		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Tert-Amyl Methyl Ether	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Benzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Bromobenzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Bromochloromethane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27

Client	GES Westford (10650)	Work Order:	NUI2478
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11I4727-BLK1						
Bromodichloromethane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Bromoform	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Bromomethane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
2-Butanone	<10.0		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
tert-Butylbenzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
n-Butylbenzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
sec-Butylbenzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Carbon disulfide	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Carbon Tetrachloride	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Chlorobenzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Chlorodibromomethane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Chloroethane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Chloroform	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Chloromethane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
2-Chlorotoluene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
4-Chlorotoluene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,2-Dibromo-3-chloropropane	<2.00		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,2-Dibromoethane (EDB)	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Dibromomethane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,2-Dichlorobenzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,3-Dichlorobenzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,4-Dichlorobenzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Dichlorodifluoromethane	<0.600		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,2-Dichloroethane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,1-Dichloroethane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,1-Dichloroethene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
trans-1,2-Dichloroethene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
cis-1,2-Dichloroethene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,3-Dichloropropane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
2,2-Dichloropropane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,2-Dichloropropane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
trans-1,3-Dichloropropene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,1-Dichloropropene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
cis-1,3-Dichloropropene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Diethyl ether	<2.00		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,4-Dioxane	<100		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Ethylbenzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Ethyl tert-Butyl Ether	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Hexachlorobutadiene	<1.00		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
2-Hexanone	<5.00		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Isopropylbenzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27

Client	GES Westford (10650)	Work Order:	NUI2478
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
11I4727-BLK1						
Diisopropyl Ether	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
p-Isopropyltoluene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Methyl tert-Butyl Ether	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Methylene Chloride	<2.00		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
4-Methyl-2-pentanone	<5.00		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Naphthalene	<2.00		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
n-Propylbenzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Styrene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,1,2,2-Tetrachloroethane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,1,1,2-Tetrachloroethane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Tetrachloroethene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Tetrahydrofuran	<10.0		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Toluene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,2,4-Trichlorobenzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,2,3-Trichlorobenzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,1,1-Trichloroethane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,1,2-Trichloroethane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Trichloroethene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Trichlorofluoromethane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,2,3-Trichloropropane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,3,5-Trimethylbenzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,2,4-Trimethylbenzene	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Vinyl chloride	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Xylenes, total	<1.50		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
1,1,2-Trifluorotrichloroethane	<0.500		ug/L	11I4727	11I4727-BLK1	09/22/11 12:27
Surrogate: 1,2-Dichloroethane-d4	96%			11I4727	11I4727-BLK1	09/22/11 12:27
Surrogate: Dibromofluoromethane	95%			11I4727	11I4727-BLK1	09/22/11 12:27
Surrogate: Toluene-d8	90%			11I4727	11I4727-BLK1	09/22/11 12:27
Surrogate: 4-Bromofluorobenzene	103%			11I4727	11I4727-BLK1	09/22/11 12:27

Client	GES Westford (10650)	Work Order:	NUI2478
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11I4720-BS1								
Acetone	250	318		ug/L	127%	70 - 130	11I4720	09/21/11 11:08
Tert-Amyl Methyl Ether	50.0	49.3		ug/L	99%	70 - 130	11I4720	09/21/11 11:08
Benzene	50.0	52.6		ug/L	105%	70 - 130	11I4720	09/21/11 11:08
Bromobenzene	50.0	56.4		ug/L	113%	70 - 130	11I4720	09/21/11 11:08
Bromochloromethane	50.0	49.6		ug/L	99%	70 - 130	11I4720	09/21/11 11:08
Bromodichloromethane	50.0	52.9		ug/L	106%	70 - 130	11I4720	09/21/11 11:08
Bromoform	50.0	44.9		ug/L	90%	70 - 130	11I4720	09/21/11 11:08
Bromomethane	50.0	61.9		ug/L	124%	70 - 130	11I4720	09/21/11 11:08
2-Butanone	250	269		ug/L	108%	70 - 130	11I4720	09/21/11 11:08
tert-Butylbenzene	50.0	58.5		ug/L	117%	70 - 130	11I4720	09/21/11 11:08
n-Butylbenzene	50.0	48.8		ug/L	98%	70 - 130	11I4720	09/21/11 11:08
sec-Butylbenzene	50.0	52.5		ug/L	105%	70 - 130	11I4720	09/21/11 11:08
Carbon disulfide	50.0	56.9		ug/L	114%	70 - 130	11I4720	09/21/11 11:08
Carbon Tetrachloride	50.0	51.5		ug/L	103%	70 - 130	11I4720	09/21/11 11:08
Chlorobenzene	50.0	51.5		ug/L	103%	70 - 130	11I4720	09/21/11 11:08
Chlorodibromomethane	50.0	44.6		ug/L	89%	70 - 130	11I4720	09/21/11 11:08
Chloroethane	50.0	53.5		ug/L	107%	70 - 130	11I4720	09/21/11 11:08
Chloroform	50.0	51.8		ug/L	104%	70 - 130	11I4720	09/21/11 11:08
Chloromethane	50.0	55.0		ug/L	110%	70 - 130	11I4720	09/21/11 11:08
2-Chlorotoluene	50.0	56.2		ug/L	112%	70 - 130	11I4720	09/21/11 11:08
4-Chlorotoluene	50.0	57.0		ug/L	114%	70 - 130	11I4720	09/21/11 11:08
1,2-Dibromo-3-chloropropane	50.0	44.4		ug/L	89%	70 - 130	11I4720	09/21/11 11:08
1,2-Dibromoethane (EDB)	50.0	53.8		ug/L	108%	70 - 130	11I4720	09/21/11 11:08
Dibromomethane	50.0	49.4		ug/L	99%	70 - 130	11I4720	09/21/11 11:08
1,2-Dichlorobenzene	50.0	54.3		ug/L	109%	70 - 130	11I4720	09/21/11 11:08
1,3-Dichlorobenzene	50.0	56.2		ug/L	112%	70 - 130	11I4720	09/21/11 11:08
1,4-Dichlorobenzene	50.0	54.2		ug/L	108%	70 - 130	11I4720	09/21/11 11:08
Dichlorodifluoromethane	50.0	54.2		ug/L	108%	70 - 130	11I4720	09/21/11 11:08
1,2-Dichloroethane	50.0	48.1		ug/L	96%	70 - 130	11I4720	09/21/11 11:08
1,1-Dichloroethane	50.0	53.3		ug/L	107%	70 - 130	11I4720	09/21/11 11:08
1,1-Dichloroethene	50.0	52.8		ug/L	106%	70 - 130	11I4720	09/21/11 11:08
trans-1,2-Dichloroethene	50.0	54.2		ug/L	108%	70 - 130	11I4720	09/21/11 11:08
cis-1,2-Dichloroethene	50.0	52.8		ug/L	106%	70 - 130	11I4720	09/21/11 11:08
1,3-Dichloropropane	50.0	48.3		ug/L	97%	70 - 130	11I4720	09/21/11 11:08
2,2-Dichloropropane	50.0	54.6		ug/L	109%	70 - 130	11I4720	09/21/11 11:08
1,2-Dichloropropane	50.0	49.8		ug/L	100%	70 - 130	11I4720	09/21/11 11:08
trans-1,3-Dichloropropene	50.0	43.9		ug/L	88%	70 - 130	11I4720	09/21/11 11:08
1,1-Dichloropropene	50.0	52.2		ug/L	104%	70 - 130	11I4720	09/21/11 11:08
cis-1,3-Dichloropropene	50.0	53.9		ug/L	108%	70 - 130	11I4720	09/21/11 11:08
Diethyl ether	50.0	55.0		ug/L	110%	70 - 130	11I4720	09/21/11 11:08
1,4-Dioxane	5000	6600	L1	ug/L	132%	70 - 130	11I4720	09/21/11 11:08

Client	GES Westford (10650)	Work Order:	NUI2478
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11I4720-BS1								
Ethylbenzene	50.0	55.6		ug/L	111%	70 - 130	11I4720	09/21/11 11:08
Ethyl tert-Butyl Ether	50.0	49.4		ug/L	99%	70 - 130	11I4720	09/21/11 11:08
Hexachlorobutadiene	50.0	55.5		ug/L	111%	70 - 130	11I4720	09/21/11 11:08
2-Hexanone	250	299		ug/L	119%	70 - 130	11I4720	09/21/11 11:08
Isopropylbenzene	50.0	61.8		ug/L	124%	70 - 130	11I4720	09/21/11 11:08
Diisopropyl Ether	50.0	52.2		ug/L	104%	70 - 130	11I4720	09/21/11 11:08
p-Isopropyltoluene	50.0	49.6		ug/L	99%	70 - 130	11I4720	09/21/11 11:08
Methyl tert-Butyl Ether	50.0	50.6		ug/L	101%	70 - 130	11I4720	09/21/11 11:08
Methylene Chloride	50.0	51.4		ug/L	103%	70 - 130	11I4720	09/21/11 11:08
4-Methyl-2-pentanone	250	235		ug/L	94%	70 - 130	11I4720	09/21/11 11:08
Naphthalene	50.0	44.8		ug/L	90%	70 - 130	11I4720	09/21/11 11:08
n-Propylbenzene	50.0	60.3		ug/L	121%	70 - 130	11I4720	09/21/11 11:08
Styrene	50.0	56.3		ug/L	113%	70 - 130	11I4720	09/21/11 11:08
1,1,2,2-Tetrachloroethane	50.0	55.0		ug/L	110%	70 - 130	11I4720	09/21/11 11:08
1,1,1,2-Tetrachloroethane	50.0	46.8		ug/L	94%	70 - 130	11I4720	09/21/11 11:08
Tetrachloroethene	50.0	50.3		ug/L	101%	70 - 130	11I4720	09/21/11 11:08
Tetrahydrofuran	500	528		ug/L	106%	70 - 130	11I4720	09/21/11 11:08
Toluene	50.0	48.1		ug/L	96%	70 - 130	11I4720	09/21/11 11:08
1,2,4-Trichlorobenzene	50.0	45.6		ug/L	91%	70 - 130	11I4720	09/21/11 11:08
1,2,3-Trichlorobenzene	50.0	43.4		ug/L	87%	70 - 130	11I4720	09/21/11 11:08
1,1,1-Trichloroethane	50.0	51.6		ug/L	103%	70 - 130	11I4720	09/21/11 11:08
1,1,2-Trichloroethane	50.0	48.0		ug/L	96%	70 - 130	11I4720	09/21/11 11:08
Trichloroethene	50.0	50.3		ug/L	101%	70 - 130	11I4720	09/21/11 11:08
Trichlorofluoromethane	50.0	48.0		ug/L	96%	70 - 130	11I4720	09/21/11 11:08
1,2,3-Trichloropropane	50.0	50.8		ug/L	102%	70 - 130	11I4720	09/21/11 11:08
1,3,5-Trimethylbenzene	50.0	58.1		ug/L	116%	70 - 130	11I4720	09/21/11 11:08
1,2,4-Trimethylbenzene	50.0	57.4		ug/L	115%	70 - 130	11I4720	09/21/11 11:08
Vinyl chloride	50.0	52.7		ug/L	105%	70 - 130	11I4720	09/21/11 11:08
Xylenes, total	150	166		ug/L	111%	70 - 130	11I4720	09/21/11 11:08
1,1,2-Trifluorotrichloroethane	50.0	53.6		ug/L	107%	70 - 130	11I4720	09/21/11 11:08
Surrogate: 1,2-Dichloroethane-d4	25.0	23.8			95%	70 - 130	11I4720	09/21/11 11:08
Surrogate: Dibromofluoromethane	25.0	24.1			96%	70 - 130	11I4720	09/21/11 11:08
Surrogate: Toluene-d8	25.0	22.4			90%	70 - 130	11I4720	09/21/11 11:08
Surrogate: 4-Bromofluorobenzene	25.0	26.4			106%	70 - 130	11I4720	09/21/11 11:08
11I4727-BS1								
Acetone	250	296		ug/L	118%	70 - 130	11I4727	09/22/11 10:39
Tert-Amyl Methyl Ether	50.0	48.8		ug/L	98%	70 - 130	11I4727	09/22/11 10:39
Benzene	50.0	51.9		ug/L	104%	70 - 130	11I4727	09/22/11 10:39
Bromobenzene	50.0	54.3		ug/L	109%	70 - 130	11I4727	09/22/11 10:39
Bromochloromethane	50.0	50.2		ug/L	100%	70 - 130	11I4727	09/22/11 10:39

Client	GES Westford (10650)	Work Order:	NUI2478
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

