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DETECTION MONITORING PROGRAM & SYSTEM PERFORMANCE STATUS REPORT MAP #2

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MADEP RTN 3 – 19174
EPA ID No. MAD019371079

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1. INTRODUCTION

This second combined monitoring and system performance (MAP) report has been prepared to present relevant information with respect to the groundwater monitoring and remediation at and adjacent to the General Chemical Corporation (GCC) facility located at 133-135 Leland Street, Framingham, Massachusetts ("the Site"). This report summarizes the operation, maintenance and monitoring (OMM) of the groundwater recovery systems that are in operation to address Volatile Organic Compound (VOC) impacted groundwater (e.g., System Performance Status, SRS), as well as a description of the groundwater and surface water detection monitoring program (DMP) including the gauging, sampling and analytical testing of groundwater and surface water samples at the Site.

This report is intended to comply with the Corrective Action Section (Section I.B[8]) of the GCC Operating License (27B/2006) and the Massachusetts Contingency Plan (MCP) 310 CMR 40.0000. The information presented herein has been updated to include all pertinent data collected through April 2008. A previous comprehensive report (MAP #1), dated February 28, 2008 provided similar dated information through December 2007.

Previous consultants implemented a groundwater remediation program using bioremediation to reduce VOC concentrations in the groundwater and surface water at the Site. The remediation program was applied in pursuit of achieving a Permanent Solution and thereby a level of No Significant Risk to health, safety, public welfare and the environment. The program uses two areas with downgradient groundwater depression/recovery wells, treatment of processed groundwater through a series of aerobic biological treatment tanks using carbon filtration as a secondary bioreactor, and subsequent upgradient reinjection of biotreated groundwater through injection/infiltration galleys (or trenches) and wells. The system was originally designed to support a closed loop system, and achieve the following:

a. accelerate the reduction of VOCs in the shallow and deeper overburden groundwater zones by the creation of a treatment system that reduces the VOCs within the exsitu treatment tanks but also reduces the VOCs by insitu inoculation of the saturated zone with VOC-degrading microbes;

b. mitigate significant migration of VOCs to offsite properties including the drainage ditch, Course Brook and associated wetlands;

c. enhance the reduction of VOCs in the offsite areas including the drainage ditch and Course Brook.

The above is achieved with two separate groundwater recovery and treatment systems, as described in the March 2004 Modified Stabilization Plan, one of which is located within and immediately adjacent to the GCC facility boundaries north of the MWRA Aqueduct and Right-of-Way (Onsite Warehouse and Yard Area), and the second of which is located south of the MWRA Aqueduct and Right-of-Way and within the headwaters of the drainage ditch (Offsite Garage and Abandoned Field Road Area). Each system relies on the use of two to four groundwater recovery wells, a 4-stage bioreactor treatment system, and treated groundwater reinjection wells/trenches/galleys.

2. SITE DESCRIPTION

The Site consists of approximately 12 acres in a mixed residential and industrial area at approximately 42°16'14.79" N latitude and 71° 23'59.96" W longitude. The site includes the GCC property, Woodrow Wilson School, MWRA Aqueduct (Sudbury Aqueduct) to the east, CSX Transportation rail line to the south, a drainage ditch and associated wetlands further to the south, residential properties to the southwest and along Leland Street, Exelon to the southeast.

The site is located in a topographic region characterized by rolling hills and stream cut valleys with a regional slope to the east-northeast, but locally to the south-southeast and into Course Brook. The Site is underlain by 3' to 10' of unconsolidated sand, silt and gravel overlying 20' to 50' feet of interbedded sand and silt, more than 40' of clayey silt and up to 50' of dense glacial till (clay with gravel), all of which set on granodiorite bedrock beginning at depths of 40' to 85' below grade.

Across the site, the depth to groundwater has averaged approximately 5' below grade, but ranges from approximately 1' to 9' below grade. Groundwater flow across the GCC site is to the south, and turns to the southeast as it reaches the wetland area and drainage ditch, which flows toward Course Brook.

VOCs 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 regulatory requirements were more lenient. Environmental assessment activities were initiated in 1992 and included several larger investigations during the latter half of the decade and into the early 2000s. Active remediation efforts were implemented in October 2005. Attachment 1 provides an aerial photographic map depicting the well and surface water sampling locations. As reported in the February 2008 status report, the following conditions were noted by the end of 2007:

a. WMW8D continues to contain dense non-aqueous phase liquid (DNAPL);

b. WMW6 which had previously contained light non-aqueous phase liquid (LNAPL) during mid-2007, no longer contained LNAPL;

c. VOC concentration reductions were observed in fifteen wells;

d. VOC concentration increases were observed in eleven wells;

e. groundwater injection via Infiltration Galley 2 (IFG2) may have influenced groundwater flow and VOC distribution in the vicinity of GZ6 located adjacent to the southwest corner of the Woodrow Wilson School, east of the GCC property; use of IFG2 ceased during the early part of the fourth quarter 2007;

f. groundwater mounding, similar to that which may have affected the area of IFG2, may be present at Infiltration Galley 1 (IFG1);

g. VOC concentration reductions to below MCP GW2 Risk Standards in upgradient and downgradient wells located on adjacent properties along Leland Street;

h. VOC concentration reductions in samples drawn by Course Brook;

i. operation of the pumping and bioremediation system has resulted in VOC plume shrinkage, and a large portion of the VOC mass has moved toward the recovery wells; and,

j. the following specific conditions had occurred:

- GZ1 is a deep well located near the center of the shallower, onsite VOC plume. VOC concentrations have been reduced from 930 ppb to 320 ppb;
- GZ2 is a deep well located near the southwest corner of the school playing field. VOC concentrations have shown more than an order of magnitude increase in the transformation of PCE+TCE to cis-DCE, an indicator of successful bioremediation of PCE+TCE;
- GZ5S is a shallow well located near 119 Leland Street. VOCs have decreased by an order of magnitude to non-detectable concentrations;
- GZ6 is the shallow well located adjacent to the school. VOCs had increased from 112 ppb to 636 ppb between March and November 2007, but were found to have decreased to 220 ppb by late-November. PCE+TCE to cis-DCE transformation has increased by a factor of 2.3;
- GZ7 is an intermediate depth well near the northwest corner of GCC. The PCE+TCE to cis-DCE has increased by a factor of 7;
- GZ14M is a deep well along the power company road. VOCs were reduced by 50% between March and November 2007;
- GZ15S, 15D and 15R are also downgradient wells that continue to have VOC concentrations below GW2 Risk Standards, and approaching GW1 (drinking water) Risk Standards;

- GZ19DD is an intermediate depth well located near the offsite pumping system. VOCs have been reduced by more than 50%;
- VOC reductions were observed in WMW1S, WMW2S, WMW2D, WMW3 and WMW7, all shallow wells located near Leland Street on GCC properties. These reductions appear to indicate plume shrinkage.

3. EXPANSION OF THE MONITORING WELL NETWORK & INCREASED WELL MONITORING

Because of the concerns that operation of the groundwater extraction and reinjection system may have influenced local groundwater flow and potential VOC plume dispersion, a scope of work (SOW) was prepared by GCC in January 2008, and later approved by the MassDEP. The SOW calls for increased controls and monitoring of wells and system operations to empirically define subsurface conditions. The SOW will allow for more expedient response to subsurface changes, if deemed necessary.

Three groundwater monitoring wells were constructed in April 2008 on the GCC and the Woodrow Wilson School properties. The wells were designed to investigate for the potential of groundwater fluctuations and VOC movement, if any. One of the wells (MW9) was constructed along GCC's property line immediately east of IFG2; a second well (MW10) was constructed near the playground at the school in the northwest corner of the playing field; and, the third well (MW11) was constructed in the northwest corner of the school's overflow/auxiliary parking lot, directly north of IFG2.

Further, after critical review of current site conditions and knowledge of groundwater flow conditions, indoor air sampling at 119 Leland Street was determined to be not warranted as part of the SOW. A monitoring well located 50' southwest of the residence at 119 Leland Street has shown that VOCs were not present in the area of the well. Historical data for the same well showed that PCE was below MassDEP's GW2 Risk Standard (considered protective of human health for occupants of structures above shallow groundwater), and all other VOC concentrations were below MassDEP's most stringent GW1 Risk Standard (imposed for use of groundwater as a drinking water source). Residential indoor air sampling can often reveal the presence of VOCs that directly originate from normal residential living. Paints, cigarette smoke, floor adhesives/glue, washing room detergents and bleaches, silicone sealants and dry cleaned clothing and garments contain and emit VOCs in residential surroundings, often at concentrations above State and EPA recommended exposure limits. Nonetheless, in order to assess for the potential of VOC impact to 119 Leland Street, an additional well (MW12) was constructed approximately 25' upgradient (north) of the residence (in compliance with the MassDEP GW2 Risk Standard).

Copies of the well construction and geologic logs are presented in Attachment 2.

Effective April 2008, approximately fifteen, strategically-located wells/sampling locations are to be gauged monthly to assess groundwater configuration with and without the use and operation of IFG2. The gauging data is used to construct groundwater potentiometric surface (water table) elevation maps. The wells include ERM11, WMW5, GZ6, GZ7, RW1, IW3, GZA13, CDW7, WMW1S, GZ5S, IFG2, MW9, MW10, MW11 and MW12.

After securing and evaluating baseline data, and only after MassDEP approval is granted, IFG2 will be reactivated to receive a 1-2 gallon per minute (gpm) flowrate from the onsite groundwater recovery and treatment System. Immediate and short-term affects will be monitored several times per month by gauging nearby wells. Thereafter, monthly gauging, data review and map preparations will continue to assess changes in groundwater configuration(s) that may result from IFG2 operations. If the groundwater configurations(s) indicate that additional flow may be acceptable (i.e., not causing groundwater to flow toward the school), the reinjection rate into IFG2 will be increased in 1 gpm intervals, followed by a subsequent monthly gauging event and data review period. If groundwater configuration(s) show the potential for VOC plume movement toward the school property, then a lower or no flow into IFG2 will be implemented. The data from the increased gauging and sampling of wells will also allow empirical data to be used to assess for the potential for impact to 119 Leland Street. If the groundwater in the vicinity of the residence exceeds GW2 standards, the potential for indoor air exposure will be evaluated.

In April 2008, as part of the MassDEP-approved SOW, all available monitoring wells were gauged during a comprehensive gauging event. The data was used to formulate groundwater elevation maps as presented herein. Please note that the comprehensive gauging event was conducted concurrent with the

regularly scheduled biannual groundwater and surface water sampling event, and also included the sampling of the bedrock water supply well owned and used by the nearby, upgradient carwash property.

In addition to the regularly scheduled biannual groundwater sampling events, increased monitoring of the VOC concentrations in selected wells will now be implemented with quarterly sampling events. Approximately thirty wells are sampled on a biannual schedule; and, approximately fifteen wells will be sampled on a quarterly scheduled. The quarterly VOC sampling data is/will be used to assess for short-term changes in groundwater quality and VOC plume dispersion toward the Woodrow Wilson School property and other potential sensitive receptors.

The above monthly well gauging and quarterly well sampling frequencies will be maintained for at least six months, and reported on a quarterly schedule.

4. COMPREHENSIVE WELL GAUGING

In April 2008, a comprehensive well gauging event was performed that included the measuring of the depth to groundwater in 73 wells and four surface water sampling locations. Depths to groundwater measurements were made using an audible electronic interface probe to the nearest 0.01'-increment. Respective groundwater elevations were then calculated by subtracting the measured depth to groundwater in the well/sampling location from the specific well's surface grade elevation. This data is documented in the groundwater gauging and sampling database presented in Attachment 3.

The gauging and sampling database is color-coded to describe each well/sampling location screened interval (e.g., the depth at which the well is screened or exposed to native soil to receive native groundwater). Screened intervals are categorized as follows. Attachment 3 is sorted by the well screen/depth color coding system.

Well Screen/ Depths Color Coding	
Feet Below Grade	Gauging & Sampling Database Color Code
<15'	Light Grey
10'-20'	
20'-30'	
30'-40'	Light Green
40'-50'	Light Yellow
50'-60'	Tan
>60'	
Surface Water	

Attachment 4 provides hydrographs (groundwater elevations vs. time graphs) for selected wells. Review of the hydrographs shows that throughout the history of the project, groundwater elevations in non-pumping wells have fluctuated between 2' and 6', with an average fluctuation of approximately 3' to 4'. Consequently, a 3' to 4' smear zone (difference between lowest and highest recorded water elevations in a well) prevails. Further, current groundwater elevations in most monitoring wells are at or near to the highest level recorded throughout the history of the project, and are 1' to 3' higher than the elevations recorded during the fourth quarter 2007. The last peak in high groundwater elevations was in June 2003.

Using the gauging data collected in April 2008 and a scaled aerial photographic map depicting well locations, a contoured water table elevations map was developed and is presented in Attachment 5. The map shown in Attachment 5 is biased to groundwater elevations recorded in shallower wells, as deeper wells have shown slightly higher groundwater elevations than nearby/adjacent shallow wells. Review of the map shows that groundwater flow is consistent with historical representations. A natural groundwater depression appears to have developed in the area of PZ1S, PZ1D, PZ2S, PZ2D, GZ4, GZ4R and CDW14 southwest of the wetland area. Further, although RW3, RW5D and RW7 were actively pumping at the time of gauging data collection in April 2008, the groundwater elevations in nearby wells do not show significant (e.g., capable of being mapped) areal drawdown, other than RW3. The groundwater elevations near RW5D appear to show a slight cone of depression, but less than the 1'-contour interval can adequately display at the map scale presented.

5. GROUNDWATER & SURFACE WATER SAMPLING & ANALYTICAL TESTING

In conjunction with the April 2008 groundwater gauging event, under the SOW, a comprehensive groundwater and surface water sampling event was also completed. Groundwater sampling consisted of measuring the depth to groundwater, depth to well bottom and determine the volumetric height of the water column in a well. A low flow pump was used to pump groundwater from the well and through a groundwater chemistry measurement cell that allowed the instantaneous measurement of pH, turbidity, ORP, temperature, conductivity and dissolved oxygen. Groundwater pumping from the well (or purging) continued until the groundwater chemistry parameters stabilized within established EPA Guidelines for each parameter, at which time native groundwater was assumed to have been achieved (rather than the "stagnant" water that was originally in the well) and was finally collected with low flow (e.g., minimal agitation/aeration) sampling methods. This allowed for a representative groundwater sample to be collected from the saturated screened interval of a well. Purge water was treated through the groundwater recovery and treatment systems. The samples were transferred into laboratory glassware, set on ice and delivered to an independent laboratory under chain of custody for testing of VOCs using EPA Method 8260. Analytical testing was conducted within EPA recommended holding time. A copy of the laboratory report of analysis is presented in Attachment 6, and the data is summarized in the groundwater gauging and sampling database tables presented in Attachment 3. Attachment 4, previously described as presenting hydrographs, also includes concentration vs. time graphs for selected wells. The distribution of total VOC concentrations is mapped in Attachment 5, along with geologic cross-sections that provide a vertical depiction of the VOC concentration distribution.

Review of the data and graphs in Attachments 3 through 5 shows:

a. Shallow Wells (well depths/screens up to 20' below grade):

- current trend of decreasing VOCs: GZ5S (currently 0 mg/l VOC), GZ6 (0.085 mg/l VOC), GZ15S (0 mg/l VOC in Nov-07), WMW2S (0.025 mg/l in Mar-07), WMW3 (0.005 mg/l VOC), WMW7 (0.005 mg/l VOC), CDW18D (2.961 mg/l VOC)
- current trend of increasing VOCs: GZ13 (40 mg/l VOC), WMW4 (30.5 mg/l VOC), WMW5 (8.5 mg/l VOC), WMW8S (32 mg/l VOC), CDW19S (16 mg/l VOC), ERM11 (4.4 mg/l VOC)
- no current trend in VOC concentrations (stable concentrations): CDW7 (slight decrease vs. historical, 0.124 mg/l VOC), CDW18S (slight decrease vs. historical, 0.8 mg/l VOC), CDW19D (2.9 mg/l VOC)

b. Medium Depth Wells (well depths/screens ranging from 20' to 40' below grade):

- current trend of decreasing VOCs: WMW1S (0 mg/l VOC), WMW2D (0.001 mg/l VOC), WMW6 (48 mg/l VOC), RW3 (>100 mg/l VOC), RW5D 57 mg/l VOC)
- current trend of increasing VOCs: GZ14S (0.173 mg/l VOC in Nov-07), GZ7 (3.6 mg/l VOC), ERM12D (3.83 mg/l VOC), RW1 (17 mg/l VOC), RW7 (28 mg/l VOC)
- no current trend in VOC concentrations (stable concentrations): GZ15D (0 mg/l VOC), RW2 & RW4 (all very slightly decreasing, currently 30-35 mg/l VOC)

c. Deep Wells (well depths/screens ranging from 40' to >60' below grade):

- current trend of decreasing VOCs: GZ15R (0 mg/l VOC), GZ16M (0 mg/l VOC)
- current trend of increasing VOCs:GZ2 (fluctuating 0 to 0.16 mg/l VOC), GZ7R (abandoned Mar-08, was 0.83 mg/l in Nov-07), GZ14M (10.27 mg/l in Nov-07)
- no current trend in VOC concentrations (stable concentrations): GZ19DD (VOCs >100 mg/l)

d. Surface Water Sample Locations:

- current trend of decreasing VOCs: SW3 (0.2 mg/l VOC), SW10 (1.65 mg/l VOC), SWUSA1 (0.004 mg/l VOC), SWDSC1 (0.014 mg/l VOC)
- current trend of increasing VOCs: none
- no current trend in VOC concentrations (stable concentrations): none

6. GROUNDWATER RECOVERY & TREATMENT SYSTEM

The Onsite groundwater recovery and treatment system design consists of controlled and metered pumping of recovery well 1 (RW1), RW2, RW3 and RW4 via electric groundwater submersible pumps to Bioreactor 1, a 1000-gallon HDPE tank. An auxiliary biocatalyst system (or cogenerator) consisting of a 55-gallon drum receiving daily doses of biostimulant and tap water gravity drains a second 55-gallon drum equipped with an automated transfer pump that pumps the liquid biostimulant to Bioreactor 1. Bioreactor 1 is also equipped with an aeration bubbler system to increase the dissolved oxygen content of the process water. The aeration system has been shutdown in all three bioreactors because of the naturally elevated iron and manganese concentrations. The water from Bioreactor 1 gravity drains to a second 1000-gallon HDPE tank (Bioreactor 2) similarly equipped with a dissolved oxygen aeration system, and an automated transfer pump that pumps process water through four iron removal filters and to a third 800-gallon steel tank (Bioreactor 3) also equipped with an aeration system. Bioreactor 3 is also equipped with an automated transfer pump that pumps process water through two 500-pound capacity carbon filters plumbed in series and serve as final, high surface area bioreactors. The process water is then pumped under pressure from Bioreactor 3's transfer pump through controlled and metered lines to infiltration galley 1 (IFG1), IFG2, injection well 1 (IW1), IW2, IW3 and IW4. Onsite system operations began in October 2005.

The Offsite groundwater recovery and treatment system design is identical to the above except groundwater recovery is intended from RW5S, RW5D, RW6 and RW7. Also, rather than Bioreactor 3 being an 800-gallon steel tank, it is constructed as a 1000-gallon HDPE tank. Finally, the system discharges to an infiltration trench (IT) and IW5. Offsite system operations began in October 2006.

The infiltration galleys (IFG1 and IFG2) are constructed from approximately 4'-cube precast concrete leaching pits. IFG1 is constructed in a horseshoe shape (opening to the southwest) in between the onsite garage and warehouse, and consists of twelve below grade leaching pits. IFG2 is constructed in an east-west single line between the onsite drum storage area and eastern property line of GCC, and consists of ten below grade leaching pits. The offsite injection trench is constructed as a 5'-deep, northwest-southeast, extended trench with a bottom 4"-diameter drainpipe and backfilled to grade with ¾" washed stone. The depths and screened intervals for the injection wells are presented in the attached groundwater gauging and sampling database(s).

RW2 was not operated from March through mid-April 2008 and RW4 was not operated since March 2008, both as a result of a lack of recharge capacity of IFG1 and the injection wells. Further, IW4 has not been operated to date, and IFG2 was deactivated as a discharge option during the fourth quarter 2007 in response to GZ6 (adjacent to Woodrow Wilson School) yielding elevated VOC concentrations. Consequently, the onsite system operations currently consist of pumping RW1 and RW3 with reinjection to IFG1, IW1, IW2 and IW3. The offsite system operations have historically consisted of pumping RW5D and RW7 with reinjection to IT and IW5. RW7 was off during the first half of first quarter 2008. RW5S and RW6 have not been used historically because of well damage caused by high sediment load filling in the wells.

Attachment 8 provides operations and maintenance (O&M) databases and graphs for the Onsite system, Offsite system, and combined production. Review of the data in Attachment 8 shows:

Since January 2008, the time-weighted pumping flowrates are as follows. These numbers are lower than actual because of iron-fouling of the flow/totalizing meter units. Estimated actual flowrates are also presented with the flowmeter-derived values.

RW1	1.03 gallons per minute (gpm)
RW2	0.60 gpm (estimated 2.3 gpm)
RW3	0.75 gpm (estimated 2.5 gpm)
RW4	0.39 gpm (ceased operations effective March 2008)
Onsite average pumping flowrate	2.77 gpm (estimated 4.8 gpm)
RW5D	0.86 gpm (estimated 1.0 gpm)
RW7	0.66 gpm (estimated 1.6 gpm)
Offsite average pumping flowrate	1.52 gpm (estimated 2.6 gpm)
Total site average pumping flowrate	4.3 gpm (estimated 7.4 gpm)

Since January 2008, the time-weighted average flowrates through the systems' discharge locations have been as follows. These numbers are lower than actual because of iron-fouling of the flow/totalizing meter units.

IFG1	0.64 gpm (42% of total flowrate)	
IW1	0.20 gpm (13% of total flowrate)	
IW2	0.33 gpm (21% of total flowrate)	
IW3	0.37 gpm (24% of total flowrate)	
Onsite average discharge flowrate		1.54 gpm (estimated 4.8 gpm)
IT	1.11 gpm (58% of total flowrate)	
IW5	0.82 gpm (42% of total flowrate)	
Offsite average discharge flowrate		1.93 gpm (estimated 2.6 gpm)
Total site average discharge flowrate		3.5 gpm (estimated 7.4 gpm)

The discrepancies in total flowrates are believed to be a result of flowmeter clogging(s) and repairs, and thereby having an incomplete record of the actual volumes discharged (and/or pumped). However, the total site production rate since January 2008 is estimated to have averaged approximately 4-5 gpm (and possibly as much as 7 gpm), with the Onsite system accounting for 64% of the production, and the Offsite system accounting for the remaining 36% of the total groundwater recovery.

In addition to maintaining the pumping and discharge systems, an additional part of the O&M is the dosing of bioremediation products. Microsorb® Biocatalyst is processed from naturally occurring organic materials. It is oxygen enriched water with enzymes, which is mixed with microbes to biodegrade hydrocarbon and chlorinated solvent contamination in oxygen deficient conditions (i.e., subsurface soil and groundwater). Microbial activity is frequently limited by insufficient oxygen due to low rates of oxygen and carbon dioxide diffusion in subsurface soils. Microsorb® Biocatalyst helps reduce this limiting factor. The greater the mass of oxygen available, the more rapid the clean-up. Microsorb® DC (dechlorinator) is a consortium of over 2½ trillion hydrocarbon digesting microbes per ounce contained in a bentonite clay carrier. Microsorb® DC contains microbes specifically designed to breakdown chlorinated hydrocarbons. Water and oxygen must be present to allow the microbes to break down the chlorinated hydrocarbons to water, carbon dioxide, and free chlorine. Microsorb® DC, because of its high microbe content, and when used with Microsorb® Biocatalyst, has the ability to biodegrade VOCs in oxygen limited environments (e.g., below grade and in groundwater). As such, it augments natural biodegradation and significantly assists existing microbes in breaking down the contaminants. Microsorb® Nutrients are a custom blend of water soluble, inorganic nutrients and trace elements formulated to dissolve in water and to be immediately available for use by microbes.

Onsite System

Approximately 2 ounces of Microsorb® Biocatalyst is added daily via the cogenerator system. Approximately 1250-gallons additional are added directly to IFG1 and IFG2 quarterly.

Approximately 20 pounds of Microsorb® DC is added per quarter (via the bioreactors), and an additional 5 to 6 pounds is directly added to IFG1 and IFG2 on a monthly schedule.

Approximately 20 pounds of Microsorb® SC (a concentrated product similar to Microsorb® DC) was added to the system and injection locations in late-December 2005 and early-January 2006, and has not been reapplied since that time.

Finally, Microsorb® Nutrients are applied at a rate of approximately 0.2 pound per month to each bioreactor, and 10 pounds is added to both IFG1 and IFG2.

Offsite System

Approximately 2 ounces of Microsorb® Biocatalyst is added daily via the cogenerator system.

Approximately 6 pounds of Microsorb® DC is added per quarter (via the bioreactors). There is no direct dosing via the injection locations.

Finally, Microsorb® Nutrients are applied at a rate of approximately 0.2 pound per month to each bioreactor.

As new consultants on this project, we are evaluating alternatives to Microsorb® products. Currently, we are investigating the use of products distributed by BioRemUSA, Inc. (Cleveland, OH), Catalina Biosolutions (Tuscan, AZ), Micro-Bac International, Inc. (Round Rock, TX), EOS Remediation, Inc. (Raleigh, NC) and Adventus Group, Inc. (Simsbury, CT). Appropriate bench-scale testing will be performed to determine the effectiveness of alternative products. No change will be implemented without MassDEP's approval.

7. SUMMARY & OBSERVATIONS

- With IFG2 not operating since the fourth quarter 2007, the VOC concentrations in GZ6 decreased from 0.636 mg/l to 0.085 mg/l between November 2007 and April 2008. MW10 (W10 on the map), located between GCC and GZ6, appears to be in an ideal location to assess VOC migration toward GZ6. GCC will continue critical scrutiny of the groundwater elevations and VOC concentrations in this area.
- The VOC concentrations in MW11, located upgradient from GCC on the Woodrow Wilson School overflow parking lot, along with the VOC concentrations in ERM11, WMW3, WMW4 and GZ7 in the northwest corner of the GCC property, indicate that VOCs extend offsite to the north. However, interpretation of the distribution of VOC concentrations in this area indicates that the offsite residential units are not likely to have VOC concentrations above GW2 Risk Standards below the building foundations.
- MW12 is located approximately 25' north of the residential unit at 119 Leland Street, and was found to contain 0.237 mg/l VOCs, composed of 0.01 mg/l PCE (below GW2 Risk Standard of 0.05 mg/l), 0.065 mg/l TCE (above GW2 Risk Standard of 0.03 mg/l), and 0.121 mg/l cis-12DCE (above GW2 Risk Standard of 0.1 mg/l), and some lesser concentrations of other VOCs that are all below GW1 Risk Standards. Hydraulically downgradient of the residential unit are GZ5S and GZ5D (G5S and G5D on the maps), which did not contain any detectable VOC concentrations. Interpretation of the distribution of VOC concentrations in this area indicates that VOCs may have been hydraulically induced toward the residence via the operation of IFG1. Additional assessment of 119 Leland Street has been performed and showed a lack of site-derived VOCs in air and water samples collected from within the residence. The results will be included in the December 2008 report.
- The upgradient car wash bedrock water supply well was tested and found to contain 0.002 mg/l Chloroform, a frequent laboratory-derived compound. No other VOCs were detected above the respective method detection limits.
- Although VOC concentrations show increasing trends in some wells, the partitioning of the compounds composing the total VOC concentrations (and/or in comparison to the sum of the PCE+TCE concentrations) in many of these same wells shows a transformation of PCE and TCE to cis-12DCE and lesser chemical breakdown compounds. This transformation indicates that PCE and TCE are being removed. Attachment 7 provides a database and graphs depicting this trend. Review of the data in Attachment 7 shows that GZ7R (abandoned in March 2008 per MassDEP approval), GZ13, GZ14S and GZ14M have not yielded increasing cis-DCE proportions. Consequently, the increase in VOCs in these wells, combined with a lack of favorable cis-DCE transformation would indicate that induced bioaugmentation may not have affected the areas of these wells. Further review of GZ13 data shows that cis-DCE concentration proportions are currently higher than historical data. Because GZ13 is in close proximity to IFG1 and thereby bioaugmentation injections, we are currently not concerned with the apparent lack of bioaugmentation in GZ13, but the changes in groundwater quality in GZ13 will be critically assessed. GZ14S has historically contained an average of less than 0.08 mg/l VOC (typically slightly higher than the GW2 Risk Standards), and the cis-DCE concentrations in the well have historically been reported to be below elevated detection limits. Because the VOC concentrations in GZ14S are appreciably low, we are currently not concerned with the apparent lack of bioaugmentation in GZ14S. GZ14M similarly has had a history of cis-DCE concentrations being below elevated detection limits. Additional scrutiny of GZ14M remediation is proposed.
- Well GZ1 is a deep well located near the center of the shallower, onsite VOC plume. VOC concentrations have been reduced from 930 ppb to 320 ppb.

- Well GZ2 is a deep well located near the southwest corner of the school playing field. VOC concentrations have shown more than an order of magnitude increase in the transformation of PCE+TCE to cis-DCE, an indicator of successful bioremediation of PCE+TCE. VOCs reduced from 0.157 mg/l in November 2007 to 0.001 mg/l in April 2008.
- GZ5S is a shallow well located near 119 Leland Street. VOCs have decreased by an order of magnitude to non-detectable concentrations.
- GZ6 is the shallow well located adjacent to the school. VOCs had increased from 112 ppb to 636 ppb between March and November 2007, but were found to have decreased to 220 ppb by late-November, and further decreased to 0.085 mg/l by April 2008. PCE+TCE to cis-DCE transformation has increased by a factor of 2.3.
- GZ7 is an intermediate depth well near the northwest corner of GCC. The PCE+TCE to cis-DCE has increased by a factor of 7.
- GZ14M is a deep well along the power company road. VOCs decreased by 50% between March and November 2007.
- GZ15S, 15D and 15R are downgradient wells that have VOC concentrations below GW2 Risk Standards, and approaching GW1 (drinking water) Risk Standards.
- GZ19DD is an intermediate depth well located near the offsite pumping system. VOCs have been reduced by more than 50%.
- VOC reductions were observed in WMW1S, WMW2S, WMW2D, WMW3 and WMW7, all shallow wells located near Leland Street on GCC properties. These reductions appear to indicate plume shrinkage.
- The bioaugmentation and groundwater recovery system is operating per design. However, increased rates of VOC removal are desired, and therefore GCC is actively evaluating ways to enhance the program's effectiveness including evaluations of alternative bioremediation products, enhancing the aerobic environment at depth, increasing discharge/reinjection capacity and enhancing well yields.

8. PROPOSED WORK FOR NEXT REPORTING PERIOD

A meeting of the Town of Framingham Task Force Subcommittee on the General Chemical Corporation Groundwater Project was conducted May 5, 2008. Per discussions at the meeting, and the previously discussed MassDEP-approved SOW, the following activities will be conducted within the next reporting period.

