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April 23, 2007

Mr. Jerry Wickham
Alameda County Department of
Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Subject: Fuel Leak Case#RO0458
Site Located at 3820 Manila Avenue, Oakland, California
Former Glovatorium Facility

Dear Mr. Wickham:

SOMA's "First Semi-Annual 2007 Groundwater Monitoring Report" for the subject property has been uploaded to the State's GeoTracker database and Alameda County's FTP site for your review.

Thank you for your time in reviewing our report. Please do not hesitate to call me at (925) 734-6400, if you have any questions or comments.

Sincerely,

Mansour Sepehr, Ph.D., P.E.
Principal Hydrogeologist

cc: Mr. Albert M. Cohen, LOEB&LOEB LLP w/enclosure
Ms. Betty Graham, Regional Water Quality Control Board w/enclosure
Dr. Bruce Page, Bruce W. Page Consulting w/enclosure
Mr. Peter W. McGaw, ARCHER NORRIS w/enclosure
Mr. Stuart Depper w/enclosure

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First Semi-Annual 2007
Groundwater Monitoring Report
The Former Glovatorium Facility

3820 Manila Avenue

Oakland, California

April 23, 2007

Project 2511

Prepared for:

LOEB & LOEB LLP

10100 Santa Monica Boulevard, Suite 2200

Los Angeles, California 90067-4164

Prepared by:

SOMA Environmental Engineering, Inc.

6620 Owens Drive, Suite A

Pleasanton, California 94588

Certification

SOMA Environmental Engineering, Inc. has prepared this report for the Law Offices of Loeb & Loeb LLP, to comply with the Alameda County Department of Environmental Health requirements for the groundwater monitoring event, and to provide information necessary to defend claims brought against the owners by Earl Thompson and Grace Johnson.

Mansour Sepehr, Ph.D., P.E.
Principal Hydrogeologist

Certification Statement

Claimant

Stuart Depper
Name

Responsible Party
Title

39610 Potrero Dr., Newark, CA 94560
Street Address City Zip

I declare under penalty of perjury that the information and/or recommendations contained in the attached document or report were prepared under my direction and to the best of my knowledge true and correct.

Stu Depper
Signature

4-23-07
Date

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1.0 INTRODUCTION

SOMA Environmental Engineering, Inc. (SOMA) has prepared this report for the Law Offices of Loeb & Loeb LLP on behalf of their client, the owners of the subject property. The property, the former Glovatorium, is located at 3820 Manila Avenue (formerly known as 3815 Broadway), Oakland, California (the Site), as illustrated in Figure 1. The Site is located in an area of primarily commercial and residential developments.

This report summarizes the results of the groundwater monitoring event conducted at the Site on February 28, 2007 and March 1, 2007, and includes the laboratory results of the groundwater samples.

In addition to the above laboratory analyses, the natural attenuation study, initiated by Levine-Fricke Recon (LFR) in Third Quarter 2000, was continued during this monitoring event. The objective of the study was to evaluate whether perchloroethylene (PCE) and other volatile organic compounds (VOCs) found in the groundwater were biodegrading. Therefore, groundwater samples collected during this monitoring event were analyzed for common electron acceptors and other geochemical indicators. The results of these analyses are described in this report.

All activities were performed in accordance with the general guidelines of the Regional Water Quality Control Board (RWQCB) and the Alameda County Environmental Health Services (ACEHS). Appendix A details the procedures used by SOMA during this monitoring event.

This work is needed to determine the nature and extent of environmental contamination and whether contamination is affecting the neighboring Thompson property. The information is pertinent to the claim Mr. Thompson brought against the Deppers, owners of the Glovatorium. This work may also provide data that can help determine when the releases occurred, significant information that is pertinent to the defense against the claims brought by Ms. Johnson, a former owner of the property.

1.1 Site Description

The Site is located between Manila Avenue and Broadway, near the intersection of 38th Street in Oakland, California. The surface elevation ranges from approximately 78 to 84 feet above mean sea level.

A 54-inch, inside-diameter storm drain culvert passes under the property, from Manila Avenue on the west to 38th Street on the south (see Figure 2). The depth of the storm drain invert is approximately 8.5 feet under the sidewalk on the eastern side of Manila Avenue and approximately 13.2 feet below ground surface (bgs) at the far end, approximately 60 feet south of GW-4.