PROJECT QUALITY CONTROL DATA

LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11I4727-BS1								
Bromodichloromethane	50.0	52.8		ug/L	106%	70 - 130	11I4727	09/22/11 10:39
Bromoform	50.0	45.8		ug/L	92%	70 - 130	11I4727	09/22/11 10:39
Bromomethane	50.0	60.2		ug/L	120%	70 - 130	11I4727	09/22/11 10:39
2-Butanone	250	261		ug/L	104%	70 - 130	11I4727	09/22/11 10:39
tert-Butylbenzene	50.0	57.5		ug/L	115%	70 - 130	11I4727	09/22/11 10:39
n-Butylbenzene	50.0	48.2		ug/L	96%	70 - 130	11I4727	09/22/11 10:39
sec-Butylbenzene	50.0	51.5		ug/L	103%	70 - 130	11I4727	09/22/11 10:39
Carbon disulfide	50.0	56.9		ug/L	114%	70 - 130	11I4727	09/22/11 10:39
Carbon Tetrachloride	50.0	50.9		ug/L	102%	70 - 130	11I4727	09/22/11 10:39
Chlorobenzene	50.0	51.1		ug/L	102%	70 - 130	11I4727	09/22/11 10:39
Chlorodibromomethane	50.0	46.0		ug/L	92%	70 - 130	11I4727	09/22/11 10:39
Chloroethane	50.0	52.1		ug/L	104%	70 - 130	11I4727	09/22/11 10:39
Chloroform	50.0	51.4		ug/L	103%	70 - 130	11I4727	09/22/11 10:39
Chloromethane	50.0	53.8		ug/L	108%	70 - 130	11I4727	09/22/11 10:39
2-Chlorotoluene	50.0	54.3		ug/L	109%	70 - 130	11I4727	09/22/11 10:39
4-Chlorotoluene	50.0	55.8		ug/L	112%	70 - 130	11I4727	09/22/11 10:39
1,2-Dibromo-3-chloropropane	50.0	44.9		ug/L	90%	70 - 130	11I4727	09/22/11 10:39
1,2-Dibromoethane (EDB)	50.0	53.0		ug/L	106%	70 - 130	11I4727	09/22/11 10:39
Dibromomethane	50.0	49.0		ug/L	98%	70 - 130	11I4727	09/22/11 10:39
1,2-Dichlorobenzene	50.0	53.1		ug/L	106%	70 - 130	11I4727	09/22/11 10:39
1,3-Dichlorobenzene	50.0	54.6		ug/L	109%	70 - 130	11I4727	09/22/11 10:39
1,4-Dichlorobenzene	50.0	54.0		ug/L	108%	70 - 130	11I4727	09/22/11 10:39
Dichlorodifluoromethane	50.0	50.7		ug/L	101%	70 - 130	11I4727	09/22/11 10:39
1,2-Dichloroethane	50.0	47.7		ug/L	95%	70 - 130	11I4727	09/22/11 10:39
1,1-Dichloroethane	50.0	52.1		ug/L	104%	70 - 130	11I4727	09/22/11 10:39
1,1-Dichloroethene	50.0	52.0		ug/L	104%	70 - 130	11I4727	09/22/11 10:39
trans-1,2-Dichloroethene	50.0	53.1		ug/L	106%	70 - 130	11I4727	09/22/11 10:39
cis-1,2-Dichloroethene	50.0	53.0		ug/L	106%	70 - 130	11I4727	09/22/11 10:39
1,3-Dichloropropane	50.0	50.4		ug/L	101%	70 - 130	11I4727	09/22/11 10:39
2,2-Dichloropropane	50.0	55.2		ug/L	110%	70 - 130	11I4727	09/22/11 10:39
1,2-Dichloropropane	50.0	48.7		ug/L	97%	70 - 130	11I4727	09/22/11 10:39
trans-1,3-Dichloropropene	50.0	44.2		ug/L	88%	70 - 130	11I4727	09/22/11 10:39
1,1-Dichloropropene	50.0	51.6		ug/L	103%	70 - 130	11I4727	09/22/11 10:39
cis-1,3-Dichloropropene	50.0	54.7		ug/L	109%	70 - 130	11I4727	09/22/11 10:39
Diethyl ether	50.0	58.8		ug/L	118%	70 - 130	11I4727	09/22/11 10:39
1,4-Dioxane	5000	5540		ug/L	111%	70 - 130	11I4727	09/22/11 10:39
Ethylbenzene	50.0	55.6		ug/L	111%	70 - 130	11I4727	09/22/11 10:39
Ethyl tert-Butyl Ether	50.0	49.2		ug/L	98%	70 - 130	11I4727	09/22/11 10:39
Hexachlorobutadiene	50.0	54.8		ug/L	110%	70 - 130	11I4727	09/22/11 10:39
2-Hexanone	250	285		ug/L	114%	70 - 130	11I4727	09/22/11 10:39
Isopropylbenzene	50.0	62.5		ug/L	125%	70 - 130	11I4727	09/22/11 10:39

Client	GES Westford (10650)	Work Order:	NUI2478
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

PROJECT QUALITY CONTROL DATA

LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
11I4727-BS1								
Diisopropyl Ether	50.0	51.5		ug/L	103%	70 - 130	11I4727	09/22/11 10:39
p-Isopropyltoluene	50.0	49.1		ug/L	98%	70 - 130	11I4727	09/22/11 10:39
Methyl tert-Butyl Ether	50.0	50.0		ug/L	100%	70 - 130	11I4727	09/22/11 10:39
Methylene Chloride	50.0	50.7		ug/L	101%	70 - 130	11I4727	09/22/11 10:39
4-Methyl-2-pentanone	250	232		ug/L	93%	70 - 130	11I4727	09/22/11 10:39
Naphthalene	50.0	42.7		ug/L	85%	70 - 130	11I4727	09/22/11 10:39
n-Propylbenzene	50.0	59.0		ug/L	118%	70 - 130	11I4727	09/22/11 10:39
Styrene	50.0	56.4		ug/L	113%	70 - 130	11I4727	09/22/11 10:39
1,1,2,2-Tetrachloroethane	50.0	52.4		ug/L	105%	70 - 130	11I4727	09/22/11 10:39
1,1,1,2-Tetrachloroethane	50.0	46.6		ug/L	93%	70 - 130	11I4727	09/22/11 10:39
Tetrachloroethene	50.0	55.5		ug/L	111%	70 - 130	11I4727	09/22/11 10:39
Tetrahydrofuran	500	509		ug/L	102%	70 - 130	11I4727	09/22/11 10:39
Toluene	50.0	48.4		ug/L	97%	70 - 130	11I4727	09/22/11 10:39
1,2,4-Trichlorobenzene	50.0	44.0		ug/L	88%	70 - 130	11I4727	09/22/11 10:39
1,2,3-Trichlorobenzene	50.0	41.5		ug/L	83%	70 - 130	11I4727	09/22/11 10:39
1,1,1-Trichloroethane	50.0	50.7		ug/L	101%	70 - 130	11I4727	09/22/11 10:39
1,1,2-Trichloroethane	50.0	49.9		ug/L	100%	70 - 130	11I4727	09/22/11 10:39
Trichloroethene	50.0	49.6		ug/L	99%	70 - 130	11I4727	09/22/11 10:39
Trichlorofluoromethane	50.0	47.3		ug/L	95%	70 - 130	11I4727	09/22/11 10:39
1,2,3-Trichloropropane	50.0	48.5		ug/L	97%	70 - 130	11I4727	09/22/11 10:39
1,3,5-Trimethylbenzene	50.0	57.0		ug/L	114%	70 - 130	11I4727	09/22/11 10:39
1,2,4-Trimethylbenzene	50.0	56.9		ug/L	114%	70 - 130	11I4727	09/22/11 10:39
Vinyl chloride	50.0	50.9		ug/L	102%	70 - 130	11I4727	09/22/11 10:39
Xylenes, total	150	166		ug/L	110%	70 - 130	11I4727	09/22/11 10:39
1,1,2-Trifluorotrichloroethane	50.0	52.5		ug/L	105%	70 - 130	11I4727	09/22/11 10:39
Surrogate: 1,2-Dichloroethane-d4	25.0	23.2			93%	70 - 130	11I4727	09/22/11 10:39
Surrogate: Dibromofluoromethane	25.0	24.1			96%	70 - 130	11I4727	09/22/11 10:39
Surrogate: Toluene-d8	25.0	22.7			91%	70 - 130	11I4727	09/22/11 10:39
Surrogate: 4-Bromofluorobenzene	25.0	25.8			103%	70 - 130	11I4727	09/22/11 10:39

Client	GES Westford (10650)	Work Order:	NUI2478
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11I4720-BSD1												
Acetone		311		ug/L	250	125%	70 - 130	2	20	11I4720		09/21/11 11:35
Tert-Amyl Methyl Ether		48.8		ug/L	50.0	98%	70 - 130	0.9	20	11I4720		09/21/11 11:35
Benzene		50.0		ug/L	50.0	100%	70 - 130	5	20	11I4720		09/21/11 11:35
Bromobenzene		53.8		ug/L	50.0	108%	70 - 130	5	20	11I4720		09/21/11 11:35
Bromochloromethane		48.3		ug/L	50.0	97%	70 - 130	3	20	11I4720		09/21/11 11:35
Bromodichloromethane		51.6		ug/L	50.0	103%	70 - 130	3	20	11I4720		09/21/11 11:35
Bromoform		44.5		ug/L	50.0	89%	70 - 130	0.8	20	11I4720		09/21/11 11:35
Bromomethane		59.4		ug/L	50.0	119%	70 - 130	4	20	11I4720		09/21/11 11:35
2-Butanone		267		ug/L	250	107%	70 - 130	0.9	20	11I4720		09/21/11 11:35
tert-Butylbenzene		55.5		ug/L	50.0	111%	70 - 130	5	20	11I4720		09/21/11 11:35
n-Butylbenzene		46.4		ug/L	50.0	93%	70 - 130	5	20	11I4720		09/21/11 11:35
sec-Butylbenzene		49.8		ug/L	50.0	100%	70 - 130	5	20	11I4720		09/21/11 11:35
Carbon disulfide		53.9		ug/L	50.0	108%	70 - 130	5	20	11I4720		09/21/11 11:35
Carbon Tetrachloride		48.4		ug/L	50.0	97%	70 - 130	6	20	11I4720		09/21/11 11:35
Chlorobenzene		49.3		ug/L	50.0	99%	70 - 130	4	20	11I4720		09/21/11 11:35
Chlorodibromomethane		45.1		ug/L	50.0	90%	70 - 130	1	20	11I4720		09/21/11 11:35
Chloroethane		50.6		ug/L	50.0	101%	70 - 130	6	20	11I4720		09/21/11 11:35
Chloroform		50.0		ug/L	50.0	100%	70 - 130	3	20	11I4720		09/21/11 11:35
Chloromethane		54.0		ug/L	50.0	108%	70 - 130	2	20	11I4720		09/21/11 11:35
2-Chlorotoluene		54.3		ug/L	50.0	109%	70 - 130	4	20	11I4720		09/21/11 11:35
4-Chlorotoluene		54.4		ug/L	50.0	109%	70 - 130	5	20	11I4720		09/21/11 11:35
1,2-Dibromo-3-chloropropane		46.3		ug/L	50.0	93%	70 - 130	4	20	11I4720		09/21/11 11:35
1,2-Dibromoethane (EDB)		53.0		ug/L	50.0	106%	70 - 130	1	20	11I4720		09/21/11 11:35
Dibromomethane		48.6		ug/L	50.0	97%	70 - 130	2	20	11I4720		09/21/11 11:35
1,2-Dichlorobenzene		52.9		ug/L	50.0	106%	70 - 130	3	20	11I4720		09/21/11 11:35
1,3-Dichlorobenzene		53.4		ug/L	50.0	107%	70 - 130	5	20	11I4720		09/21/11 11:35
1,4-Dichlorobenzene		51.8		ug/L	50.0	104%	70 - 130	5	20	11I4720		09/21/11 11:35
Dichlorodifluoromethane		52.1		ug/L	50.0	104%	70 - 130	4	20	11I4720		09/21/11 11:35
1,2-Dichloroethane		47.4		ug/L	50.0	95%	70 - 130	1	20	11I4720		09/21/11 11:35
1,1-Dichloroethane		50.6		ug/L	50.0	101%	70 - 130	5	20	11I4720		09/21/11 11:35
1,1-Dichloroethene		50.0		ug/L	50.0	100%	70 - 130	6	20	11I4720		09/21/11 11:35
trans-1,2-Dichloroethene		51.2		ug/L	50.0	102%	70 - 130	6	20	11I4720		09/21/11 11:35
cis-1,2-Dichloroethene		50.5		ug/L	50.0	101%	70 - 130	4	20	11I4720		09/21/11 11:35
1,3-Dichloropropane		47.8		ug/L	50.0	96%	70 - 130	1	20	11I4720		09/21/11 11:35
2,2-Dichloropropane		51.4		ug/L	50.0	103%	70 - 130	6	20	11I4720		09/21/11 11:35
1,2-Dichloropropane		48.2		ug/L	50.0	96%	70 - 130	3	20	11I4720		09/21/11 11:35
trans-1,3-Dichloropropene		43.5		ug/L	50.0	87%	70 - 130	0.8	20	11I4720		09/21/11 11:35
1,1-Dichloropropene		49.8		ug/L	50.0	100%	70 - 130	5	20	11I4720		09/21/11 11:35
cis-1,3-Dichloropropene		53.4		ug/L	50.0	107%	70 - 130	1	20	11I4720		09/21/11 11:35
Diethyl ether		54.2		ug/L	50.0	108%	70 - 130	1	20	11I4720		09/21/11 11:35
1,4-Dioxane		6650	L1	ug/L	5000	133%	70 - 130	0.8	20	11I4720		09/21/11 11:35