- A scheduled monthly groundwater gauging event will be conducted in May, June and July 2008 of at least 17 wells/sampling locations: IFG2, ERM11, ERM12D, WMW5, WMW6, WMW8D, WMW1S, GZ5S, GZ6, GZ7, GZ13, RW1, IW3, CDW7, MW9, MW10, MW11 and MW12. The May gauging data will be evaluated and mapped to assess the option of reimplementing discharge operations at IFG2, and subsequent gauging events will be similarly used to assess desired groundwater flow conditions.
- Weekly groundwater gauging events will be conducted effective immediately and coincide with the current weekly O&M site visits. Weekly gauging events will be conducted on at least 8 wells/sampling locations: IFG1, IFG2, GZ6, GZ13, WMW4, WMW5, WMW6, MW9 and MW10. The gauging data will be evaluated to allow documentation of short-term groundwater fluctuations and used to monitor recharges to IFG1 and IFG2.
- MW12 will be resampled in May 2008. The results will be used to assess the validity of the April 2008 sampling data for this well, and the next course of action for residential air monitoring requirements.
- A scheduled quarterly groundwater sampling event of at least 15 wells will coincide with the July 2008 gauging event, and include: IFG2, ERM11, WMW1S, WMW5, GZ5S, GZ6, GZ7, GZ13, RW1, IW3, CDW7, MW9, MW10, MW11 and MW12.

9. DATA USABILITY & QA/QC DATA

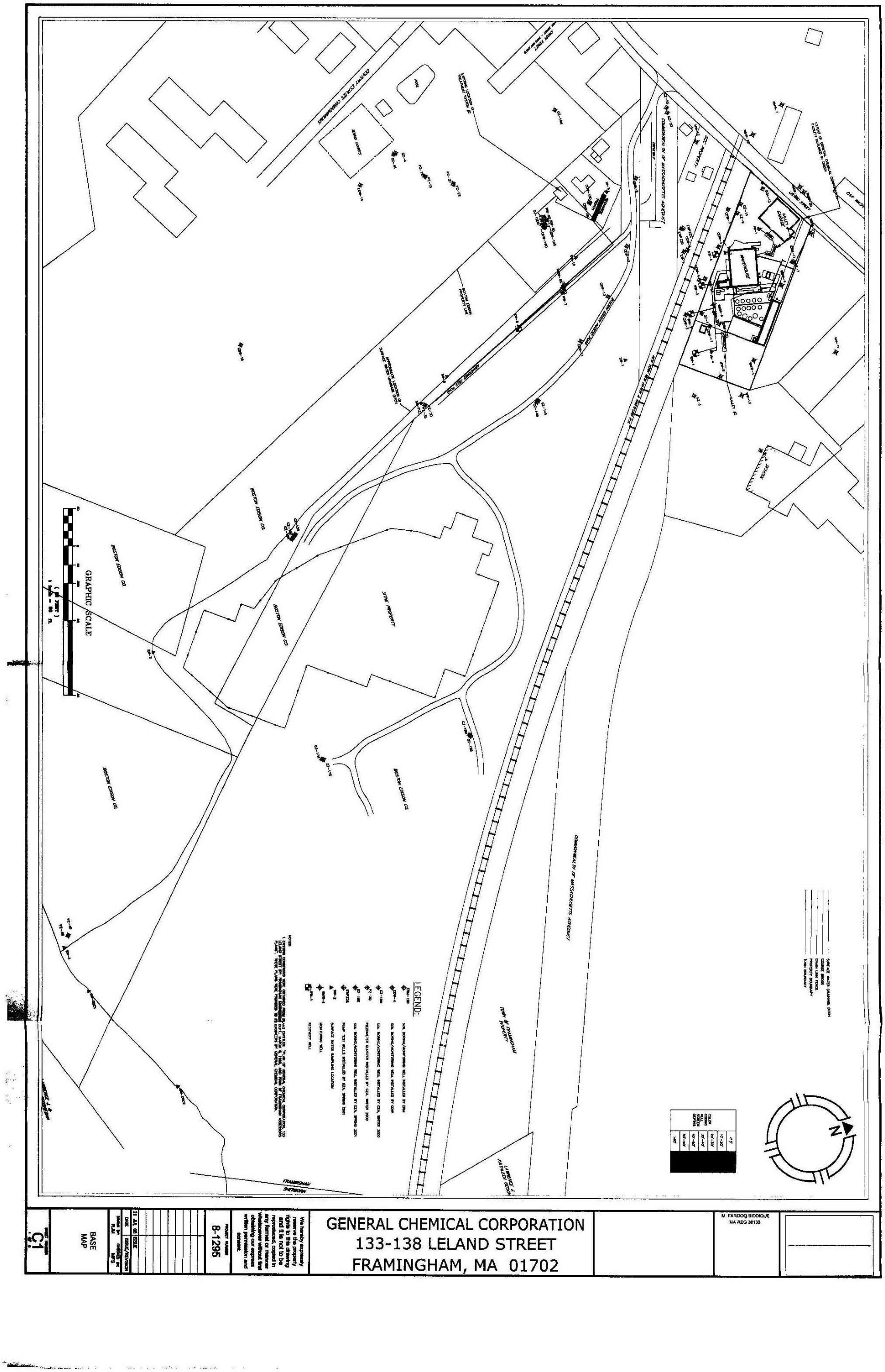
In accordance with the MassDEP Decision with Modifications dated November 2, 2000, this report includes a discussion and evaluation of the quality and usability of the data. Included in this evaluation are a review of matrix spike and surrogate recoveries and a discussion of elevated detection limits. Several samples had elevated limits of detection due to required dilutions. This is normal for these samples given the high historical VOC concentrations detected in previous sampling rounds. The monitoring wells and surface water samples with elevated MDLs had also been diluted in prior sampling rounds due to elevated VOCs. Dilution of samples is a normal laboratory procedure performed to reduce sample concentrations to levels that fall within the calibration range of the instrument. The laboratory certificates of analysis contain a narrative discussion of the dilution.

The lab blank analyses for VOC samples analyzed in the same batch as the GCC samples detected no VOCs. Some of the Laboratory Control Sample/Laboratory Control Sample Data (LCS/LCSD) quality assurance batch analyses had either low recoveries or high recoveries for several "difficult analytes" that may fall outside the 70% to 130% QC criteria. These recovery rates do no invalidate the data usability, given the large historical database for each of the sampling locations. The range of LCS/LCSD recoveries has not created the potential for false negatives or false positives that would impact the overall remediation plan or plume delineation.

All samples were received intact at the laboratory with temperatures below 6°C. Based on review of field work and laboratory analyses it is our opinion that the analytical data obtained during the well gauging and/or monitoring activities at the Site contain the level of support and documentation necessary to satisfy the regulatory requirements of the MCP, using tools and guidelines contained in the Compendium of Analytical Methods, and other appropriate and scientifically sound procedures and techniques. Analytical data certification is included in each analytical laboratory report. Pursuant to Section 310 CMR 40.0017 of the MCP, "any person undertaking response actions under the provisions of the MCP shall ensure that the analytical and environmental monitoring data used in support of recommendations, conclusions, or Licensed Site Professional (LSP) Opinions with respect to assessment, removal or containment actions are scientifically valid and defensible, and a level of precision of accuracy commensurate with its stated or intended use". An evaluation of the field procedures performed during the well gauging and/or monitoring activities as well as an evaluation of the overall quality and suitability of data used to support site characterization decisions and opinions at this site have been adequately performed. Accordingly, it is our opinion that the field and laboratory data sets adequately meet specific site characterization needs and data quality objectives. Further, using the Conceptual Site Modeling approach, "laboratory" data and "field/screening", it is our opinion that the field and laboratory data are representative of the type, location and concentrations of contaminants of concern (COCs) at the site.

ATTACHMENT 1

SITE PLAN


GRAPHIC SCALE
LEGEND:
NOTES:
GENERAL CHEMICAL CORPORATION
133-138 LELAND STREET
FRAMINGHAM, MA 01702
BASE MAP
8-1295
C1
M. FAROOQ SIDDIQUE
MA REG 38133
We hereby expressly reserve the property rights to this drawing and it is not to be reproduced, copied in any format or manner whatsoever without first obtaining our express written permission and consent.
21 AUG 08 ISSUE

ATTACHMENT 2

GEOLOGIC & WELL CONSTRUCTION LOGS FOR MW9, MW10, MW11 AND MW12

SOIL BORING LOG

FS ENGINEERS, INC

Project No.: 8-1295
Total Depth:19.5
Date Started:4/3/2008
Casing ID: 2"
Remarks: Geoprobe

Client: General Chemical
Location: Framingham, MA
Completed:4/3/2008
Ground Elevation:

Boring: MW9
Logged By: C. Nunes
Contractor: New England Geotech

Depth Feet	Sample				PID	Sample Description
	Type & Number	Blows per 6 in.	Depth Range (ft)	Rec.		
1 2 3 4 5			0-5	30	6.8	10" Medium-coarse sand, dark brown 4" Silty fine sand, brown 16" Medium sand, trace rocks, brown DTW 4'
6 7 8 9 10			5-10	36	52.2	Medium-fine sand, brown
11 12 13 14 15			10-15	42	2.1	Medium-coarse sand, brown
16 17 18 19 20						Cannot sample 15-20 due to high water table
21 22 23 24 25						
26 27 28 29 30						

SOIL BORING LOG

FS ENGINEERS, INC

Project No.: 8-1295
Total Depth:19.5
Date Started:4/3/2008
Casing ID: 2"
Remarks: Geoprobe

Client: General Chemical
Location: Framingham, MA
Completed:4/3/2008
Ground Elevation:

Boring: MW10
Logged By: C. Nunes
Contractor: New England Geotech

Depth Feet	Sample				PID	Sample Description
	Type & Number	Blows per 6 in.	Depth Range (ft)	Rec.		
1 2 3 4 5			0-5	29	0.0	12" Topsoil, loam 17" Fine-medium sand, trace rocks, brown
6 7 8 9 10			5-10	39	0.0	Medium-coarse sand, brown DTW 6'
11 12 13 14 15			10-15	60	0.0	Medium sand, some rock, brown
16 17 18 19 20						Cannot sample 15-20 due to high water table
21 22 23 24 25						
26 27 28 29 30						

SOIL BORING LOG

FS ENGINEERS, INC

Project No.: 8-1295
Total Depth:19.5
Date Started:4/3/2008
Casing ID: 2"
Remarks: Geoprobe

Client: General Chemical
Location: Framingham, MA
Completed:4/3/2008
Ground Elevation:

Boring: MW11
Logged By: C. Nunes
Contractor: New England Geotech

Depth Feet	Sample				PID	Sample Description
	Type & Number	Blows per 6 in.	Depth Range (ft)	Rec.		
1 2 3 4 5			0-5	23	0.0	Medium-coarse sand, light brown
6 7 8 9 10			5-10	39	0.0	Medium-coarse sand, brown
11 12 13 14 15			10-15	36	0.0	Medium-coarse sand, trace rock, brown DTW 13'
16 17 18 19 20			15-19.5	60	0.0	Silty fine sand, brown
21 22 23 24 25						
26 27 28 29 30						

SOIL BORING LOG

FS ENGINEERS, INC

Project No.: 8-1295
Total Depth:19.5
Date Started:4/3/2008
Casing ID: 2"
Remarks: Geoprobe

Client: General Chemical
Location: Framingham, MA
Completed:4/3/2008
Ground Elevation:

Boring: MW12
Logged By: C. Nunes
Contractor: New England Geotech

Depth Feet	Sample				PID	Sample Description
	Type & Number	Blows per 6 in.	Depth Range (ft)	Rec.		
1 2 3 4 5			0-5	32	0.0	12" Loam 20" Medium-coarse sand, brown DTW 4'
6 7 8 9 10			5-10	32	0.0	Medium-coarse sand, brown
11 12 13 14 15			10-15	60	0.0	52" Medium-coarse sand, brown 8" Silty fine sand, brown
16 17 18 19 20						Cannot sample 15-20 due to high water table
21 22 23 24 25						
26 27 28 29 30						

ATTACHMENT 3

GROUNDWATER GAUGING & SAMPLING DATABASE – SORTED BY WELL/SCREEN DEPTH

[redacted]

Sample Location	Date	Elev-ation	DTB	GRAVEL PACK	SCREEN INTRVL	DTW	LNPL DNPL	PT	GW Elev	Total VOC	PCE	TCE	11-DCE	cis-12DCE	trans-12DCE	11/12 DCA	111-TCA	MC	Chloro-form	VC	Chloro-ethane	Freon-113	1112-PCA	14-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	Ben-zene	Tol-uene	Ethyl benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen Depths Color Coding	<15'	[redacted]																																	
	10'-20'	[redacted]			MCPGW1 RISK STANDARD						0.005	0.005	0.007	0.070	0.100	0.070	0.200	0.005	0.070	0.002	NA	NA	0.005	0.003	3.000	NA	NA	NA	0.100	0.005	1.000	0.700	10.000	0.070	NA	0.140
	20'-30'	[redacted]			MCPGW2 RISK STANDARD						0.050	0.030	0.080	0.100	0.090	1.000	4.000	10.000	0.050	0.002	NA	NA	0.010	6.000	50.000	NA	NA	NA	0.100	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	50.000	20.000	50.000	NA	NA	50.000	50.000	50.000	NA	NA	NA	6.000	10.000	4.000	4.000	0.500	50.000	NA	20.000
	50'-60'																																		
	>60'																																		
GZ8	Feb-99	158.72	11.90		2-12	4.00			154.72																										
	Apr-99					2.84			155.88																										
	Jul-99					3.89			154.83																										
	Oct-99					3.50			155.22																										
	Dec-99					3.43			155.29																										
	Apr-01					1.33			157.39																										
	Jul-01					2.41			156.31																										
	Aug-02					4.88			154.22																										
	Nov-02					1.99			156.73																										
GZ9	Feb-99	158.71	10.20		9-11	4.00			154.71																										
	Apr-99	158.71				1.72			156.99																										
	Jul-99	158.71				3.11			155.60																										
	Oct-99	158.71				3.90			154.81																										
	Dec-99	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	Feb-99	159.84	8.10		6.5-8.5	4.58			155.26																										
	Apr-99					1.81			158.03																										
	Jul-99					3.29			156.55																										
	Oct-99					4.90			154.94																										
	Dec-99					3.42			156.42																										
	Apr-01					1.89			157.95																										
	Jul-01					3.05			156.79																										
	Aug-02					4.07			155.77																										
	Nov-02					2.36			158.48																										
	Jun-03					0.70			159.14																										
	Sep-03					1.60			157.24																										
	Nov-03					3.24			155.60																										
	Apr-08					1.22			157.62																										
GZ11	Feb-99	158.84	10.00		8-10	4.50			154.34																										
	Apr-99					1.58			157.26																										
	Jul-99					3.65			155.19																										
	Oct-99					3.81			156.13																										
	Dec-99					3.53			155.41																										
	Apr-01					1.93			157.61																										
	Jul-01					3.95			155.59																										
	Aug-02					4.97			153.97																										
	Nov-02					3.18			155.76																										
	Jun-03					0.50			158.34																										
	Sep-03					1.63			157.11																										
	Nov-03					3.69			155.14																										
GZ12	Apr-99	159.85	10.00		8-10	2.94			156.91																										
	Jul-99					4.92			154.93																										
	Oct-99					4.14			155.71																										
	Dec-99					3.05			156.80																										
	Aug-02					4.05			155.80																										
	Nov-02					2.48			157.37																										
	Sep-03	Well Destroyed																																	
GZ13	Apr-01	159.75	11.50		2-12	2.79			156.96	23.160	0.450	0.130		17.000		1.200	4.480																			
	Jul-01					3.51			156.24																										
	May-02									3.375	0.260	0.091	0.028	1.400		0.078	0.640					0.960													
	Aug-02					4.98			154.77																										
	Nov-02					4.28			155.47	3.011	0.260	0.091		1.900		0.150	0.600																		
	Jun-03					2.02			157.73																										
	Nov-03					4.11			155.64																										
	Apr-08					2.11			157.64	40.074	2.810	2.180	0.236	26.700		0.668	5.200					2.280													

[redacted]

Sample Location	Date	Elevation	DTB	GRAVEL PACK	SCREEN INTRVL	DTW	LNPL DNPL	PT	GW Elev	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1,2,2-DCA	1,1,1-TCA	MC	Chloroform	VC	Chloroethane	Freon 113	1,1,2-TCA	1,4-Dioxane	Acetone	Cumene	2-Butanone	TMB	Styrene	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TAME	Naphthalene
Well Screen Depths Color Coding	<15'																																		
	15'-20'	[redacted]			MCPGW1 RISK STANDARD						0.005	0.005	0.007	0.070	0.100	0.070	0.200	0.005	0.070	0.002	NA	NA	0.005	0.003	3.000	NA	NA	NA	0.100	0.005	1.000	0.700	10.000	0.070	NA	0.140
	20'-30'	[redacted]			MCPGW2 RISK STANDARD						0.050	0.030	0.050	0.100	0.090	1.000	4.000	10.000	0.050	0.002	NA	NA	0.010	6.000	50.000	NA	NA	NA	0.100	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	50.000	20.000	50.000	NA	NA	50.000	50.000	50.000	NA	NA	NA	6.000	10.000	4.000	4.000	0.500	50.000	NA	20.000
	50'-60'																																		
	>60'																																		
GZ15S	Apr-91	156.47	14.00		4-14	6.00			150.47	0.000																									
	Jul-91					6.20			150.27																										
	May-92					5.84			150.63	0.010						0.000	0.010																		
	Aug-92					7.00			149.47																										
	Nov-92					5.73			150.74	0.010						0.007	0.003																		
	Jun-93					5.60			150.87	0.004						0.000	0.004																		
	Sep-93					6.00			150.47																										
	Nov-93					5.80			150.67	0.000																										
	Jul-94									0.010	0.004	0.001				0.003	0.002																		
	Dec-94									0.007																										
	Jun-96									0.000																										
	Oct-96									0.010	0.000	0.002					0.004																			
	Mar-98									0.000						0.002	0.001																		
	Aug-98									0.000																										
	Mar-07					5.35			151.32	0.033			0.001	0.012		0.002	0.006			0.001																
	Nov-07					6.02			150.45	0.000																										
	Apr-08					5.90			150.45																										
GZ16S	Apr-91	156.54	12.00		7-12	6.00			150.48	0.010		0.010																							
	Jul-91					5.92			150.62																										
	May-92					5.64			150.90	0.000																										
	Jun-93				Well Damaged																														
GZ17S	Jul-91	158.18	14.00		4-14	7.00			151.18																										
	May-92					5.52			152.66																										
	Aug-92					8.02			149.16																										
	Jun-93					5.19			152.99																										
	Sep-93					7.23			150.95																										
	Nov-93					6.47			151.71																										
	Nov-97					7.70			150.48																										
	Apr-98					6.12			152.06	0.000																										
GZ18S	Jul-91	158.35	14.00		4-14	6.20			152.06																										
	May-92					5.19			153.16																										
	Aug-92					8.45			149.90																										
	Jun-93					5.19			153.25																										
	Sep-93					6.52			151.83																										
	Nov-93					5.99			152.35																										
	Nov-97					7.03			151.32																										
	Apr-98					5.41			152.94																										
WMW2S	Oct-85	161.55	14.40		5-15					0.137	0.015	0.004	0.003			0.033	0.082																		
	Mar-86									0.020	0.015	0.003				0.001	0.001																		
	Aug-86									0.540	0.540	0.000					0.000																		
	Mar-87					5.07			156.48	0.000	0.020	0.005	0.003	0.002		0.013	0.030				0.001													0.001	
	Nov-87					6.27			155.28	0.027			0.001			0.000	0.018																		
	Apr-88					3.57			157.98	0.004						0.001	0.003																		
WMW4	Mar-86	162.34	13.80		5-15					18.220	0.360	0.540		0.100		0.100						2.000					0.210							0.110
	Aug-86									24.000	5.000	2.100	0.320	0.000		0.100	0.530	4.700				2.000					0.100							0.100
	Mar-87					6.30			156.04	41.000	6.400	3.000	1.400	14.000			11.000	2.000				2.000					0.100							0.100
	Nov-87					7.33			155.01	61.000	7.000	3.300	1.200	20.000			15.000	2.400				2.000					0.100							0.100
	Apr-88					4.57			157.77	30.532	2.000	1.200	0.597	14.000		0.175	10.700					0.783					0.207							
WMW5	Oct-85	163.19	14.20		5-15					0.220	0.130	0.025		0.053			0.007																		
	Mar-86									30.640	11.000	11.000	0.340	10.000			7.200																		
	Aug-86									76.000			1.700	46.000		0.000	23.000	5.000																	
	Mar-87					7.37			155.82	36.700	5.300	3.700	0.700	15.000			11.000																		
	Nov-87					8.35			153.84	36.700	1.000	1.000	0.730	24.000		0.470	7.700																		
	Apr-88					5.67			157.52	5.570	0.000	0.023	0.004	5.310		0.007	1.710					0.072													
WMW7	Oct-85	161.12	14.85		5-15					0.053	0.010	0.003	0.003	0.004	0.001	0.000	0.000			0.003											0.001	0.007	0.000		
	Mar-86									0.000	0.010	0.002	0.004	0.003		0.004				0.001						0.003		0.027			0.001		0.000		0.004
	Aug-86									0.077	0.070	0.000					0.033											0.010							
	Mar-87					6.48			154.64	0.007	0.030	0.011	0.001	0.007	0.001	0.010	0.002			0.002							0.000		0.003				0.000		0.001
	Nov-87					8.31			154.81	0.000						0.000																		
	Apr-88					3.74			157.38	0.000						0.003																0.002			
WMW8S	Aug-86	155.70	32.20		5-15					7.040	1.200	2.700	0.000	1.000			0.000					0.570													
	Mar-87					4.55			151.15	87.000			2.400	56.000		11.000	11.000			7.000															
	Nov-87					4.85			150.75	69.000	5.000	1.100	2.200	57.000			22.000			1.400															
	Apr-88					4.36			151.36	31.915	0.630	0.590	0.618	10.000		0.700	5.100			0.444		3.020					0.024								
IFG1	Mar-87	159.31				0.90			158.41																										
	Nov-87					2.54			156.77																										
	Apr-88					1.25			158.06	63.000	3.050	5.900	0.950	21.400		0.300	23.000	1.370				2.010													
IFG2	Nov-87	160.71				DRY																													
	Apr-88					3.24			157.47	3.271	0.336	0.377	0.035	1.250		0.055	1.100					0.058													
ITU	Nov-87		4.00			1.85																													
	Apr-88					2.01																													
ITL	Nov-87		4.00			2.26																													
	Apr-88					0.24																													

Well Screen Depths Color Coding	
	<15'
	10'-20'
	20'-30'
	30'-40'
	40'-50'
	50'-60'
	>60'

Sample Location	Date	Elev-ation	OTB	GRAVEL PACK	SCREEN INTRVL	DTW	LNPL DNPL	PT	GW Elev	Total VOC	PCE	TCE	11-DCE	cis-12DCE	trans-12DCE	11/12 DCA	111 TCA	MC	Chloro-form	VC	Chloro-ethane	Freon-113	1112-PCA	14-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
MCPGW1 RISK STANDARD											0.005	0.005	0.007	0.070	0.100	0.070	0.200	0.005	0.070	0.002	NA	NA	0.005	0.003	3.000	NA	NA	NA	0.100	0.005	1.000	0.700	10.000	0.070	NA	0.140
MCPGW2 RISK STANDARD											0.050	0.030	0.080	0.100	0.090	1.000	4.000	10.000	0.050	0.002	NA	NA	0.010	6.000	50.000	NA	NA	NA	0.100	2.000	8.000	30.000	9.000	50.000	NA	1.000
MCPGW3 RISK STANDARD											30.000	5.000	30.000	50.000	50.000	20.000	20.000	50.000	20.000	50.000	NA	NA	50.000	50.000	50.000	NA	NA	NA	6.000	10.000	4.000	4.000	0.500	50.000	NA	20.000
PZ1S	Apr-00	153.03	10.90			1.74			151.29																											
	Jul-00					2.40			150.67																											
	Oct-00					2.33			150.70																											
	Dec-00					1.77			151.26																											
	Apr-01					1.75			151.28																											
	Jul-01					1.98			151.05																											
	Aug-02					1.09			151.94																											
	Jun-03					1.06			151.97	0.000																										
	Sep-03					2.04			150.99																											
	Nov-03					1.09			151.94	0.002																									[illegible]		
	Jul-04									0.002																									[illegible]		
	Dec-04									0.001																									[illegible]		
	Jun-06									0.002																									[illegible]		
	Nov-07					3.30			149.73																											
	Apr-08					2.45			150.58																											
PZ2S	Apr-00	154.29	10.60			2.77			151.52																											
	Jul-00					3.66			150.63	1.400	0.040	1.100	0.049	0.190		0.021																				
	Oct-00					3.61			150.68																											
	Dec-00					3.22			151.07	3.582	0.190	3.000	[illegible]	0.240		0.032																				
	Apr-01					2.45			151.84	4.613	0.290	3.700	0.100	0.430		0.073																				
	Jul-01					2.96			151.33	4.400	0.190	3.600	0.150	0.400		[illegible]	0.006			0.031										0.003						
	Nov-01					3.75			150.54	3.183	0.130	2.000	0.066	0.220		0.037	0.038																			
	May-02									6.170	0.300	5.000	0.170	0.300										0.250												
	Mar-02					5.26			149.03																											
	Aug-02					4.37			149.92																											
	Nov-02									5.670	0.630	4.400	0.170	0.440			0.130																			
	Mar-03					6.77			147.52																											
	Jun-03					2.86			151.43	5.457	0.390	4.100	0.300	0.500		0.090	0.039			0.030																
	Sep-03					3.19			151.10																											
	Nov-03					3.15			151.14	9.240	1.190	5.600	0.480	1.400		0.130	0.530																			
	Nov-07					2.80			151.49																											
	Apr-08					2.32			151.97																											
PZ3S	Feb-00	154.02	9.70		8-10	4.03			149.99	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																											
PZ4S	Feb-00	103.18	7.10			3.72			99.46	0.033															0.033											
	Apr-00					3.44			99.74																											
	Jul-00					4.77			98.41																											
	Oct-00					4.16			99.02																											
	Dec-00					4.19			98.99																											
	Apr-01					3.81			99.37																											
	Jul-01					4.16			99.02																											
	Jun-03					2.91			100.27																											
	Sep-03					3.54			99.64																											
	Nov-03					3.19			99.99																											
PZ4D	Feb-00	103.37	11.40			9.80			93.57	0.072															0.072											
	Apr-00					3.57			99.80																											
	Jul-00					4.62			98.75																											
	Oct-00					4.21			99.16																											
	Dec-00					3.00			100.37																											
	Apr-01					3.48			99.89	0.033															0.033											
	Jul-01					5.19			98.18																											
	Jun-03					3.58			99.79																											
	Sep-03					3.82			99.55																											
	Nov-03					3.27			100.10																											

Sample Location	Date	Elevation	DTB	GRAVEL PACK	SCREEN INTRVL	DTW	LNPL DNPL	PT	GW Elev	Total VOC	PCE	TCE	1,1-DCE	cis-1,2DCE	trans-1,2DCE	1,1,2-DCA	1,1,1-TCA	MC	Chloroform	VC	Chloroethane	Freon 113	1112 PCA	1,4 Dioxane	Acetone	Cumene	2-Butanone	TMB	Styrene	Benzene	Toluene	Ethyl benzene	Xylenes	MTBE	TAME	Naphthalene
Well Screen Depths Color Coding	<10'				MCPGW1 RISK STANDARD						0.005	0.005	0.007	0.070	0.100	0.070	0.200	0.005	0.070	0.002	NA	NA	0.005	0.003	3.000	NA	NA	NA	0.100	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	10.000	0.050	0.002	NA	NA	0.010	6.000	50.000	NA	NA	NA	0.100	2.000	8.000	30.000	9.000	50.000	NA	1.000
	30'-40'																																		
	40'-50'																																		
	50'-60'				MCPGW3 RISK STANDARD						30.000	5.000	30.000	50.000	50.000	20.000	20.000	50.000	20.000	50.000	NA	NA	50.000	50.000	50.000	NA	NA	NA	6.000	10.000	4.000	4.000	0.500	50.000	NA	20.000
	>60'																																		
ERM11	Sep-99	161.17	12.80		4-14	7.70			153.47																										
	Feb-00									9.000	6.000	6.000		9.000			6.000																		
	Apr-00					4.43			156.74																										
	Jul-00					4.94			156.23																										
	Oct-00					8.17			153.00																										
	Dec-00					5.78			155.39																										
	Apr-01					3.30			157.87																										
	Jul-01					4.70			156.47																										
	May-02					4.02			156.95																										
	Aug-02					6.30			154.67																										
	Nov-02					5.11			155.86																										
	Jun-03					3.27			157.90																										
	Sep-03					5.07			156.10																										
	Nov-03					6.33			154.84																										
	Nov-07					3.84			157.33																										
	Apr-08					3.23			157.94	4.400	0.110	0.140	0.062	2.310		0.031	1.800					0.154													
CDW2	Jun-99	157.21	12.50	1-13	3-13					2.000	0.002	0.400	0.023	0.011	0.002	0.040	0.800			0.000																
	Sep-99					5.33			151.88																										
	Feb-00					3.78			153.43	1.462	0.360	0.310	0.024	0.460		0.025	0.283																		
	Apr-00					2.20			154.96																										
	Jul-00					4.72			152.49	2.963	0.540	0.700	0.073	0.750		0.030	0.640	0.180																	
	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	Sep-99	157.65	11.20	1-14	4-14	5.83			151.82																										
	Feb-00					5.68			151.97	45.790	20.000	5.300	0.680	7.700		0.200	11.900												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					1.36			156.35																										
	Sep-03					4.86			152.79																										
	Nov-03					4.60			153.05																										
CDW4	Sep-99	156.21	6.80	1-6.5	1.5-6.5	6.80			151.41																										
	Feb-00					5.09			152.61	148.160	0.960	6.800	4.400	57.000			52.800	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	45.710	0.970	12.000	1.500	14.000		0.270	16.000	0.970																	
	Jul-01					5.32			152.89																										
	May-02					3.88			154.63																										
	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					5.63			152.58																										
CDW5	Jun-99	158.93	12.70	1-12	2-12					8.224	0.334	4.480	0.007	2.150	0.016	0.090	1.123			0.004																
	Sep-99					5.49			152.44	546.220	15.000	360.000	7.900	72.000		4.300	82.000	1.400																		
	Feb-00					4.42			154.51	98.200	5.200	62.000		14.000			14.000																		
	Apr-00					2.14			156.79																										
	Jul-00					4.84			154.09	226.300	6.900	150.000	3.400	32.000			32.000																		
	Oct-00					4.84			154.09	152.900	7.900	90.000		37.000			16.000																		
	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					5.50			153.43																										