A 10-inch-diameter cast iron sanitary sewer conduit runs westerly from the on-site building and discharges into the sanitary sewer line, which runs north to south along Manila Avenue. Figure 2 shows the location of the storm drain and sanitary sewer system.

There were six underground storage tanks (USTs) at the Site. Two USTs were located under the sidewalk on 38th Street and four inside the building. The volumes of the USTs have been variously reported as ranging from 800 gallons to 5,000 gallons. They reportedly contained Stoddard solvent, fuel oil and possibly waste oil. In August 1997, the six USTs were abandoned in place by backfilling with either cement-sand slurry or pea gravel. In addition, there are three USTs owned by Earl Thompson, Sr., under the sidewalk on 38th Street (see Figure 2).

The surrounding properties are primarily commercial and residential. TOSCO Marketing Company is located north and upgradient of the Site, at 40th Street and Broadway, and contains a number of groundwater monitoring wells. Figure 2 shows the locations of the main building, fuel tank areas, and the on- and off-site groundwater monitoring wells.

1.2 Background

Geosolv, LLC (Geosolv) initiated the first soil and groundwater investigation at the Site in August 1997. Using the direct push method, Geosolv drilled 14 soil borings to the approximate depths of 10 to 24 feet bgs. Seven borings (B-2, B-3, B-7 through B-10 and B-13; see Figure 2) were converted into temporary groundwater monitoring wells, where grab groundwater samples were collected. In September 1998, Geosolv conducted further soil and groundwater investigations by drilling 12 additional soil borings to approximate depths of 19 to 25 feet bgs. All 12 borings were converted into temporary groundwater sampling points, labeled E-15 through E-26. After collection of grab groundwater samples from the temporary “E” sampling points, these borings were abandoned and grouted. Figure 2a shows the locations of the soil borings.

In July 1999, an investigation of potential groundwater preferential flow paths was initiated by LFR. LFR drilled 10 soil borings (GW-1 through GW-8, GW-5A, and GW-6A) primarily along the 54-inch-diameter storm drain and sanitary sewer systems, to depths ranging from 8 to 20 feet bgs. During drilling, soil samples were collected from various depth intervals. In August 1999, LFR collected grab groundwater samples from seven of the nine “GW” wells. Wells GW-1 to GW-6A are shown in Figure 2.

In January, April, October, and November 2000, LFR conducted the first groundwater monitoring events at the Site. In July and August 2000, LFR installed four groundwater monitoring wells, LFR-1 through LFR-4, as shown in Figure 2. Well completion details for the LFR wells and the Geosolv sampling points are presented in Table 1.

In January 2001, LFR conducted a second groundwater monitoring event that suggested the occurrence of strong anaerobic biodegradation activities and dechlorination of PCE beneath the Site. On April 26 to 27, 2001, SOMA began its initial groundwater monitoring events at the Site. The results of the Second Quarter 2001 monitoring event indicated a strong occurrence of the dechlorination of PCE in the subsurface. In SOMA's June 2001 workplan, a recommendation was made to replace the existing small-diameter monitoring wells, B-7 and B-10, with larger-diameter wells, to better evaluate the bioattenuation parameters.

On October 4, 11, and 12, 2001, SOMA installed monitoring wells SOMA-1 through SOMA-5. These wells are shown in Figure 2. During installation, boreholes were continuously logged and soil samples were collected at 5-foot depth intervals to delineate the vertical extent of the soil and groundwater contamination.

Phase I of SOMA's workplan included installing additional groundwater monitoring wells, soil and groundwater sampling, hydraulic testing, and a sensitive receptor survey. Phase II of the workplan included defining the Site's regulatory status by conducting groundwater flow, chemical fate and transport modeling, and a Risk-Based Corrective Action (RBCA). SOMA's "Report on Conducting Additional Field Investigation to Evaluate the Site's Conceptual Model," dated January 3, 2002, describes the results of the investigations conducted in Phase I.

The modeling aspect of Phase II used the results collected in Phase I and the analytical data from quarterly monitoring events. The main objective of the groundwater flow and chemical transport modeling was to predict groundwater chemical concentrations downgradient from the Site, beneath the nearest residential neighboring property, in order to assess the Site's regulatory status and restore groundwater quality conditions to an acceptable levels specified by the RBCA.