Client	GES Westford (10650)	Work Order:	NUI2478
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11I4720-BSD1												
Ethylbenzene		53.4		ug/L	50.0	107%	70 - 130	4	20	11I4720		09/21/11 11:35
Ethyl tert-Butyl Ether		48.9		ug/L	50.0	98%	70 - 130	1	20	11I4720		09/21/11 11:35
Hexachlorobutadiene		51.8		ug/L	50.0	104%	70 - 130	7	20	11I4720		09/21/11 11:35
2-Hexanone		305		ug/L	250	122%	70 - 130	2	20	11I4720		09/21/11 11:35
Isopropylbenzene		59.4		ug/L	50.0	119%	70 - 130	4	20	11I4720		09/21/11 11:35
Diisopropyl Ether		50.5		ug/L	50.0	101%	70 - 130	3	20	11I4720		09/21/11 11:35
p-Isopropyltoluene		47.1		ug/L	50.0	94%	70 - 130	5	20	11I4720		09/21/11 11:35
Methyl tert-Butyl Ether		50.6		ug/L	50.0	101%	70 - 130	0.1	20	11I4720		09/21/11 11:35
Methylene Chloride		49.6		ug/L	50.0	99%	70 - 130	4	20	11I4720		09/21/11 11:35
4-Methyl-2-pentanone		242		ug/L	250	97%	70 - 130	3	20	11I4720		09/21/11 11:35
Naphthalene		44.6		ug/L	50.0	89%	70 - 130	0.4	20	11I4720		09/21/11 11:35
n-Propylbenzene		58.5		ug/L	50.0	117%	70 - 130	3	20	11I4720		09/21/11 11:35
Styrene		53.9		ug/L	50.0	108%	70 - 130	4	20	11I4720		09/21/11 11:35
1,1,2,2-Tetrachloroethane		54.0		ug/L	50.0	108%	70 - 130	2	20	11I4720		09/21/11 11:35
1,1,1,2-Tetrachloroethane		46.0		ug/L	50.0	92%	70 - 130	2	20	11I4720		09/21/11 11:35
Tetrachloroethene		48.1		ug/L	50.0	96%	70 - 130	5	20	11I4720		09/21/11 11:35
Tetrahydrofuran		528		ug/L	500	106%	70 - 130	0.1	20	11I4720		09/21/11 11:35
Toluene		46.5		ug/L	50.0	93%	70 - 130	3	20	11I4720		09/21/11 11:35
1,2,4-Trichlorobenzene		43.6		ug/L	50.0	87%	70 - 130	5	20	11I4720		09/21/11 11:35
1,2,3-Trichlorobenzene		43.0		ug/L	50.0	86%	70 - 130	0.9	20	11I4720		09/21/11 11:35
1,1,1-Trichloroethane		49.0		ug/L	50.0	98%	70 - 130	5	20	11I4720		09/21/11 11:35
1,1,2-Trichloroethane		47.9		ug/L	50.0	96%	70 - 130	0.3	20	11I4720		09/21/11 11:35
Trichloroethene		47.9		ug/L	50.0	96%	70 - 130	5	20	11I4720		09/21/11 11:35
Trichlorofluoromethane		45.4		ug/L	50.0	91%	70 - 130	6	20	11I4720		09/21/11 11:35
1,2,3-Trichloropropane		51.8		ug/L	50.0	104%	70 - 130	2	20	11I4720		09/21/11 11:35
1,3,5-Trimethylbenzene		55.3		ug/L	50.0	111%	70 - 130	5	20	11I4720		09/21/11 11:35
1,2,4-Trimethylbenzene		54.8		ug/L	50.0	110%	70 - 130	5	20	11I4720		09/21/11 11:35
Vinyl chloride		50.1		ug/L	50.0	100%	70 - 130	5	20	11I4720		09/21/11 11:35
Xylenes, total		159		ug/L	150	106%	70 - 130	4	20	11I4720		09/21/11 11:35
1,1,2-Trifluorotrichloroethane		51.0		ug/L	50.0	102%	70 - 130	5	20	11I4720		09/21/11 11:35
Surrogate: 1,2-Dichloroethane-d4		23.5		ug/L	25.0	94%	70 - 130			11I4720		09/21/11 11:35
Surrogate: Dibromofluoromethane		23.7		ug/L	25.0	95%	70 - 130			11I4720		09/21/11 11:35
Surrogate: Toluene-d8		22.5		ug/L	25.0	90%	70 - 130			11I4720		09/21/11 11:35
Surrogate: 4-Bromofluorobenzene		26.4		ug/L	25.0	106%	70 - 130			11I4720		09/21/11 11:35
11I4727-BSD1												
Acetone		287		ug/L	250	115%	70 - 130	3	20	11I4727		09/22/11 11:06
Tert-Amyl Methyl Ether		48.6		ug/L	50.0	97%	70 - 130	0.3	20	11I4727		09/22/11 11:06
Benzene		51.6		ug/L	50.0	103%	70 - 130	0.6	20	11I4727		09/22/11 11:06
Bromobenzene		54.7		ug/L	50.0	109%	70 - 130	0.8	20	11I4727		09/22/11 11:06
Bromochloromethane		49.1		ug/L	50.0	98%	70 - 130	2	20	11I4727		09/22/11 11:06

Client	GES Westford (10650)	Work Order:	NUI2478
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11I4727-BSD1												
Bromodichloromethane		52.0		ug/L	50.0	104%	70 - 130	1	20	11I4727		09/22/11 11:06
Bromoform		46.4		ug/L	50.0	93%	70 - 130	1	20	11I4727		09/22/11 11:06
Bromomethane		59.0		ug/L	50.0	118%	70 - 130	2	20	11I4727		09/22/11 11:06
2-Butanone		253		ug/L	250	101%	70 - 130	3	20	11I4727		09/22/11 11:06
tert-Butylbenzene		57.3		ug/L	50.0	115%	70 - 130	0.3	20	11I4727		09/22/11 11:06
n-Butylbenzene		48.5		ug/L	50.0	97%	70 - 130	0.7	20	11I4727		09/22/11 11:06
sec-Butylbenzene		51.6		ug/L	50.0	103%	70 - 130	0.2	20	11I4727		09/22/11 11:06
Carbon disulfide		55.8		ug/L	50.0	112%	70 - 130	2	20	11I4727		09/22/11 11:06
Carbon Tetrachloride		50.3		ug/L	50.0	101%	70 - 130	1	20	11I4727		09/22/11 11:06
Chlorobenzene		51.4		ug/L	50.0	103%	70 - 130	0.7	20	11I4727		09/22/11 11:06
Chlorodibromomethane		45.7		ug/L	50.0	91%	70 - 130	0.7	20	11I4727		09/22/11 11:06
Chloroethane		51.5		ug/L	50.0	103%	70 - 130	1	20	11I4727		09/22/11 11:06
Chloroform		51.0		ug/L	50.0	102%	70 - 130	0.7	20	11I4727		09/22/11 11:06
Chloromethane		52.4		ug/L	50.0	105%	70 - 130	3	20	11I4727		09/22/11 11:06
2-Chlorotoluene		55.1		ug/L	50.0	110%	70 - 130	1	20	11I4727		09/22/11 11:06
4-Chlorotoluene		56.1		ug/L	50.0	112%	70 - 130	0.5	20	11I4727		09/22/11 11:06
1,2-Dibromo-3-chloropropane		44.7		ug/L	50.0	89%	70 - 130	0.5	20	11I4727		09/22/11 11:06
1,2-Dibromoethane (EDB)		53.6		ug/L	50.0	107%	70 - 130	1	20	11I4727		09/22/11 11:06
Dibromomethane		49.2		ug/L	50.0	98%	70 - 130	0.3	20	11I4727		09/22/11 11:06
1,2-Dichlorobenzene		53.7		ug/L	50.0	107%	70 - 130	1	20	11I4727		09/22/11 11:06
1,3-Dichlorobenzene		55.0		ug/L	50.0	110%	70 - 130	0.8	20	11I4727		09/22/11 11:06
1,4-Dichlorobenzene		54.1		ug/L	50.0	108%	70 - 130	0.07	20	11I4727		09/22/11 11:06
Dichlorodifluoromethane		50.1		ug/L	50.0	100%	70 - 130	1	20	11I4727		09/22/11 11:06
1,2-Dichloroethane		47.0		ug/L	50.0	94%	70 - 130	1	20	11I4727		09/22/11 11:06
1,1-Dichloroethane		51.3		ug/L	50.0	103%	70 - 130	2	20	11I4727		09/22/11 11:06
1,1-Dichloroethene		51.0		ug/L	50.0	102%	70 - 130	2	20	11I4727		09/22/11 11:06
trans-1,2-Dichloroethene		52.5		ug/L	50.0	105%	70 - 130	1	20	11I4727		09/22/11 11:06
cis-1,2-Dichloroethene		52.6		ug/L	50.0	105%	70 - 130	0.8	20	11I4727		09/22/11 11:06
1,3-Dichloropropane		49.5		ug/L	50.0	99%	70 - 130	2	20	11I4727		09/22/11 11:06
2,2-Dichloropropane		54.2		ug/L	50.0	108%	70 - 130	2	20	11I4727		09/22/11 11:06
1,2-Dichloropropane		48.4		ug/L	50.0	97%	70 - 130	0.6	20	11I4727		09/22/11 11:06
trans-1,3-Dichloropropene		44.7		ug/L	50.0	89%	70 - 130	1	20	11I4727		09/22/11 11:06
1,1-Dichloropropene		51.3		ug/L	50.0	103%	70 - 130	0.5	20	11I4727		09/22/11 11:06
cis-1,3-Dichloropropene		54.8		ug/L	50.0	110%	70 - 130	0.2	20	11I4727		09/22/11 11:06
Diethyl ether		59.2		ug/L	50.0	118%	70 - 130	0.5	20	11I4727		09/22/11 11:06
1,4-Dioxane		5670		ug/L	5000	113%	70 - 130	2	20	11I4727		09/22/11 11:06
Ethylbenzene		55.6		ug/L	50.0	111%	70 - 130	0.1	20	11I4727		09/22/11 11:06
Ethyl tert-Butyl Ether		49.0		ug/L	50.0	98%	70 - 130	0.4	20	11I4727		09/22/11 11:06
Hexachlorobutadiene		54.0		ug/L	50.0	108%	70 - 130	1	20	11I4727		09/22/11 11:06
2-Hexanone		286		ug/L	250	115%	70 - 130	0.5	20	11I4727		09/22/11 11:06
Isopropylbenzene		62.0		ug/L	50.0	124%	70 - 130	0.8	20	11I4727		09/22/11 11:06

Client	GES Westford (10650)	Work Order:	NUI2478
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

PROJECT QUALITY CONTROL DATA

LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
11I4727-BSD1												
Diisopropyl Ether		51.1		ug/L	50.0	102%	70 - 130	0.8	20	11I4727		09/22/11 11:06
p-Isopropyltoluene		48.9		ug/L	50.0	98%	70 - 130	0.5	20	11I4727		09/22/11 11:06
Methyl tert-Butyl Ether		49.8		ug/L	50.0	100%	70 - 130	0.5	20	11I4727		09/22/11 11:06
Methylene Chloride		50.1		ug/L	50.0	100%	70 - 130	1	20	11I4727		09/22/11 11:06
4-Methyl-2-pentanone		236		ug/L	250	94%	70 - 130	2	20	11I4727		09/22/11 11:06
Naphthalene		43.5		ug/L	50.0	87%	70 - 130	2	20	11I4727		09/22/11 11:06
n-Propylbenzene		59.9		ug/L	50.0	120%	70 - 130	2	20	11I4727		09/22/11 11:06
Styrene		56.6		ug/L	50.0	113%	70 - 130	0.3	20	11I4727		09/22/11 11:06
1,1,2,2-Tetrachloroethane		53.2		ug/L	50.0	106%	70 - 130	2	20	11I4727		09/22/11 11:06
1,1,1,2-Tetrachloroethane		47.2		ug/L	50.0	94%	70 - 130	1	20	11I4727		09/22/11 11:06
Tetrachloroethene		51.4		ug/L	50.0	103%	70 - 130	8	20	11I4727		09/22/11 11:06
Tetrahydrofuran		527		ug/L	500	105%	70 - 130	3	20	11I4727		09/22/11 11:06
Toluene		48.7		ug/L	50.0	97%	70 - 130	0.6	20	11I4727		09/22/11 11:06
1,2,4-Trichlorobenzene		44.3		ug/L	50.0	89%	70 - 130	0.7	20	11I4727		09/22/11 11:06
1,2,3-Trichlorobenzene		42.1		ug/L	50.0	84%	70 - 130	2	20	11I4727		09/22/11 11:06
1,1,1-Trichloroethane		50.6		ug/L	50.0	101%	70 - 130	0.2	20	11I4727		09/22/11 11:06
1,1,2-Trichloroethane		48.7		ug/L	50.0	97%	70 - 130	2	20	11I4727		09/22/11 11:06
Trichloroethene		49.4		ug/L	50.0	99%	70 - 130	0.3	20	11I4727		09/22/11 11:06
Trichlorofluoromethane		46.5		ug/L	50.0	93%	70 - 130	2	20	11I4727		09/22/11 11:06
1,2,3-Trichloropropane		51.0		ug/L	50.0	102%	70 - 130	5	20	11I4727		09/22/11 11:06
1,3,5-Trimethylbenzene		57.5		ug/L	50.0	115%	70 - 130	0.9	20	11I4727		09/22/11 11:06
1,2,4-Trimethylbenzene		57.0		ug/L	50.0	114%	70 - 130	0.2	20	11I4727		09/22/11 11:06
Vinyl chloride		49.8		ug/L	50.0	100%	70 - 130	2	20	11I4727		09/22/11 11:06
Xylenes, total		165		ug/L	150	110%	70 - 130	0.3	20	11I4727		09/22/11 11:06
1,1,2-Trifluorotrichloroethane		52.2		ug/L	50.0	104%	70 - 130	0.7	20	11I4727		09/22/11 11:06
Surrogate: 1,2-Dichloroethane-d4		23.0		ug/L	25.0	92%	70 - 130			11I4727		09/22/11 11:06
Surrogate: Dibromofluoromethane		23.6		ug/L	25.0	94%	70 - 130			11I4727		09/22/11 11:06
Surrogate: Toluene-d8		22.7		ug/L	25.0	91%	70 - 130			11I4727		09/22/11 11:06
Surrogate: 4-Bromofluorobenzene		25.7		ug/L	25.0	103%	70 - 130			11I4727		09/22/11 11:06

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	GES Westford (10650)	Work Order:	NUI2478
	364 Littleton Road, Suite 4	Project Name:	General Chemical
	Westford, MA 01886	Project Number:	Framingham, MA
Attn	Stefan Sokol	Received:	09/21/11 07:45

DATA QUALIFIERS AND DEFINITIONS

L Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.

L1 Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above acceptance limits.

ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nashville, TN

COOLER REC

NUI2478

Cooler Received/Opened On 9/21/2011 @ 07:45 ,

1. Tracking # 6188 (last 4 digits, FedEx)

Courier: FEDEX IR Gun ID 96210146

2. Temperature of rep. sample or temp blank when opened: 1.7 *Degrees Celsius*

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...NO...(NA)

4. Were custody seals on outside of cooler? (YES)...NO...NA

If yes, how many and where: 1 Front

5. Were the seals intact, signed, and dated correctly? (YES)...NO...NA

6. Were custody papers inside cooler? (YES)...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) GB

7. Were custody seals on containers: YES (NO) and Intact YES...NO...(NA)

Were these signed and dated correctly? YES...NO...(NA)

8. Packing mat'l used? (Bubblewrap) Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? (YES)...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? (YES)...NO...NA

12. Did all container labels and tags agree with custody papers? (YES)...NO...NA

13a. Were VOA vials received? (YES)...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...(NO)...NA

14. Was there a Trip Blank in this cooler? (YES)...NO...NA If multiple coolers, sequence #_____

I certify that I unloaded the cooler and answered questions 7-14 (intial) AW

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...(NA)

b. Did the bottle labels indicate that the correct preservatives were used (YES)...NO...NA

16. Was residual chlorine present? YES...NO...(NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) AW

17. Were custody papers properly filled out (ink, signed, etc)? (YES)...NO...NA

18. Did you sign the custody papers in the appropriate place? (YES)...NO...NA

19. Were correct containers used for the analysis requested? (YES)...NO...NA

20. Was sufficient amount of sample sent in each container? (YES)...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) AW

I certify that I attached a label with the unique LIMS number to each container (intial) AW

21. Were there Non-Conformance issues at login? YES...(NO) Was a PIPE generated? YES...(NO)...#_____

BIS = Broken in shipment

NUI2478
09/23/11 23:59

1st 1

TestAmerica

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

Consultant Name: GES
Address: 364 Littleton Road
City/State/Zip: Westford, MA 01886
Project Mgr: Stefan Sokol
Consultant Project Mgr: Roy Swartz
Consultant Telephone Number: 800-221-6119
Sampler Name: (Print)
Sampler Signature:
Fax No.: 978-392-8583

TA Account #:
Invoice To:
Report To: Stefan Sokol - ssokol@gesonline.com; Mary Cathey - mcathey@gesonline.com
PO #:
PROJECT #: 1603978
Facility ID # General Chemical
Site Address 133 Leland Street
City, State, Zip Framington, MA
Regulatory District (CA)

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: VOCs	VPH	SVOCs	EPH	TOC	total Fe & Mn					IRUSH TAT (Pre-Schedule) *	TAT request (in Bus. Days)	Fax Results (yes or no)	Due Date of Report
trip blank		—	1	X					X																						2			
MW-18M				X					X												X								NUI2478.01		2			
MW-19				X					X												X								02		2			
MW-20				X					X												X								03		2			
																					X								04		2			

Comments/Special Instructions: 2-day TAT approved by Jennifer

Laboratory Comments:
Temperature Upon Receipt: 1.7c
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2 Level 3 Level 4 Other

Relinquished by:	Date	Time	Received by:	Date	Time
	9/14/11	11:...		9/14/11	11:...
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
	9/20/11	1350		9/20/11	135

Rec'd by: 9-21-11 @ 0745

Appendix D
Low Flow Sampling Field Data Sheets

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of

SITE: GENERAL CHEMICAL
DATE: 7/26/11
FIELD PERSONNEL: NICK VITELLI
WEATHER:
MONITORING WELL #: CDW-6
WELL DEPTH: 19.4 feet
SCREENED INTERVAL: 2-12
MONITORING WELL PERMIT #:
WELL DIAMETER: 2 inches
MONITORING WELL IS FLUSH TO GRADE

PID/FID READINGS (ppm$_v$): BACKGROUND:
HEADSPACE:
PUMP INTAKE DEPTH: 15' feet below top of casing
DEPTH TO WATER BEFORE PUMP INSTALLATION: 4.92 feet below top of casing

TIME	Purging	Sampling	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/L) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (°C) READING	TEMPERATURE CHANGE*	PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
0			5.46	NA	735	NA	161.5	NA	1.11	NA	462	NA	12.69	NA	200	4.92
5			5.28		736		197.5		0.79		644		12.61		200	5.80
10			5.18		733		214.3		0.53		479		12.36		200	5.80
15			5.15		729		231.4		0.32		506		12.20		200	5.80
20			5.15		726		240.5		0.23		271.9		12.13		200	5.80
25			5.17		723		~~248.7~~		0.17		275		12.02		200	5.85
30			5.20		723		256.2		0.13		140.0		12.07		200	5.90
35			5.23		724		261.1		0.15		95.7		12.10		175	5.80
40			5.25		724		264.8		0.20		73.7		12.01		175	5.80
45			5.26		722		267.0		0.22		68.3		11.97		175	5.80

Comments:

Analyses Samples Collected for:

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of 1

SITE: General Chemical
DATE: 8/24/11
FIELD PERSONNEL: Brian Carlevale
WEATHER: Sunny 70's
MONITORING WELL #: CDW-9 WELL DEPTH: 7.42 feet SCREENED INTERVAL: 2 - 12'
MONITORING WELL PERMIT #: _____ WELL DIAMETER: 2" inches MONITORING WELL IS FLUSH TO GRADE: yes

PID/FID READINGS (ppm$_v$): BACKGROUND: _____ HEADSPACE: _____
PUMP INTAKE DEPTH: 6.00 feet below top of casing
DEPTH TO WATER BEFORE PUMP INSTALLATION: 3.18 feet below top of casing

TIME	Purging	Sampling	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/L) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (°C) READING	TEMPERATURE CHANGE*	PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
0	X		6.34	NA	596	NA	30.0	NA	3.12	NA	155.6	NA	18.58	NA	~300	3.77
5	X		6.07		490		60.1		0.95		124.6		18.56			3.63
10	X		6.00		402		85.5		0.53		97.5		18.86			3.68
15	X		5.98		366		94.3		0.54		73.2		18.98			3.68
20	X		6.42		359		88.2		0.63		85.5		19.79			3.81
25	X		5.92		400		109.3		0.53		39.6		18.97			3.68
30	X		5.92		450		107.6		0.48		36.2		18.94			3.68
35		X	5.92		482		106.2		0.45		30.3		18.84		↓	3.65

Comments: Turbidity values above 10 NTU and do not seem to be going lower. Sample is not too silty. Perhaps well should be re-developed

Analyses Samples Collected for: See COC

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of

SITE: Gas Chan — FIELD PERSONNEL: V. Sayer

DATE: 8/23/11 — WEATHER: P. Cloudy, 80's

MONITORING WELL #: CDW-10 — WELL DEPTH: 11.2 feet — SCREENED INTERVAL:

MONITORING WELL PERMIT #: — WELL DIAMETER: 2 inches — MONITORING WELL IS FLUSH-TO-GRADE

PID/FID READINGS (ppm): BACKGROUND: 0 — PUMP INTAKE DEPTH: 9 feet below top of casing

HEADSPACE: 0 — DEPTH TO WATER BEFORE PUMP INSTALLATION: 0.95 feet below top of casing

TIME	Purging	Sampling	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/L) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (°C) READING	TEMPERATURE CHANGE*	PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
1520			6.44	NA	598	NA	-83.8	NA	1.62	NA	30.6	NA	17.91	NA	200	
1525			6.34		593		-86.0		1.21		22.0		17.67			1.01
1530			6.35		570		-82.9		1.13		11.8		17.32			
1535			6.36		563		-82.3		1.12		9.5		17.31			1.01
1540			6.37		554		-81.4		1.12		8.1		17.29			
1545			6.38		549		-81.0		1.12		6.9		17.25			1.01
1550			6.39		541		-79.8		1.11		6.0		17.23			
1555			6.39		534		-78.6		1.11		5.8		17.29			1.01
1600		X	6.40		532		-78.5		1.11		6.0		17.25			
1605		X	6.40		531		-78.1		1.12		6.4		17.23			1.01

Comments:

Analyses Samples Collected for: VOCs

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

SITE: GEM Chem — Sheet 1 of ____

DATE: 8/24/11 — FIELD PERSONNEL: V. Sawyer

WEATHER: PC Cloudy, 80's

MONITORING WELL #: MW-12 — WELL DEPTH: 20 feet — SCREENED INTERVAL: 10-20

MONITORING WELL PERMIT #: ____ — WELL DIAMETER: 2 inches — MONITORING WELL IS FLUSH TO GRADE

PID/FID READINGS (ppm_v): BACKGROUND: 0 — HEADSPACE: 0

PUMP INTAKE DEPTH: 15 feet below top of casing

DEPTH TO WATER BEFORE PUMP INSTALLATION: 2.38 feet below top of casing

TIME	Purging	Sampling	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/L) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (°C) READING	TEMPERATURE CHANGE*	PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
1210			6.01	NA	523	NA	-16.5	NA	2.26	NA	39.0	NA	18.15	NA	300	3.02
1215			5.96		535		-22.4		1.44		17.6		16.87			
1220			5.93		536		-22.1		1.42		22.5		16.52			3.18
1225			5.96		533		-23.3		1.42		27.3		16.43			
1230			5.97		531		-24.6		1.41		30.6		16.36			4.25
1235			5.97		527		-24.1		1.40		30.1		16.25			
1240			5.99		526		-25.0		1.44		30.5		16.31			4.40
1245			5.98		522		-24.9		1.48		28.9		16.32			
1250		X	5.98		521		-24.7		1.46		27.5		16.28			4.59
							CO_2		50 ppm							

Comments:

Analyses Samples Collected for: ____

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of

SITE: General Chemical
DATE: 9/1/11
FIELD PERSONNEL: Brian Cacciuc
WEATHER: Sunny 70's
MONITORING WELL #: GMW-14
WELL DEPTH: 11.30 feet
SCREENED INTERVAL: 10 - 12'
MONITORING WELL PERMIT #:
WELL DIAMETER: 2" inches
MONITORING WELL IS FLUSH TO GRADE

PID/FID READINGS (ppm_v): BACKGROUND:
HEADSPACE:
PUMP INTAKE DEPTH: 11.00 feet below top of casing
DEPTH TO WATER BEFORE PUMP INSTALLATION: 4.06 feet below top of casing

TIME	Purging	Sampling	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (°C)		PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
0	X		6.57	NA	206	NA	-50.6	NA	0.47	NA	176.3	NA	19.48	NA	~300	NA
5	X		6.44		205		-55.9		0.26		77.4		19.11			NA
10	X		6.46		198		-56.5		0.24		19.6		18.33			NA
15	X		6.52		198		-56.8		0.21		13.9		18.30			NA
20	X		6.56		198		-35.9		0.17		8.7		18.20			NA
25	X		6.60		198		-17.9		0.19		5.1		18.27			NA
30	X		6.64		198		-91.3		0.17		5.5		18.21			NA
35	X		6.64		198		-92.7		0.18		5.3		18.19			NA
40		X	6.64		198		-96.0		0.16		4.7		18.21			NA

Comments:

Analyses Samples Collected for: See COC

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of 1

SITE: General Chemical
DATE: 5/24/11
FIELD PERSONNEL: Brian Carcavale
WEATHER: Sunny 80's
MONITORING WELL #: CBMW-15D WELL DEPTH: 8.95 feet SCREENED INTERVAL: 4-9 to 6.5
MONITORING WELL PERMIT #: WELL DIAMETER: 2" inches MONITORING WELL IS FLUSH TO GRADE: Y/S

PID/FID READINGS (ppm$_v$): BACKGROUND:
HEADSPACE:
PUMP INTAKE DEPTH: 7.50 feet below top of casing
DEPTH TO WATER BEFORE PUMP INSTALLATION: 2.05 feet below top of casing

TIME	Purging	Sampling	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/L) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (°C) READING	TEMPERATURE CHANGE*	PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
0	X		7.88	NA	239	NA	-109.2	NA	3.72	NA	41.6	NA	17.53	NA	~300	3.26
5	X		6.37		164		-95.9		0.40		29.7		17.15			4.58
10	X		6.36		152		-95.8		0.45		26.1		17.29			5.10
15	X		6.34		190		-79.9		0.66		22.4		17.39			5.80
20	X		6.29		248		-69.9		1.06		17.6		17.18			6.38
25	X		6.28		361		-64.3		2.17		10.8		16.88			6.80
30	X		6.30		430		-63.6		3.16		11.9		16.52			6.85
35		X	6.33		439		-62.5		3.12		21.2		16.64		↓	6.90
L																

Comments: Turbidity values about 10 NTU, but sample is not do silty. Perhaps well should be re-developed

Analyses Samples Collected for: See COC

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of

SITE: Geo. Chem
DATE: 8/23/11
FIELD PERSONNEL: V. Kamyr
WEATHER: P. Cloudy, 80's
MONITORING WELL #: CSW-19S WELL DEPTH: 24.4 feet SCREENED INTERVAL:
MONITORING WELL PERMIT #: WELL DIAMETER: 4 inches IF MONITORING WELL IS FLUSH TO GRADE LIST DEPTH:

PID/FID READINGS (ppm.): BACKGROUND: 0
HEADSPACE: 0
PUMP INTAKE DEPTH: 6 feet below top of casing
DEPTH TO WATER BEFORE PUMP INSTALLATION: 4.23 feet below top of casing

TIME	Purging	Sampling	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/L) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (°C) READING	TEMPERATURE CHANGE*	PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
1235			6.24	NA	318	NA	150.2	NA	5.73	NA	40.4	NA	19.32	NA	.200	
1240			6.14		311		166.2		4.12		46.3		18.24			5.54
1245			6.07		305		184.6		3.62		39.8		17.74			
1250			6.03		302		198.11		3.62		48.6		17.37			5.69
1255			6.03		300		206.1		3.71		40.7		16.97			
1300			6.01		296		220.1		3.46		39.8		16.54			5.72
1305			6.02		294		221.9		3.44		36.5		16.23			
1310		X	6.02		294		224.6		3.42		37.2		16.11			5.75

Comments:

Analyses Samples Collected for: VOC's

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

MW

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of ____

SITE: GENERAC CHEMICAL
DATE: 7/27/11
FIELD PERSONNEL: NICK VERLI
WEATHER:
MONITORING WELL #: EW-1 WELL DEPTH: 48.35 feet
SCREENED INTERVAL: 10 - 45'
MONITORING WELL PERMIT #: _____ WELL DIAMETER: 6" inches
MONITORING WELL IS FLUSH TO GRADE

PID/FID READINGS (ppm$_v$): 1-7 PPM
BACKGROUND: _____
HEADSPACE: _____
PUMP INTAKE DEPTH: 35' feet below top of casing
DEPTH TO WATER BEFORE PUMP INSTALLATION : 5.16 feet below top of casing

TIME	Purging	Sampling	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (°C)		PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
0			5.60	NA	1411	NA	150.5	NA	3.46	NA	42	NA	—	NA	200	5.16
5			5.53		1397		196.5		2.48		9.6		13.87		200	5.27
10			5.45		1352		246.5		1.71		6.7		13.56		200	5.30
15			5.43		1376		264.4		1.63		8.8		13.37		200	5.30
20			5.45		1373		289.5		1.51		7.4		13.21		200	5.30
25			5.50		1371		275.5		1.52		6.5		13.19		200	5.30
30			5.58		1374		299.9		1.41		3.6		13.31		200	5.30
35			5.60		1377		304.2		1.33		3.6		13.31		200	5.30
40			5.60		1361		308.5		1.37		5.4		13.37		200	5.30

Comments:

Analyses Samples Collected for: COC

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of

SITE: GENERAL CHEMICAL
DATE: 7/26/11
FIELD PERSONNEL: NICK VARELLI
WEATHER:
MONITORING WELL #: EWPZ-25 WELL DEPTH: 19.99 feet SCREENED INTERVAL: 3-18
MONITORING WELL PERMIT #: _____ WELL DIAMETER: 2 inches MONITORING WELL IS FLUSH TO GRADE
PID/FID READINGS (ppm$_v$): BACKGROUND: _____ PUMP INTAKE DEPTH: 10' feet below top of casing
HEADSPACE: _____ DEPTH TO WATER BEFORE PUMP INSTALLATION: 6.02 feet below top of casing