Sample Location	Date	Elevation	DTB	GRAVEL PACK	SCREEN INTRVL	DTW	LNPL DNPL	PT	GW Elev	Total VOC	PCE	TCE	11 DCE	cis 12DCE	trans-12DCE	11/12-DCA	111-TCA	MC	Chloroform	VC	Chloroethane	Freon-113	1112-PCA	14-Dioxane	Acetone	Cumene	2-Butanone	TMB	Styrene	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TAME	Naphthalene
Well Screen Depths Color Coding	<15'		MCPGW1 RISK STANDARD								0.005	0.005	0.007	0.070	0.100	0.070	0.700	0.005	0.070	0.002	NA	NA	0.005	0.003	3.000	NA	NA	NA	0.100	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	10.000	0.050	0.002	NA	NA	0.010	6.000	50.000	NA	NA	NA	0.100	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	50.000	20.000	50.000	NA	NA	50.000	50.000	50.000	NA	NA	NA	6.000	10.000	4.000	4.000	0.500	50.000	NA	20.000
	50'-60'																																			
	>60'																																			
CDW6	Sep-99	157.07	11.00	1-12	2-12	[illegible]			[illegible]																											
	Feb-00					4.6[illegible]			[illegible]	1[illegible].440	7.[illegible]	[illegible]	4.300	57.000		0.[illegible]	[illegible]	[illegible]													0.010					
	Apr-00					3.[illegible]			15[illegible]																											
	Jul-00					4.[illegible]			1[illegible]	244.[illegible]	22.[illegible]	[illegible]	7.400	67.000		1.[illegible]	[illegible]	[illegible]													0.[illegible]					
	Oct-00					4.[illegible]			152.[illegible]																											
	Dec-00					4.15			152.92																											
	Apr-01					3.88			153.19																											
	Apr-08					3.44			153.63																											
CDW7	Jun-99	158.42	10.40	0.75-10.5	1-10.5					0.587	0.010	0.009		0.504	0.004	0.017	0.017																			
	Sep-99					5.29			153.13																											
	Feb-00					4.02			154.40	0.870	0.013	0.049		0.780			0.015			0.013																
	Apr-00								15[illegible].42																											
	Jul-00					3.98			154.40	0.478	0.021	0.043	0.008	0.270		0.010	0.009			0.001																
	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					2.82			155.60																											
	Nov-03					3.17			155.25																											
	Apr-08					1.70			156.72	0.124	0.012	0.020		0.079	0.002	0.002				0.011																
CDW9	Jun-99	155.25	7.50	1-12	2-12					17.300	1.940	7.400	0.291	6.340	0.042	0.101	0.001	0.340	0.003	0.027								0.006		0.020	0.004	0.001	0.014			
	Sep-99					5.68			149.57	60.700	7.400	41.000	0.790	18.000			3.100	1.500																		
	Feb-00					3.19			152.06	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	39.880	5.000	19.000	0.500	13.000			1.500	0.800																		
	Oct-00					4.05			151.20	35.010	5.900	15.000	0.450	12.000			1.100	0.900																		
	Dec-00					2.55			152.70	43.650	6.500	17.000	0.660	16.000			2.500	0.900																		
	Apr-01					2.18			153.07	23.880	3.400	8.500	0.430	8.400		0.130	1.300	0.720																		
	Jul-01					2.83			152.42	26.790	3.400	11.000	0.500	9.300		0.150	1.500	0.840																		
	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																											
CDW10	Sep-99	153.12	10.90	1-12	2-12	3.78			149.34																											
	Feb-00					1.94			151.18	0.551	0.150	0.170	0.003	0.160		0.017	0.026			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																											
CDW11	Jun-99	152.99	11.20	1-12	2-12					0.003				0.003																						
	Sep-99					2.79			150.20																											
	Feb-00					0.99			152.00																											
	Apr-00					0.58			152.41																											
	Jul-00					1.57			151.42																											
	Oct-00					1.60			151.39	0.000																										
	Dec-00					0.93			152.06	0.000																										
	Apr-01					0.70			152.29	0.000																										
	Jul-01					0.95			152.04	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																											

Well Screen Depths Color Coding: <15' | 10'-20' | 20'-30' | 30'-40' | 40'-50' | 50'-60' | >60'

Sample Location	Date	Elevation	DTB	GRAVEL PACK	SCREEN INTRVL	DTW	LNPL DNPL	PT	GW Elev	Total VOC	PCE	TCE	11DCE	cis-12DCE	trans-12DCE	11/12-DCA	111-TCA	MC	Chloroform	VC
MCPGW1 RISK STANDARD											0.005	0.005	0.007	0.070	0.100	0.070	0.200	0.005	0.070	0.002
MCPGW2 RISK STANDARD											0.050	0.030	0.080	0.100	0.090	1.000	4.000	10.000	0.050	0.002
MCPGW3 RISK STANDARD											30.000	5.000	30.000	50.000	50.000	20.000	20.000	50.000	20.000	50.000
CDW18S	Jun-99	153.57	5.30		2-6					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
	Sep-99					3.53			150.04	[illegible]	0.410	2.000	0.130	2.000		[illegible]	[illegible]			[illegible]
	Feb-00					2.11			151.46	5.720	[illegible]	2.000	0.120	2.100		[illegible]	[illegible]			
	Apr-00					1.66			151.91											
	Jul-00					2.41			151.16	[illegible]	[illegible]	0.130	0.013	0.010	[illegible]	[illegible]	[illegible]			[illegible]
	Oct-00					2.75			150.82	11.123	[illegible]	7.000	0.010	0.310		[illegible]	[illegible]			[illegible]
	Dec-00					[illegible]			[illegible]	3.141	0.300	1.300	0.002	1.300		[illegible]	[illegible]			0.019
	Apr-01					1.78			151.79	[illegible]	[illegible]	0.100	0.007	0.100		[illegible]	[illegible]			
	Jul-01					2.16			151.41	[illegible]	[illegible]	[illegible]		0.041		[illegible]	[illegible]			0.014
	Nov-01					2.74			150.83	1.200	[illegible]	0.270	0.013		[illegible]	0.040	0.014			0.007
	May-02					1.54			[illegible]											
	Aug-02					3.26			150.31											
	Nov-02					1.45			152.12											
	Mar-03					2.74			150.83											
	Jun-03					[illegible]			153.57											
	Sep-03					1.85			151.72											
	Nov-03					1.77			151.80											
	Nov-07					2.24			151.33											
	Apr-08					1.22			152.36	0.796	0.170	0.167	0.007	0.342		0.021	0.070			
CDW18D	Jun-99	153.78	9.00		4-9					[illegible]	3.000	7.000	[illegible]	11.000		0.230	2.100			0.126
	Sep-99					3.34			150.44	40.700	6.000	15.000	1.200	15.000			4.000			
	Feb-00					[illegible]			151.83	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	[illegible]	2.600	8.200	0.740	9.400			2.200			
	Oct-00					[illegible]			[illegible]	[illegible]	2.000	8.200	[illegible]	9.300		0.100	2.100			
	Dec-00					2.60			151.18	24.300	2.600	8.300	0.700	10.000			2.000			
	Apr-01					1.61			152.17	17.129	2.100	6.200	0.610	6.400		0.110	1.700			
	Jul-01					[illegible]			151.39	[illegible]	2.000	6.300	0.600	7.000	0.050	0.130	1.700			
	Nov-01					3.24			150.54	33.400	2.600	[illegible]	0.830	20.000		0.290	3.000	0.270		
	May-02					1.52			152.26											
	Aug-02					3.46			150.32											
	Nov-02					[illegible]			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					[illegible]			[illegible]											
	Apr-08					1.42			152.36	2.961	0.475	0.962	0.052	1.250		0.071	0.294			0.026
CDW19S	Jun-99	152.63	5.80		5-6					[illegible]	[illegible]	0.012		0.015						
	Sep-99					2.31			150.32	3.962	0.200	1.600	0.045	1.700		0.027	0.230			
	Feb-00					0.94			[illegible]	0.262	0.011	0.072	0.003	0.158		0.005	[illegible]			0.012
	Apr-00					0.81			151.82											
	Jul-00					1.35			151.28											
	Oct-00					[illegible]			150.75	0.562	0.053	0.190	0.010	0.260	0.004	[illegible]	0.026			0.019
	Apr-01					0.82			151.81	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	2.559	0.210	0.920	0.036	1.100	0.002	0.019	0.230			0.005
	May-02					0.74			[illegible]											
	Aug-02					2.32			150.31											
	Nov-02					0.83			[illegible]											
	Mar-03					1.50			151.13											
	Jun-03					0.50			152.13											
	Sep-03					0.87			151.76											
	Nov-03					0.95			[illegible]											
	Nov-07					1.27			151.36											
	Apr-08					1.43			151.20	15.920	3.860	3.760	0.414	5.820		0.326	1.770			
MW1	Apr-00	159.88	5.80		5-15	4.53			155.35											
	Jun-03	Well Destroyed																		
MW2	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																		

Sample Location	Date	Chloroethane	Freon-113	1112-PCA	14-Dioxane	Acetone	Cumene	2-Butanone	TMB	Styrene	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TAME	Naphthalene
MCPGW1 RISK STANDARD		NA	NA	0.005	0.003	3.000	NA	NA	NA	0.100	0.005	1.000	0.700	10.000	0.070	NA	0.140
MCPGW2 RISK STANDARD		NA	NA	0.010	6.000	50.000	NA	NA	NA	0.100	2.000	8.000	30.000	9.000	50.000	NA	1.000
MCPGW3 RISK STANDARD		NA	NA	50.000	50.000	50.000	NA	NA	NA	6.000	10.000	4.000	4.000	0.500	50.000	NA	20.000
CDW18S	Jun-99										[illegible]	[illegible]					
CDW18S	Dec-00										[illegible]						
CDW18S	Nov-01							[illegible]			0.001						
CDW18D	Jun-99										0.072						
CDW18D	Apr-08		0.056			0.175											
CDW19S	Nov-01					0.036									0.002		
CDW19S	Apr-08		0.236														

Sample Location	Date	Elev-ation	DTB	GRAVEL PACK	SCREEN INTRVL	DTW	LNPL DNPL	PT	GW Elev	Total VOC	PCE	TCE	11-DCE	cis-12DCE	trans-12DCE	11/12-DCA	111-TCA	MC	Chloro-form	VC	Chloro-ethane	Freon-113	1112-PCA	14-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	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	0.005	0.070	0.002	NA	NA	0.005	0.003	3.000	NA	NA	NA	0.100	0.005	1.000	0.700	10.000	0.070	NA	0.140
	15'-20'		MCPGW2 RISK STANDARD								0.050	0.030	0.080	0.100	0.090	1.000	4.000	10.000	0.050	0.002	NA	NA	0.010	6.000	50.000	NA	NA	NA	0.100	2.000	8.000	30.000	6.000	50.000	NA	1.000
	20'-30'		MCPGW3 RISK STANDARD								30.000	5.000	30.000	50.000	50.000	20.000	20.000	50.000	20.000	50.000	NA	NA	50.000	50.000	50.000	NA	NA	NA	6.000	10.000	4.000	4.000	0.500	50.000	NA	20.000
	30'-40'																																			
	40'-50'																																			
	50'-60'																																			
	>60'																																			
MW4	Apr-00	160.90	9.75		7-17	4.74			156.16																											
	Jul-00					6.54			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	Apr-01		15.10			7.40																														
	Jul-01					9.11																														
	Jun-03					7.21																														
	Sep-03					10.15																														
	Nov-03					9.82																														
FW17	Apr-01		15.90			4.92																														
	Jul-01					5.97																														
	Jun-03	Well Damaged																																		
CDW12	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]			[illegible]	[illegible]			[illegible]	[illegible]		[illegible]	[illegible]	[illegible]													[illegible]					
CDW13	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]			[illegible]																											
CDW14	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]			[illegible]																											
CDW15	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]			[illegible]																											

Sample Location	Date	Elevation	DTB	GRAVEL PACK	SCREEN INTRVL	DTW	LNPL DNPL	PT	GW Elev	Total VOC	PCE	TCE	11-DCE	cis-12DCE	trans-12DCE	11/12-DCA	111-TCA	MC	Chloroform	VC	Chloroethane	Freon-113	1112-PCA	14-Dioxane	Acetone	Cumene	2-Butanone	TMB	Styrene	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TAME	Naphthalene
Well Screen/ Depths Color Coding	<15'		MCPGW1 RISK STANDARD								0.005	0.005	0.007	0.070	0.100	0.075	0.200	0.005	0.070	0.002	NA	NA	0.005	0.003	3.000	NA	NA	NA	0.100	0.005	1.000	0.700	10.000	0.070	NA	0.140
	10'-20'		MCPGW2 RISK STANDARD								0.050	0.030	0.080	0.100	0.090	1.000	4.000	10.000	5.000	0.002	NA	NA	0.010	6.000	50.000	NA	NA	NA	0.100	2.000	8.000	30.000	9.000	50.000	NA	1.000
	20'-30'		MCPGW3 RISK STANDARD								30.000	5.000	30.000	50.000	50.000	20.000	20.000	50.000	20.000	50.000	NA	NA	50.000	50.000	50.000	NA	NA	NA	6.000	10.000	4.000	4.000	0.500	50.000	NA	20.000
	30'-40'																																			
	40'-50'																																			
	50'-60'																																			
	>60'																																			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Sample Location	Date	Elevation	DTB	GRAVEL PACK	SCREEN INTRVL	DTW	LNPL DNPL	PT	GW Elev	Total VOC	PCE	TCE	11-DCE	cis-12DCE	trans-12DCE	11/12-DCA	111-TCA	MC	Chloroform	VC	Chloroethane	Freon-113	1112-PCA	14-Dioxane	Acetone	Cumene	2-Butanone	TMB	Styrene	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TAME	Naphthalene
Well Screen/ Depths Color Coding	<10'		MCPGW1 RISK STANDARD								0.005	0.005	0.007	0.070	0.100	0.070	0.200	0.005	0.070	0.002	NA	NA	0.005	0.003	3.000	NA	NA	NA	0.100	0.005	1.000	0.700	10.000	0.070	NA	0.140
	10'-20'																																			
	20'-30'		MCPGW2 RISK STANDARD								0.030	0.030	0.080	0.100	0.090	1.000	4.000	10.000	0.056	0.002	NA	NA	0.010	6.000	50.000	NA	NA	NA	0.100	2.000	6.000	30.000	8.000	50.000	NA	1.000
	30'-40'																																			
	40'-50'		MCPGW3 RISK STANDARD								20.000	5.000	30.000	50.000	50.000	25.000	20.000	50.000	20.000	50.000	NA	NA	50.000	50.000	50.000	NA	NA	NA	6.000	10.000	4.000	4.000	0.500	50.000	NA	20.000
	50'-60'																																			
	>60'																																			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Sample Location	Date	Elevation	DTB	GRAVEL PACK	SCREEN INTRVL	DTW	LNPL DNPL	FT	GW Elev	Total VOC	PCE	TCE	11-DCE	cis-12DCE	trans-12DCE	11/12-DCA	111-TCA	MC	Chloroform	VC	Chloroethane	Freon-113	1112-PCA	14-Dioxane	Acetone	Cumene	2-Butanone	TBB	Styrene	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TAME	Naphthalene
Well Screen/ Depths Color Coding	<15'		MCPGW1 RISK STANDARD								0.005	0.005	0.007	0.070	0.100	0.070	0.200	0.005	0.070	0.002	NA	NA	0.005	0.003	3.000	NA	NA	NA	0.100	0.005	1.000	0.700	10.000	0.070	NA	0.140
	15'-25'																																			
	25'-35'		MCPGW2 RISK STANDARD								0.050	0.030	0.080	0.100	0.090	1.000	4.000	10.000	0.050	0.002	NA	NA	0.010	6.000	50.000	NA	NA	NA	0.100	2.000	8.000	30.000	9.000	50.000	NA	1.000
	35'-45'																																			
	45'-55'		MCPGW3 RISK STANDARD								30.000	5.000	30.000	50.000	50.000	20.000	20.000	50.000	20.000	50.000	NA	NA	50.000	50.000	50.000	NA	NA	NA	6.000	10.000	4.000	4.000	0.500	50.000	NA	20.000
	55'-65'																																			
	>65'																																			
[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]										[illegible]		[illegible]	[illegible]	[illegible]	[illegible]			[illegible]
	[illegible]					[illegible]			[illegible]																											
	[illegible]									[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]																		
	[illegible]					[illegible]			[illegible]																											
	[illegible]					[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]													[illegible]		[illegible]			
	[illegible]					[illegible]			[illegible]																											
	[illegible]					[illegible]			[illegible]																											
	[illegible]					[illegible]			[illegible]																											
	[illegible]					[illegible]			[illegible]																											
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	[illegible]					[illegible]			[illegible]																											
	[illegible]					[illegible]			[illegible]																											
	[illegible]					[illegible]			[illegible]																											
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]																											
	[illegible]									[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]																		
	[illegible]					[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]													[illegible]					
	[illegible]					[illegible]			[illegible]																											
	[illegible]					[illegible]			[illegible]																											
	[illegible]					[illegible]			[illegible]																											
	[illegible]					[illegible]			[illegible]																											
	[illegible]					[illegible]			[illegible]																											
	[illegible]					[illegible]			[illegible]																											
	[illegible]					[illegible]			[illegible]																											
	Mar-03	Well Destroyed																																		
OZ14S	Apr-01	155.35	25.30		15-25	3.40			151.90	0.016	0.009	0.007		0.003																						
	Jul-01					3.71			151.64																											
	May-02					3.34			152.01	0.013	0.009	0.007					0.003																			
	Aug-02					4.86			150.49																											
	Nov-02					3.48			151.87	0.032	0.010	0.015		0.001			0.005																			
	Jun-03					3.26			152.09	0.020	0.007	0.010					0.003																			
	Sep-03					3.61			151.74																											
	Nov-03					3.57			151.72	0.020	0.006	0.010					0.003																			
	Jul-04									0.015	0.005	0.010		0.001			0.003																			
	Dec-04									0.104	0.064	0.034	0.001	0.001			0.004																			
	Jun-05									0.248	0.180	0.052					0.008																			
	Oct-05									0.129	0.087	0.036					0.003																			
	Mar-06									0.079	0.052	0.024					0.003																			
	Aug-06									0.098	0.064	0.031					0.003																			
	Mar-07					3.38			151.77	0.056	0.031	0.017	0.001	0.003		0.001	0.004																			
	Nov-07					3.55			151.60	0.173	0.120	0.048	0.002				0.003																			
	Apr-08					3.41			151.94																											
OZ18D	Apr-01	155.68	34.00		19-34	4.89			151.79																											
	Jul-01					5.46			151.22																											
	May-02					4.92			151.76	0.002	0.002																									
	Aug-02					6.92			149.76																											
	Nov-02					5.88			151.00	0.005	0.004	0.001																								
	Jun-03					4.91			151.17	0.000																										
	Sep-03					5.30			151.38																											
	Nov-03					5.13			151.55	0.000																										
	Jul-04									0.004	0.004	0.001																								
	Dec-04									0.000																										
	Jun-05									0.000																										
	Oct-05									0.013	0.008	0.002					0.003																			
	Mar-06									0.000																										
	Aug-06									0.000																										
	Mar-07					5.32			151.36	0.030			0.001	0.014		0.002	0.007			0.001		0.005														
	Nov-07					5.97			150.71	0.000																										
	Apr-08					4.72			151.96																											
RW55	Mar-07	152.46	30.00		10-30	1.31			151.15																											
	Nov-07					1.28			151.18																											
	Apr-08					1.20			151.26																											
IW8	Nov-07		45.00		10-50																															

Sample Location	Date	Elevation	GTE	GRAVEL PACK	SCREEN INTRVL	DTW	LNPL DNPL	PT	GW Elev	Total VOC	PCE	TCE	11-DCE	cis-12DCE	trans-12DCE	11/12-DCA	111-TCA	MC	Chloroform	VC	Chloroethane	Freon-113	1112-PCA	14-Dioxane	Acetone	Co-mone	2-Butanone	TMB	Styrene	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TAME	Naphthalene
Well Screen Depths Color Coding	<15'																																		
	15'-20'					MCPGW1 RISK STANDARD					0.005	0.005	0.007	0.070	0.100	0.070	0.200	0.005	0.070	0.002	NA	NA	0.005	0.003	3.000	NA	NA	NA	0.100	0.005	1.000	0.700	10.000	0.070	NA	0.140
	20'-30'																																		
	30'-40'					MCPGW2 RISK STANDARD					0.050	0.030	0.560	0.100	0.200	1.000	4.000	10.000	0.850	0.002	NA	NA	0.010	6.000	50.000	NA	NA	NA	0.100	2.000	5.000	30.000	5.000	50.000	NA	1.000
	40'-50'																																		
	50'-60'					MCPGW3 RISK STANDARD					30.000	5.000	30.000	50.000	50.000	20.000	20.000	50.000	20.000	50.000	NA	NA	50.000	50.000	50.000	NA	NA	NA	5.000	10.000	4.000	4.000	5.000	50.000	NA	20.000
	>60'																																		
GZ#	Feb-00	158.94	38.20	27-37	27-37	7.34			151.60	0.001																					0.001				
	Apr-00					7.83			151.62																										
	Jul-00					6.81			152.63																										
	Oct-00					7.84			150.99																										
	Dec-00					8.75			148.09																										
	Apr-01					8.00			150.84																										
	Jul-01					8.37			152.47																										
	May-02					7.16			151.68																										
	Aug-02					8.53			150.31																										
	Nov-02					7.12			151.72																										
	Jun-03					6.89			152.84																										
	Sep-03					7.47			151.37																										
	Nov-03					7.04			151.80																										
	Nov-07					7.50			151.34																										
	Apr-09					6.88			152.25																										
GZ5D	Feb-00	158.07	40.20	33-44	34-44	3.35			152.72	0.034																										
	Apr-00					2.33			153.75																0.034										
	Jul-00					3.65			152.42																										
	Oct-00					3.85			152.22																										
	Dec-00					3.20			153.02																										
	Apr-01					3.92			152.15																										
	Jul-01					3.68			152.99																										
	May-02					2.92			153.15																										
	Aug-02					4.42			151.65																										
	Nov-02					3.42			153.65																										
	Jun-03					1.13			154.94																										
	Sep-03					3.28			153.82																										
	Nov-03					2.91			153.18																										
	Nov-07					4.06			152.01																										
	Apr-09					1.82			154.25	0.000																										
GZ7	Feb-00	161.40	45.20	38-43	38-43	6.38			155.02																										
	Apr-00					4.83			156.47																										
	Jul-00					5.65			155.75																										
	Oct-00					6.62			154.78																										
	Dec-00					8.13			153.27																										
	Apr-01					3.92			157.48	0.000																										
	Jul-01					5.25			156.15	0.000																										
	Nov-01					6.75			152.65	0.114																										
	May-02					6.31			155.09	0.036	0.001	0.001													0.547	0.002		0.011				0.007	0.045		0.001
	Aug-02					6.75			154.61																				0.001					0.010		
	Nov-02					6.43			154.93	0.029	0.001	0.001																								
	Mar-03					5.73			152.65																									0.029		
	Jun-03					3.93			157.47	0.015																										
	Sep-03					6.05			156.35																	0.002		0.007				0.004			0.002
	Nov-03					5.88			155.54	0.015																										
	Jul-04									0.006																		0.001					0.023	0.011	
	Dec-04									0.830	0.012	0.060		0.001			0.003																0.004		
	Jun-05									0.853	0.026	0.015	0.001	0.003			0.006									0.004						0.001	0.005		
	Oct-05									0.063	0.015	0.027		0.006			0.042																0.002		
	Mar-06									0.063	0.001	0.001		0.001																			0.003		
	Aug-06									0.260	0.210	0.029		0.009			0.012																0.001		
	Mar-07					6.18			155.24	2.600	0.150	0.250	0.018	0.950		0.014	0.840																		
	Nov-07					7.09			154.32	2.450	0.260	0.200		1.100			0.780																		
	Apr-09					3.93			157.47	3.600	0.117	0.316	0.053	1.010		0.027	1.200					0.070														
GZ19M	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					4.84			153.36																										
	Nov-03					4.52			153.71																										
	Nov-07					5.93			152.42																										
	Apr-09					3.39			154.92	0.000																										
WMW1S	Nov-05	158.87	13.90		5-40					0.035	0.020	0.003			0.001		0.008																		
	Aug-06									0.875	0.740	0.088					0.349																0.001		
	Mar-07					4.10			154.97	0.020	0.013	0.004		0.002			0.001																		
	Nov-07					3.43			155.54	0.000																										
	Apr-09					1.98			157.01	0.000																										
WMW2D	Oct-05	161.30	39.30		18-45					0.039	0.020	0.009		0.001			0.010																		
	Mar-06									0.110	0.009	0.001	0.004			0.021	0.075																0.001		
	Aug-06									0.420	0.370	0.012					0.018																0.001		
	Mar-07					5.92			155.48	0.032	0.022	0.008		0.002		0.001	0.002																		
	Nov-07					5.09			154.82	0.001						0.001	0.001																		
	Apr-09					3.66			156.52	0.001							0.001																		

Sample Location	Date	Elev-ation	DTB	GRAVEL PACK	SCREEN INTRVL	DTW	LNPL DNPL	PT	GW Elev	Total VOC	PCE	TCE	11-DCE	cis-12DCE	trans-12DCE	11/12-DCA	111-TCA	MC
Well Screen/ Depths Color Coding	<15' / 16'-20' / 20'-30' / 30'-40' / 40'-50' / 50'-60' / >60'	MCPGW1 RISK STANDARD									0.005	0.005	0.007	0.070	0.100	0.070	0.200	0.005
		MCPGW2 RISK STANDARD									0.050	0.030	0.080	0.100	[illegible]	1.000	4.000	10.000
		MCPGW3 RISK STANDARD									30.000	5.000	30.000	50.000	50.000	20.000	20.000	50.000
WMW	Oct-05	160.32	34.25		10-40					142.700	35.000	18.000	3.700	28.000			57.000	
	Mar-06									130.300	6.000	4.300	2.000	42.000			63.000	
	Aug-06					5.81	5.81	0.00	154.21	118.000	13.000	13.000	2.400	32.000			38.000	8.000
	Feb-07					5.81	5.64	0.17	154.34									
	Feb-07					6.10	5.98	0.11	154.00									
	Mar-07					3.97	3.86	0.11	156.13	103.900	11.000	5.800	1.300	31.000		2.800	38.000	
	Apr-07					4.75	4.65	0.10	155.38									
	Apr-07					4.74	4.62	0.12	155.37									
	May-07					3.46	3.33	0.13	156.65									
	May-07					4.16	4.16	0.00	155.88									
	May-07					3.73	3.79	0.80	156.23									
	Jun-07					4.83	4.83	0.00	155.99									
	Sep-07					7.41	6.84	0.57	153.04									
	Nov-07					6.75	6.75	0.00	153.27									
	Apr-08					3.85	3.85	0.00	156.17	48.096	5.650	4.400	0.680	18.300			18.900	
RW1	Nov-05	159.21	40.00		5-40					5.160	0.820	3.500	0.080	0.490			0.290	
	Oct-06									61.210	4.990	7.300	1.500	26.000		0.410	18.000	3.100
	Mar-07									32.090	4.200	5.100	0.790	12.000			10.000	
	Aug-07									42.620	3.600	4.500	1.100	23.000		0.320	10.000	
	Nov-07					5.40			149.81	88.650	16.000	8.300	2.900	27.000			33.000	2.500
	Apr-08					4.36			154.85	18.566	1.540	3.100	0.324	9.840		0.110	4.310	
RW2	Nov-05	158.79	40.00		5-40					51.630	13.000	4.700	0.620	13.000		0.310	9.600	6.100
	Mar-06									50.250	10.000	6.700	0.750	14.000		0.200	8.800	6.100
	Jun-06									40.450	8.000	5.100	0.530	13.000		0.320	7.200	4.300
	Oct-06									59.240	8.100	5.900	1.000	23.000		0.340	13.000	5.200
	Mar-07					10.22			148.57	45.290	4.100	4.600	1.100	20.000		0.300	11.000	1.900
	Aug-07								158.79	51.000	6.300	5.300	1.200	22.000		0.300	12.000	1.900
	Nov-07					9.81			148.98	55.400	11.000	4.100	1.100	23.000		0.300	12.000	1.900
	Apr-08					2.99			155.80	34.590	1.130	1.650	0.661	19.100		0.252	8.800	0.624
RW3	Jun-06	160.63	40.00		5-40					255.600	32.000	38.000	6.600	45.000			92.000	24.000
	Oct-06									227.900	38.000	26.000	4.900	48.500			88.000	12.000
	Feb-07					13.78	13.75	0.03	146.87	202.300	36.000	19.000	5.400	52.000			75.000	3.900
	Mar-07					5.41	5.20	0.21	155.38									
	Apr-07					22.87	22.59	0.28	137.97									
	Apr-07					18.25	18.25	0.00	142.38									
	May-07					14.48	14.32	0.16	146.27									
	May-07					15.25	14.41	0.84	146.52									
	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	143.60									
	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	37.85	0.00	122.78	205.900	26.000	18.000	4.700	55.000			81.000	8.900
	Aug-07					23.58	23.58	0.00	137.05									
	Sep-07					25.83	25.83	0.00	134.80									
	Sep-07					27.24	27.24	0.00	133.39									
	Sep-07					26.64	26.64	0.00	133.99									
	Nov-07					37.70	37.70	0.00	122.93	144.300	24.000	12.000	2.800	38.000			55.000	4.500
	Apr-08					12.86	12.86	0.00	147.67	113.522	17.700	16.100	1.870	31.400		0.452	43.000	2.000

Sample Location	Date	Chloro-form	VC	Chloro-ethane	Freon-113	1112-PCA	14-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
MCPGW1 RISK STANDARD		0.070	0.002	NA	NA	0.005	0.003	3.500	NA	NA	NA	0.100	0.005	1.000	0.700	10.000	0.070	NA	0.140
MCPGW2 RISK STANDARD		0.050	0.083	NA	NA	0.010	6.000	50.000	NA	NA	NA	0.100	2.000	8.000	30.000	9.000	50.000	NA	1.000
MCPGW3 RISK STANDARD		20.000	50.000	NA	NA	50.000	50.000	50.000	NA	NA	NA	6.000	10.000	4.000	4.000	0.500	50.000	NA	20.000
WMW	Oct-05															1.000			
WMW	Mar-06				13.000														
WMW	Aug-06				12.000														
WMW	Mar-07				14.000														
WMW	Apr-08				2.180														
RW1	Apr-08				0.342														
RW2	Nov-05				4.100														
RW2	Mar-06				3.700														
RW2	Jun-06				2.000														
RW2	Oct-06				2.700														
RW2	Mar-07				2.000														
RW2	Aug-07				2.000														
RW2	Nov-07				2.000														
RW2	Apr-08				0.842						0.196					0.053			0.141
RW3	Jun-06				15.000														
RW3	Oct-06				13.000														
RW3	Feb-07				18.000														
RW3	Aug-07				11.000														
RW3	Nov-07				10.000														
RW3	Apr-08				6.360									0.250					