Groundwater flow, chemical transport, and bioattenuation modeling for the Site was conducted by SOMA in First Quarter 2003. The modeling results confirmed the occurrence of biodegradation beneath the Site and indicated that the bioattenuation processes could remove PCE in the groundwater in approximately 7 to 10 years, trichloroethylene (TCE) in approximately 3 to 9 years, and cis-1,2-dichloroethene (cis-1,2-DCE) in approximately 4 to 13 years. SOMA's March 7, 2003 report entitled "Groundwater Flow, Chemical Transport and Bioattenuation Modeling" describes the study in detail.

Based on the approval of the Alameda County Environmental Health Services, since First Quarter 2003, groundwater monitoring events have been conducted semiannually.

1.3 Site Geology and Hydrogeology

The Site is located on the alluvial plain between the San Francisco Bay shoreline and the Oakland hills. Surface sediments in the Site's vicinity consist of Holocene alluvial deposits representative of an alluvial fan depositional environment. These deposits consist of brown, medium-dense sand that fines upward to sandy or silty clay. The pattern of stream channel deposition results in a three-dimensional network of coarse-grained sediments interspersed with finer-grained silts and clays. The individual units tend to be discontinuous lenses aligned parallel to the axis of the former stream flow direction.

The sediments encountered in soil borings are predominantly fine grained, consisting of clay, silty clay, sandy clay, gravelly clay and clayey silt. Discontinuous layers of coarse-grained sediments (clayey sand, silty sand, and clayey gravel) generally also contain relatively high percentages of silt and clay, which tend to reduce their permeability. Based on previous investigations conducted by Geosolv and LFR, a relatively coarse-grained layer of silty sand, clayey sand, and clayey gravel was encountered in soil borings E-23, E-25, E-26, GW-2, GW-3, GW-7, and GW-8 at depths of approximately 4.5 to 14 feet bgs. A discontinuous layer of silty to clayey sand was encountered in borings B-11, E-23, E-25, GW-7 and GW-8 at depths of 17 to 21 feet bgs.

Based on SOMA's October 2001 field investigation, no deeper major water-bearing zone was encountered. However, as the lithological logs of the newly installed groundwater monitoring wells indicate, the water-bearing zone is composed of fine-grained, clayey silt sediments separated by very low-permeability intervening clay layers, which are unsaturated in some locations. For instance, SOMA-5, which has been screened within a significantly thick clay layer beneath the first water-bearing zone, from 21 to 26 feet bgs using the dual tubing method, was a dry well until the First Quarter 2002 sampling event. Due to the presence of unsaturated and low-permeability intervening clay layers between the shallow and deep layers, there is a significant vertical downward gradient between the shallow and deep wells.

Based on the quarterly monitoring activities, the depths of groundwater have ranged from 4 to 14 feet bgs at gradients ranging from 0.019 ft/ft to 0.035 ft/ft. The groundwater flow has been predominantly northeast to southwest across the Site. The results of the slug tests indicate that the hydraulic conductivity of the saturated sediments ranges between 1.2×10^{-4} and 6.9×10^{-4} cm/sec. Using the average groundwater flow gradient of 0.027 and aquifer porosity of 0.32, the groundwater flow velocity ranges between 10.5 and 60.1 ft/year.

2.0 RESULTS

This section describes the results of the groundwater monitoring event. It includes groundwater flow conditions, the status of the groundwater contamination, and the occurrence of bioattenuation in the subsurface.

2.1 Groundwater Flow Conditions

Table 2 presents the calculated groundwater elevations in each well. Depths to water and the elevation at the top of the well casings were used to calculate the groundwater elevations, which ranged from 61.57 feet in SOMA-5 to 79.05 feet in MW-8. Refer to Table 2 for detailed groundwater elevation trends.

In evaluating the groundwater flow direction and gradient, water level data from all “B” wells, GW-4, SOMA-1, SOMA-2, SOMA-3, SOMA-4, and SOMA-5 were not utilized for the following reasons:

1. Because no accurate information about the construction details of the “B” wells installed by Geosolv is available, water level data from these wells are questionable.

2. GW-4 was installed adjacent to the storm drain system in order to evaluate whether the system is leaking. This well was installed in the shallow formation and may partially penetrate into the underlying water-bearing zone. Therefore, the water level elevation recorded inside GW-4 may not be representative of the underlying water-bearing zone.