TIME	Purging	Sampling	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (°C)		PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
0			3.70	NA	3374	NA	245.3	NA	[illegible]	NA	27.5	NA	13.60	NA	200	6.02
5			3.25		3432		258.0		0.06		8.3		12.94		200	6.50
10			3.23		3729		261.9		-0.26		10.7		12.56		200	6.50
15			3.21		3208		270.6		-0.31		9.3		12.61		200	6.50
20			3.20		3177		275.5		-0.28		8.2		12.59		200	6.50
25			3.20		3177		280.7		-0.01		6.2		12.61		200	6.50

Comments:

Analyses Samples Collected for: _____

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of

SITE: GENERAL CHEM
DATE: 7/20/11
FIELD PERSONNEL: Nick Vitucci
WEATHER:
MONITORING WELL #: EWPZ-20 WELL DEPTH: 38-30 feet
SCREENED INTERVAL: 27-43
MONITORING WELL PERMIT #: WELL DIAMETER: 2 inches
MONITORING WELL IS FLUSH TO GRADE

PID/FID READINGS (ppm$_v$): BACKGROUND:
HEADSPACE:
PUMP INTAKE DEPTH: 30' feet below top of casing
DEPTH TO WATER BEFORE PUMP INSTALLATION: 5.11 feet below top of casing

TIME	Purging	Sampling	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/L) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (°C) READING	TEMPERATURE CHANGE*	PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
0			5.30	NA	2026	NA	161.5	NA	3.14	NA	208.4	NA	13.95	NA	200	5.11
5			5.33		1984		177.4		2.07		66.4		13.36		200	5.23
10			5.36		1976		187.9		1.75		51.8		13.27		200	5.23
15			5.40		1970		204.1		1.50		32.6		13.26		200	5.28
20			5.42		1959		223.0		1.75		123.1		13.19		200	5.25
25			5.44		1940		236.9		1.65		137.0		13.03		200	5.25
30			5.46		1940		243.9		1.31		141.0		13.05		200	5.25
35			5.50		1932		254.5		2.26		144.4		13.05		200	5.25
40			5.53		1927		263.3		1.20		78.5		13.06		200	5.23
45			5.55		1922		267.8		1.28		34.5		13.06		200	5.23

Comments:

Analyses Samples Collected for:

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of ____

SITE: GENERAL CHEMICAL
DATE: 7/25/11
FIELD PERSONNEL: [illegible]
WEATHER:
MONITORING WELL #: ERM-11 WELL DEPTH: 12.5 feet SCREENED INTERVAL: 4-14
MONITORING WELL PERMIT #: _____ WELL DIAMETER: 2 inches MONITORING WELL IS FLUSH TO GRADE

PID/FID READINGS (ppmv): BACKGROUND: _____ PUMP INTAKE DEPTH: 10' feet below top of casing
HEADSPACE: _____ DEPTH TO WATER BEFORE PUMP INSTALLATION : _____ feet below top of casing

TIME	Purging	Sampling	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (°C)		PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
0			5.85	NA	2364	NA	142.0	NA	0.14	NA	398	NA	19.95	NA	200	5.30
5			5.66		2260		177.3		0.49		54.5		20.19		200	5.30
10			5.70		2161		153.4		1.56		164.9		20.01		200	5.30
15			5.69		1879		197.1		1.31		55.9		20.13		200	5.30
20			5.74		1749		208.7		1.90		16.50		20.42		200	5.30
25			5.80		1652		216.2		2.16		7.5		20.49		200	5.30
30			5.84		1619		224.5		2.29		2.5		20.55		200	5.50
35			5.85		1628		225.7		1.99		2.1		20.56		200	5.50
40			5.85		1633		230.4		1.98		1.6		20.57		200	5.50

Comments:

Analyses Samples Collected for: COC

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of 1

SITE: Framingham 1603978 FIELD PERSONNEL: PM

DATE: 08/22/11 WEATHER: sunny / 80s

MONITORING WELL #: GZ2 WELL DEPTH: 63.85 feet SCREENED INTERVAL: [illegible]

MONITORING WELL PERMIT #: [illegible] WELL DIAMETER: 2 inches IS MONITORING WELL IS FLUSH TO GRADE? YES

PID/FID READINGS (ppm.): BACKGROUND: [illegible] PUMP INTAKE DEPTH: 62.85 feet below top of casing

HEADSPACE: [illegible] DEPTH TO WATER BEFORE PUMP INSTALLATION: 6.98 feet below top of casing

TIME	Pumping	Sampling	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/L) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (°C) READING	TEMPERATURE CHANGE*	PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
0			7.14	NA	162	NA	45.5	NA	3.57	NA	1104.2	NA	16.16	NA	200	6.45
5			5.60		255		83.7		0.92		996.3		14.82			8.90
10			5.57		226		90.0		0.71		758.8		14.37			10.50
15			5.56		235		88.8		0.64		841.4		14.06			11.20
20			5.56		272		77.9		0.57		902.0		13.94			12.30
25			5.56		349		56.8		0.53		861.1		13.78			13.00
30			5.56		442		32.9		0.50		1047.5		13.76			13.60
35			5.57		522		24.6		0.47		1045.7		13.49			14.25
40			5.60		584		25.3		0.46		516.8		13.58			14.45
45			5.63		599		28.7		0.26		1092.8		13.16			14.65

Comments: Readings taken up to 45 mins as per Stephen Sok.1. Sample taken after 45 mins

Analyses Samples Collected for: VOCs

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of

SITE: Gen. Chem
DATE: 8/23/11
FIELD PERSONNEL: V. Sauza
WEATHER: Clear, 80's
MONITORING WELL #: GZ-4R WELL DEPTH: 64.4 feet SCREENED INTERVAL:
MONITORING WELL PERMIT #: WELL DIAMETER: 2 inches MONITORING WELL IS FLUSH/UPGRADE?

PID/FID READINGS (ppm$_v$): BACKGROUND: 0
HEADSPACE: 0
PUMP INTAKE DEPTH: 60 feet below top of casing
DEPTH TO WATER BEFORE PUMP INSTALLATION: 2.55 feet below top of casing

TIME	Purging	Sampling	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/L) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (°C) READING	TEMPERATURE CHANGE*	PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
1120			6.15	NA	45	NA	136.5	NA	1.35	NA	208.4	NA	14.95	NA	.200	
1125			5.73		43		120.7		0.57		62.1		14.46			8.05
1130			5.59		41		118.0		0.29		25.7		13.85			
1135			5.64		41		115.6		0.37		17.1		13.92			8.22
1140			5.65		42		115.1		0.39		11.2		13.94			
1145			5.66		42		114.8		0.38		9.8		13.88			8.25
1150		X	5.66		42		114.5		0.39		9.5		13.91		-	8.27

Comments:

Analyses Samples Collected for: VOC's

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of ____

SITE: GENERAL CHEMICAL
DATE: 7/25/11
FIELD PERSONNEL: NICK VENUCCI
WEATHER:

MONITORING WELL #: GZ-6 WELL DEPTH: 19.57 feet SCREENED INTERVAL: 10-20
MONITORING WELL PERMIT #: _____ WELL DIAMETER: 2 inches MONITORING WELL IS FLUSH TO GRADE

PID/FID READINGS (ppm$_v$): BACKGROUND: _____ PUMP INTAKE DEPTH: 17' feet below top of casing
HEADSPACE: _____ DEPTH TO WATER BEFORE PUMP INSTALLATION : _____ feet below top of casing

TIME	Purging	Sampling	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (°C)		PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
0			6.11	NA	526	NA	166.5	NA	0.71	NA	375	NA	17.56	NA	200	10.28
5			6.24		395		161.2		1.56		416		16.48		200	10.28
10			5.88		302		179.1		1.60		218		15.29		200	10.28
15			5.75		285		189.5		1.43		76.0		14.92		200	10.28
20			5.75		279		197.3		1.28		18.9		14.72		200	10.28
25			5.77		277		201.7		1.26		5.6		14.75		200	10.28

Comments:

Analyses Samples Collected for: VOCs 8260

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of

SITE: GEN Chem
FIELD PERSONNEL: V. Sayer
DATE: 8/22/11
WEATHER: Clear, 80's
MONITORING WELL #: GZ-7 WELL DEPTH: 42.35 feet SCREENED INTERVAL:
MONITORING WELL PERMIT #: WELL DIAMETER: 2 inches MONITORING WELL IS FLUSH TO GRADE?

PID/FID READINGS (ppm.): BACKGROUND:
HEADSPACE:
PUMP INTAKE DEPTH: 40 feet below top of casing
DEPTH TO WATER BEFORE PUMP INSTALLATION: 6.11 feet below top of casing

TIME	Purging	Sampling	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/L) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (°C) READING	TEMPERATURE CHANGE*	PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
1540			5.72	NA	1885	NA	-257.3	NA	3.32	NA	65.1	NA	20.38	NA	200	6.20
1545			5.74		2047		-283.6		2.91		158.7		18.94			6.41
1550			5.73		2041		-287.5		2.33		134.6		18.22			
1555			5.77		2020		-286.2		2.01		76.8		17.98			6.98
1600			5.79		1996		-283.1		2.04		68.2		17.79			
1605			5.82		1993		-279.7		1.98		71.1		17.78			7.01
1610			5.83		1989		-279.1		1.91		73.8		17.74			
1615			5.84		1983		-279.6		1.92		71.6		17.70			7.05
1620			5.84		1979		-278.8		1.91		71.7		17.67			
1625		X	5.85		1978		-278.3		1.92		69.8		17.63			7.11

Comments:

Analyses Samples Collected for:

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of ____

SITE: GEN. CHEM
DATE: 7/25/11
FIELD PERSONNEL: NECH VinH
WEATHER:
MONITORING WELL #: GZA-13
WELL DEPTH: 12.64 feet
SCREENED INTERVAL: 2-12
MONITORING WELL PERMIT #: _____
WELL DIAMETER: 2 inches
MONITORING WELL IS FLUSH TO GRADE

PID/FID READINGS (ppm$_v$): BACKGROUND: _____
HEADSPACE: _____
PUMP INTAKE DEPTH: 8' feet below top of casing
DEPTH TO WATER BEFORE PUMP INSTALLATION : _____ feet below top of casing

TIME	Purging	Sampling	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (°C)		PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
0			5.57	NA	4079	NA	179.6	NA	1.69	NA	136.3	NA	22.19	NA	200	3.94
5			5.60		4093		205.4		2.25		113.5		22.45		200	3.98
10			5.60		4207		216.2		1.82		84.2		23.64		200	3.98
15			5.64		3743		219.6		2.37		41.8		24.24		200	3.98
20			5.74		4206		219.9		1.15		46.2		23.21		200	3.98
25			5.71		4591		222.3		0.28		5.6		23.33		200	3.98
30			5.72		4268		221.0		1.36		1.2		23.65		200	3.98
40			5.73		4377		221.2		NR		0.7		23.63		200	3.98
45			5.73		4375		221.1		NR		0.5		23.62		200	3.98

Comments:

Analyses Samples Collected for: _____

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

SITE: GEW Chem — Sheet 1 of —

DATE: 8/24/11 — FIELD PERSONNEL: V. Sampa

WEATHER: Pt Cloudy, 80's

MONITORING WELL #: GZ-25S — WELL DEPTH: 16.55 feet — SCREENED INTERVAL: 4-14'

MONITORING WELL PERMIT #: — WELL DIAMETER: 2 inches — MONITORING WELL IS FLUSH TO GRADE

PID/FID READINGS (ppm_v): BACKGROUND: 0 — HEADSPACE: 0

PUMP INTAKE DEPTH: 10' feet below top of casing

DEPTH TO WATER BEFORE PUMP INSTALLATION: 6.14 feet below top of casing

TIME	Purging	Sampling	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/L) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (°C) READING	TEMPERATURE CHANGE*	PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
1040			6.33	NA	372	NA	149.2	NA	1.71	NA	72.9	NA	20.09	NA	200	
1045			6.65		299		178.6		1.94		46.5		18.45			6.25
1050			6.63		288		181.4		2.03		41.7		18.37			
1055			6.54		224		197.9		2.47		19.5		18.26			6.25
1100			6.52		204		204.9		2.60		13.2		18.18			
1105			6.50		195		212.0		2.64		9.9		18.11			6.26
1110			6.47		194		218.8		2.51		7.6		17.98			
1115			6.46		195		219.2		2.56		7.2		18.00			6.26
1120		X	6.46		195		219.9		2.49		7.1		17.98			
					CO_2		11 ppm									

Comments:

Analyses Samples Collected for: _____

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of

SITE: Geo. Chem
DATE: 8/23/4
FIELD PERSONNEL: V. Sayer
WEATHER: Pickaway, 80°
MONITORING WELL #: 6Z-15D
WELL DEPTH: 36.25 feet
SCREENED INTERVAL: 16
MONITORING WELL PERMIT #:
WELL DIAMETER: 2 inches
MONITORING WELL IS FLUSH-MOUNTED

PID/FID READINGS (ppm.): BACKGROUND: 0
HEADSPACE: 0
PUMP INTAKE DEPTH: 25 feet below top of casing
DEPTH TO WATER BEFORE PUMP INSTALLATION: 5.49 feet below top of casing

TIME	Purging	Sampling	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/L) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (°C) READING	TEMPERATURE CHANGE*	PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
1420			6.62	NA	233	NA	164.7	NA	5.53	NA	27.4	NA	18.76	NA	250	
1425			7.32		183		173.0		1.53		13.8		17.48			5.95
1430			7.38		182		175.5		1.50		13.9		17.36			
1435			7.65		178		185.6		1.40		10.3		16.87			6.24
1440			7.98		176		205.1		1.24		7.9		16.49			
1445			8.05		176		210.0		1.25		7.3		16.52			6.30
1450			8.15		176		214.7		1.27		7.2		16.46		-	
1455			8.16		176		217.5		1.28		7.9		16.38			6.32
1500		X	8.16		175		218.6		1.27		6.8		16.35			

Comments:

Analyses Samples Collected for: VOC's

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of 1

SITE: Framingham 1603978 FIELD PERSONNEL: PM

DATE: 08/22/11 WEATHER: Sunny 80s

MONITORING WELL #: GZ15R WELL DEPTH: 55.30 feet SCREENED INTERVAL: [illegible]

MONITORING WELL PERMIT #: [illegible] WELL DIAMETER: 2 inches MONITORING WELL IS FLUSH GRADE: NO

PID/FID READINGS (ppm.): BACKGROUND: [illegible]

HEADSPACE: [illegible]

PUMP INTAKE DEPTH: 54.30 feet below top of casing

DEPTH TO WATER BEFORE PUMP INSTALLATION: 5.31 feet below top of casing

TIME	Purging	Sampling	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/L) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (°C) READING	TEMPERATURE CHANGE*	PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
9			8.32	NA	428	NA	-68.6	NA	3.46	NA	10.7	NA	17.04	NA	200	5.85
5			8.18		406		-140.0		1.33		8.4		15.69			6.10
10			8.11		418		-165.2		1.71		12.7		15.70			6.00
15			7.94		428		-159.0		1.62		14.0		15.59			6.00
20			7.87		422		-152.6		1.51		14.0		15.48			6.00
25			7.87		411		-144.0		1.29		17.0		15.43			6.00
30			7.90		407		-142.5		1.22		16.4		15.40			6.00
35			7.94		403		-144.3		1.05		17.0		15.23			6.05
40			8.09		401		-150.7		1.03		17.0		15.38			6.00
45			8.06		398		-153		0.94		16.9		15.20			6.00

Comments: Readings taken up to 45 mins as per Stephen Sokol. Samples taken after 45 mins.