Sample Location	Date	Elevation	DTB	GRAVEL PACK	SCREEN INTRVL	DTW	LNPL DNPL	PT	GW Elev	Total VOC	PCE	TCE	11-DCE	cis-12DCE	trans-12DCE	11/12-DCA	111-TCA	MC	Chloroform	VC	Chloroethane	Freon 113	1112-PCA	14-Dioxane	Acetone	Cs-mone	2-Butanone	TMB	Styrene	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TAME	Naphthalene
Well Screen Depths Color Coding	<15'				MCPGW1 RISK STANDARD					5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	5.000	NA	NA	5.000	5.000	NA	NA	NA	5.000	5.000	1.000	0.700	10.000	0.070	NA	5.000
	15'-20'																																		
	20'-30'				MCPGW2 RISK STANDARD					0.050	0.030	0.080	0.100	0.060	1.000	4.000	10.000	0.050	0.002	NA	NA	0.010	0.005	50.000	NA	NA	NA	0.100	2.000	6.000	30.000	0.000	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	50.000	20.000	50.000	NA	NA	50.000	50.000	50.000	NA	NA	NA	0.000	10.000	4.000	4.000	0.500	50.000	NA	20.000
	50'-60'																																		
	>60'																																		
RW4	Nov-03	155.35	40.00		5-40					44.360	7.400	25.000	0.290	13.000			3.400			0.270															
	Mar-06									90.680	34.000	32.000	0.680	14.000			10.000																		
	Jun-06									58.720	15.000	21.000	0.520	14.000			7.200																		
	Oct-06									63.420	18.000	23.000	0.520	14.900			8.900																		
	Mar-07					10.91	10.72	0.18	148.92	48.210	11.000	17.000	0.560	15.000			5.460			0.250															
	May-07					5.68	5.53	0.95	153.16																										
	May-07					7.61	6.87	0.84	152.37																										
	May-07					7.11	7.03	0.08	152.30																										
	Jun-07					7.81	7.79	0.02	151.59																										
	Jun-07					8.18	8.17	0.01	151.18																										
	Jun-07					9.31	9.18	0.13	151.14																										
	Jun-07					9.83	9.83	0.00	150.48																										
	Jul-07					10.35	10.21	0.14	149.11																										
	Aug-07					5.46	5.41	0.07	153.82																										
	Aug-07					11.47	11.65	-0.18	147.74	64.590	11.000	21.000	0.810	23.000		0.280	8.400																		
	Aug-07					12.06	11.78	0.22	147.62																										
	Sep-07					11.21	11.17	0.04	148.17																										
	Sep-07					10.35	10.22	0.13	149.10																										
	Sep-07					10.56	10.18	0.38	149.12																										
	Nov-07					5.64	5.40	0.24	153.89																										
	Nov-07					5.64	5.64	0.00	153.71																										
	Apr-08					3.24	3.24	0.00	156.11	31.880	2.440	7.530	0.467	14.200		0.175	5.690	0.622				0.755													
RWSD	Dec-06	152.90	40.00		25-40					152.500	83.000	20.000	3.300	12.000		1.400	7.800	25.000																
	Mar-07					3.75			149.15	149.000	78.000	20.500	3.100	11.000		0.900	8.000	25.000																
	Aug-07									132.200	61.000	28.000	2.600	12.000		0.900	7.700	20.000																
	Nov-07					38.90			114.90	92.400	43.000	13.000	2.000	8.000		1.000	5.900	19.000																
	Apr-08					29.85			124.25	56.939	24.300	7.460	1.250	9.590		0.618	3.970	8.210				1.490												
RW9	Mar-07	153.40	32.70		10-40	2.25			151.15																										
	Nov-07					2.76			150.64																										
	Apr-08					2.65			150.75																										
RW7	Dec-06	154.33	38.60		10-40					8.810	5.500	2.300	0.100	1.800			0.810																		
	Mar-07					18.13			135.30	21.700	8.600	3.600	0.340	7.400		0.930	2.900			0.930														
	Aug-07									17.500	5.200	2.100	0.250	8.400		0.270	3.100			0.180														
	Nov-07					31.00			123.33	13.230	4.000	1.800	0.210	4.300		0.180	1.900	0.670		0.170														
	Apr-08					10.48			143.85	27.872	4.329	2.070	0.353	14.600		0.359	4.018	0.829				0.832												
IW1	Nov-07		40.00		5-35																														
IW3	Nov-07		40.00		5-35																														
IW5	Nov-07		34.55		10-40	3.39																													
	Apr-08					3.16																													
EW1	Jul-01	153.07		10-40	10-40	6.80			153.07																										
	May-02					4.32			154.75																										
	Aug-02					4.36			152.71																										
	Jun-03					3.07			156.00																										
	Sep-03					6.84			154.83																										
	Nov-03					4.96			154.11																										
	Nov-07					6.83			152.24																										
	Apr-08					3.99			155.08																										
EWPZ1	Jul-01	156.95	45.00			3.13			153.72																										
	Jun-03	Well Destroyed																																	
EWPZ2D	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																										

Sample Location	Date	Elevation	DTB	GRAVEL PACK	SCREEN INTRVL	DTW	LNPL DNPL	PT	GW Elev	Total VOC	PCE	TCE	T1-DCE	cis-1|2DCE	trans-1|2DCE	1|1|2-DCA	1|1|1-TCA	MC	Chloroform	VC	Chloroethane	Freon 113	1|1|2-PCA	1|4-Dioxane	Acetone	Carbon disulfide	2-Butanone	TMB	Styrene	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBE	TAME	Naphthalene
Well Screen Depths Color Coding	<15'																																			
	15'-20'					MCPGW1 RISK STANDARD					0.005	0.005	0.007	0.070	0.100	0.070	0.200	0.005	0.070	0.002	NA	NA	0.055	0.003	3.000	NA	NA	NA	0.100	0.005	1.000	0.700	10.000	0.070	NA	0.140
	20'-30'					MCPGW2 RISK STANDARD					0.050	0.030	0.088	0.150	0.090	1.000	4.000	10.000	0.050	0.302	NA	NA	0.010	0.005	50.000	NA	NA	NA	0.150	2.000	5.000	30.000	0.005	50.000	NA	1.000
	30'-40'					MCPGW3 RISK STANDARD					30.000	5.000	30.000	50.000	50.000	20.000	20.000	50.000	20.000	50.000	NA	NA	50.000	50.000	50.000	NA	NA	NA	5.000	10.000	4.000	4.000	0.500	50.000	NA	20.000
	40'-50'																																			
	50'-60'																																			
	>60'																																			
ERM12D	Jun-99	160.33	41.40		38-43					0.059	0.019	0.009		0.063			0.023																			
	Sep-99					7.45			152.87																											
	Feb-00					5.67			154.65	0.548	0.012	0.006	0.001	0.061			0.016	0.008																		
	Apr-00					4.27			156.05																											
	Jul-00					4.68			155.44	0.128	0.022	0.018	0.002	0.063		0.083	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					4.83			155.89																											
	Aug-02					6.29			154.93																											
	Jun-03					3.09			157.24																											
	Sep-03					5.85			154.47																											
	Nov-03					5.23			155.08																											
	Nov-07					4.59			155.63																											
	Apr-08					3.48			156.84	3.830	0.622	0.874	0.055	2.180		0.029	1.330					0.134													
CDW8	Jun-99			26-36	28-38	3.82				118.599	13.500	53.900	0.263	37.900		0.585	11.400			0.113												0.112	0.082	0.236		
GZ3 '	Feb-00	160.21	48.70	39-52	47-52	5.44			154.77	0.179	0.004	0.172		0.003			0.002																			
	Apr-00					3.81			156.30																											
	Jul-00					4.60			155.61																											
	Oct-00					5.66			154.55																											
	Dec-00					5.15			155.06																											
	Apr-01					2.68			157.53	0.515	0.001	0.005					0.001																			
	Jul-01					4.33			155.88																											
	Nov-01					6.69			153.32	0.008	0.001	0.005					0.001																			
	May-02					4.88			155.63																											
	Aug-02					5.70			154.81																											
	Nov-02					5.30			154.91																											
	Mar-03					6.89			153.32																											
	Nov-03					5.11			155.10																											
GZ16M	Apr-01	158.77	50.50		40-50	6.35			152.42	0.005																										
	Jul-01					7.05			151.72																											
	May-02					5.22			152.55	0.007						0.001															0.001					
	Aug-02					8.25			150.52																											
	Nov-02					6.29			152.48	0.079	0.030	0.018	0.001	0.004			0.020																			
	Jun-03					5.41			153.36	0.000																											
	Sep-03					7.15			151.62																											
	Nov-07					6.97			151.80																											
	Apr-08					8.63			153.74	0.000																											
GZ17M	Jul-01	158.06	50.00		40-50	6.13			151.93																											
	May-02					5.88			152.36																											
	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					6.69			151.17																											
	Apr-08					5.24			152.82	0.000																											
GZ19DD	Apr-01	154.15	48.00		38-48	1.65			152.55	187.700	40.000	31.000		5.500		1.600	14.600	8.500							1.420											
	Jul-01					1.52			152.63																											
	Nov-01					2.72			151.43																											
	May-02					1.41			152.74	378.700	130.000	59.000	6.700	11.000			40.000	31.000																		
	Aug-02					4.81			149.34																											
	Nov-02					1.97			152.18	306.100	97.000	42.000	4.900	8.200			29.000	23.000																		
	Mar-03					2.72			151.43																											
	Jun-03					5.90			153.25	155.500	12.000	7.700	4.600	44.000		1.000	14.900	22.300																		
	Sep-03					1.96			153.19																											
	Nov-03					1.82			152.33	55.880	6.700	7.000	4.200	18.000		0.880	15.000	24.000																		
	Jul-04									247.500	78.000	52.000	5.500	18.000			45.000	58.000																		
	Dec-04									245.300	84.000	48.000	6.300	14.000			29.000	44.000																		
	Jun-05									134.610	32.000	26.000	4.300	30.000		0.710	16.000	25.000																		
	Oct-05									178.400	55.000	33.000	4.400	17.000			28.000	38.000																		
	Aug-06									136.830	30.000	25.000	4.000	29.000		0.830	25.000	23.000																		
	Mar-07					5.72			148.43	51.950	24.000	11.000	1.400	8.500		0.600	6.600																			
	Nov-07					4.65			149.50	99.800	32.000	4.800	3.100	38.000		1.200	7.700	22.000																		
	Apr-08					6.76			153.39																											

Sample Location	Date	Elevation	GTB	GRAVEL PACK	SCREEN INTRVL	DTW	LNPL DNPL	PT	GW Elev	Total VOC	PCE	TCE	11-DCE	cis-12DCE	trans-12DCE	11/12-DCA	111-TCA	MC	Chloroform	VC	Chloroethane	Freon-113	1112-PCA	14-Dioxane	Acetone	Cumene	2-Butanone	TMB	Styrene	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TAME	Naphthalene
Well Screen/ Depths Color Coding	<15'		MCPGW1 RISK STANDARD								0.005	0.005	0.007	0.070	0.100	0.070	0.200	0.005	0.070	0.002	NA	NA	0.003	0.003	3.000	NA	NA	NA	0.100	0.005	1.000	0.700	10.000	0.070	NA	0.140
	15'-20'																																			
	20'-30'		MCPGW2 RISK STANDARD								0.050	0.030	0.080	0.100	0.090	1.000	4.000	10.000	0.050	0.002	NA	NA	0.010	6.000	50.000	NA	NA	NA	0.100	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	50.000	20.000	50.000	NA	NA	50.000	50.000	50.000	NA	NA	NA	6.000	10.000	4.000	4.000	5.000	50.000	NA	20.000
	50'-60'																																			
	>60'																																			
WMW9D	Aug-06	155.79	52.55		45-55					146.200	110.000	14.800					22.000																			
	Feb-07					4.84	51.82	1.53	151.75																											
	Mar-07					3.87	51.82	1.53	151.82																											
	Mar-07					3.34	52.11	0.24	152.45																											
	Mar-07					2.77	52.11	0.24	153.82																											
	Mar-07					2.79	52.55	0.00	153.01																											
	Apr-07					2.08	52.55	0.00	153.71																											
	Apr-07					2.71	52.55	0.00	153.08																											
	May-07					2.37	52.55	0.05	153.42																											
	May-07					2.81	52.55	0.00	152.98																											
	May-07					2.48	52.55	0.00	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	52.55	0.00	151.58																											
	Aug-07					4.52	52.55	0.00	151.27																											
	Sep-07					4.66	52.55	0.00	151.13																											
	Sep-07					4.25	52.55	0.00	151.54																											
	Sep-07					4.65	52.55	0.00	151.14																											
	Sep-07					4.69	52.15	0.40	151.10																											
	Oct-07					4.60	52.18	0.38	151.19																											
	Oct-07					4.90	51.88	0.68	150.89																											
	Nov-07					4.64	51.70	0.85	151.15																											
	Nov-07					4.55	52.55	0.00	151.24																											
	Apr-08					2.56	52.55	0.00	153.23	170.200	139.800	10.200					21.200																			
GZ4R	Feb-00	158.65	36.20	49-63	59-63	7.56			151.09																											
	Apr-00					7.15			151.50																											
	Jul-00					8.04			150.61																											
	Oct-00					8.11			150.54																											
	Dec-00					9.97			148.68																											
	Apr-01					8.51			150.14																											
	Jul-01					7.71			150.94																											
	May-02					7.08			151.57																											
	Aug-02					9.83			148.82																											
	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					7.80			150.85																											
GZ15R	Apr-01	156.51	53.08		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			0.023		0.011														
	Nov-07					6.11			150.40	0.000																										
	Apr-08					4.41			152.10																											
GZ1	Apr-00	159.66	79.06	64-71	65-72	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	0.238	0.019	0.033		0.110		0.008	0.047	0.008																		
	Nov-01					9.25			150.41	0.288	0.042	0.008	0.002	0.180			0.059																			
	May-02					6.83			152.83	0.258	0.016	0.003	0.002	0.180			0.059																			
	Nov-02					5.88			153.78	0.077	0.018	0.021	0.002	0.022		0.009	0.005			0.003																
	Mar-03					9.25			150.41																											
	Jun-03					4.74			154.92	0.830	0.004	0.025	0.004	0.740	0.007	0.028	0.120	0.003																		
	Nov-03					5.81			153.85	0.321	0.047	0.080		0.081	0.008	0.041	0.130			0.031																
	Apr-08					4.87			154.79																											

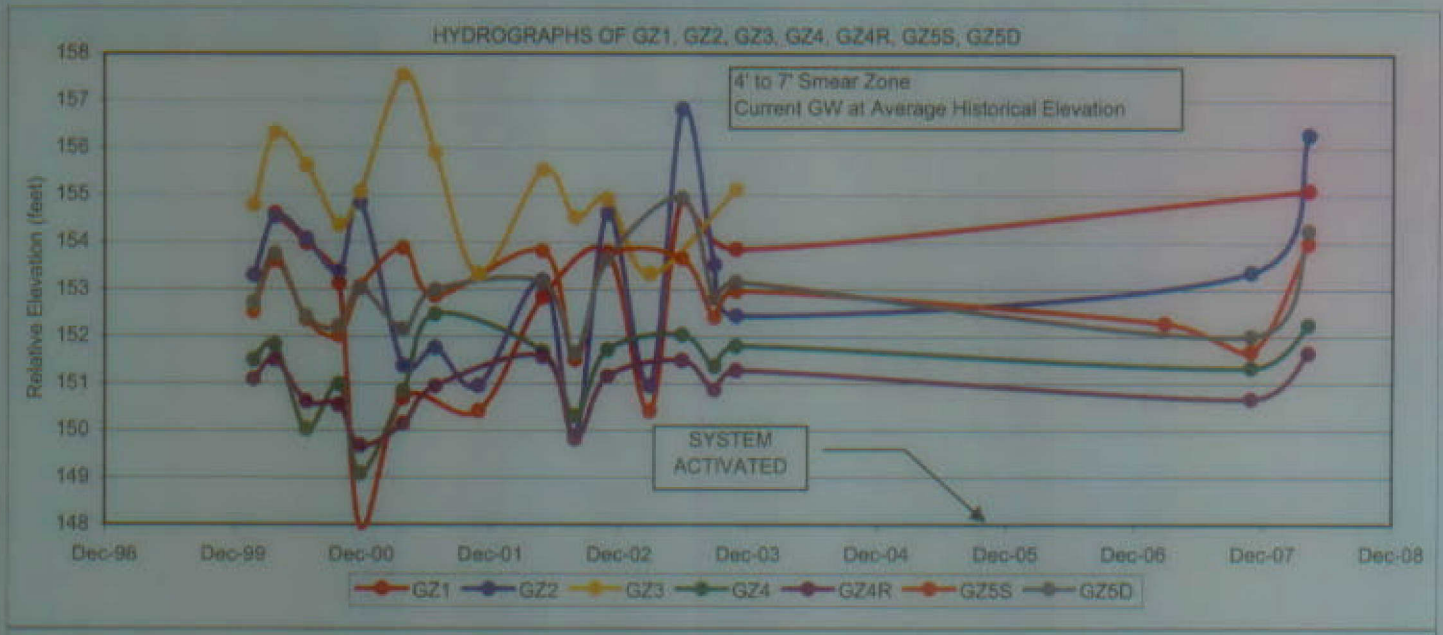
Sample Location	Date	Elev-ation	DTB	GRAVEL PACK	SCREEN INTRVL	DTW	LNPL DNPL	PT	GW Elev	Total VOC	PCE	TCE	11-DCE	cis-12DCE	trans-12DCE	11/12-DCA	111-TCA	MC	Chloro-form	VC	Chloro-ethane	Freon-113	1112-PCA	14-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	TAME	Naphth-alene
Well Screen/ Depths Color Coding	<15' 15'-20'	MCPGW1 RISK STANDARD									0.005	0.005	0.007	0.070	0.100	0.070	0.200	0.005	0.070	0.002	NA	NA	0.005	0.003	1.000	NA	NA	NA	0.100	0.005	1.000	0.700	10.000	0.070	NA	0.140
	20'-30' 30'-40'	MCPGW2 RISK STANDARD									0.050	0.030	0.080	0.100	0.080	1.000	4.000	10.000	0.050	0.002	NA	NA	0.010	6.000	50.000	NA	NA	NA	0.100	2.000	8.000	30.000	9.000	50.000	NA	1.000
	40'-50' 50'-60' >60'	MCPGW3 RISK STANDARD									30.000	5.000	30.000	50.000	50.000	20.000	20.000	50.000	20.000	50.000	NA	NA	50.000	50.000	50.000	NA	NA	NA	6.000	10.000	4.000	4.000	0.500	50.000	NA	20.000
	Feb-00					7.84			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	0.001		0.001																								
	Jul-01					9.42			151.76																											
	Nov-01					10.33			150.85	0.000																										
	May-02					7.99			153.19	0.012	0.003	0.002										0.007														
	Aug-02					11.38			149.80																											
	Nov-02					6.56			154.62	0.001		0.001																								
G22	Mar-03	161.18	62.96	51-69	52-67	10.23			150.95																											
	Jun-03					4.36			156.82	0.000																										
	Sep-03					7.66			153.52																											
	Nov-03					8.74			152.44	0.000																										
	Jul-04									0.020	0.016	0.004																								
	Dec-04									0.300	0.180	0.100	0.011	0.018			0.070	0.005													0.001					
	Jun-05									0.062	0.021	0.009	0.001	0.005			2.000																			
	Oct-05									0.042	0.030	0.008		0.001			0.010														0.002		0.001			
	Mar-06									0.038	0.027	0.002		0.002								0.007														
	Aug-06									0.000																										
	Nov-07					7.81			153.37	0.157	0.052	0.020	0.004	0.043			0.038																			
	Apr-08					4.80			156.38	0.001		0.001																								
	Feb-00					12.59			149.15	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	0.000																										
	Jul-01					9.49			152.25	0.000																										
	Nov-01					11.87			149.87	0.010				0.005			0.003												0.002							
	May-02					11.99			149.75	0.000																										
	Aug-02					11.67			150.07																											
	Nov-02					8.89			152.85	0.005	0.002			0.002			0.001																			
GZ7R	Mar-03	161.74	95.60	81-97	82-97	11.87			149.87																											
	Jun-03					7.32			154.42	0.004	0.002			0.002			0.001																			
	Sep-03					8.52			153.22																											
	Nov-03					7.52			154.22	0.006	0.002			0.002			0.002																			
	Jul-04									0.000																										
	Dec-04									0.017	0.011	0.004					0.002																			
	Jun-05									0.038	0.020	0.010		0.003			0.005																			
	Oct-05									0.139	0.020	0.040		0.006			0.063								0.064									0.003		
	Mar-06									0.000																										
	Aug-06									0.289	0.130	0.020					0.080																			
	Mar-07					16.19			145.55	0.075	0.048	0.011		0.006		0.001	0.011								0.001											
	Nov-07					10.14			151.60	0.830	0.410	0.090		0.140			0.170								0.018											
	Apr-01					3.34			152.01	7.707	4.800	2.400		0.017		0.250	0.240																			
	Jul-01					3.90			151.45																											
	May-02					3.45			151.90	12.470	7.200	3.900	0.440			0.480	0.470																			
	Aug-02					4.94			150.41																											
	Nov-02					3.64			151.71	11.020	6.300	3.600	0.300			0.410	0.410																			
	Jun-03					3.23			152.12	2.594	0.780	1.200	0.210	0.017		0.330	0.130														0.017					
	Sep-03					3.81			151.54																											
	Nov-03					3.68			151.67	2.829	0.740	1.300	0.260	0.019		0.330	0.210																			
GZ14M	Jul-04	155.35	75.00		68-75					15.779	8.700	5.400	0.580			0.580	0.590																			
	Dec-04									13.830	7.700	4.600	0.480			0.650	0.510																			
	Jun-05									20.140	13.000	5.500	0.560			0.540	0.540																			
	Oct-05									15.670	9.400	4.900	0.460			0.480	0.500																			
	Mar-06									18.330	11.000	5.500	0.630			0.600	0.600																			
	Aug-06									18.280	11.000	5.500	0.579			0.580	0.610																			
	Mar-07					3.83			151.52	18.970	12.000	5.300	0.580			0.580	0.530																			
	Nov-07					4.28			151.07	19.270	9.900	3.300	0.300			2.470	0.300																			
	Apr-08					3.38			151.97																											
	[illegible]					[illegible]			[illegible]																											
	[illegible]					[illegible]			[illegible]																											
	May-02					[illegible]			[illegible]																											
[illegible]	Jun-03	[illegible]				[illegible]			[illegible]																											
	Sep-03					[illegible]			[illegible]																											
	Nov-03					[illegible]			[illegible]																											
	Apr-08					[illegible]			[illegible]																											

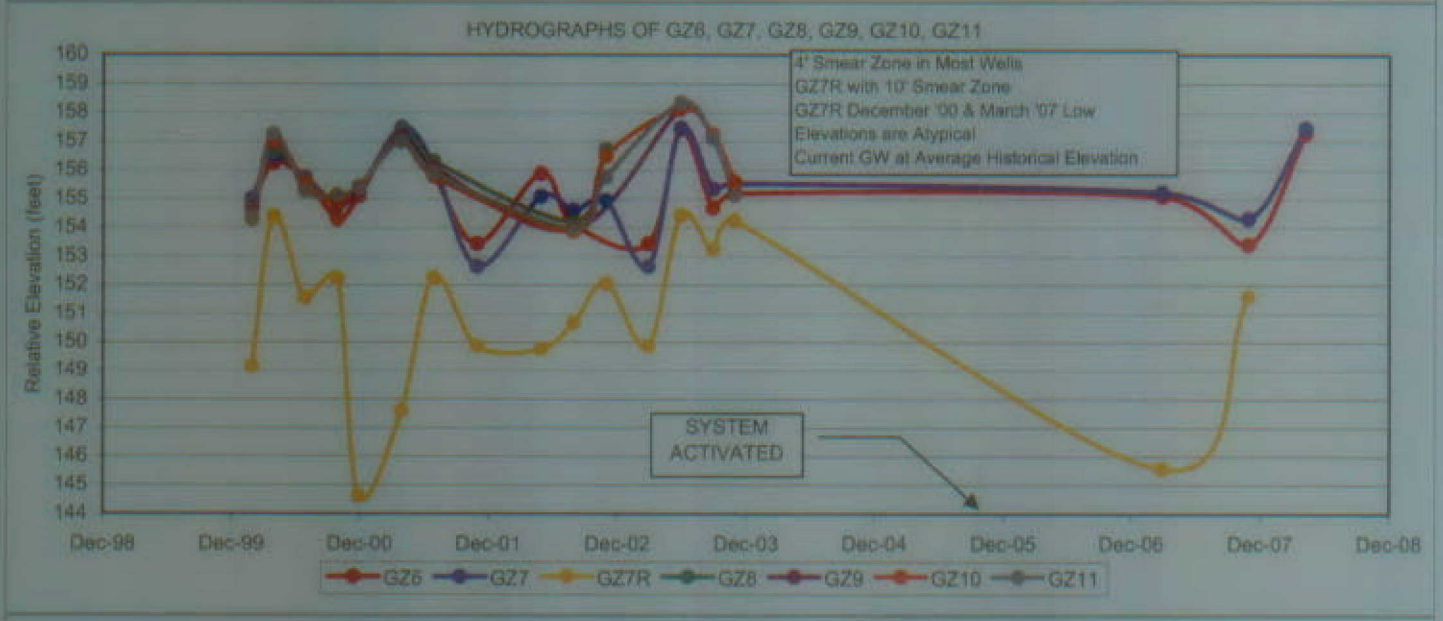
Sample Location	Date	Elevation	DTB	GRAVEL PACK	SCREEN INTRVL	DTW	LNPL DNPL	FT	GW Elev	Total VOC	PCE	TCE	11-DCE	cis-12DCE	trans-12DCE	11/12-DCA	111-TCA	MC	Chloroform	VC	Chloroethane	Freon-113	1112-PCA	14-Dioxane	Acetone	Cumene	2-Butanone	TMB	Styrene	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	TAME	Naphthalene
Well Screen/ Depths Color Coding	<15'		MCPGW1 RISK STANDARD								0.005	0.005	0.007	0.070	0.100	0.070	0.200	0.005	0.070	0.002	NA	NA	0.005	0.003	3.000	NA	NA	NA	0.100	0.005	1.000	0.700	10.000	0.070	NA	0.140
	15'-20'																																			
	20'-30'		MCPGW2 RISK STANDARD								0.050	0.030	5.000	0.100	0.090	1.000	4.000	10.000	0.050	0.002	NA	NA	0.010	6.000	50.000	NA	NA	NA	0.100	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	50.000	20.000	50.000	NA	NA	50.000	50.000	50.000	NA	NA	NA	6.000	10.000	4.000	4.000	0.500	50.000	NA	20.000
	50'-60'																																			
	>60'																																			
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

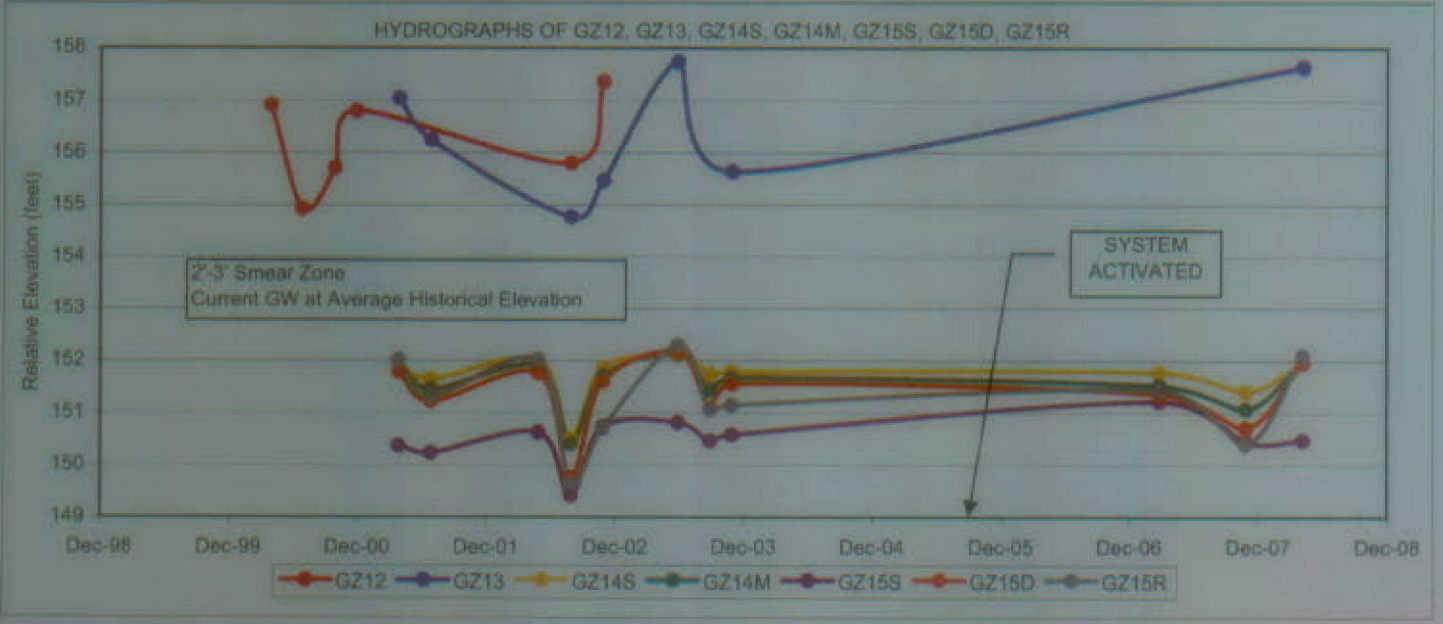
Sample Location	Date	Elev-ation	DTB	GRAVEL PACK	SCREEN INTRVL	DTW	LNPL DNPL	FT	GW Elev	Total VOC	PCE	TCE	11-DCE	cis-12DCE	trans-12DCE	11/12-DCA	111-TCA	MC	Chloro-form	VC	Chloro-ethane	Freon-113	1112-PCA	14-Dioxane	Ace-tone	Cu-mene	2-Buta-none	TMB	Sty-rene	Ben-zene	Tol-uene	Ethyl-benzene	Xy-lenes	MTBE	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	0.005	0.070	0.002	NA	NA	0.005	0.003	3.000	NA	NA	NA	0.100	0.005	1.000	0.700	10.000	0.070	NA	0.140
	10'-20'																																			
	20'-30'		MCPGW2 RISK STANDARD								0.050	0.530	0.080	0.100	3.000	1.000	4.000	10.000	0.050	0.002	NA	NA	0.010	6.000	20.000	NA	NA	NA	0.180	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	50.000	20.000	50.000	NA	NA	50.000	50.000	50.000	NA	NA	NA	6.000	10.000	4.000	4.000	0.500	50.000	NA	20.000
	50'-60'																																			
	>60'																																			
[illegible]	[illegible]									[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]																
SED1	Jun-98									2.000	0.330			1.400				0.270																		
SED1S	Dec-99									0.000																										
SED1D	Dec-99									0.000																										
SED2	Jun-98									0.000																										
SED2S	Dec-99									0.087		0.087																								
SED2D	Dec-99									1.200				1.200																						
SED3	Jun-98									8.500				7.300			1.600																			
SED3S	Dec-99									0.000																										
SED3D	Dec-99									0.000																										
SED4	Jun-98									0.890		0.280		0.500			0.060	0.070																		
SED4D	Dec-99									0.000																										
SED5	Jun-98									0.000																										
SED6	Jun-98																																			
CARWASH	May-02									0.000																										
	Apr-03									0.052									0.002																	