3. SOMA-1, SOMA-3 and SOMA-5 have been completed in the deeper zone, and due to the strong vertical gradient, the water level elevation in the deeper zone is significantly lower than the shallow water-bearing zone.

4. Due to the presence of free product in SOMA-4, the recorded water level elevation in this well is not representative of the shallow water-bearing zone.

Figure 3 displays a contour map of the groundwater elevations. The groundwater flows from northeast to southwest at an average gradient of 0.010 ft/ft. The direction of the groundwater flow has remained consistent with the previous monitoring event; however, the groundwater gradient decreased.

The field measurements of some physical and chemical parameters of the groundwater samples are presented in detail in the field notes in Appendix B, and summarized in Table 3 along with their historical values. Water temperatures ranged from 10.16°C in SOMA-2 to 17.44°C in LFR-3. The temperature variation may reflect changes in air temperature during sampling. Measurements of pH

ranged from 6.10 in SOMA-1 to 7.24 in SOMA-2. The electrical conductivity (EC) measurements ranged from 369 μS/cm in GW-4 to 1,288 μS/cm in SOMA-2.

2.2 Groundwater Quality

Table 4 displays laboratory analysis results for total petroleum hydrocarbons as Stoddard solvents (TPH-ss), total petroleum hydrocarbons as gasoline (TPH-g), methyl tertiary-butyl ether (MtBE) and benzene, toluene, ethylbenzene, total xylenes (BTEX). TPH-ss was below the laboratory-reporting limit in wells GW-2, MW-11, LFR-1, and LFR-3. Detectable TPH-ss levels ranged from 50 μg/L in SOMA-1 to 18,000 μg/L in SOMA-2. The groundwater sample collected from well SOMA-1 exhibited a Stoddard solvent pattern that did not resemble the standard pattern. Furthermore, an unknown chromotagraphical single peak or peaks were observed during laboratory testing. The contour map of TPH-ss concentrations in the groundwater is illustrated in Figure 4.

Due to a limited volume of groundwater in well SOMA-5 during the First Quarter 2007 monitoring event, SOMA's field crew was able to obtain only four VOAs for analysis. Therefore, the laboratory was unable to analyze for TPH-ss. The letter from Curtis & Tompkins, the laboratory, is attached to the report in Appendix C.

TPH-g was below the laboratory-reporting limit in wells GW-2, MW-11, and LFR-3. Detectable TPH-g concentrations ranged from 53 μg/L in LFR-1 to 29,000 μg/L in SOMA-2. The groundwater samples from both LFR-1 and SOMA-2 exhibited a fuel pattern that did not resemble the standard gasoline pattern. The groundwater sample from well LFR-1 also exhibited an unknown chromotagraphical single peak or peaks during laboratory testing. The groundwater sample in well SOMA-2 also may have been affected by the presence of heavier weight hydrocarbons. For further details on the variances in the analytical results, refer to the laboratory report in Appendix C. The contour map of TPH-g concentrations in the groundwater is illustrated in Figure 5.

MtBE was detected in wells LFR-4, SOMA-1, SOMA-3, and SOMA-5 at 6 µg/L, 330 µg/L, 490 µg/L, and 5.2 µg/L respectively. The contour map of MtBE concentrations in the groundwater is illustrated in Figure 6. However, there is no known on-site source of MtBE.

In general, BTEX constituents were below the laboratory-reporting limit throughout the Site, except for the samples collected from wells LFR-4, SOMA-1, and SOMA-2. In wells LFR-4 and SOMA-1, benzene was detected at 6.3 µg/L and 2.5 µg/L, respectively. In well SOMA-2, toluene was detected at 55 µg/L. No iso-concentration figure was drawn for benzene due to the scarcity of results.

Refer to Table 4 for detailed total petroleum hydrocarbon, Stoddard solvent, MtBE and BTEX groundwater concentration trends.

Table 5 shows the historical concentrations of volatile organic compounds (VOCs) in the groundwater. PCE was below the laboratory-reporting limit in the groundwater samples collected from wells B-10, MW-11, LFR-2, LFR-4, SOMA-2, and SOMA-5. Detectable PCE concentrations ranged from 0.6 μg/L in well GW-4 to 400 μg/L in well GW-3. The contour map of PCE concentrations in the groundwater is illustrated in Figure 7.