Analyses Samples Collected for: VOCs

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of ____

SITE: Gen. Chem
DATE: 8/24/11
FIELD PERSONNEL: V. Sawyer
WEATHER: P. Cloudy, 80s
MONITORING WELL #: 42-17S
MONITORING WELL PERMIT #: ____
WELL DEPTH: 16 feet
WELL DIAMETER: 2 inches
SCREENED INTERVAL: 4-14'
MONITORING WELL IS FLUSH TO GRADE

PID/FID READINGS (ppm_v): BACKGROUND: 0
HEADSPACE: 0
PUMP INTAKE DEPTH: 10 feet below top of casing
DEPTH TO WATER BEFORE PUMP INSTALLATION: 6.66 feet below top of casing

TIME	Purging	Sampling	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/L) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (°C) READING	TEMPERATURE CHANGE*	PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
0935			5.39	NA	133	NA	193.4	NA	2.25	NA	36.1	NA	17.87	NA	200	
0940			5.16		123		222.7		2.12		33.4		17.49			6.80
0945			4.94		111		266.6		2.42		22.4		18.11			
0950			4.88		106		284.1		2.53		17.2		18.43			6.84
0955			4.84		100		308.1		2.51		9.9		18.44			
1000			4.83		100		304.4		2.50		9.0		18.41			6.86
1005			4.82		99		305.6		2.49		9.0		18.40			
1010		X	4.83				305.4		2.50		8.9		18.39			6.87
						CO_2	10	ppm								

Comments:

Analyses Samples Collected for: ____

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of

SITE: GEN. Chem FIELD PERSONNEL: V. Sayre

DATE: 8/23/11 WEATHER: P. Cloudy, 80's

MONITORING WELL #: GZ-18S WELL DEPTH: 17.35 feet SCREENED INTERVAL: [illegible]

MONITORING WELL PERMIT #: [illegible] WELL DIAMETER: 2 inches MONITORING WELL IS FLUSH TO GRADE [illegible]

PID/FID READINGS (ppm): BACKGROUND: 0 PUMP INTAKE DEPTH: 10 feet below top of casing 6.04

HEADSPACE: 0 DEPTH TO WATER BEFORE PUMP INSTALLATION: ~~10.04~~ feet below top of casing

TIME	Purging	Sampling	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/L) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (°C) READING	TEMPERATURE CHANGE*	PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
1325			5.99	NA	297	NA	142.3	NA	1.54	NA	1.5	NA	20.32	NA	200	
1330			5.94		296		143.7		1.34		60.8		20.14			6.10
1335			5.91		295		147.8		1.27		34.2		19.86			
1340			5.89		293		152.9		1.26		21.3		19.67			6.21
1345			5.87		290		160.8		1.17		28.5		19.32			
1350			5.85		288		168.2		1.09		4.7		19.16			6.21
1355			5.85		287		169.7		1.08		5.7		19.11			
1400		X	5.84		286		169.9		1.07		6.8		19.05			6.22

Comments:

Analyses Samples Collected for: VOC's

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

SITE: Gen Chem. FIELD PERSONNEL: V. Sauza

DATE: 8/22/11 WEATHER: Clear, 80's

MONITORING WELL #: GZ18M WELL DEPTH: 41.03 feet SCREENED INTERVAL:

MONITORING WELL PERMIT #: WELL DIAMETER: 2 inches MONITORING WELL IS FLUSH TO GRADE

PID/FID READINGS (ppm): BACKGROUND: 0 PUMP INTAKE DEPTH: 40 feet below top of casing

HEADSPACE: 0 DEPTH TO WATER BEFORE PUMP INSTALLATION: 4.81 feet below top of casing

TIME	Purging	Sampling	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/L) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (°C) READING	TEMPERATURE CHANGE*	PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
1115			7.26	NA	307	NA	-207.4	NA	6.29	NA	277.4	NA	17.99	NA	200	5.21
1120			6.74		307		-207.2		5.87		272.1		17.72			6.00
1125			6.63		302		-206.4		5.78		222.1		17.21			
1130			6.55		297		-205.6		5.80		172.2		16.79			6.76
1135			6.53		292		-204.1		6.04		134.3		16.77			
1140			6.48		293		-202.8		5.99		94.1		16.25			7.24
1145			6.45		298		-203.0		6.03		58.1		16.06			
1150			6.42		301		-203.5		5.94		40.2		15.96			7.81
1155			6.41		302		-203.8		5.92		24.5		15.94			
1200			6.40		302		-203.3		5.91		14.1		15.98			7.64
1205			6.39		302		-202.8		5.89		12.4		15.99			
1210			6.39		303		-203.0		5.88		9.7		16.0			7.77

Comments:

Analyses Samples Collected for: VOC's

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 2 of 2

SITE: GEN Chem
DATE: 8/22/11
FIELD PERSONNEL: V. Sanya
WEATHER: Clear, 80s
MONITORING WELL #: 6Z/BM WELL DEPTH: 42.3 feet SCREENED INTERVAL:
MONITORING WELL PERMIT #: WELL DIAMETER: 2 inches MONITORING WELL IS FLUSH TO GRADE (Y/N):

PID/FID READINGS (ppm.): BACKGROUND: 0
HEADSPACE: 0
PUMP INTAKE DEPTH: 40 feet below top of casing
DEPTH TO WATER BEFORE PUMP INSTALLATION: 4.81 feet below top of casing

TIME	Purging	Sampling	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (°C)		PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
1215		X	6.40	NA	302	NA	-207.5	NA	5.89	NA	9.8	NA	16.0	NA	200	

Comments:

Analyses Samples Collected for:

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of 1

SITE: General Chemical
DATE: 8/25/11
FIELD PERSONNEL: Brian Caccavale
WEATHER: Sun, 70's
MONITORING WELL #: MW-25 WELL DEPTH: 14.45 feet SCREENED INTERVAL: 5-15
MONITORING WELL PERMIT #: _____ WELL DIAMETER: 2" inches MONITORING WELL IS FLUSH TO GRADE: Yes

PID/FID READINGS (ppm_v): BACKGROUND: _____ HEADSPACE: _____
PUMP INTAKE DEPTH: 10.00 feet below top of casing
DEPTH TO WATER BEFORE PUMP INSTALLATION: 4.83 feet below top of casing

TIME	Purging	Sampling	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/L) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (°C) READING	TEMPERATURE CHANGE*	PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
0	X		6.27	NA	877	NA	140.1	NA	6.41	NA	17.5	NA	20.10	NA	~300	4.95
5	X		5.85		839		184.3		4.42		2.2		20.42			4.95
10	X		5.84		815		193.0		4.61		2.4		20.78			4.95
15	X		5.87		819		204.5		4.97		2.5		21.21			4.95
20	X		5.89		805		208.6		5.41		2.3		21.38			4.95
25	X		5.87		736		207.9		5.31		2.1		21.70			4.95
30		X	5.85		732		212.6		5.17		0.4		21.76		↓	4.95

Comments:

Analyses Samples Collected for: Soil COC

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of ____

SITE: GENERAL CHEMICAL
DATE: 7/27/11
FIELD PERSONNEL: Nick Volk
WEATHER:
MONITORING WELL #: WMW-4 WELL DEPTH: 13.84 feet SCREENED INTERVAL: 5-15
MONITORING WELL PERMIT #: _____ WELL DIAMETER: 2 inches MONITORING WELL IS FLUSH TO GRADE

PID/FID READINGS (ppm$_v$): 463 BACKGROUND: _____ PUMP INTAKE DEPTH: 10' feet below top of casing
HEADSPACE: _____ DEPTH TO WATER BEFORE PUMP INSTALLATION : _____ feet below top of casing

TIME	Purging	Sampling	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (°C)		PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
0			5.82	NA	1091	NA	100.6	NA	3.79	NA	119.9	NA	21.23	NA	200	6.54
5			5.54		1002		160.6		115		131.7		19.57		200	6.66
10			5.43		1107		202.8		0.90		137.4		13.96		175	6.66
15			5.41		978		226.0		0.90		109.1		13.19		175	6.62
20			5.44		991		252.2		0.91		86.0		19.75		175	6.62
25			5.47		998		267.5		0.91		61.8		19.11		175	6.62
30			5.50		1000		280.3		0.57		53.2		20.04		175	6.62
35			5.53		989		267.9		0.78		44.1		19.74		175	6.62
40			5.58		992		257.0		0.70		32.6		19.90		175	6.62
45			5.61		995		256.5		0.67		33.1		19.89		175	6.62

Comments:

Analyses Samples Collected for: COC

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of ____

SITE: GENERAL CHEMICAL
DATE: 7/25/11
FIELD PERSONNEL: Nick Vitelli
WEATHER: Clouds; 70's
MONITORING WELL #: WMW-5 WELL DEPTH: 15.5 feet
SCREENED INTERVAL: 5-15
MONITORING WELL PERMIT #: _____ WELL DIAMETER: 2 inches
MONITORING WELL IS FLUSH TO GRADE

PID/FID READINGS (ppm_v): BACKGROUND: _____
HEADSPACE: _____
PUMP INTAKE DEPTH: 10.5' feet below top of casing
DEPTH TO WATER BEFORE PUMP INSTALLATION: 7.78 feet below top of casing

TIME	Purging	Sampling	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/L) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (°C) READING	TEMPERATURE CHANGE*	PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
0			7.23	NA	677	NA	51.7	NA	5.12	NA	197.8	NA	16.67	NA	200	7.81
5			6.74		632		77.5		1.02		34.5		16.14		200	7.81
10			6.67		614		81.9		0.73		18.1		16.17		200	7.85
15			6.66		602		84.6		0.49		16.7		16.12		200	7.85
20			6.67		597		85.6		0.41		8.6		16.09		200	7.85
25			6.68		596		86.0		0.36		5.2		16.13		200	7.58
30			6.69		594		85.9		0.09		5.2		16.20		200	7.58

Comments:

Analyses Samples Collected for: COC

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of

SITE: GENERAC CHEMICAL
DATE: 7/27/11
FIELD PERSONNEL: Nick Vitulli
WEATHER:
MONITORING WELL #: GMW-6
WELL DEPTH: 42.75 feet
SCREENED INTERVAL:
MONITORING WELL PERMIT #:
WELL DIAMETER: 2 inches
MONITORING WELL IS FLUSH TO GRADE

PID/FID READINGS (ppm_v): 158
BACKGROUND:
HEADSPACE:
PUMP INTAKE DEPTH: 25' feet below top of casing
DEPTH TO WATER BEFORE PUMP INSTALLATION: 5.36 feet below top of casing

TIME	Purging	Sampling	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/L) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (°C) READING	TEMPERATURE CHANGE*	PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
0			5.98	NA	666	NA	127.4	NA	5.17	NA	111.6	NA	15.78	NA	200	5.36
5			5.59		769		202.5		1.77		55.5		15.75		200	5.46
10			5.67		784		220.6		1.45		44.4		16.24		200	5.50
15			5.73		783		219.2		0.98		20.2		16.31		200	5.45
20			5.76		783		208.7		0.76		24.9		16.21		200	5.45
25			5.82		795		183.6		0.53		10.3		16.53		200	5.45
30			5.85		815		158.8		0.44		9.9		16.73		200	5.45
35			5.86		831		132.0		0.43		13.3		16.93		200	5.45
40			5.85		833		116.6		0.35		14.8		16.51		200	5.45

Comments:

Analyses Samples Collected for:

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of 1

SITE: General Chemical
DATE: 8/25/11
FIELD PERSONNEL: Brian Caccavale
WEATHER: Sun 80's
MONITORING WELL #: MW-85 WELL DEPTH: 21.10 feet SCREENED INTERVAL: 5-20'
MONITORING WELL PERMIT #: _____ WELL DIAMETER: 2" inches MONITORING WELL IS FLUSH TO GRADE: NO
PID/FID READINGS (ppm_v): BACKGROUND: _____ HEADSPACE: _____
PUMP INTAKE DEPTH: 16.00 feet below top of casing
DEPTH TO WATER BEFORE PUMP INSTALLATION: 4.26 feet below top of casing

TIME	Purging	Sampling	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/L) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (°C) READING	TEMPERATURE CHANGE*	PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
0	X		6.59	NA	328	NA	84.7	NA	4.73	NA	2341	NA	16.04	NA	~300	5.43
5	X		6.05		306		106.8		6.78		419.3		15.68			6.58
10	X		6.01		305		123.4		0.53		152.3		15.81			7.40
15	X		6.01		303		113.6		0.44		413.3		15.51			8.13
20	X		5.98		300		99.5		0.38		410.4		14.91			8.55
25	X		5.95		295		97.2		0.36		638.3		14.23			8.97
30		X	5.94		282		89.3		0.39		485.2		14.45			9.13

Comments: Turbidity values greater than 10 NTU, We should definitely re-develop this well.