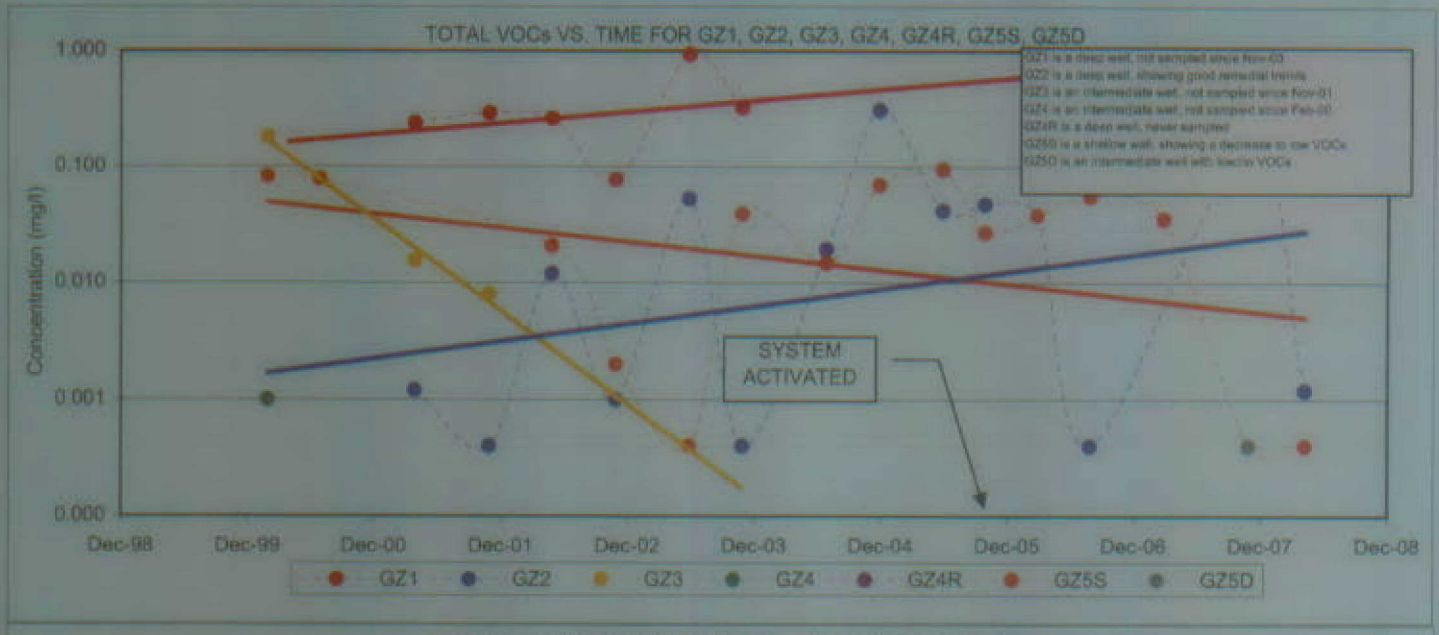
ATTACHMENT 4

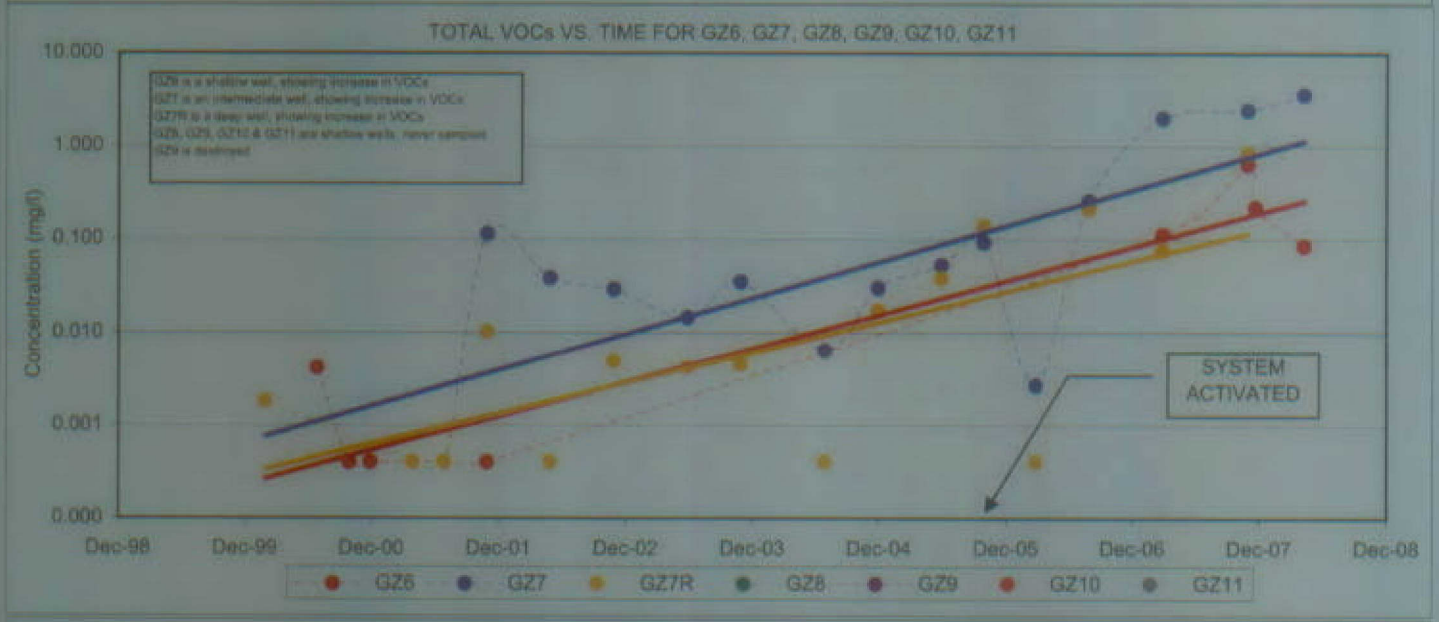
HYDROGRAPHS & VOC CONCENTRATION VS. TIME GRAPHS BY WELL NUMBER

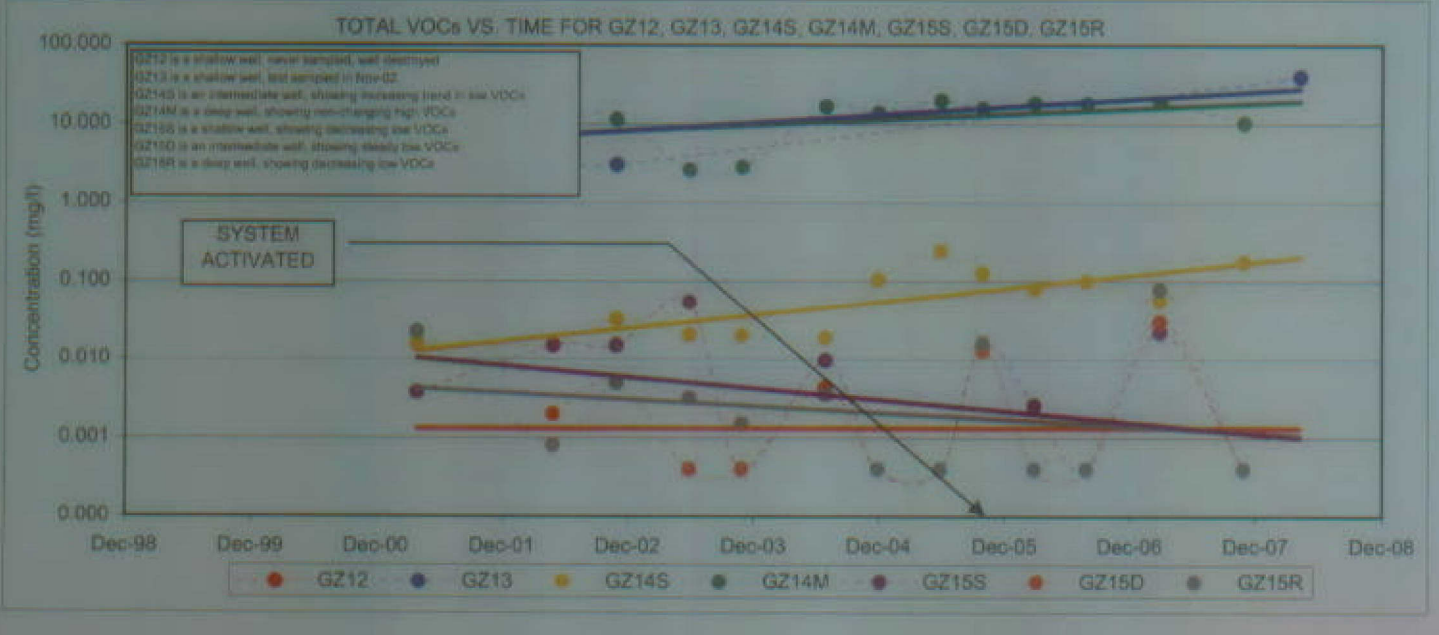

HYDROGRAPHS OF GZ1, GZ2, GZ3, GZ4, GZ4R, GZ5S, GZ5D
4' to 7' Smear Zone
Current GW at Average Historical Elevation
SYSTEM ACTIVATED
Relative Elevation (feet)
158
157
156
155
154
153
152
151
150
149
148
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Dec-08
GZ1
GZ2
GZ3
GZ4
GZ4R
GZ5S
GZ5D

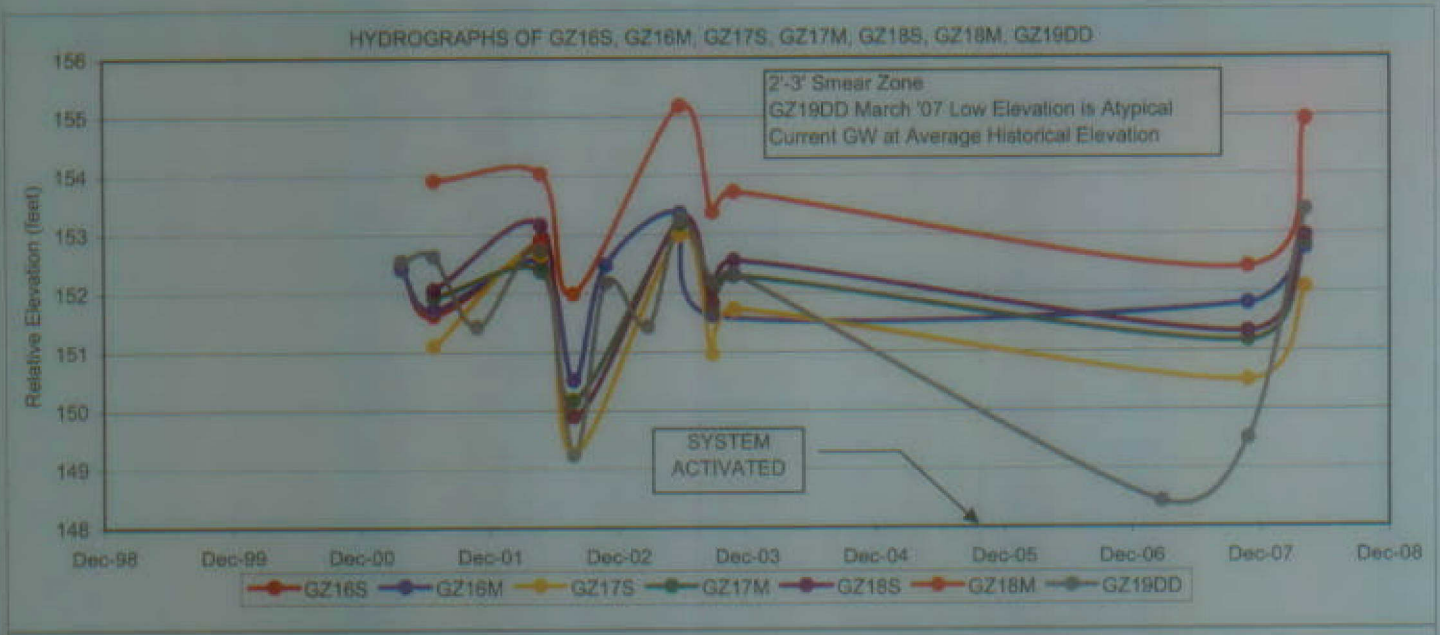

HYDROGRAPHS OF GZ6, GZ7, GZ8, GZ9, GZ10, GZ11
4' Smear Zone in Most Wells
GZ7R with 10' Smear Zone
GZ7R December '00 & March '07 Low
Elevations are Atypical
Current GW at Average Historical Elevation
SYSTEM ACTIVATED
Relative Elevation (feet)
160
159
158
157
156
155
154
153
152
151
150
149
148
147
146
145
144
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Dec-08
GZ6
GZ7
GZ7R
GZ8
GZ9
GZ10
GZ11

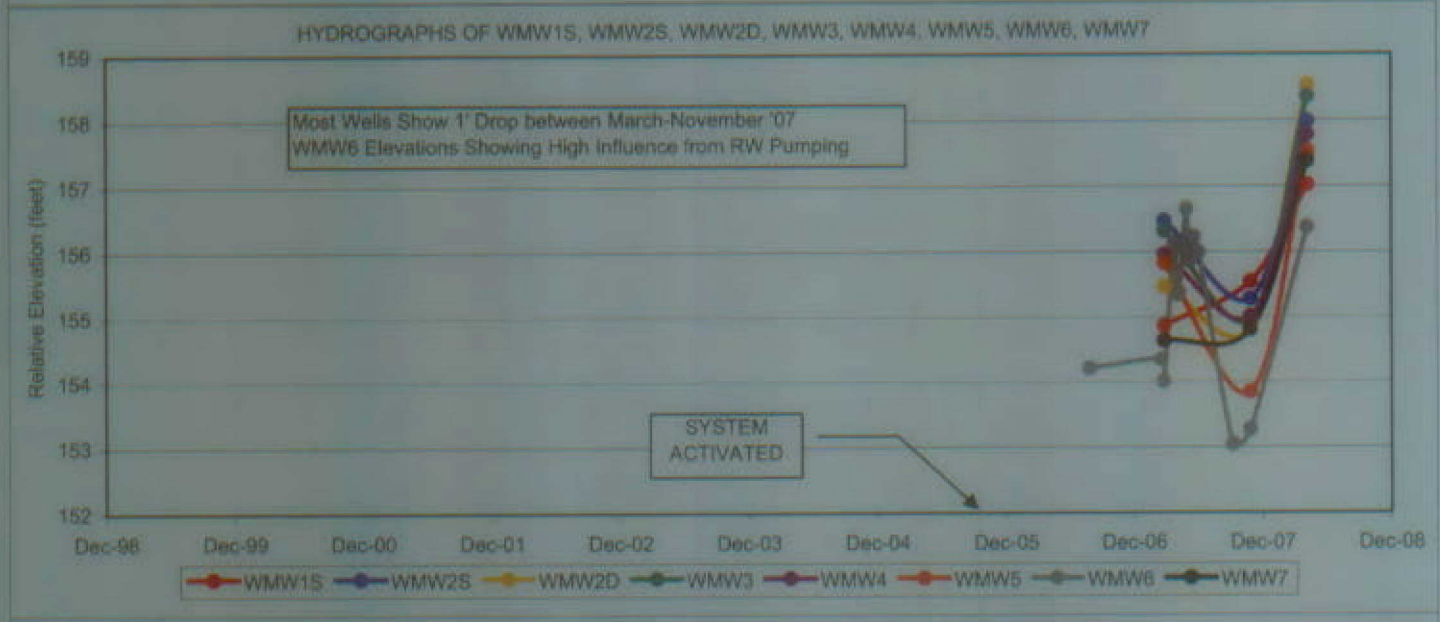

HYDROGRAPHS OF GZ12, GZ13, GZ14S, GZ14M, GZ15S, GZ15D, GZ15R
2'-3' Smear Zone
Current GW at Average Historical Elevation
SYSTEM ACTIVATED
Relative Elevation (feet)
158
157
156
155
154
153
152
151
150
149
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Dec-08
GZ12
GZ13
GZ14S
GZ14M
GZ15S
GZ15D
GZ15R

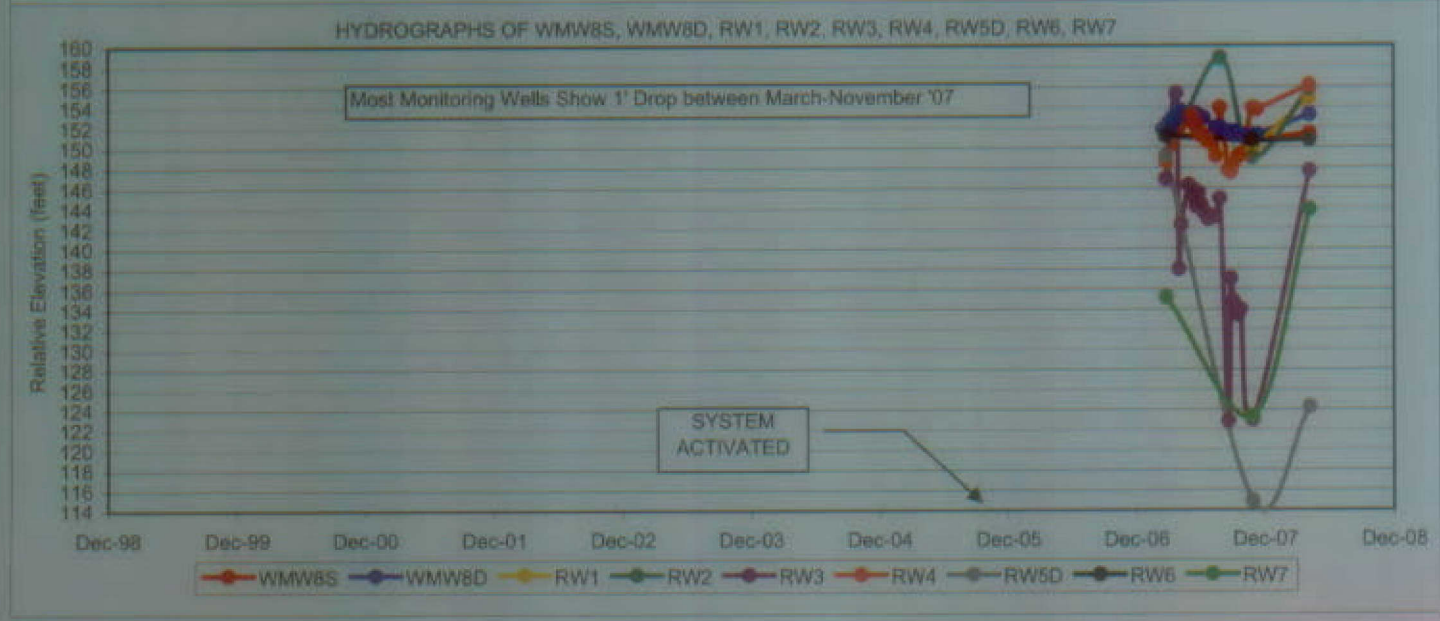

TOTAL VOCs VS. TIME FOR GZ1, GZ2, GZ3, GZ4, GZ4R, GZ5S, GZ5D
Concentration (mg/l)
1.000
0.100
0.010
0.001
0.000
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Dec-08
SYSTEM ACTIVATED
GZ1
GZ2
GZ3
GZ4
GZ4R
GZ5S
GZ5D

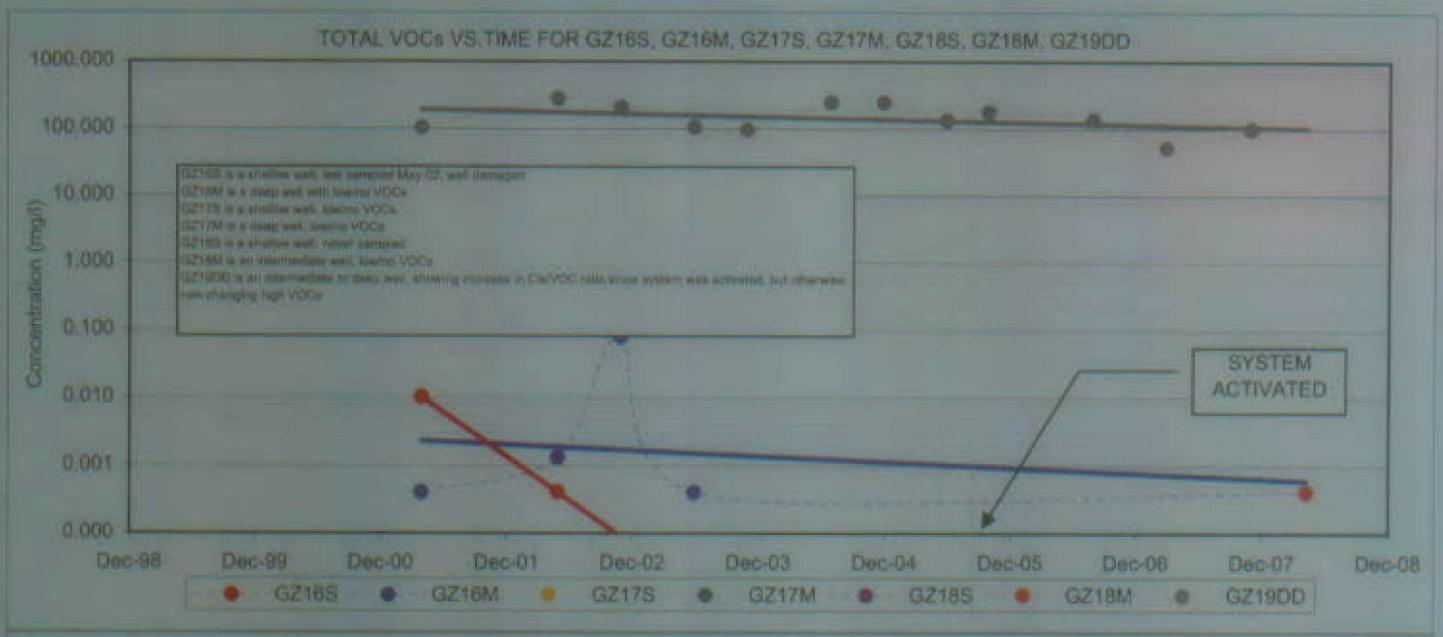

TOTAL VOCs VS. TIME FOR GZ6, GZ7, GZ8, GZ9, GZ10, GZ11
Concentration (mg/l)
10.000
1.000
0.100
0.010
0.001
0.000
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Dec-08
SYSTEM ACTIVATED
GZ6
GZ7
GZ7R
GZ8
GZ9
GZ10
GZ11

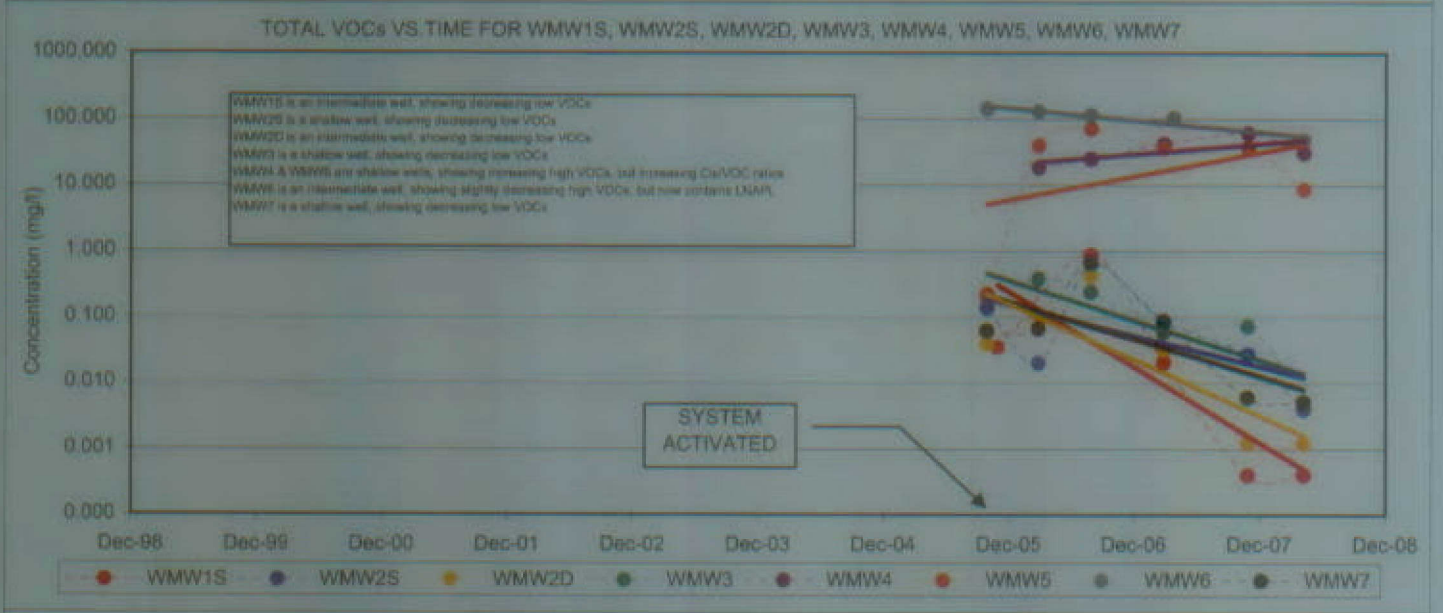

TOTAL VOCs VS. TIME FOR GZ12, GZ13, GZ14S, GZ14M, GZ15S, GZ15D, GZ15R
Concentration (mg/l)
100.000
10.000
1.000
0.100
0.010
0.001
0.000
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Dec-08
SYSTEM ACTIVATED
GZ12
GZ13
GZ14S
GZ14M
GZ15S
GZ15D
GZ15R

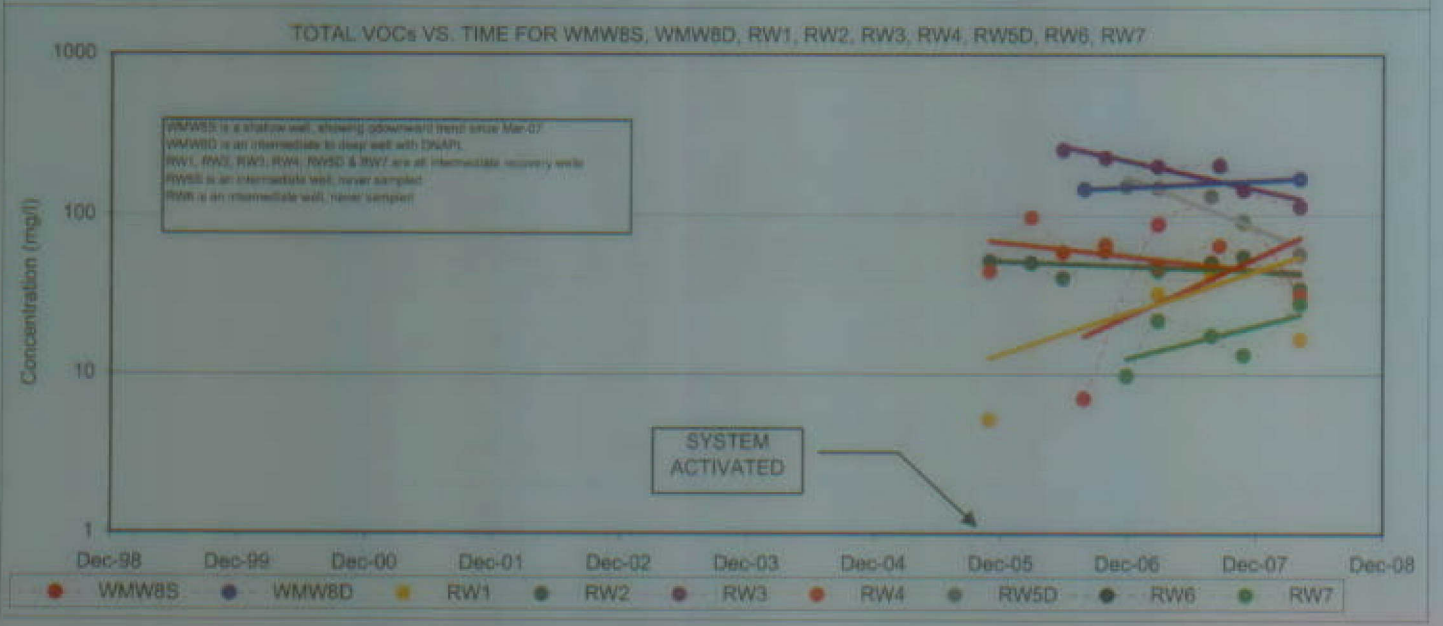

HYDROGRAPHS OF GZ16S, GZ16M, GZ17S, GZ17M, GZ18S, GZ18M, GZ19DD
2'-3' Smear Zone
GZ19DD March '07 Low Elevation is Atypical
Current GW at Average Historical Elevation
SYSTEM ACTIVATED
Relative Elevation (feet)
156
155
154
153
152
151
150
149
148
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Dec-08
GZ16S
GZ16M
GZ17S
GZ17M
GZ18S
GZ18M
GZ19DD

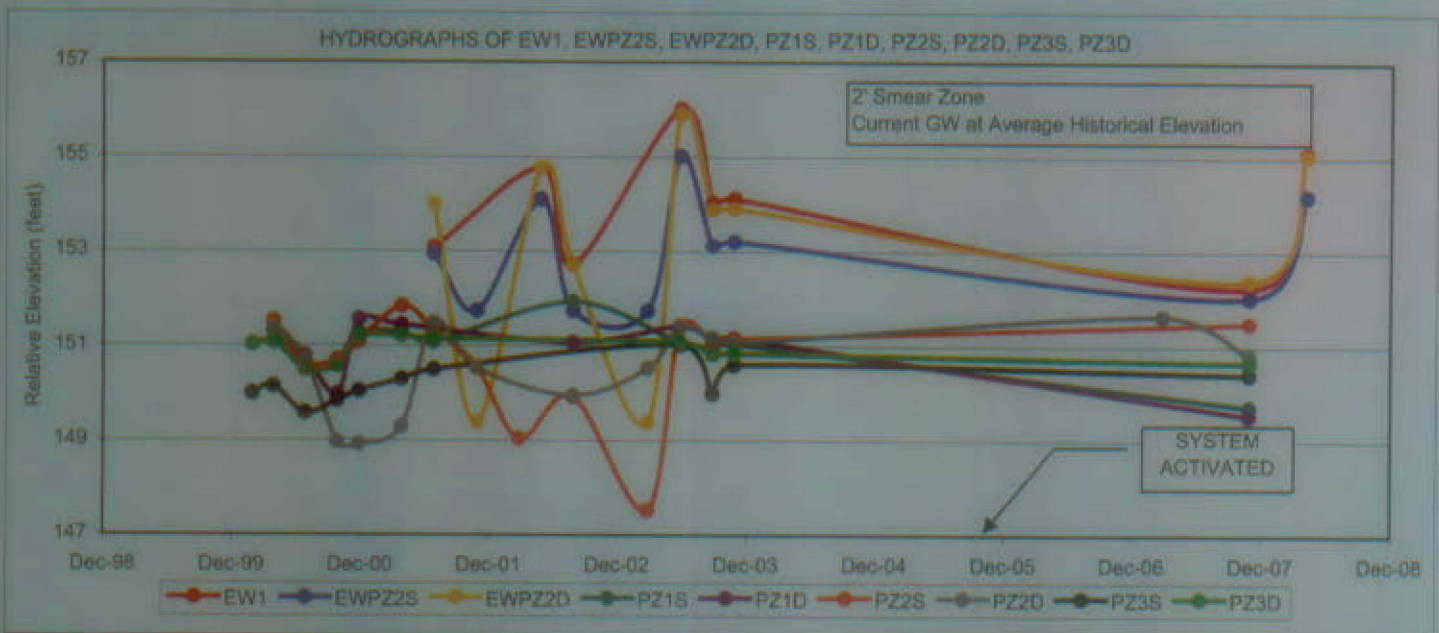

HYDROGRAPHS OF WMW1S, WMW2S, WMW2D, WMW3, WMW4, WMW5, WMW6, WMW7
Most Wells Show 1' Drop between March-November '07
WMW6 Elevations Showing High Influence from RW Pumping
SYSTEM ACTIVATED
Relative Elevation (feet)
159
158
157
156
155
154
153
152
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Dec-08
WMW1S
WMW2S
WMW2D
WMW3
WMW4
WMW5
WMW6
WMW7

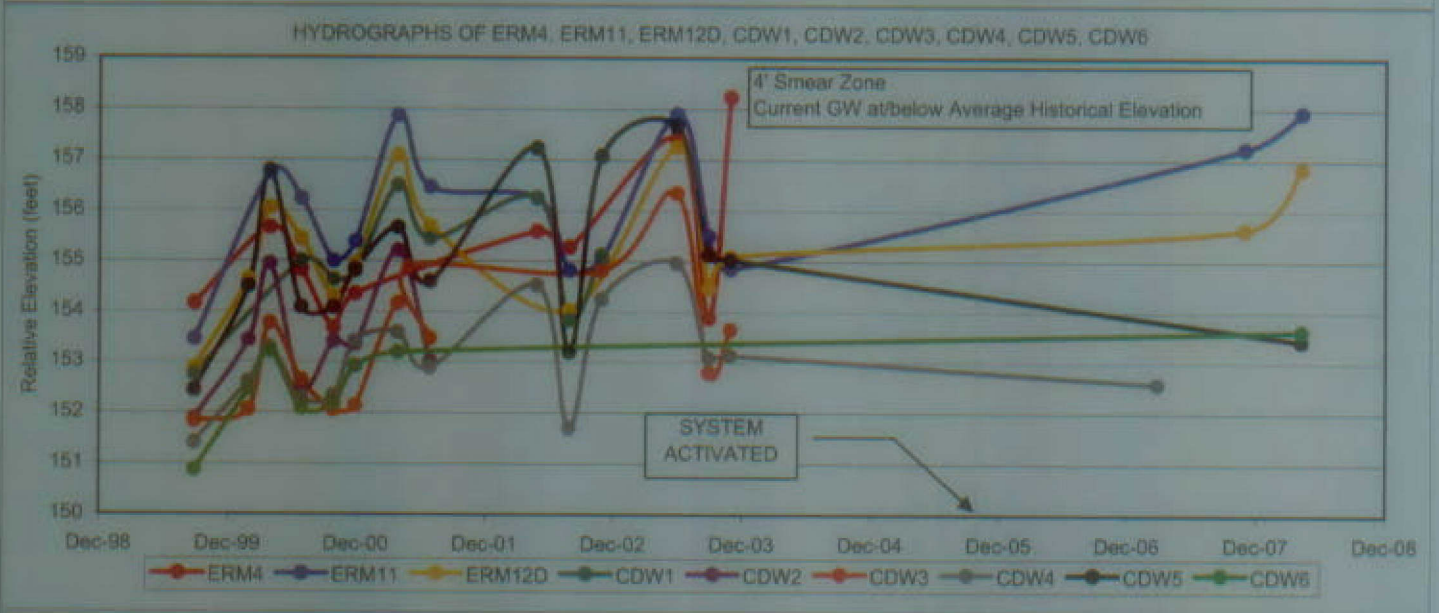

HYDROGRAPHS OF WMW8S, WMW8D, RW1, RW2, RW3, RW4, RW5D, RW6, RW7
Most Monitoring Wells Show 1' Drop between March-November '07
SYSTEM ACTIVATED
Relative Elevation (feet)
160
158
156
154
152
150
148
146
144
142
140
138
136
134
132
130
128
126
124
122
120
118
116
114
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Dec-08
WMW8S
WMW8D
RW1
RW2
RW3
RW4
RW5D
RW6
RW7

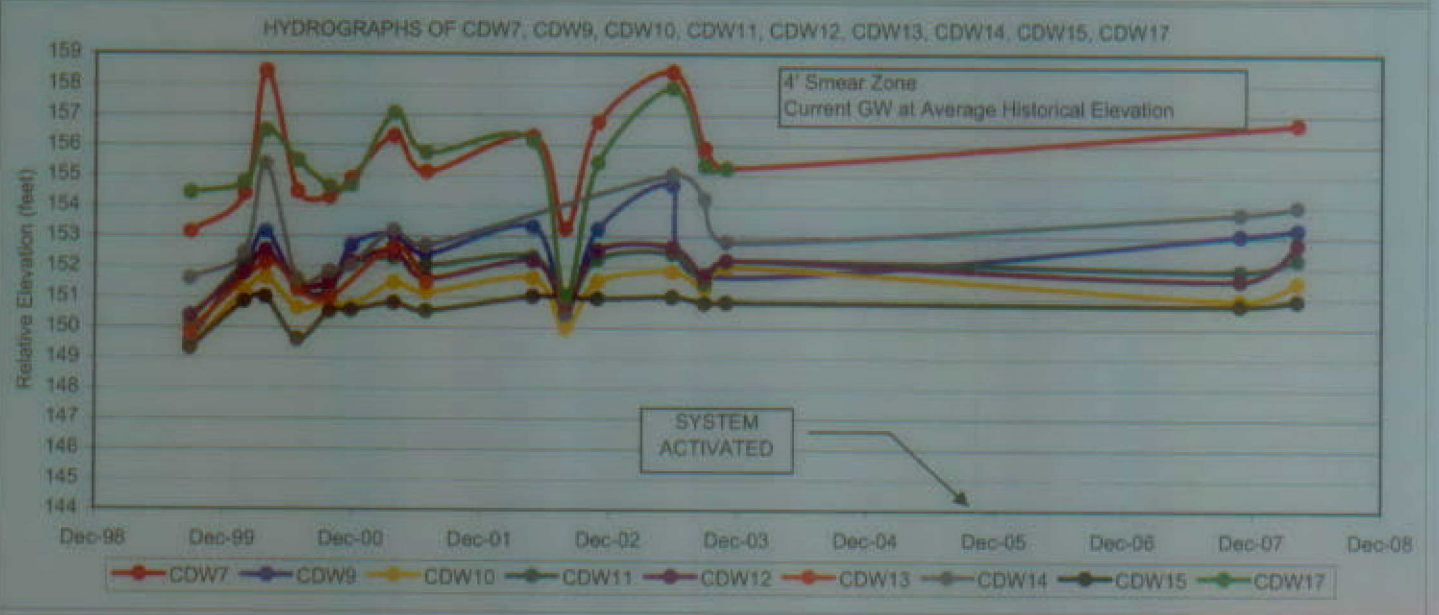

TOTAL VOCs VS.TIME FOR GZ16S, GZ16M, GZ17S, GZ17M, GZ18S, GZ18M, GZ19DD
Concentration (mg/l)
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
0.000
GZ16S is a shallow well, was removed May-02, well damaged
GZ16M is a deep well with low/no VOCs
GZ17S is a shallow well, low/no VOCs
GZ17M is a deep well, low/no VOCs
GZ18S is a shallow well, never sampled
GZ18M is an intermediate well, low/no VOCs
GZ19DD is an intermediate to deep well, showing increase in Cis/VOC ratio since system was activated, but otherwise non-changing high VOCs
SYSTEM ACTIVATED
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Dec-08
GZ16S
GZ16M
GZ17S
GZ17M
GZ18S
GZ18M
GZ19DD

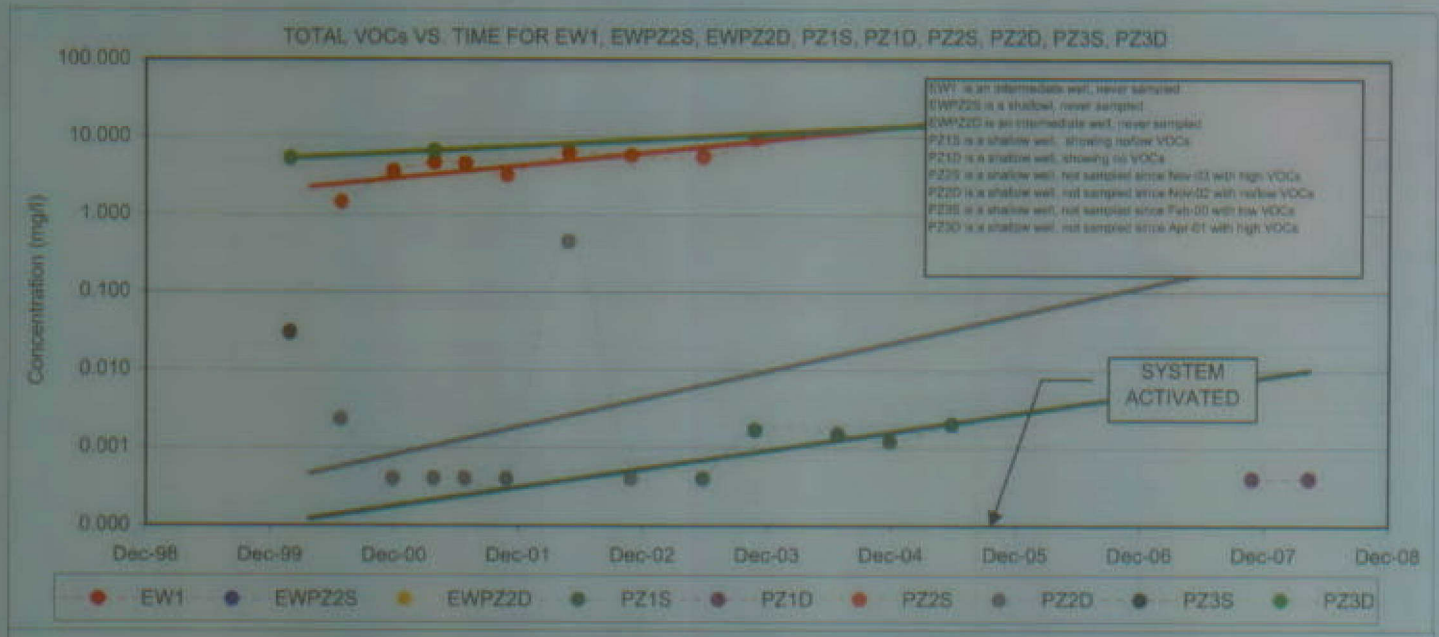

TOTAL VOCs VS.TIME FOR WMW1S, WMW2S, WMW2D, WMW3, WMW4, WMW5, WMW6, WMW7
Concentration (mg/l)
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
0.000
WMW1S is an intermediate well, showing decreasing low VOCs
WMW2S is a shallow well, showing decreasing low VOCs
WMW2D is an intermediate well, showing decreasing low VOCs
WMW3 is a shallow well, showing decreasing low VOCs
WMW4 & WMW5 are shallow wells, showing increasing high VOCs, but increasing Cis/VOC ratios
WMW6 is an intermediate well, showing slightly decreasing high VOCs, but now contains DNAPL
WMW7 is a shallow well, showing decreasing low VOCs
SYSTEM ACTIVATED
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Dec-08
WMW1S
WMW2S
WMW2D
WMW3
WMW4
WMW5
WMW6
WMW7

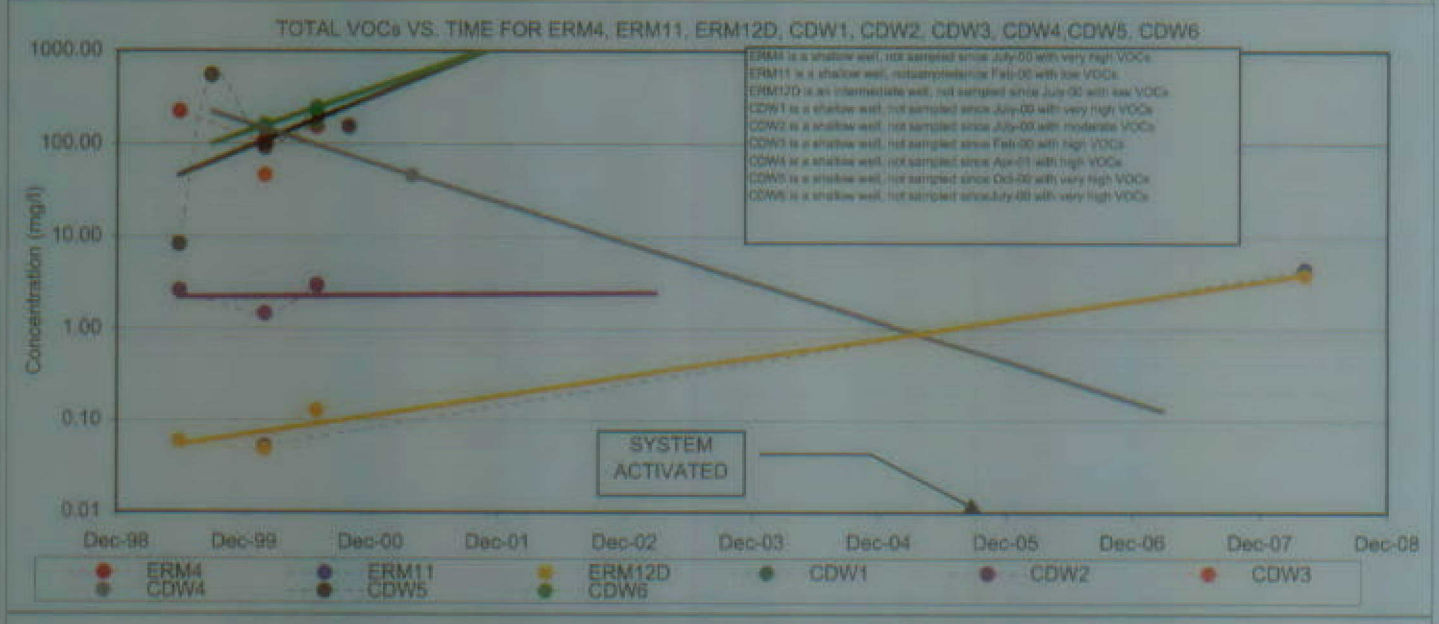

TOTAL VOCs VS. TIME FOR WMW8S, WMW8D, RW1, RW2, RW3, RW4, RW5D, RW6, RW7
Concentration (mg/l)
1000
100
10
1
WMW8S is a shallow well, showing odd/weird trend since Mar-07
WMW8D is an intermediate to deep well with DNAPL
RW1, RW2, RW3, RW4, RW5D & RW7 are all intermediate recovery wells
RW6S is an intermediate well, never sampled
RW8 is an intermediate well, never sampled
SYSTEM ACTIVATED
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Dec-08
WMW8S
WMW8D
RW1
RW2
RW3
RW4
RW5D
RW6
RW7

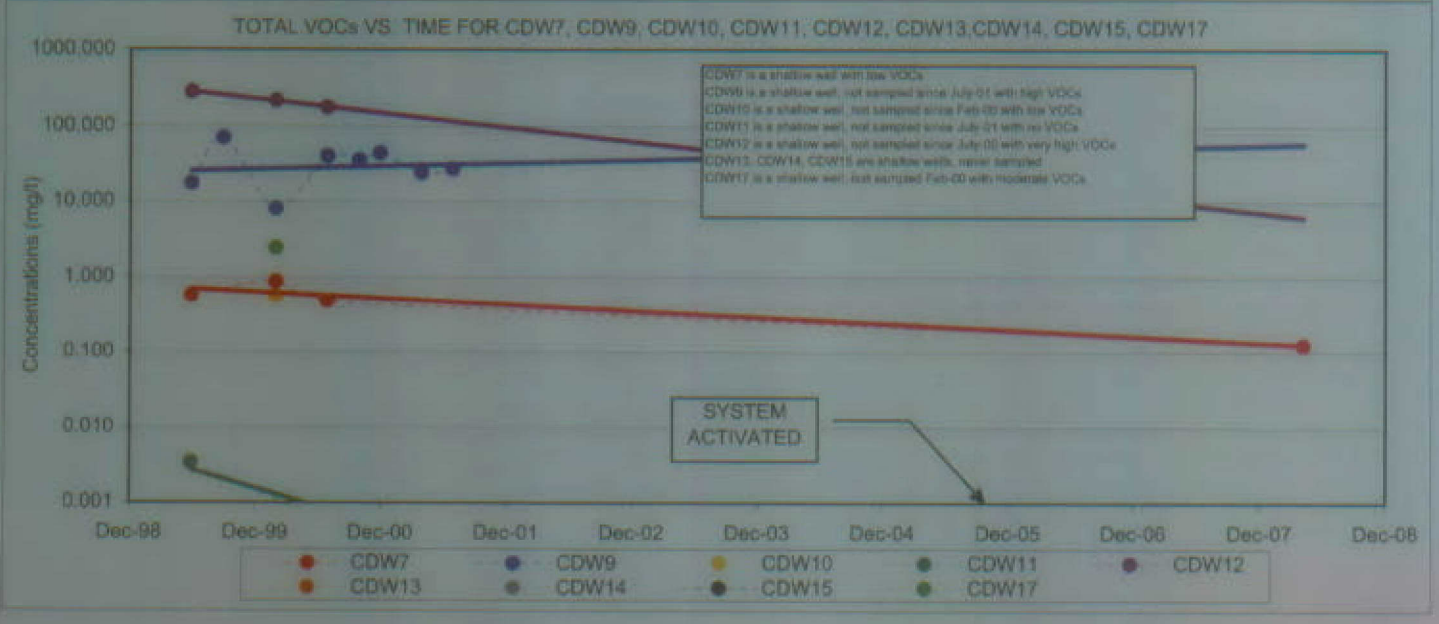

HYDROGRAPHS OF EW1, EWPZ2S, EWPZ2D, PZ1S, PZ1D, PZ2S, PZ2D, PZ3S, PZ3D
2' Smear Zone
Current GW at Average Historical Elevation
SYSTEM ACTIVATED
Relative Elevation (feet)
157
155
153
151
149
147
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Dec-08
EW1
EWPZ2S
EWPZ2D
PZ1S
PZ1D
PZ2S
PZ2D
PZ3S
PZ3D

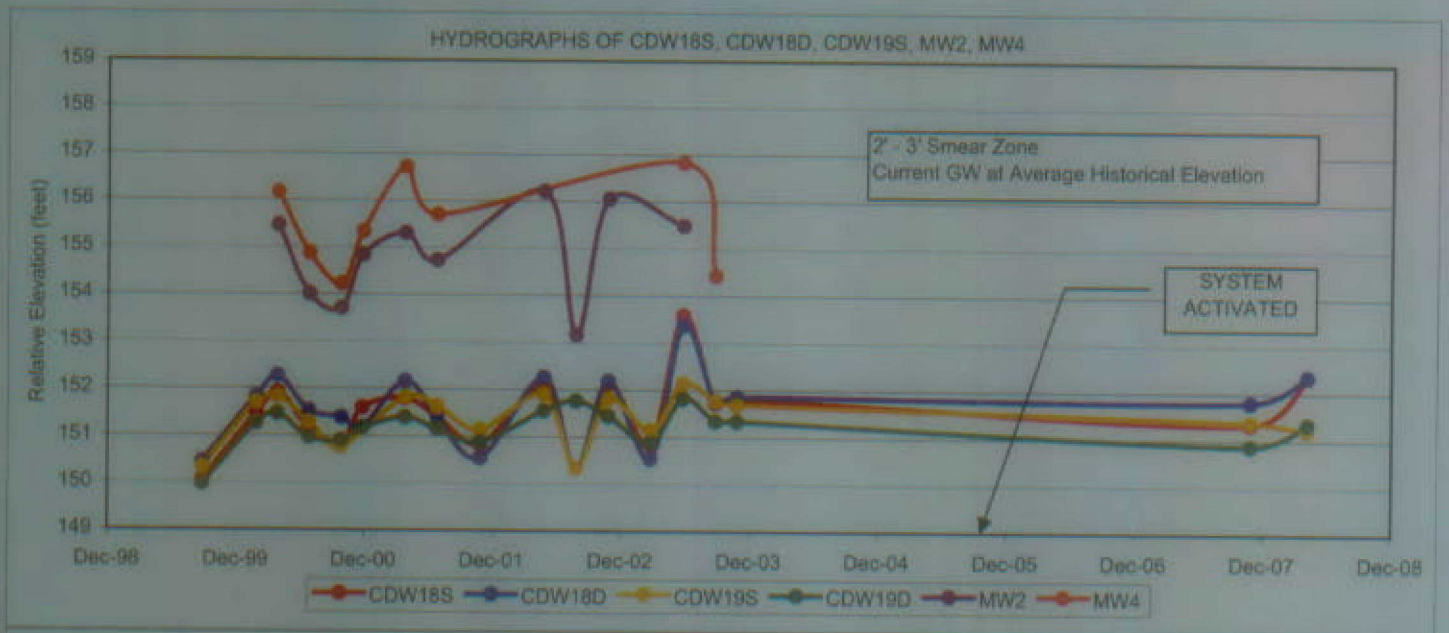

HYDROGRAPHS OF ERM4, ERM11, ERM12D, CDW1, CDW2, CDW3, CDW4, CDW5, CDW6
4' Smear Zone
Current GW at/below Average Historical Elevation
SYSTEM ACTIVATED
Relative Elevation (feet)
159
158
157
156
155
154
153
152
151
150
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Dec-08
ERM4
ERM11
ERM12D
CDW1
CDW2
CDW3
CDW4
CDW5
CDW6

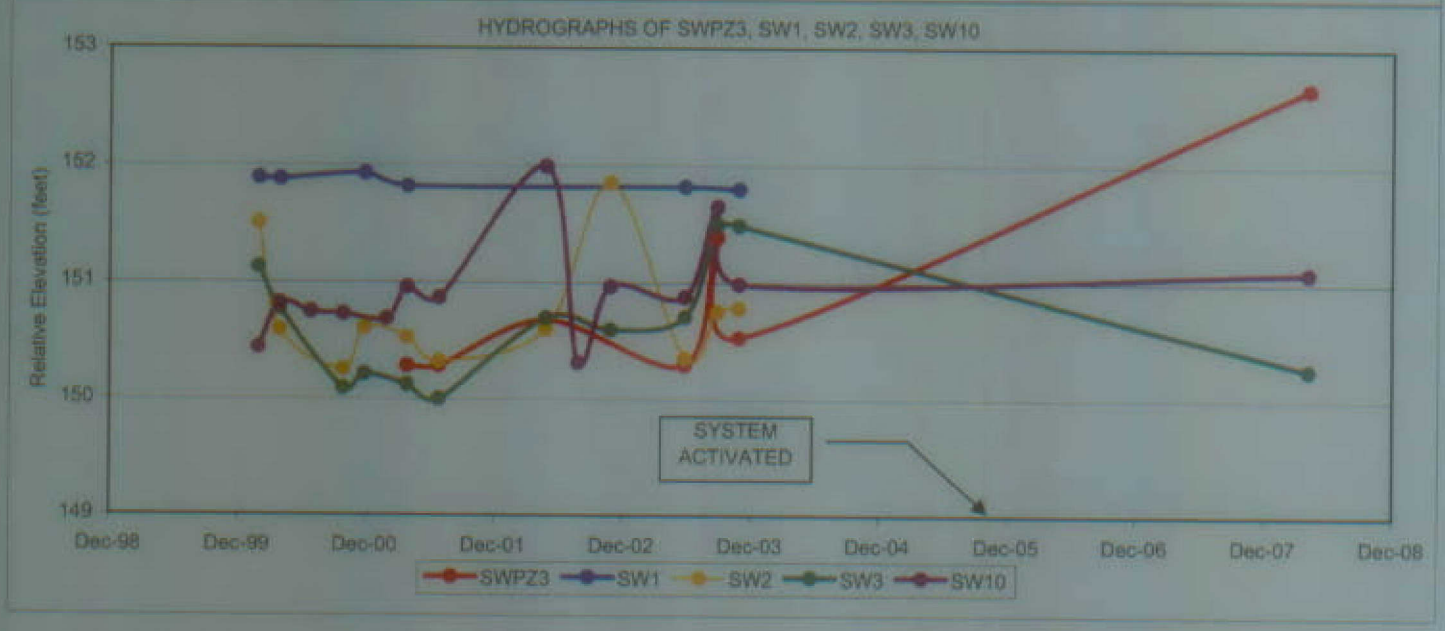

HYDROGRAPHS OF CDW7, CDW9, CDW10, CDW11, CDW12, CDW13, CDW14, CDW15, CDW17
4' Smear Zone
Current GW at Average Historical Elevation
SYSTEM ACTIVATED
Relative Elevation (feet)
159
158
157
156
155
154
153
152
151
150
149
148
147
146
145
144
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Dec-08
CDW7
CDW9
CDW10
CDW11
CDW12
CDW13
CDW14
CDW15
CDW17

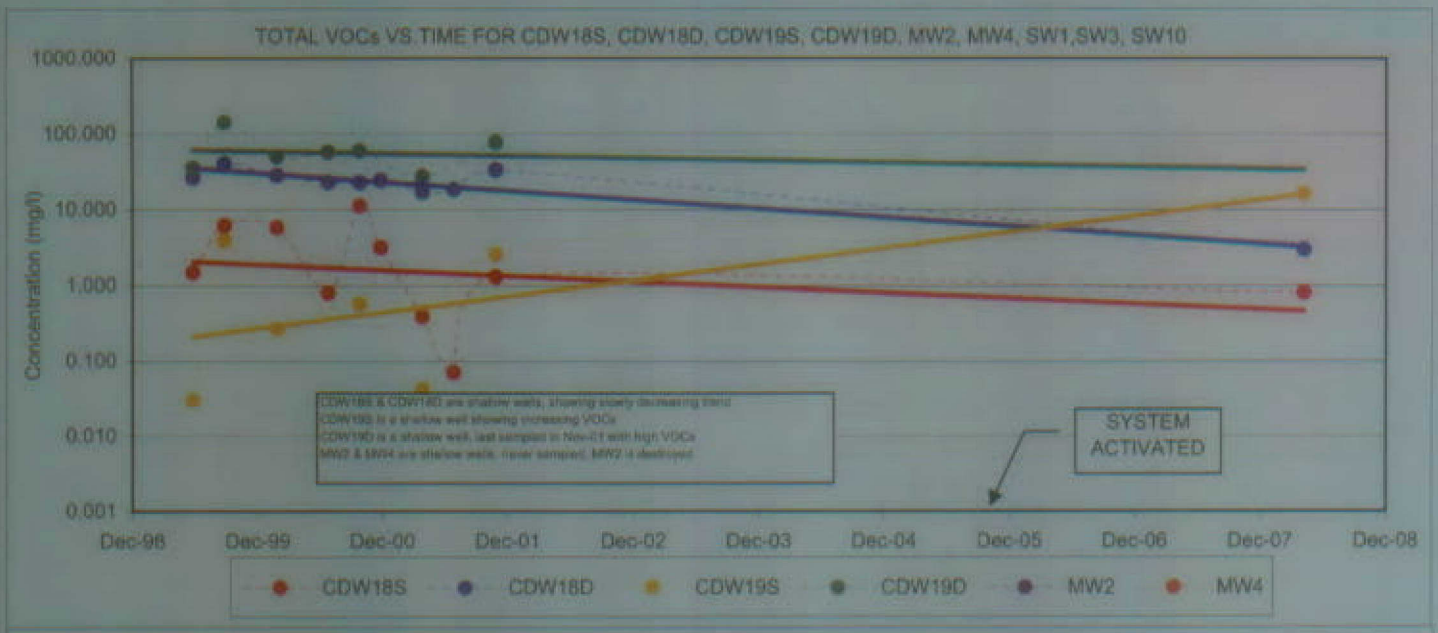

TOTAL VOCs VS. TIME FOR EW1, EWPZ2S, EWPZ2D, PZ1S, PZ1D, PZ2S, PZ2D, PZ3S, PZ3D
Concentration (mg/l)
100.000
10.000
1.000
0.100
0.010
0.001
0.000
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Dec-08
SYSTEM ACTIVATED
EW1
EWPZ2S
EWPZ2D
PZ1S
PZ1D
PZ2S
PZ2D
PZ3S
PZ3D