Analyses Samples Collected for: See COC

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of

SITE: GEN CHEM
DATE: 8/1/11
FIELD PERSONNEL: [illegible]
WEATHER:
MONITORING WELL #: MW-10
WELL DEPTH: 15.17 feet
SCREENED INTERVAL: 5-20
MONITORING WELL PERMIT #:
WELL DIAMETER: 2 inches
MONITORING WELL IS FLUSH TO GRADE

PID/FID READINGS (ppm_v): BACKGROUND:
HEADSPACE:
PUMP INTAKE DEPTH: 15' feet below top of casing
DEPTH TO WATER BEFORE PUMP INSTALLATION: 7.52 feet below top of casing

TIME	Purging	Sampling	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (°C)		PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
0			6.18	NA	177.3	NA	35.2	NA	1.32	NA	N/A	NA	16.6	NA	200	7.52
5			5.93		144.9		64.4		0.75		N/A		15.4		200	7.62
10			6.01		42.7		79.4		1.03		N/A		15.7		200	7.62
15			6.05		77.6		67.9		1.47		N/A		15.6		200	7.62
20			6.20		67.2		56.9		1.39		N/A		16.0		200	7.62
25			6.25		58.9		47.5		1.46		N/A		16.0		200	7.62
30			6.42		57.6		57.3		1.49		N/A		14.5		200	7.62
35			6.25		58.6		42.2		1.56		N/A		14.6		200	7.62
40			6.47		52.9		42.8		1.62		N/A		14.6		200	7.62
45			6.44		52.0		46.4		1.65		N/A		14.7		200	7.62

Comments:

Analyses Samples Collected for: VOC's 8260

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of

SITE: General Chem
DATE: 7/27/11
FIELD PERSONNEL: Nick Smith
WEATHER:
MONITORING WELL #: MW-11
WELL DEPTH: feet
SCREENED INTERVAL: 5-20
MONITORING WELL PERMIT #:
WELL DIAMETER: 2 inches
MONITORING WELL IS FLUSH TO GRADE

PID/FID READINGS (ppm$_v$): BACKGROUND: 20.5 ppm
HEADSPACE:
PUMP INTAKE DEPTH: 15' feet below top of casing
DEPTH TO WATER BEFORE PUMP INSTALLATION : 11.35 feet below top of casing

TIME	Purging	Sampling	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (°C)		PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
0			5.95	NA	2567	NA	157.6	NA	8.60	NA	466.2	NA	12.92	NA	200	11.35
5			5.60		2420		176.2		6.82		214.5		12.78		200	11.36
10			5.54		2111		1529		5.70		135.5		12.71		200	11.35
15			5.43		1625		196.7		6.10		94.5		12.72		200	11.35
20			5.37		1282		197.0		8.14		37.1		12.71		200	11.35
25			5.26		1135		208.4		9.42		26.2		12.75		200	11.35
30			5.21		1137		217.5		9.87		20.0		12.84		200	11.35
35			5.17		1122		228.0		10.60		15.2		12.91		200	11.35
40			5.14		1050		237.2		10.93		2.9		12.92		200	11.35
45			5.10		1030		245.4		11.10		0.0		12.95		200	11.35

Comments:

Analyses Samples Collected for:

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of 1

SITE: General Chemical
DATE: 8/25/11
FIELD PERSONNEL: Brian Cocciuch
WEATHER: Sunny 60's
MONITORING WELL #: MW-12 WELL DEPTH: 18.80 feet SCREENED INTERVAL: 5-20'
MONITORING WELL PERMIT #: _____ WELL DIAMETER: 2.11 inches MONITORING WELL IS FLUSH TO GRADE
PID/FID READINGS (ppm$_v$): BACKGROUND: _____ HEADSPACE: _____
PUMP INTAKE DEPTH: 13.00 feet below top of casing
DEPTH TO WATER BEFORE PUMP INSTALLATION: 4.90 feet below top of casing

TIME	Purging	Sampling	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/L) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (°C) READING	TEMPERATURE CHANGE*	PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
0	X		5.92	NA	3665	NA	105.2	NA	4.29	NA	26.0	NA	14.92	NA	230	4.95
5	X		5.77		3703		156.2		0.48		10.4		14.77			4.95
10	X		5.74		3780		169.3		0.56		9.0		15.21			4.95
15	X		5.73		3743		184.3		0.40		9.1		15.06			4.95
20	X		5.72		3701		186.0		0.35		8.2		15.08			4.95
25	X		5.70		3672		201.3		0.41		5.6		15.55			4.95
30	X		5.70		3608		199.5		0.36		5.1		15.50			4.95
35		X	5.69		3584		205.1		0.36		4.3		15.52			4.95

Comments:

Analyses Samples Collected for: SVOC

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of ____

SITE: GENERAC CHEMICAL — FIELD PERSONNEL: Nick Vengle

DATE: 7/25/11 — WEATHER: cloudy 70's

MONITORING WELL #: MW-13 — WELL DEPTH: 23.3 feet — SCREENED INTERVAL: ____

MONITORING WELL PERMIT #: ____ — WELL DIAMETER: 2 inches — MONITORING WELL IS FLUSH TO GRADE? ____

PID/FID READINGS (ppm): BACKGROUND: ____ — HEADSPACE: ____

PUMP INTAKE DEPTH: 15' feet below top of casing

DEPTH TO WATER BEFORE PUMP INSTALLATION: 7.98 feet below top of casing

TIME	Purging	Sampling	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/L) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (°C) READING	TEMPERATURE CHANGE*	PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
0			5.79	NA	618	NA	92.8	NA	8.69	NA	187	NA	16.45	NA	200	7.98
5			7.12		879		156.2		1.45		97.4		16.34			7.98
10			6.23		808		152.3		1.32		71.3		16.26			7.98
15			6.01		807		187.3		1.34		52.0		16.20			7.98
20			5.77		804		192.5		1.57		32.3		16.26			7.98
25			5.64		784		195.9		1.23		18.3		16.22			7.98
30			5.58		769		197.8		1.20		13.30		16.16			7.98
35			5.55		763		199.2		1.16		11.8		16.28			7.98
40			5.52		748		200.8		1.20		7.9		16.19			7.98
45			5.50		747		202.5		1.22		5.0		16.17			

Comments:

Analyses Samples Collected for: VOC's 8260

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of

SITE: GENERAL CHEMICAL
DATE: 7/26/11
FIELD PERSONNEL: Mach/Vitillo
WEATHER: Clouds/sun
MONITORING WELL #: MW-14
WELL DEPTH: 26.5 feet
SCREENED INTERVAL: 5-25
MONITORING WELL PERMIT #:
WELL DIAMETER: 2 inches
MONITORING WELL IS FLUSH TO GRADE

PID/FID READINGS (ppm_v): BACKGROUND:
HEADSPACE:
PUMP INTAKE DEPTH: 12' feet below top of casing
DEPTH TO WATER BEFORE PUMP INSTALLATION: 3.78 feet below top of casing

TIME	Purging	Sampling	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (°C)		PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
0			6.94	NA	734	NA	131.2	NA	3.21	NA	371.1	NA	16.46	NA	200	3.78
5			6.70		742		134.5		0.60		617.1		16.41		200	4.15
10			6.67		752		111.4		0.20		61.3		16.62		200	3.98
15			6.72		761		21.9		0.05		165.4		16.92		200	3.78
20			6.75		765		-9.5		0.12		194.5		17.22		200	3.78
25			6.77		774		-27.3		0.09		86.4		17.55		200	3.78
30			6.79		780		-40.0		0.04		69.2		17.91		200	3.78
35			6.80		760		-45.2		0.06		48.3		16.43		200	3.78
40			6.79		734		-46.4		0.05		32.4		15.50		200	3.78
45			6.76		725		-46.9		0.11		18.6		15.33		200	3.78

Comments:

Analyses Samples Collected for: COC

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of 1

SITE: General Chemical
DATE: 8/24/11
FIELD PERSONNEL: Brian Cassanty
WEATHER: Sunny 80's
MONITORING WELL #: MW-15
WELL DEPTH: 25.55 feet
SCREENED INTERVAL: 16-26'
MONITORING WELL PERMIT #: _____
WELL DIAMETER: 2" inches
MONITORING WELL IS FLUSH TO GRADE: Yes

PID/FID READINGS (ppm_v): BACKGROUND: _____
HEADSPACE: _____
PUMP INTAKE DEPTH: 20.00 feet below top of casing
DEPTH TO WATER BEFORE PUMP INSTALLATION: 6.82 feet below top of casing

TIME	Purging	Sampling	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/L) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (°C) READING	TEMPERATURE CHANGE*	PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
0	X		6.33	NA	516	NA	-20.8	NA	2.73	NA	90.3	NA	17.15	NA	~300	6.97
5	X		6.15		497		-27.3		0.89		138.3		16.38			6.87
10	X		6.13		493		-20.4		0.61		107.0		15.89			6.87
15	X		6.13		492		-20.7		0.43		119.6		15.81			6.87
20	X		6.10		487		-15.7		0.33		97.3		15.41			6.87
25	X		6.09		491		-14.6		0.31		70.4		15.68			6.87
30	X		6.06		489		-13.2		0.27		35.7		15.80			6.87
35	X		6.05		488		-10.8		0.26		28.5		15.33			6.87
40		X	6.05		487		-11.0		0.25		11.3		15.27		↓	6.87

Comments: Turbidity values above 10 NTU, but samples are pretty clear.

Analyses Samples Collected for: See COC

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of 1

SITE: General Chemical
DATE: 8/24/11
FIELD PERSONNEL: Brian Cacciuel
WEATHER: Sum 80's
MONITORING WELL #: MW-16 WELL DEPTH: 18.53 feet SCREENED INTERVAL: 4-19'
MONITORING WELL PERMIT #: _____ WELL DIAMETER: 2" inches MONITORING WELL IS FLUSH TO GRADE: yes

PID/FID READINGS (ppm_v): BACKGROUND: _____ HEADSPACE: _____
PUMP INTAKE DEPTH: 12.02 feet below top of casing
DEPTH TO WATER BEFORE PUMP INSTALLATION: 4.23 feet below top of casing

TIME	Purging	Sampling	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/L) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (°C) READING	TEMPERATURE CHANGE*	PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
0	X		6.15	NA	680	NA	-80.6	NA	2.92	NA	105.1	NA	17.15	NA	~300	4.32
5	X		6.18		640		-95.6		0.32		43.0		16.57			4.34
10	X		6.20		638		-97.3		0.28		48.8		16.69			4.34
15	X		6.23		640		-96.1		0.25		44.7		17.08			4.34
20	X		6.24		633		-95.9		0.26		38.7		17.49			4.34
25		X	6.25		636		-94.3		0.24		9.8		17.55			4.34

Comments: Turbidity values were generally above 10 NTU. Perhaps well should be re-developed

Analyses Samples Collected for: See COC

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of 1

SITE: General Chemical
DATE: 8/24/11
FIELD PERSONNEL: Brian Caccavale
WEATHER: Sunny 80's
MONITORING WELL #: MW-17
WELL DEPTH: 26.57 feet
SCREENED INTERVAL: 17-27'
MONITORING WELL PERMIT #: _____
WELL DIAMETER: 2" inches
MONITORING WELL IS FLUSH TO GRADE: yes

PID/FID READINGS (ppm_v): BACKGROUND: _____
HEADSPACE: _____
PUMP INTAKE DEPTH: 23.00 feet below top of casing
DEPTH TO WATER BEFORE PUMP INSTALLATION: 3.27 feet below top of casing

TIME	Purging	Sampling	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/L) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (°C) READING	TEMPERATURE CHANGE*	PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
0	X		6.44	NA	1128	NA	-16.3	NA	3.58	NA	13.3	NA	20.16	NA	~300	3.39
5	X		5.51		1,089		21.1		0.82		6.0		19.08		↓	3.39
10	X		5.49		1077		32.2		0.70		0.5		18.69			3.39
15	X		5.47		1064		37.0		0.50		3.2		18.35			3.39
20	X		5.49		1060		41.0		0.42		8.0		18.51			3 39
25	X		5.50		1052		43.4		0.36		11.3		18.09			3 39
30		X	5.52		1051		45.0		0.38		5.0		17.97		✓	3.39

Comments: See COC

Analyses Samples Collected for: _____

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

SITE: General Chemical — Sheet 1 of ____

DATE: 9/1/11 — FIELD PERSONNEL: Brian Carraval

WEATHER: Sunny 70's

MONITORING WELL #: MW-18S — WELL DEPTH: 13.10 feet — SCREENED INTERVAL: NA

MONITORING WELL PERMIT #: ____ — WELL DIAMETER: 2" inches — MONITORING WELL IS FLUSH TO GRADE: Yes

PID/FID READINGS (ppm$_v$): — BACKGROUND: ____ — HEADSPACE: ____

PUMP INTAKE DEPTH: 10.00 feet below top of casing

DEPTH TO WATER BEFORE PUMP INSTALLATION: 2.48 feet below top of casing

TIME	Purging	Sampling	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (°C)		PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
0	X		6.60	NA	444	NA	116.0	NA	4.65	NA	1,180.1	NA	14.74	NA	~300	2.48
5	X		5.79		440		176.3		2.33		54.5		14.75			2.48
10	X		5.57		436		187.0		2.17		41.6		14.53			2.48
15	X		5.54		437		191.2		2.23		33.4		14.51			2.48
20	X		5.51		437		197.3		2.14		12.7		14.55			2.48
25		X	5.49		436		192.8		2.11		19.9		14.64		↓	2.48

Comments:

Analyses Samples Collected for: Sel Cbl

*Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of less than 0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of ____

SITE: GENERAL CHEMICAL
DATE: 9/19/11
FIELD PERSONNEL: N. VERECIL
WEATHER: SUNNY

MONITORING WELL #: MW-18M WELL DEPTH: 44.85 feet SCREENED INTERVAL: 40-45
MONITORING WELL PERMIT #: _____ WELL DIAMETER: 2 inches MONITORING WELL IS FLUSH TO GRADE

PID/FID READINGS (ppm_v): BACKGROUND: _____ PUMP INTAKE DEPTH: 43' feet below top of casing
HEADSPACE: _____ DEPTH TO WATER BEFORE PUMP INSTALLATION : 7.6 feet below top of casing