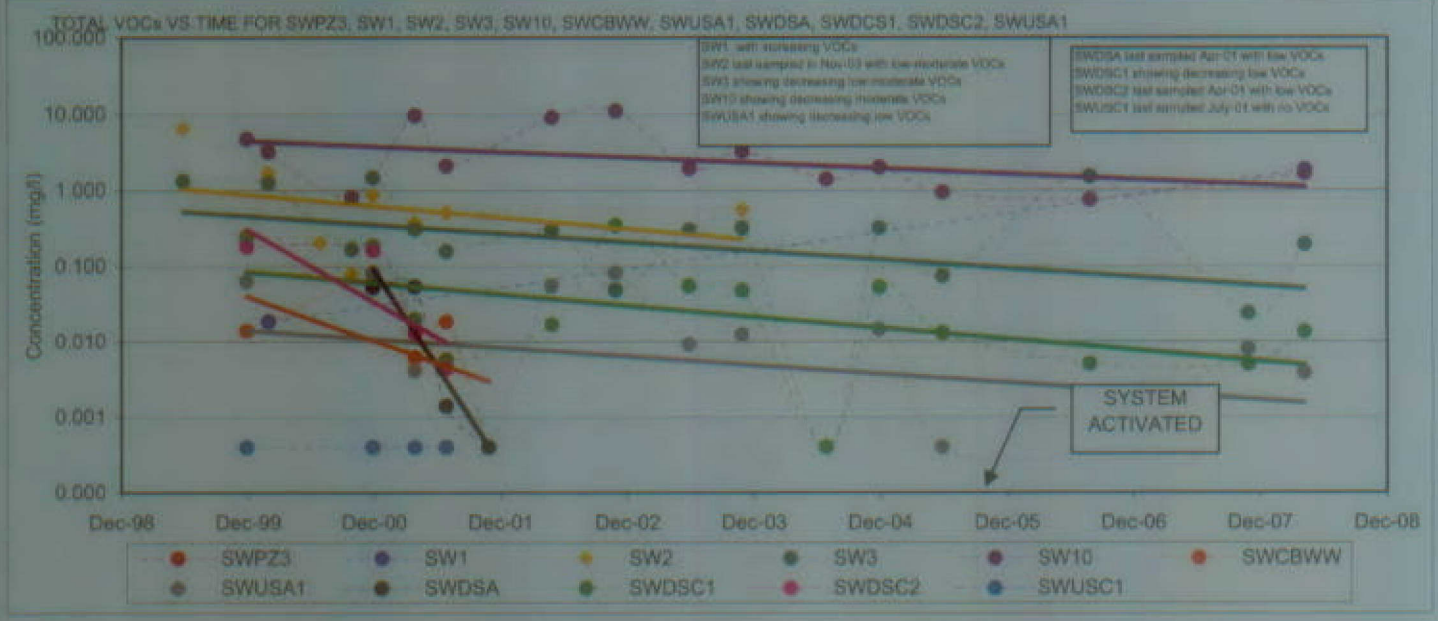

TOTAL VOCs VS. TIME FOR ERM4, ERM11, ERM12D, CDW1, CDW2, CDW3, CDW4,CDW5, CDW6
Concentration (mg/l)
1000.00
100.00
10.00
1.00
0.10
0.01
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Dec-08
SYSTEM ACTIVATED
ERM4
ERM11
ERM12D
CDW1
CDW2
CDW3
CDW4
CDW5
CDW6


TOTAL VOCs VS. TIME FOR CDW7, CDW9, CDW10, CDW11, CDW12, CDW13,CDW14, CDW15, CDW17
Concentrations (mg/l)
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Dec-08
SYSTEM ACTIVATED
CDW7
CDW9
CDW10
CDW11
CDW12
CDW13
CDW14
CDW15
CDW17


HYDROGRAPHS OF CDW18S, CDW18D, CDW19S, MW2, MW4
Relative Elevation (feet)
159
158
157
156
155
154
153
152
151
150
149
2' - 3' Smear Zone
Current GW at Average Historical Elevation
SYSTEM ACTIVATED
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Dec-08
CDW18S
CDW18D
CDW19S
CDW19D
MW2
MW4


HYDROGRAPHS OF SWPZ3, SW1, SW2, SW3, SW10
Relative Elevation (feet)
153
152
151
150
149
SYSTEM ACTIVATED
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Dec-08
SWPZ3
SW1
SW2
SW3
SW10


TOTAL VOCs VS TIME FOR CDW18S, CDW18D, CDW19S, CDW19D, MW2, MW4, SW1,SW3, SW10
1000.000
100.000
10.000
1.000
0.100
0.010
0.001
Concentration (mg/l)
CDW18S & CDW18D are shallow wells, showing slowly decreasing trend
CDW19S is a shallow well showing increasing VOCs
CDW19D is a shallow well, last sampled in Nov-01 with high VOCs
MW2 & MW4 are shallow wells, never sampled, MW2 is destroyed
SYSTEM ACTIVATED
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Dec-08
CDW18S
CDW18D
CDW19S
CDW19D
MW2
MW4


TOTAL VOCs VS TIME FOR SWPZ3, SW1, SW2, SW3, SW10, SWCBWW, SWUSA1, SWDSA, SWDCS1, SWDSC2, SWUSA1
100.000
10.000
1.000
0.100
0.010
0.001
0.000
Concentration (mg/l)
SW1 with increasing VOCs
SW2 last sampled in Nov-03 with low-moderate VOCs
SW3 showing decreasing low-moderate VOCs
SW10 showing decreasing moderate VOCs
SWUSA1 showing decreasing low VOCs
SWDSA last sampled Apr-01 with low VOCs
SWDSC1 showing decreasing low VOCs
SWDSC2 last sampled Apr-01 with low VOCs
SWUSC1 last sampled July-01 with no VOCs
SYSTEM ACTIVATED
Dec-98
Dec-99
Dec-00
Dec-01
Dec-02
Dec-03
Dec-04
Dec-05
Dec-06
Dec-07
Dec-08
SWPZ3
SW1
SW2
SW3
SW10
SWCBWW
SWUSA1
SWDSA
SWDSC1
SWDSC2
SWUSC1

ATTACHMENT 5

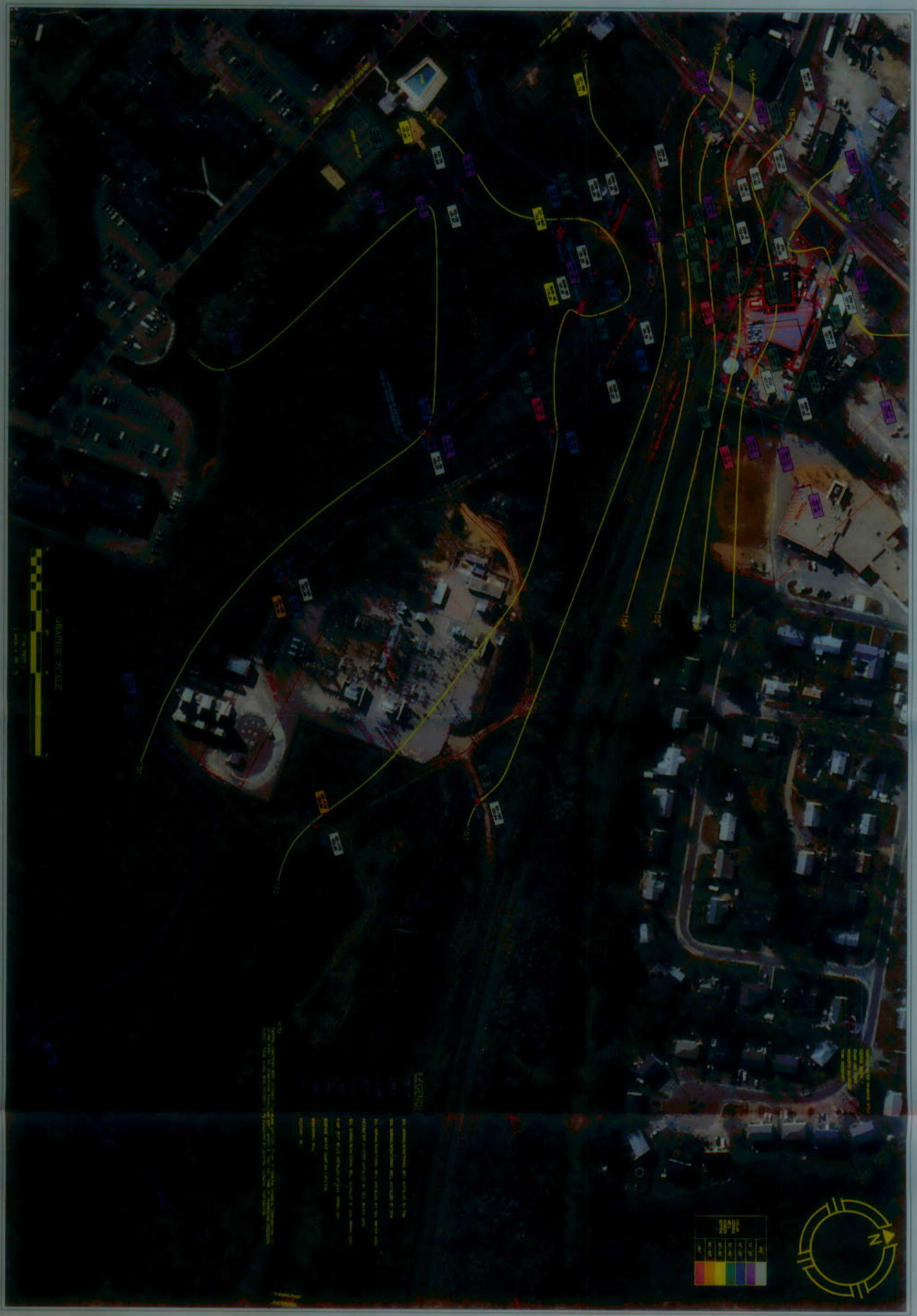
CONTOURED GROUNDWATER ELEVATIONS MAP, VOC DISTRIBUTION MAP & GEOLOGIC CROSS-SECTIONS

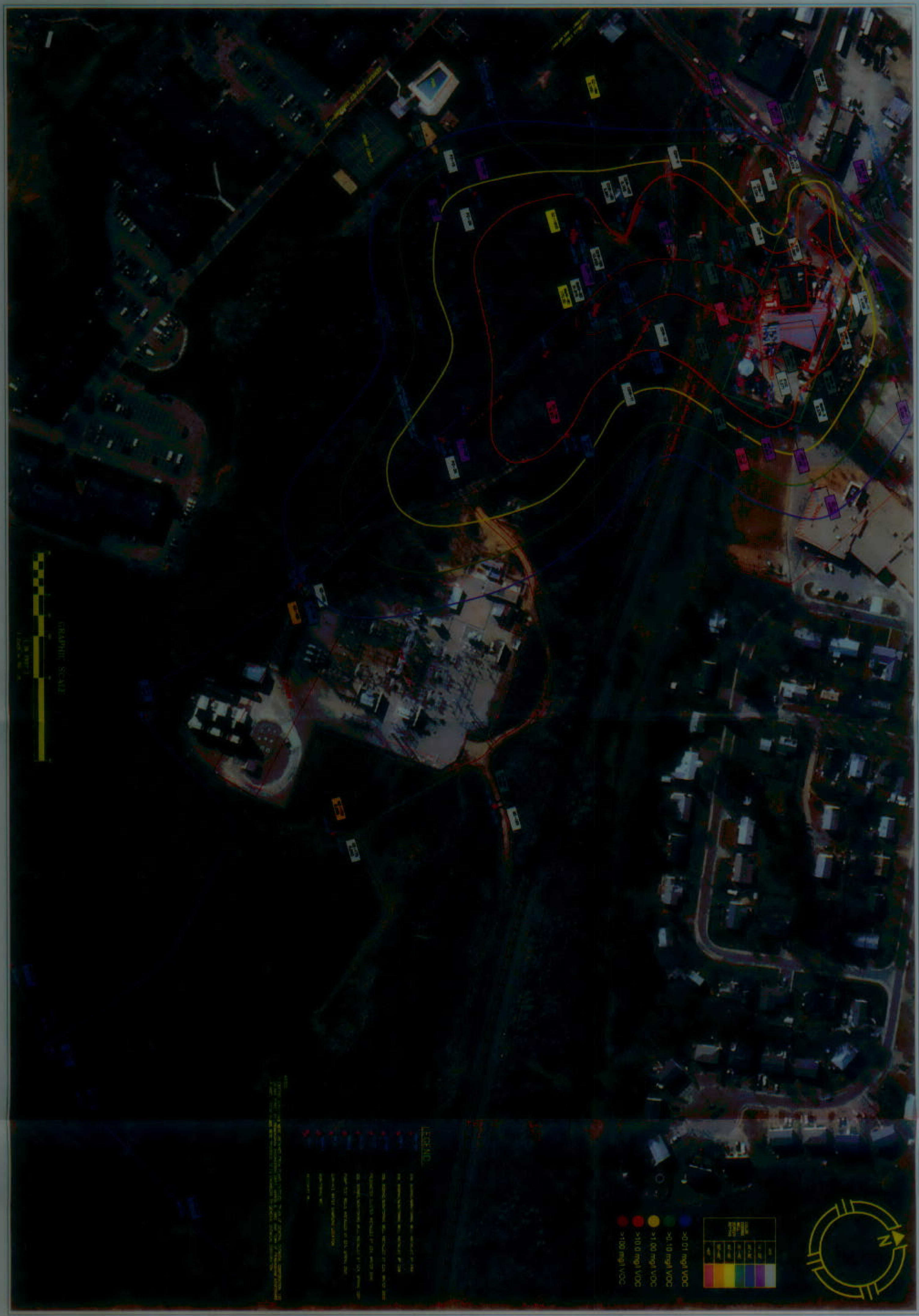
C2

SITE PLAN WITH AREA SOIL GW ELEVATIONS

8-1295

GENERAL CHEMICAL CORPORATION
133-138 LELAND STREET
FRAMINGHAM, MA 01702


GENERAL CHEMICAL CORPORATION
133-138 LELAND STREET
FRAMINGHAM, MA 01702
C3
B-1295



C4

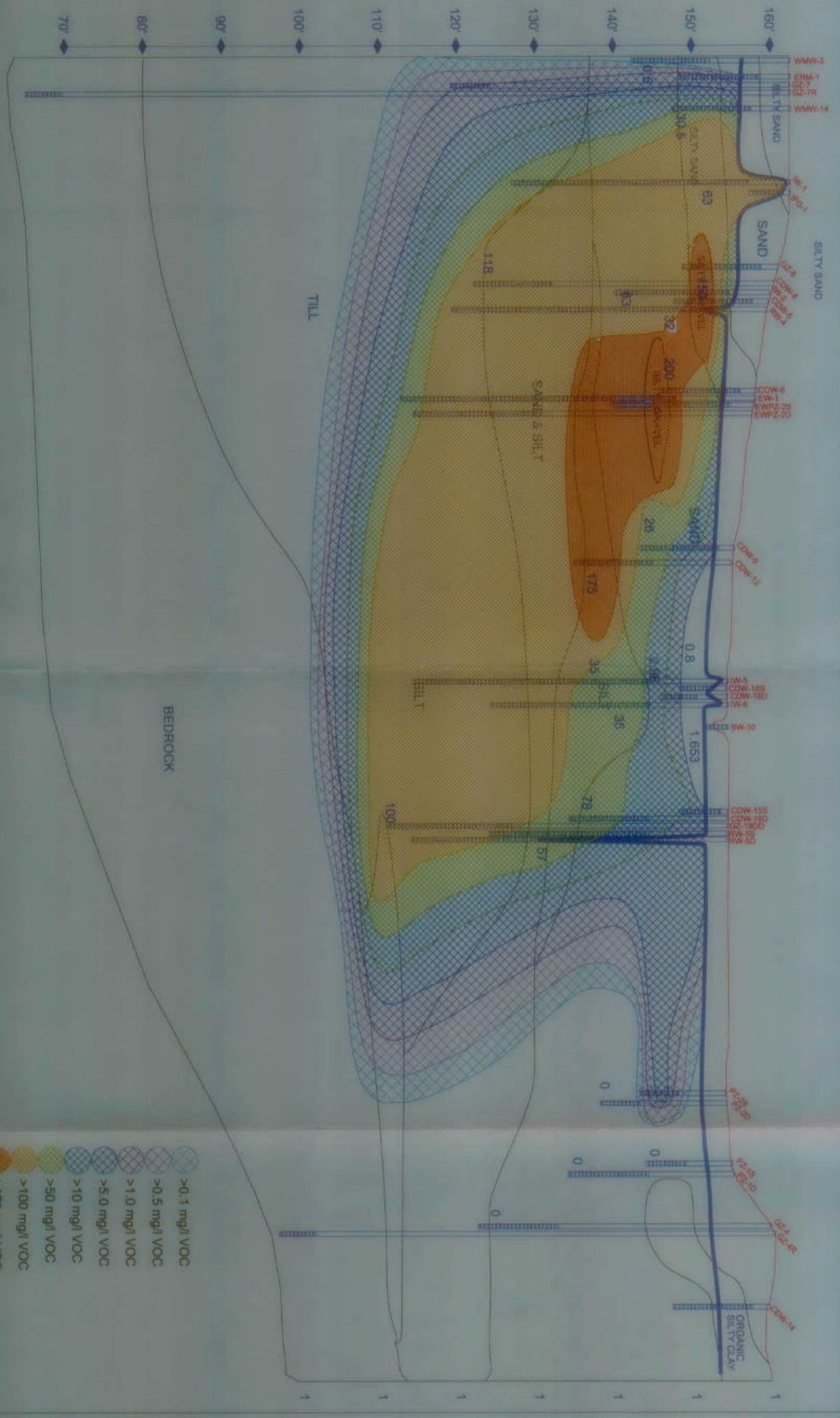
C2 COORDINATE DISTRIBUTION MAP

8-1295

GENERAL CHEMICAL CORPORATION
133-138 LELAND STREET
FRAMINGHAM, MA 01702

F S ENGINEERS

1/1



C5

CROSS SECTION 1

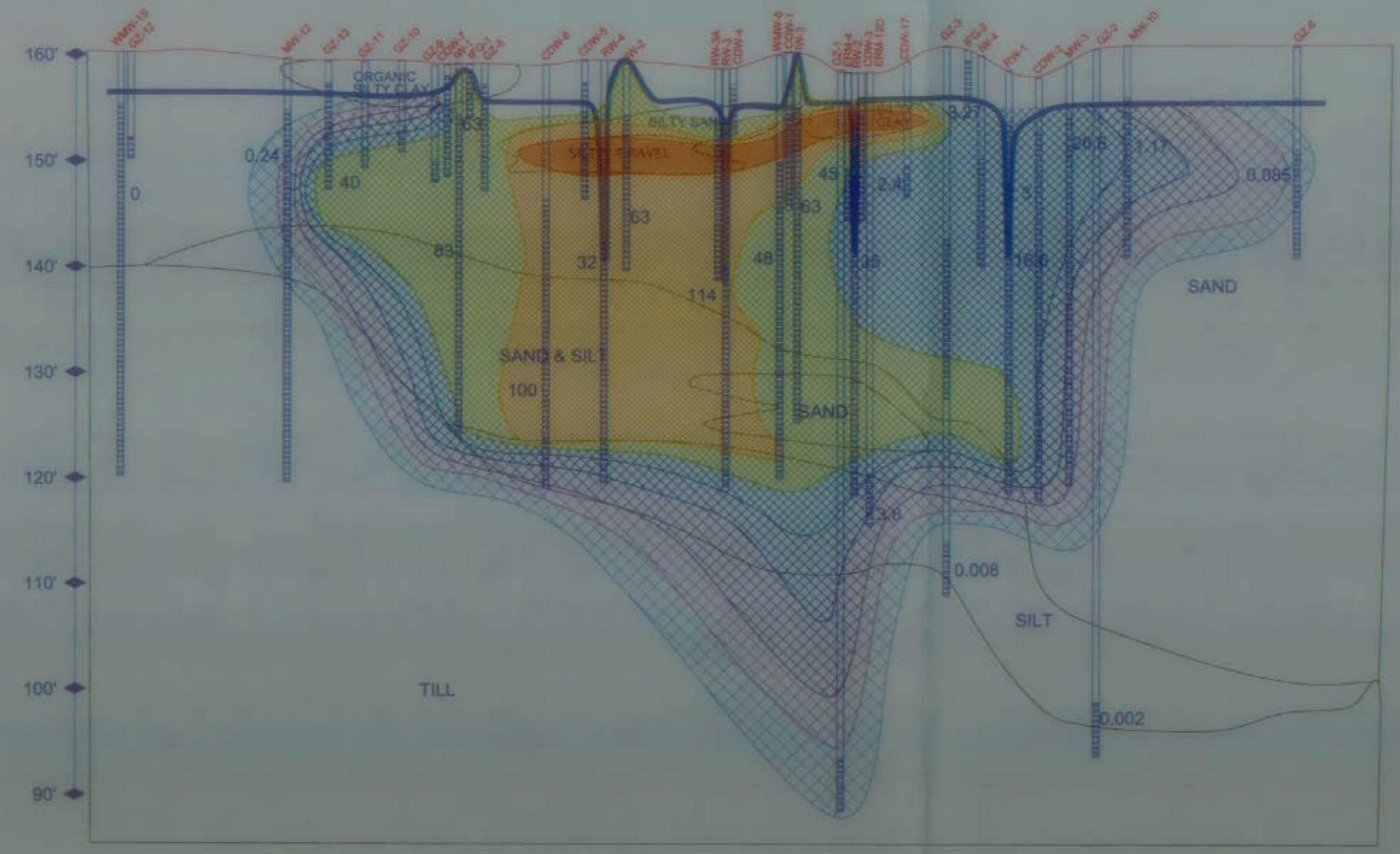
8-1295

GENERAL CHEMICAL CORPORATION
133-138 LELAND STREET
FRAMINGHAM, MA 01702

M. FAROOQ SIDDIQUE
MA REG 39135

COMPANY PROFILE
F S ENGINEERS

1-1



GENERAL CHEMICAL CORPORATION
133-138 LELAND STREET
FRAMINGHAM, MA 01702

8-1295

CROSS SECTIONS
2

C6

ATTACHMENT 6

LABORATORY REPORT OF ANALYSIS – APRIL 2008

Report Date:
29-Apr-08 16:06

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

FS Engineers, Inc.
289 Great Road; Suite 102
Acton, MA 01720-5314
Attn: Catherine Nunes

Project: General Chemical - Framingham, MA
Project 8-1295

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA77555-01	CDW18D	Ground Water	15-Apr-08 16:00	22-Apr-08 17:15
SA77555-02	CDW18S	Ground Water	15-Apr-08 15:30	22-Apr-08 17:15
SA77555-03	CDW19S	Ground Water	18-Apr-08 10:18	22-Apr-08 17:15
SA77555-04	CDW7	Ground Water	18-Apr-08 11:46	22-Apr-08 17:15
SA77555-05	CW	Ground Water	15-Apr-08 09:45	22-Apr-08 17:15
SA77555-06	ERM11	Ground Water	16-Apr-08 08:59	22-Apr-08 17:15
SA77555-07	ERM12	Ground Water	17-Apr-08 14:02	22-Apr-08 17:15
SA77555-08	GZ16M	Ground Water	18-Apr-08 12:28	22-Apr-08 17:15
SA77555-09	GZ17M	Ground Water	18-Apr-08 14:40	22-Apr-08 17:15
SA77555-10	GZ17S	Ground Water	18-Apr-08 15:00	22-Apr-08 17:15
SA77555-11	GZ18M	Ground Water	18-Apr-08 14:11	22-Apr-08 17:15
SA77555-12	GZ2	Ground Water	17-Apr-08 11:53	22-Apr-08 17:15
SA77555-13	GZ5D	Ground Water	18-Apr-08 13:31	22-Apr-08 17:15
SA77555-14	GZ5S	Ground Water	18-Apr-08 13:06	22-Apr-08 17:15
SA77555-15	GZ6	Ground Water	17-Apr-08 09:58	22-Apr-08 17:15
SA77555-16	GZ7	Ground Water	16-Apr-08 09:49	22-Apr-08 17:15
SA77555-17	GZA13	Ground Water	16-Apr-08 11:46	22-Apr-08 17:15
SA77555-18	IFG1	Ground Water	18-Apr-08 10:40	22-Apr-08 17:15
SA77555-19	IFG2	Ground Water	18-Apr-08 10:30	22-Apr-08 17:15
SA77555-20	MW10	Ground Water	17-Apr-08 11:15	22-Apr-08 17:15
SA77555-21	MW11	Ground Water	17-Apr-08 09:07	22-Apr-08 17:15
SA77555-22	MW12	Ground Water	16-Apr-08 15:19	22-Apr-08 17:15
SA77555-23	MW9	Ground Water	17-Apr-08 15:13	22-Apr-08 17:15
SA77555-24	PZ1D	Ground Water	15-Apr-08 12:50	22-Apr-08 17:15
SA77555-25	RW1	Ground Water	16-Apr-08 13:10	22-Apr-08 17:15
SA77555-26	RW2	Ground Water	16-Apr-08 13:13	22-Apr-08 17:15
SA77555-27	RW3	Ground Water	16-Apr-08 13:16	22-Apr-08 17:15
SA77555-28	RW4	Ground Water	16-Apr-08 13:19	22-Apr-08 17:15
SA77555-29	RW5D	Ground Water	16-Apr-08 15:30	22-Apr-08 17:15
SA77555-30	RW7	Ground Water	16-Apr-08 15:33	22-Apr-08 17:15
SA77555-31	SW1	Surface Water	18-Apr-08 10:15	22-Apr-08 17:15
SA77555-32	SW10	Surface Water	15-Apr-08 14:10	22-Apr-08 17:15
SA77555-33	SW2	Surface Water	18-Apr-08 09:30	22-Apr-08 17:15
SA77555-34	SW3	Surface Water	18-Apr-08 09:45	22-Apr-08 17:15
SA77555-35	SWSDSC1	Surface Water	18-Apr-08 09:50	22-Apr-08 17:15
SA77555-36	SWUSA1	Surface Water	15-Apr-08 08:00	22-Apr-08 17:15
SA77555-37	WMW1S	Ground Water	15-Apr-08 09:18	22-Apr-08 17:15
SA77555-38	WMW2D	Ground Water	15-Apr-08 10:52	22-Apr-08 17:15
SA77555-39	WMW2S	Ground Water	15-Apr-08 10:24	22-Apr-08 17:15
SA77555-40	WMW3	Ground Water	16-Apr-08 10:35	22-Apr-08 17:15
SA77555-41	WMW4	Ground Water	18-Apr-08 11:06	22-Apr-08 17:15

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SA77555-42	WMW5	Ground Water	17-Apr-08 14:41	22-Apr-08 17:15
SA77555-43	WMW6	Ground Water	17-Apr-08 13:12	22-Apr-08 17:15
SA77555-44	WMW7	Ground Water	16-Apr-08 13:01	22-Apr-08 17:15
SA77555-45	WMW8D	Ground Water	18-Apr-08 09:03	22-Apr-08 17:15
SA77555-46	WMW8S	Ground Water	18-Apr-08 09:10	22-Apr-08 17:15

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.
Please note that this report contains 154 pages of analytical data plus Chain of Custody document(s).
This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Authorized by:

Massachusetts Certification # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

ACCREDITED IN ACCORDANCE WITH

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Technical Reviewer's Initial:

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

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* Reportable Detection Limit BRL = Below Reporting Limit

CASE NARRATIVE:

The samples were received 4.0 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 2.0 degrees Celsius was used immediately upon receipt of the samples.

MADEP has published a list of analytical methods (CAM) which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of MCP decisions. "Presumptive Certainty" can be established only for those methods published by the MADEP in the MCP CAM. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method.

According to WSC-CAM 5/2004 Rev 4, Table 11 A-1, recovery for some VOC analytes have been deemed potentially difficult.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW 846 8260B

SW 846 8260B

Laboratory Control Samples:

8042265-BS1

Analyte out of acceptance range.

1,2,3-Trichlorobenzene

8042265-BSD1

Analyte out of acceptance range.

2-Hexanone (MBK)
Ethanol

8042267-BSD1

Analyte out of acceptance range.

2,2-Dichloropropane

8042394-BS1

LCS/LCSD were analyzed in place of MS/MSD.

8042394-BSD1

LCS/LCSD were analyzed in place of MS/MSD.

8042434-BS1

Analyte out of acceptance range in QC spike but no reportable concentration present in sample.

2-Hexanone (MBK)
Tetrahydrofuran
trans-1,4-Dichloro-2-butene

8042434-BSD1

Analyte out of acceptance range in QC spike but no reportable concentration present in sample.

2-Hexanone (MBK)
Tetrahydrofuran
trans-1,4-Dichloro-2-butene

Analyte out of acceptance range.

cis-1,3-Dichloropropene
Ethanol
Naphthalene

8042498-BS1

Analyte out of acceptance range in QC spike but no reportable concentration present in sample.

2-Hexanone (MBK)

8042498-BSD1

Analyte out of acceptance range in QC spike but no reportable concentration present in sample.

2-Hexanone (MBK)

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CDW18D SA77555-01	8-1295	Ground Water	15-Apr-08 16:00	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	56.0		µg/l	5.0	5	SW 846 8260B	25-Apr-08	25-Apr-08	8042260	JLD
67-64-1	Acetone	175		µg/l	50.0	5	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	2.5	5	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	5.0	5	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	5.0	5	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	2.5	5	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	5.0	5	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	10.0	5	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	50.0	5	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	25.0	5	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	5.0	5	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	10.0	5	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	5.0	5	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	10.0	5	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	5.0	5	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	5.0	5	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	10.0	5	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	2.5	5	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	2.5	5	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	5.0	5	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/l	10.0	5	"	"	"	"	"
75-34-3	1,1-Dichloroethane	51.8		µg/l	5.0	5	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
75-35-4	1,1-Dichloroethene	71.2		µg/l	5.0	5	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	1,250	E	µg/l	5.0	5	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	5.0	5	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	5.0	5	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	5.0	5	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	5.0	5	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	5.0	5	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	2.5	5	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	2.5	5	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	2.5	5	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	50.0	5	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	5.0	5	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	5.0	5	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	50.0	5	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	25.0	5	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	5.0	5	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CDW18D SA77555-01	8-1295	Ground Water	15-Apr-08 16:00	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	5.0	5	SW 846 8260B	25-Apr-08	25-Apr-08	8042260	JLD
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	2.5	5	"	"	"	"	"
127-18-4	Tetrachloroethene	475		µg/l	5.0	5	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	5.0	5	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	294		µg/l	5.0	5	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
79-01-6	Trichloroethene	562		µg/l	5.0	5	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	5.0	5	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	5.0	5	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
75-01-4	Vinyl chloride	26.2		µg/l	5.0	5	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	10.0	5	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	5.0	5	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	50.0	5	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	5.0	5	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	5.0	5	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	5.0	5	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	5.0	5	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	50.0	5	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	100	5	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	25.0	5	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/l	2500	5	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*102*			*70-130 %*		"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*			*70-130 %*		"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*89*			*70-130 %*		"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*			*70-130 %*		"	"	"	"	"
Re-analysis of Volatile Organic Compounds											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	54.8		µg/l	20.0	20	SW 846 8260B	28-Apr-08	28-Apr-08	8042394	JLD
67-64-1	Acetone	BRL		µg/l	200	20	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	10.0	20	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	20.0	20	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	20.0	20	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	20.0	20	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	10.0	20	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	20.0	20	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	40.0	20	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	200	20	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	20.0	20	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	20.0	20	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	20.0	20	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	100	20	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	20.0	20	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	20.0	20	"	"	"	"	"

This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CDW18D SA77555-01	8-1295	Ground Water	15-Apr-08 16:00	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
Re-analysis of Volatile Organic Compounds											
75-00-3	Chloroethane	BRL		µg/l	40.0	20	SW 846 8260B	28-Apr-08	28-Apr-08	8042394	JLD
67-66-3	Chloroform	BRL		µg/l	20.0	20	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	40.0	20	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	20.0	20	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	20.0	20	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	40.0	20	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	10.0	20	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	10.0	20	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	20.0	20	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	20.0	20	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	20.0	20	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	20.0	20	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	40.0	20	"	"	"	"	"
75-34-3	1,1-Dichloroethane	54.6		µg/l	20.0	20	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	20.0	20	"	"	"	"	"
75-35-4	1,1-Dichloroethene	63.8		µg/l	20.0	20	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	1,220		µg/l	20.0	20	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	20.0	20	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	20.0	20	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	20.0	20	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	20.0	20	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	20.0	20	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	10.0	20	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	10.0	20	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	20.0	20	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	10.0	20	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	200	20	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	20.0	20	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	20.0	20	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	20.0	20	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	200	20	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	100	20	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	20.0	20	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	20.0	20	"	"	"	"	"
100-42-5	Styrene	BRL		µg/l	20.0	20	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	20.0	20	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	10.0	20	"	"	"	"	"
127-18-4	Tetrachloroethene	420		µg/l	20.0	20	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	20.0	20	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	20.0	20	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	20.0	20	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	20.0	20	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	286		µg/l	20.0	20	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	20.0	20	"	"	"	"	"
79-01-6	Trichloroethene	549		µg/l	20.0	20	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	20.0	20	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	20.0	20	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	20.0	20	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	20.0	20	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CDW18D SA77555-01	8-1295	Ground Water	15-Apr-08 16:00	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
Re-analysis of Volatile Organic Compounds											
75-01-4	Vinyl chloride	BRL		µg/l	20.0	20	SW 846 8260B	28-Apr-08	28-Apr-08	8042394	JLD
1330-20-7	m,p-Xylene	BRL		µg/l	40.0	20	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	20.0	20	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	200	20	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	20.0	20	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	20.0	20	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	20.0	20	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	20.0	20	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	200	20	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	400	20	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	100	20	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/l	10000	20	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	94			70-130 %		"	"	"	"	"
2037-26-5	*Toluene-d8*	100			70-130 %		"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	101			70-130 %		"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	104			70-130 %		"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CDW18S SA77555-02	8-1295	Ground Water	15-Apr-08 15:30	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	5.0	5	SW 846 8260B	25-Apr-08	25-Apr-08	8042260	JLO
67-64-1	Acetone	BRL		µg/l	50.0	5	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	2.5	5	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	5.0	5	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	5.0	5	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	2.5	5	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	5.0	5	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	10.0	5	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	50.0	5	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	25.0	5	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	5.0	5	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	10.0	5	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	5.0	5	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	10.0	5	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	5.0	5	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	5.0	5	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	10.0	5	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	2.5	5	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	2.5	5	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	5.0	5	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	10.0	5	"	"	"	"	"
75-34-3	1,1-Dichloroethane	21.2		µg/l	5.0	5	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
75-35-4	1,1-Dichloroethene	7.1		µg/l	5.0	5	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	342		µg/l	5.0	5	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	5.0	5	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	5.0	5	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	5.0	5	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	5.0	5	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	5.0	5	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	2.5	5	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	2.5	5	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	2.5	5	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	50.0	5	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	5.0	5	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	5.0	5	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	50.0	5	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	25.0	5	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	5.0	5	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CDW18S SA77555-02	8-1295	Ground Water	15-Apr-08 15:30	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	5.0	5	SW 846 8260B	25-Apr-08	25-Apr-08	8042260	JLO
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	2.5	5	"	"	"	"	"
127-18-4	Tetrachloroethene	178		µg/l	5.0	5	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	5.0	5	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	79.2		µg/l	5.0	5	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
79-01-6	Trichloroethene	167		µg/l	5.0	5	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	5.0	5	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	5.0	5	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	5.0	5	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	10.0	5	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	5.0	5	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	50.0	5	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	5.0	5	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	5.0	5	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	5.0	5	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	5.0	5	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	50.0	5	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	100	5	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	25.0	5	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/l	2500	5	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*101*		70-130 %							
2037-26-5	*Toluene-d8*	*99*		70-130 %							
17060-07-0	*1,2-Dichloroethane-d4*	*89*		70-130 %							
1868-53-7	*Dibromofluoromethane*	*101*		70-130 %							

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CDW19S SA77555-03	8-1295	Ground Water	18-Apr-08 10:18	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	236		µg/l	100	100	SW 846 8260B	25-Apr-08	25-Apr-08	8042260	JLD
67-64-1	Acetone	BRL		µg/l	1000	100	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	50.0	100	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	100	100	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	100	100	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	100	100	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	50.0	100	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	100	100	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	200	100	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	1000	100	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	100	100	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	100	100	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	100	100	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	500	100	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	100	100	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	100	100	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	200	100	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	100	100	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	200	100	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	100	100	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	100	100	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	200	100	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	50.0	100	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	50.0	100	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	100	100	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	100	100	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	100	100	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	100	100	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	200	100	"	"	"	"	"
75-34-3	1,1-Dichloroethane	328		µg/l	100	100	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	100	100	"	"	"	"	"
75-35-4	1,1-Dichloroethene	414		µg/l	100	100	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	5,820		µg/l	100	100	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	100	100	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	100	100	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	100	100	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	100	100	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	100	100	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	50.0	100	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	50.0	100	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	100	100	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	50.0	100	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	1000	100	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	100	100	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	100	100	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	100	100	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	1000	100	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	500	100	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	100	100	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	100	100	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CDW19S SA77555-03	8-1295	Ground Water	18-Apr-08 10:18	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	100	100	SW 846 8260B	25-Apr-08	26-Apr-08	8042260	JLD
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	100	100	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	50.0	100	"	"	"	"	"
127-18-4	Tetrachloroethene	3,600		µg/l	100	100	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	100	100	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	100	100	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	100	100	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	100	100	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	1,770		µg/l	100	100	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	100	100	"	"	"	"	"
79-01-6	Trichloroethene	3,760		µg/l	100	100	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	100	100	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	100	100	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	100	100	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	100	100	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	100	100	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	200	100	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	100	100	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	1000	100	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	100	100	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	100	100	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	100	100	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	100	100	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	1000	100	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	2000	100	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	500	100	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/l	50000	100	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	102			70-130 %		"	"	"	"	"
2037-26-5	*Toluene-d8*	101			70-130 %		"	"	"	"	"
17060-07-0	*1,2-Dichloroethene-d4*	90			70-130 %		"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	103			70-130 %		"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CDW7 SA77555-04	8-1295	Ground Water	18-Apr-08 11:46	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	25-Apr-08	25-Apr-08	8042260	JLD
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	1.7		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	78.8		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	1.5		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CDW7 SA77555-04	8-1295	Ground Water	18-Apr-08 11:46	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW 846 8260B	25-Apr-08	25-Apr-08	8042260	JLD
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	11.6		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	19.5		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	10.9		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/l	500	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*101*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*90*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*101*		*70-130 %*			"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CW SA77555-05	8-1295	Ground Water	15-Apr-08 09:45	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	25-Apr-08	25-Apr-08	8042260	JLD
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	2.1		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
CW SA77555-05	8-1295	Ground Water	15-Apr-08 09:45	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW 846 8260B	25-Apr-08	25-Apr-08	8042260	JLD
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/l	500	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	101		70-130 %			"	"	"	"	"
2037-26-5	*Toluene-d8*	98		70-130 %			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	92		70-130 %			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	100		70-130 %			"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ERM11 SA77555-06	8-1295	Ground Water	16-Apr-08 08:59	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	5.0	5	SW 846 8260B	25-Apr-08	25-Apr-08	8042260	JLD
67-64-1	Acetone	BRL		µg/l	50.0	5	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	2.5	5	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	5.0	5	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	5.0	5	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	2.5	5	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	5.0	5	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	10.0	5	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	50.0	5	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	25.0	5	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	5.0	5	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	10.0	5	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	5.0	5	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	10.0	5	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	5.0	5	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	5.0	5	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	10.0	5	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	2.5	5	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	2.5	5	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	5.0	5	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	10.0	5	"	"	"	"	"
75-34-3	1,1-Dichloroethane	27.3		µg/l	5.0	5	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
75-35-4	1,1-Dichloroethene	81.6		µg/l	5.0	5	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	2,310	E	µg/l	5.0	5	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	5.0	5	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	5.0	5	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	5.0	5	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	5.0	5	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	2.5	5	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	2.5	5	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	5.0	5	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	2.5	5	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	50.0	5	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	5.0	5	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	5.0	5	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	50.0	5	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	25.0	5	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	5	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	5.0	5	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ERM11 SA77555-06	8-1295	Ground Water	16-Apr-08 08:59	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	5.0	5	SW 846 8260B	25-Apr-08	25-Apr-08	8042260	JLD
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	2.5	5	"	"	"	"	"
127-18-4	Tetrachloroethene	110		µg/l	5.0	5	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	5.0	5	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	1,580	E	µg/l	5.0	5	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
79-01-6	Trichloroethene	143		µg/l	5.0	5	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	5.0	5	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	5.0	5	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	10.0	5	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	5.0	5	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	50.0	5	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	5.0	5	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	5.0	5	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	5.0	5	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	6.0	5	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	50.0	5	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	100	5	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	25.0	5	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	2500	5	"	"	"	"	"
64-17-5	Ethanol	BRL									
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	99		70-130 %			"	"	"	"	"
2037-26-5	*Toluene-d8*	98		70-130 %			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	91		70-130 %			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	102		70-130 %			"	"	"	"	"
Re-analysis of Volatile Organic Compounds											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	142		µg/l	25.0	25	SW 846 8260B	28-Apr-08	28-Apr-08	8042304	JLD
67-64-1	Acetone	BRL		µg/l	250	25	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	12.5	25	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	25.0	25	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	25.0	25	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	25.0	25	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	12.5	25	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	25.0	25	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	50.0	25	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	250	25	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	25.0	25	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	25.0	25	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	25.0	25	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	125	25	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	25.0	25	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	25.0	25	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ERM11 SA77555-06	8-1295	Ground Water	16-Apr-08 08:59	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
Re-analysis of Volatile Organic Compounds											
75-00-3	Chloroethane	BRL		µg/l	50.0	25	SW 846 8260B	28-Apr-08	28-Apr-08	8042394	JLD
67-66-3	Chloroform	BRL		µg/l	25.0	25	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	50.0	25	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	25.0	25	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	25.0	25	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	50.0	25	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	12.5	25	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	12.5	25	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	25.0	25	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	25.0	25	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	25.0	25	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	25.0	25	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	50.0	25	"	"	"	"	"
75-34-3	1,1-Dichloroethane	30.8		µg/l	25.0	25	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	25.0	25	"	"	"	"	"
75-35-4	1,1-Dichloroethene	77.5		µg/l	25.0	25	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	2,300		µg/l	25.0	25	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	25.0	25	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	25.0	25	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	25.0	25	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	25.0	25	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	25.0	25	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	12.5	25	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	12.5	25	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	25.0	25	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	12.5	25	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	250	25	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	25.0	25	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	25.0	25	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	25.0	25	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	250	25	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	125	25	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	25.0	25	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	25.0	25	"	"	"	"	"
100-42-5	Styrene	BRL		µg/l	25.0	25	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	25.0	25	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	12.5	25	"	"	"	"	"
127-18-4	Tetrachloroethene	97.2		µg/l	25.0	25	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	25.0	25	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	25.0	25	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	25.0	25	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	25.0	25	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	1,480		µg/l	25.0	25	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	25.0	25	"	"	"	"	"
79-01-6	Trichloroethene	142		µg/l	25.0	25	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	25.0	25	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	25.0	25	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	25.0	25	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	25.0	25	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ERM11 SA77555-06	8-1295	Ground Water	16-Apr-08 08:59	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
Re-analysis of Volatile Organic Compounds											
75-01-4	Vinyl chloride	BRL		µg/l	25.0	25	SW 846 8260B	28-Apr-08	28-Apr-08	8042394	JLD
1330-20-7	m,p-Xylene	BRL		µg/l	50.0	25	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	25.0	25	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	250	25	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	25.0	25	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	25.0	25	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	25.0	25	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	25.0	25	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	250	25	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	500	25	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	125	25	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/l	12500	25	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	97			70-130 %		"	"	"	"	"
2037-26-5	*Toluene-d8*	100			70-130 %		"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	101			70-130 %		"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	104			70-130 %		"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ERM12 SA77555-07	8-1295	Ground Water	17-Apr-08 14:02	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	138		µg/l	10.0	10	SW 846 8260B	25-Apr-08	25-Apr-08	8042265	JLD
67-64-1	Acetone	BRL		µg/l	100	10	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	5.0	10	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	10.0	10	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	10.0	10	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	10.0	10	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	5.0	10	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	10.0	10	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	20.0	10	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	100	10	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	10.0	10	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	10.0	10	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	10.0	10	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	50.0	10	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	10.0	10	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	10.0	10	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	20.0	10	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	10.0	10	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	20.0	10	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	10.0	10	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	10.0	10	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	20.0	10	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	5.0	10	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	5.0	10	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	10.0	10	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	10.0	10	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	10.0	10	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	10.0	10	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	20.0	10	"	"	"	"	"
75-34-3	1,1-Dichloroethane	27.8		µg/l	10.0	10	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	10.0	10	"	"	"	"	"
75-35-4	1,1-Dichloroethene	58.5		µg/l	10.0	10	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	2,160	E	µg/l	10.0	10	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	10.0	10	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	10.0	10	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	10.0	10	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	10.0	10	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	10.0	10	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	5.0	10	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	5.0	10	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	10.0	10	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	5.0	10	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	100	10	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	10.0	10	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	10.0	10	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	10.0	10	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	100	10	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	50.0	10	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	10.0	10	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	10.0	10	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ERM12 SA77555-07	8-1295	Ground Water	17-Apr-08 14:02	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	10.0	10	SW 846 8260B	25-Apr-08	25-Apr-08	8042265	JLD
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	10.0	10	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	5.0	10	"	"	"	"	"
127-18-4	Tetrachloroethene	21.5		µg/l	10.0	10	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	10.0	10	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	10.0	10	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	10.0	10	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	10.0	10	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	1,350		µg/l	10.0	10	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	10.0	10	"	"	"	"	"
79-01-6	Trichloroethene	74.4		µg/l	10.0	10	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	10.0	10	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	10.0	10	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	10.0	10	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	10.0	10	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	10.0	10	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	20.0	10	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	10.0	10	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	100	10	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	10.0	10	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	10.0	10	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	10.0	10	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	10.0	10	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	100	10	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	200	10	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	50.0	10	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/l	5000	10	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*99*			*70-130 %*			"	"	"	"
2037-26-5	*Toluene-d8*	*100*			*70-130 %*			"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*91*			*70-130 %*			"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*			*70-130 %*			"	"	"	"
Re-analysis of Volatile Organic Compounds											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	116		µg/l	25.0	25	SW 846 8260B	28-Apr-08	28-Apr-08	8042394	JLD
67-64-1	Acetone	BRL		µg/l	250	25	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	12.5	25	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	25.0	25	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	25.0	25	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	25.0	25	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	12.5	25	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	25.0	25	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	50.0	25	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	250	25	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	25.0	25	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	25.0	25	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	25.0	25	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	125	25	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	25.0	25	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	25.0	25	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ERM12 SA77555-07	8-1295	Ground Water	17-Apr-08 14:02	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
Re-analysis of Volatile Organic Compounds											
75-00-3	Chloroethane	BRL		µg/l	50.0	25	SW 846 8260B	28-Apr-08	28-Apr-08	8042394	JLD
67-66-3	Chloroform	BRL		µg/l	25.0	25	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	50.0	25	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	25.0	25	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	25.0	25	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	50.0	25	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	12.5	25	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	12.5	25	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	25.0	25	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	25.0	25	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	25.0	25	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	25.0	25	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	50.0	25	"	"	"	"	"
75-34-3	1,1-Dichloroethane	28.5		µg/l	25.0	25	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	25.0	25	"	"	"	"	"
75-35-4	1,1-Dichloroethene	52.5		µg/l	25.0	25	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	2,080		µg/l	25.0	25	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	25.0	25	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	25.0	25	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	25.0	25	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	25.0	25	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	25.0	25	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	12.5	25	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	12.5	25	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	25.0	25	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	12.5	25	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	250	25	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	25.0	25	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	25.0	25	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	25.0	25	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	250	25	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	125	25	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	25.0	25	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	25.0	25	"	"	"	"	"
100-42-5	Styrene	BRL		µg/l	25.0	25	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	25.0	25	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	12.5	25	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	25.0	25	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	25.0	25	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	25.0	25	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	25.0	25	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	25.0	25	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	1,160		µg/l	25.0	25	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	25.0	25	"	"	"	"	"
79-01-6	Trichloroethene	67.0		µg/l	25.0	25	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	25.0	25	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	25.0	25	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	25.0	25	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	25.0	25	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
ERM12 SA77555-07	8-1295	Ground Water	17-Apr-08 14:02	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
Re-analysis of Volatile Organic Compounds											
75-01-4	Vinyl chloride	BRL		µg/l	25.0	25	SW 846 8260B	28-Apr-08	28-Apr-08	8042394	JLD
1330-20-7	m,p-Xylene	BRL		µg/l	50.0	25	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	25.0	25	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	250	25	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	25.0	25	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	25.0	25	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	25.0	25	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	25.0	25	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	250	25	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	500	25	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	125	25	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/l	12500	25	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*94*			*70-130 %*		"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*			*70-130 %*		"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*104*			*70-130 %*		"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*106*			*70-130 %*		"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GZ16M SA77555-08	8-1295	Ground Water	18-Apr-08 12:28	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
Re-analysis of Volatile Organic Compounds											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	28-Apr-08	28-Apr-08	8042394	JLD
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon 12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GZ16M SA77555-08	8-1295	Ground Water	18-Apr-08 12:28	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
Re-analysis of Volatile Organic Compounds											
91-20-3	Naphthalene	BRL		µg/l	1.0	1	SW 846 8260B	28-Apr-08	28-Apr-08	8042394	JLD
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
100-42-5	Styrene	BRL		µg/l	1.0	1	"	"	"	"	"
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/l	500	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97*		*70-130 %*				"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*				"	"	"	"
17060-07-0	*1,2-Dichloroethene-d4*	*102*		*70-130 %*				"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*				"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GZ17M SA77555-09	8-1295	Ground Water	18-Apr-08 14:40	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	25-Apr-08	25-Apr-08	8042265	JLD
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GZ17M SA77555-09	8-1295	Ground Water	18-Apr-08 14:40	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW 846 8260B	25-Apr-08	25-Apr-08	8042265	JLD
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/l	500	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	99			70-130 %		"	"	"	"	"
2037-26-5	*Toluene-d8*	100			70-130 %		"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	94			70-130 %		"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	100			70-130 %		"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GZ17S SA77555-10	8-1295	Ground Water	18-Apr-08 15:00	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
75-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	25-Apr-08	25-Apr-08	8042265	JLD
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GZ17S SA77555-10	8-1295	Ground Water	18-Apr-08 15:00	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW 846 8260B	25-Apr-08	25-Apr-08	8042265	JLD
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/l	500	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97*			*70-130 %*		"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*			*70-130 %*		"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*96*			*70-130 %*		"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*101*			*70-130 %*		"	"	"	"	"

This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GZ18M SA77555-11	8-1295	Ground Water	18-Apr-08 14:11	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	25-Apr-08	26-Apr-08	8042265	JLD
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GZ18M SA77555-11	8-1295	Ground Water	18-Apr-08 14:11	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW 846 8260B	25-Apr-08	26-Apr-08	8042265	JLD
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/l	500	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	98		70-130 %				"	"	"	"
2037-26-5	*Toluene-d8*	101		70-130 %				"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	97		70-130 %				"	"	"	"
1868-53-7	*Dibromofluoromethane*	102		70-130 %				"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GZ2 SA77555-12	8-1295	Ground Water	17-Apr-08 11:53	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	25-Apr-08	26-Apr-08	8042265	JLD
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification
GZ2
SA77555-12

Client Project # 8-1295

Matrix Ground Water

Collection Date/Time 17-Apr-08 11:53

Received 22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW 846 8260B	25-Apr-08	26-Apr-08	8042265	JLD
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	1,2		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/l	500	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*98*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*101*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*103*		*70-130 %*			"	"	"	"	"

This laboratory report is not valid without an authorized signature on the cover page

* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GZ5D SA77555-13	8-1295	Ground Water	18-Apr-08 13:31	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	25-Apr-08	26-Apr-08	8042265	JLD
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GZ5D SA77555-13	8-1295	Ground Water	18-Apr-08 13:31	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW 846 8260B	25-Apr-08	26-Apr-08	8042265	JLD
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Diisopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/l	500	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*97*		*70-130 %*			"	"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*			"	"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*98*		*70-130 %*			"	"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*			"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GZSS SA77555-14	8-1295	Ground Water	18-Apr-08 13:06	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL		µg/l	1.0	1	SW 846 8260B	25-Apr-08	26-Apr-08	8042265	JLD
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GZSS SA77555-14	8-1295	Ground Water	18-Apr-08 13:06	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW 846 8260B	25-Apr-08	26-Apr-08	8042265	JLD
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/l	500	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	96		70-130 %				"	"	"	"
2037-26-5	*Toluene-d8*	101		70-130 %				"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	100		70-130 %				"	"	"	"
1868-53-7	*Dibromofluoromethane*	101		70-130 %				"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GZ6 SA77555-15	8-1295	Ground Water	17-Apr-08 09:58	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	8.6		µg/l	1.0	1	SW 846 8260B	25-Apr-08	26-Apr-08	8042265	JLD
67-64-1	Acetone	BRL		µg/l	10.0	1	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	0.5	1	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	1.0	1	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	2.0	1	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	10.0	1	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	5.0	1	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	1.0	1	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	2.0	1	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	1.0	1	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	2.0	1	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	1.0	1	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	2.0	1	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	0.5	1	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	0.5	1	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	1.0	1	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	2.0	1	"	"	"	"	"
75-34-3	1,1-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
75-35-4	1,1-Dichloroethene	2.5		µg/l	1.0	1	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	30.6		µg/l	1.0	1	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	1.0	1	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	1.0	1	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	0.5	1	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	0.5	1	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	10.0	1	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	1.0	1	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	10.0	1	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	5.0	1	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	1.0	1	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GZ6 SA77555-15	8-1295	Ground Water	17-Apr-08 09:58	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	1.0	1	SW 846 8260B	25-Apr-08	26-Apr-08	8042265	JLD
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	0.5	1	"	"	"	"	"
127-18-4	Tetrachloroethene	9.7		µg/l	1.0	1	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	1.0	1	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	1.0	1	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	28.6		µg/l	1.0	1	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	1.0	1	"	"	"	"	"
79-01-6	Trichloroethene	9.6		µg/l	1.0	1	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	1.0	1	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	1.0	1	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	1.0	1	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	1.0	1	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	2.0	1	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	1.0	1	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	10.0	1	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	1.0	1	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	10.0	1	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	20.0	1	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	5.0	1	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/l	500	1	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*95*		*70-130 %*				"	"	"	"
2037-26-5	*Toluene-d8*	*100*		*70-130 %*				"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*101*		*70-130 %*				"	"	"	"
1868-53-7	*Dibromofluoromethane*	*102*		*70-130 %*				"	"	"	"

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* Reportable Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GZ7 SA77555-16	8-1295	Ground Water	16-Apr-08 09:49	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	74.8		µg/l	5.0	5	SW 846 8260B	25-Apr-08	26-Apr-08	8042265	JLD
67-64-1	Acetone	BRL		µg/l	50.0	5	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	2.5	5	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	5.0	5	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	5.0	5	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	2.5	5	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	5.0	5	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	10.0	5	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	50.0	5	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	25.0	5	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	5.0	5	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
75-00-3	Chloroethane	BRL		µg/l	10.0	5	"	"	"	"	"
67-66-3	Chloroform	BRL		µg/l	5.0	5	"	"	"	"	"
74-87-3	Chloromethane	BRL		µg/l	10.0	5	"	"	"	"	"
95-49-8	2-Chlorotoluene	BRL		µg/l	5.0	5	"	"	"	"	"
106-43-4	4-Chlorotoluene	BRL		µg/l	5.0	5	"	"	"	"	"
96-12-8	1,2-Dibromo-3-chloropropane	BRL		µg/l	10.0	5	"	"	"	"	"
124-48-1	Dibromochloromethane	BRL		µg/l	2.5	5	"	"	"	"	"
106-93-4	1,2-Dibromoethane (EDB)	BRL		µg/l	2.5	5	"	"	"	"	"
74-95-3	Dibromomethane	BRL		µg/l	5.0	5	"	"	"	"	"
95-50-1	1,2-Dichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
541-73-1	1,3-Dichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
106-46-7	1,4-Dichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
75-71-8	Dichlorodifluoromethane (Freon12)	BRL		µg/l	10.0	5	"	"	"	"	"
75-34-3	1,1-Dichloroethane	26.6		µg/l	5.0	5	"	"	"	"	"
107-06-2	1,2-Dichloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
75-35-4	1,1-Dichloroethene	51.8		µg/l	5.0	5	"	"	"	"	"
156-59-2	cis-1,2-Dichloroethene	1,810	E	µg/l	5.0	5	"	"	"	"	"
156-60-5	trans-1,2-Dichloroethene	BRL		µg/l	5.0	5	"	"	"	"	"
78-87-5	1,2-Dichloropropane	BRL		µg/l	5.0	5	"	"	"	"	"
142-28-9	1,3-Dichloropropane	BRL		µg/l	5.0	5	"	"	"	"	"
594-20-7	2,2-Dichloropropane	BRL		µg/l	5.0	5	"	"	"	"	"
563-58-6	1,1-Dichloropropene	BRL		µg/l	5.0	5	"	"	"	"	"
10061-01-5	cis-1,3-Dichloropropene	BRL		µg/l	2.5	5	"	"	"	"	"
10061-02-6	trans-1,3-Dichloropropene	BRL		µg/l	2.5	5	"	"	"	"	"
100-41-4	Ethylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
87-68-3	Hexachlorobutadiene	BRL		µg/l	2.5	5	"	"	"	"	"
591-78-6	2-Hexanone (MBK)	BRL		µg/l	50.0	5	"	"	"	"	"
98-82-8	Isopropylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
99-87-6	4-Isopropyltoluene	BRL		µg/l	5.0	5	"	"	"	"	"
1634-04-4	Methyl tert-butyl ether	BRL		µg/l	5.0	5	"	"	"	"	"
108-10-1	4-Methyl-2-pentanone (MIBK)	BRL		µg/l	50.0	5	"	"	"	"	"
75-09-2	Methylene chloride	BRL		µg/l	25.0	5	"	"	"	"	"
91-20-3	Naphthalene	BRL		µg/l	5.0	5	"	"	"	"	"
103-65-1	n-Propylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
GZ7 SA77555-16	8-1295	Ground Water	16-Apr-08 09:49	22-Apr-08

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	Dilution	Method Ref.	Prepared	Analyzed	Batch	Analyst
Volatile Organic Compounds											
Volatile Organic Compounds											
Prepared by method SW846 5030 Water MS											
100-42-5	Styrene	BRL		µg/l	5.0	5	SW 846 8260B	25-Apr-08	26-Apr-08	8042265	JLD
630-20-6	1,1,1,2-Tetrachloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
79-34-5	1,1,2,2-Tetrachloroethane	BRL		µg/l	2.5	5	"	"	"	"	"
127-18-4	Tetrachloroethene	117		µg/l	5.0	5	"	"	"	"	"
108-88-3	Toluene	BRL		µg/l	5.0	5	"	"	"	"	"
87-61-6	1,2,3-Trichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
120-82-1	1,2,4-Trichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
108-70-3	1,3,5-Trichlorobenzene	BRL		µg/l	5.0	5	"	"	"	"	"
71-55-6	1,1,1-Trichloroethane	1,200	E	µg/l	5.0	5	"	"	"	"	"
79-00-5	1,1,2-Trichloroethane	BRL		µg/l	5.0	5	"	"	"	"	"
79-01-6	Trichloroethene	316		µg/l	5.0	5	"	"	"	"	"
75-69-4	Trichlorofluoromethane (Freon 11)	BRL		µg/l	5.0	5	"	"	"	"	"
96-18-4	1,2,3-Trichloropropane	BRL		µg/l	5.0	5	"	"	"	"	"
95-63-6	1,2,4-Trimethylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
108-67-8	1,3,5-Trimethylbenzene	BRL		µg/l	5.0	5	"	"	"	"	"
75-01-4	Vinyl chloride	BRL		µg/l	5.0	5	"	"	"	"	"
1330-20-7	m,p-Xylene	BRL		µg/l	10.0	5	"	"	"	"	"
95-47-6	o-Xylene	BRL		µg/l	5.0	5	"	"	"	"	"
109-99-9	Tetrahydrofuran	BRL		µg/l	50.0	5	"	"	"	"	"
60-29-7	Ethyl ether	BRL		µg/l	5.0	5	"	"	"	"	"
994-05-8	Tert-amyl methyl ether	BRL		µg/l	5.0	5	"	"	"	"	"
637-92-3	Ethyl tert-butyl ether	BRL		µg/l	5.0	5	"	"	"	"	"
108-20-3	Di-isopropyl ether	BRL		µg/l	5.0	5	"	"	"	"	"
75-65-0	Tert-Butanol / butyl alcohol	BRL		µg/l	50.0	5	"	"	"	"	"
123-91-1	1,4-Dioxane	BRL		µg/l	100	5	"	"	"	"	"
110-57-6	trans-1,4-Dichloro-2-butene	BRL		µg/l	25.0	5	"	"	"	"	"
64-17-5	Ethanol	BRL		µg/l	2500	5	"	"	"	"	"
Surrogate recoveries:											
460-00-4	*4-Bromofluorobenzene*	*96*			*70-130 %*			"	"	"	"
2037-26-5	*Toluene-d8*	*100*			*70-130 %*			"	"	"	"
17060-07-0	*1,2-Dichloroethane-d4*	*101*			*70-130 %*			"	"	"	"
1868-53-7	*Dibromofluoromethane*	*105*			*70-130 %*			"	"	"	"
Re-analysis of Volatile Organic Compounds											
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	69.8		µg/l	20.0	20	SW 846 8260B	28-Apr-08	28-Apr-08	8042394	JLD
67-64-1	Acetone	BRL		µg/l	200	20	"	"	"	"	"
107-13-1	Acrylonitrile	BRL		µg/l	10.0	20	"	"	"	"	"
71-43-2	Benzene	BRL		µg/l	20.0	20	"	"	"	"	"
108-86-1	Bromobenzene	BRL		µg/l	20.0	20	"	"	"	"	"
74-97-5	Bromochloromethane	BRL		µg/l	20.0	20	"	"	"	"	"
75-27-4	Bromodichloromethane	BRL		µg/l	10.0	20	"	"	"	"	"
75-25-2	Bromoform	BRL		µg/l	20.0	20	"	"	"	"	"
74-83-9	Bromomethane	BRL		µg/l	40.0	20	"	"	"	"	"
78-93-3	2-Butanone (MEK)	BRL		µg/l	200	20	"	"	"	"	"
104-51-8	n-Butylbenzene	BRL		µg/l	20.0	20	"	"	"	"	"
135-98-8	sec-Butylbenzene	BRL		µg/l	20.0	20	"	"	"	"	"
98-06-6	tert-Butylbenzene	BRL		µg/l	20.0	20	"	"	"	"	"
75-15-0	Carbon disulfide	BRL		µg/l	100	20	"	"	"	"	"
56-23-5	Carbon tetrachloride	BRL		µg/l	20.0	20	"	"	"	"	"
108-90-7	Chlorobenzene	BRL		µg/l	20.0	20	"	"	"	"	"