TIME	Purging	Sampling	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (°C)		PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
0			8.28	NA	376	NA	100.1	NA	6.01	NA	105.8	NA	17.15	NA	~200	~2"
5			5.59		335		210.9		2.57		213.6		15.68			
10			5.53		337		227.6		3.01		235.1		16.24			
15			5.55		338		240.2		2.73		224.0		16.09			
20			5.54		338		246.0		2.07		229.4		15.87			
25			5.59		344		235.5		4.07		162.4		15.83			
30			5.52		340		251.5		1.63		173.6		15.55			
35			5.51		341		257.4		1.51		173.1		15.61			
40			5.61		342		261.6		1.42		157.6		15.88			
45			5.51		342		264.2		1.37		139.6		15.91			
50			5.52		343		265.6		1.33		146.6		16.02			
55			5.52		343		266.7		1.32		141.9		16.07			

Comments:

Analyses Samples Collected for: VOC's 8260 SAMPLE @ 55 MIN

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of

SITE: GENERAL CHEMICAL
DATE: 9/19/11
FIELD PERSONNEL: M. VERRELL
WEATHER:
MONITORING WELL #: MW-19 WELL DEPTH: 16.75 feet SCREENED INTERVAL:
MONITORING WELL PERMIT #: WELL DIAMETER: 2 inches MONITORING WELL IS FLUSH TO GRADE

PID/FID READINGS (ppm$_v$): BACKGROUND:
HEADSPACE:
PUMP INTAKE DEPTH: 13' feet below top of casing
DEPTH TO WATER BEFORE PUMP INSTALLATION : 4.50 feet below top of casing

TIME	Purging	Sampling	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (°C)		PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
0			8.01	NA	279	NA	99.2	NA	9.54	NA	37.9	NA	15.21	NA	200	4.50
5			6.78		267		136.2		9.18		31.5		14.58		200	4.63
10			6.02		265		165.3		8.75		16.8		14.56		200	4.63
15			5.91		264		171.4		8.66		15.4		14.51		200	4.63
20			5.84		262		177.4		8.64		16.8		14.49		200	4.63
25			5.81		262		178.7		8.56		13.5		14.50		200	4.63

Comments:

Analyses Samples Collected for: 8260 VOC's

*Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of

SITE: GENERAL CHEMICAL
DATE: 9/19/20
FIELD PERSONNEL: N. Vitali
WEATHER:
MONITORING WELL #: MW-20
WELL DEPTH: 5.66 feet
SCREENED INTERVAL: 3-15
MONITORING WELL PERMIT #:
WELL DIAMETER: 2 inches
MONITORING WELL IS FLUSH TO GRADE

PID/FID READINGS (ppm$_v$): BACKGROUND:
HEADSPACE:
PUMP INTAKE DEPTH: 14' feet below top of casing
DEPTH TO WATER BEFORE PUMP INSTALLATION : 5.66 feet below top of casing

TIME	Purging	Sampling	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (°C)		PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
0			5.90	NA	66	NA	203.3	NA	2.56	NA	2e.5	NA	2e 31	NA	200	5.66
5			5.37		57		229.9		0.64		6.1		20 14			5.75
10			5.55		56		226.2		0.52		3.1		2e 45			5.75
15			5.54		56		223.6		0.49		2.2		2e.36			5.75
20			5.52		56		223.7		0.49		2.0		2e.51			5.79

Comments:

Analyses Samples Collected for: 8260 VOC's

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of

SITE: General Chemical — FIELD PERSONNEL: N. Steele

DATE: 9/19/11 — WEATHER:

MONITORING WELL #: MW-21R — WELL DEPTH: 58.65 feet — SCREENED INTERVAL: 50-55?

MONITORING WELL PERMIT #: _____ — WELL DIAMETER: 2 inches — MONITORING WELL IS FLUSH TO GRADE

PID/FID READINGS (ppm$_v$): — BACKGROUND: _____ — HEADSPACE: _____

PUMP INTAKE DEPTH: 55 feet below top of casing

DEPTH TO WATER BEFORE PUMP INSTALLATION : 5.71 feet below top of casing

TIME	Purging	Sampling	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (°C)		PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
0			7.25	NA	262	NA	134.5	NA	4.49	NA	273	NA	14.76	NA	200	5.85
5			8.45		275		113.6		1.51		155.7		14.26		200	5.93
10			8.75		272		103.5		0.72		172.2		14.42		200	5.87
15			8.83		274		95.2		0.74		205.4		14.55		200	5.85
20			8.73		274		112.0		11.96		544.6		15.05		200	5.85
25			8.67		266		113.5		0.76		1600		14.23		200	5.85
30			8.50		253		118.6		0.45		1966		14.14		200	5.85
35			8.41		247		120.2		0.35		1798		14.10		200	5.85
40			8.39		244		120.6		0.33		2200		14.01		200	5.85

Comments:

Analyses Samples Collected for: VOC 8260

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of 1

SITE: General Chemical
DATE: 8/25/11
FIELD PERSONNEL: Brie Carranah
WEATHER: Cloudy 80's
MONITORING WELL #: MW-22 WELL DEPTH: 26.68 feet SCREENED INTERVAL: 17-27'
MONITORING WELL PERMIT #: _____ WELL DIAMETER: 2" inches MONITORING WELL IS FLUSH TO GRADE: yes

PID/FID READINGS (ppm$_v$): BACKGROUND: _____
HEADSPACE: _____
PUMP INTAKE DEPTH: 22.00 feet below top of casing
DEPTH TO WATER BEFORE PUMP INSTALLATION: 4.70 feet below top of casing

TIME	Purging	Sampling	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/L) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (°C) READING	TEMPERATURE CHANGE*	PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
0	X		6.43	NA	881	NA	2.7	NA	3.54	NA	33.0	NA	16.62	NA	~300	4.81
5	X		6.94		897		1.1		0.99		28.5		15.80			4.81
10	X		5.86		928		7.4		0.67		41.0		15.65			4.81
15	X		5.82		940		6.3		0.50		34.0		15.47			4.81
20	X		5.82		941		11.0		0.28		33.0		15.34			4.81
25	X		5.81		945		10.6		0.32		29.7		15.51			4.81
30		X	5.80		946		11.5		0.36		10.3		15.36			4.81

Comments: Turbidity values greater than 10 NTU. Perhaps we should re-develop this well.

Analyses Samples Collected for: See COC

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of

SITE: GE Plant
DATE: 8/22/14
FIELD PERSONNEL: V. Sawyer
WEATHER: Clear, 80's
MONITORING WELL #: MW-23 WELL DEPTH: 40 feet SCREENED INTERVAL:
MONITORING WELL PERMIT #: WELL DIAMETER: 2 inches IN MONITORING WELL IS FLUSH TO GRADE?
PID/FID READINGS (ppm): BACKGROUND: 0 HEADSPACE: 0
PUMP INTAKE DEPTH: 35' feet below top of casing
DEPTH TO WATER BEFORE PUMP INSTALLATION: 4.73 feet below top of casing

TIME	Purging	Sampling	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/L) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (°C) READING	TEMPERATURE CHANGE*	PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
1425			6.27	NA	740	NA	-240.1	NA	3.39	NA	173.5	NA	20.07	NA	200	4.81
1430			5.57		887		-241.3		1.82		141.3		18.89			
1435			5.43		919		-250.4		1.56		94.0		18.31			4.83
1440			5.32		935		-250.5		1.51		61.3		17.91			
1445			5.21		946		-251.3		1.49		62.2		17.48			4.83
1450			5.06		947		-249.4		1.51		46.3		17.37			
1455			4.96		950		-246.1		1.58		37.8		17.23			4.83
1500			4.75		952		-244.8		1.59		35.4		17.21			
1505			4.74		953		-244.6		1.60		38.3		17.19			4.84
1510		X	4.74		955		-243.7		1.60		39.1		17.16			4.84

Comments:

Analyses Samples Collected for: VOC's

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

SITE: GEN, Chem — Sheet 1 of ____

DATE: 8/24/17 — FIELD PERSONNEL: VI, Sanyu

WEATHER: P. Cloudy, 80's

MONITORING WELL #: DW-1 — WELL DEPTH: 33.25 feet — SCREENED INTERVAL: 5-40'

MONITORING WELL PERMIT #: ____ — WELL DIAMETER: 2" inches — MONITORING WELL IS FLUSH TO GRADE

PID/FID READINGS (ppm$_v$): — BACKGROUND: 0 — HEADSPACE: 0

PUMP INTAKE DEPTH: 20' feet below top of casing

DEPTH TO WATER BEFORE PUMP INSTALLATION: 3.80 feet below top of casing

TIME	Purging	Sampling	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/L) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (°C) READING	TEMPERATURE CHANGE*	PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
1410			5.78	NA	750	NA	125.6	NA	3.43	NA	99.6	NA	21.76	NA	200	
1415			5.54		716		196.7		2.22		38.3		18.42			3.88
1420			5.55		~~709~~		212.9		2.42		29.3		18.08			
1425			5.58		707		217.4		2.46		27.0		18.16			3.90
1430			5.60		703		218.2		2.46		25.8		18.05			
1435			5.63		703		213.3		2.48		17.0		18.32			3.90
1440			5.66		705		208.4		2.57		22.1		18.64			
1445			5.67		705		208.1		2.56		21.6		18.65			3.91
1450		X	5.67		703		204.9		2.57		20.5		18.93			

Comments:

Analyses Samples Collected for: VOC's

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

SITE: General Chemical — Sheet 1 of 1

DATE: 9/1/11 — FIELD PERSONNEL: Brian Caccavale

WEATHER: Cloudy 70's

ONITORING WELL #: RW-5S — WELL DEPTH: 27.55 feet — SCREENED INTERVAL: 10 - 30'

ONITORING WELL PERMIT #: _____ — WELL DIAMETER: 6" inches — MONITORING WELL IS FLUSH TO GRADE

D/FID READINGS (ppm$_v$): — BACKGROUND: _____ — PUMP INTAKE DEPTH: 15.00 feet below top of casing

HEADSPACE: _____ — DEPTH TO WATER BEFORE PUMP INSTALLATION: 0.70 feet below top of casing

TIME	Purging	Sampling	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/L) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (°C) READING	TEMPERATURE CHANGE*	PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
0	X		6.30	NA	1041	NA	29.9	NA	4.12	NA	550.3	NA	15.90	NA	~300	0.70
5	X		6.13		1053		-43.4		0.13		151.3		15.00			0.70
10	X		6.14		1047		-46.3		0.10		271.3		14.84			0.70
15	X		6.14		1046		-50.7		0.07		55.1		14.82			0.70
20	X		6.14		1045		-49.9		006		60.5		14.80			0.70
25	X		6.15		1043		-59.1		0.05		68.3		14.79			0.70
30		X	6.15		1042		-58.2		0.04		19.9		14.82		↓	0.70

mments:

nalyses Samples Collected for: See COC

rameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for lox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of .3 feet.

LOW FLOW SAMPLING DATA SHEET

Sheet 1 of

SITE: GEW Chem
DATE: 8/23/11
FIELD PERSONNEL: V. Sawyer
WEATHER: Clear, 80's
MONITORING WELL #: RW-5D
WELL DEPTH: 34.6 feet
SCREENED INTERVAL:
MONITORING WELL PERMIT #:
WELL DIAMETER: 6 inches
MONITORING WELL IS FLUSH/STICKUP

PID/FID READINGS (ppm): BACKGROUND: 0
HEADSPACE: 0
PUMP INTAKE DEPTH: 30 feet below top of casing
DEPTH TO WATER BEFORE PUMP INSTALLATION: 1.44 feet below top of casing

TIME	Purging	Sampling	pH (pH units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (°C)		PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
			READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*	READING	CHANGE*		
1020			6.35	NA	292	NA	166.2	NA	1.18	NA	2.3	NA	15.75	NA	200	1.62
1025			5.99		288		155.4		1.06		1.0		15.90			
1030			5.86		285		155.1		1.06		-0.7		16.01			1.73
1035			5.84		286		155.9		1.00		-0.1		15.92			
1040			5.80		287		155.8		0.95		-1.1		16.75			1.75
1045			5.80		287		155.9		0.94		-0.7		15.76			
1050		X	5.79		288		155.7		0.94		-0.8		15.79			1.76

Comments:

Analyses Samples Collected for: VOC's

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of <0.3 feet.

LOW FLOW SAMPLING DATA SHEET

SITE: General Chemical — Sheet 1 of 1

DATE: 9/1/11 — FIELD PERSONNEL: Brian Caccavo

WEATHER: Sony 70's

MONITORING WELL #: Pw-6 — WELL DEPTH: 33.37 feet — SCREENED INTERVAL: 10'-40'

MONITORING WELL PERMIT #: _____ — WELL DIAMETER: 6" inches — MONITORING WELL IS FLUSH TO GRADE: NO

PID/FID READINGS (ppm$_v$): BACKGROUND: _____ HEADSPACE: _____

PUMP INTAKE DEPTH: 20.00 feet below top of casing

DEPTH TO WATER BEFORE PUMP INSTALLATION: 2.32 feet below top of casing

TIME	Purging	Sampling	pH (pH units) READING	pH CHANGE*	SPECIFIC CONDUCTIVITY (mS/cm) READING	SPECIFIC CONDUCTIVITY CHANGE*	REDOX POTENTIAL (mV) READING	REDOX POTENTIAL CHANGE*	DISSOLVED OXYGEN (mg/L) READING	DISSOLVED OXYGEN CHANGE*	TURBIDITY (NTU) READING	TURBIDITY CHANGE*	TEMPERATURE (°C) READING	TEMPERATURE CHANGE*	PUMPING RATE (mL/min)	DEPTH TO WATER (feet below top of casing)
0	X		7.81	NA	284	NA	-34.7	NA	15.20	NA	7.5	NA	15.08	NA	~300	2.52
5	X		6.72		303		-75.5		0.86		-3.4		17.67			2.52
10	X		6.70		282		-71.1		0.26		-3.7		15.48			2.52
15	X		6.68		281		-69.3		0.20		-3.2		15.34			2.52
20	X		6.68		280		-69.7		0.18		-2.8		15.30			2.52
25		X	6.68		280		-70.2		0.17		-2.5		15.20			2.52

Comments:

Analyses Samples Collected for: Sr, Cl, DOC

Parameters have stabilized when three consecutive readings are within ± 0.1 for pH; ± 3% for specific conductivity and temperature; ± 10 mV for redox potential; and ± 10% for dissolved oxygen and turbidity. Pumping rate to be maintained at rate less than 300 ml/min that allows drawdown of less than 0.3 feet.