TCE was below the laboratory-reporting limit in the groundwater samples collected from wells B-10, GW-4, MW-11, LFR-2 to LFR-4, SOMA-2, SOMA-3, and SOMA-5. Detectable TCE concentrations ranged from 2 μg/L in well GW-3 to 9.9 μg/L in LFR-1. The contour map of TCE concentrations in the groundwater is illustrated in Figure 8.

Cis-1,2-DCE was below the laboratory-reporting limit in the groundwater samples collected from wells GW-3, MW-11, LFR-2, LFR-3, and SOMA-5. Detectable cis-1,2-DCE concentrations ranged from 0.6 μg/L in well GW-2 to 14,000 μg/L in well B-10. This demonstrates that biodegradation is occurring (see discussion below). The contour map of cis-1,2-DCE concentrations in the groundwater is illustrated in Figure 9.

Trans-1,2-dichloroethene (trans-1,2-DCE) was below the laboratory-reporting limit throughout the Site, except for the sample collected from well B-10. Trans-1,2-DCE was detected in well B-10 at 110 μg/L. Vinyl chloride (VC) was below the laboratory-reporting limit throughout the Site, except for the sample collected from well LFR-4; VC was detected at 0.6 μg/L in this well. 1,2-Dichloropropane (1,2-DCP) was below the laboratory-reporting limit throughout the Site, except for the sample collected from wells GW-4 and SOMA-1. 1,2-DCP was detected in well GW-4 and SOMA-1 at 1.4 μg/L and 6.7 μg/L, respectively. In general, due to the low or non-detectable levels of these constituents throughout the Site, no iso-concentration figures were drawn for trans-1,2-DCE, VC, and 1,2-DCP.

Refer to Table 5 for detailed PCE, TCE, cis-1,2-DCE, trans-1,2-DCE, VC, and 1,2-DCP groundwater concentration trends.

Appendix C includes the chain of custody forms and laboratory reports for the First Semi-Annual 2007 groundwater monitoring event.

2.3 Bioattenuation Parameter Analysis Results

To evaluate whether intrinsic bioremediation processes are active at the Site, a bioattenuation study was conducted during this monitoring event. The results of this study indicated that PCE and other dissolved organic compounds are biodegrading beneath the Site. For example, PCE levels in LFR-1 have dropped from 2,800 μg/L in 2000 to 98 μg/L during this monitoring event. PCE levels in SOMA-2 have dropped from 1,400 μg/L in 2001 to less than 42 μg/L (laboratory-reporting limit). SOMA's field crew measured the bioattenuation parameters in

situ. Dissolved methane, ethane, and ethene were measured in the laboratory. The field measurements were measured in situ, within the well, to avoid introducing oxygen into the groundwater sample, which could result in erroneous readings.

Naturally occurring biological processes can enhance the removal rate of contaminants in the subsurface. During the degradation process, indigenous bacteria in the subsurface utilize the energy released from the transfer of electrons to drive the redox reactions that remove organic mass from contaminated groundwater. The more positive the redox potential of an electron acceptor, the more energetically favorable is the reaction utilizing that electron acceptor. Based on thermodynamic considerations, the most energetically preferred electron acceptor for redox reactions is dissolved oxygen (DO), followed by nitrate, manganese, ferric iron, sulfate, and carbon dioxide, in descending order of preference. Evaluating the distribution of these electron acceptors can provide evidence of where, and to what extent, chlorinated and aliphatic hydrocarbon biodegradation is occurring. The byproducts of the biodegradation processes are nitrite, ferrous iron, alkalinity, sulfide, methane, and carbon dioxide. The groundwater samples were tested to evaluate the extent of bioattenuation processes beneath the Site. Table 6 summarizes these bioattentuation parameters.

Dissolved Oxygen. DO is the most favored electron acceptor used by microbes for the biodegradation of organic compounds. A DO concentration less than 0.5 mg/L indicates anaerobic conditions. DO levels ranged from 2.13 mg/L in well SOMA-1 to 10.53 mg/L in B-10. The contour map of DO concentrations in the groundwater is illustrated in Figure 10.

It should be noted that due to the limitation of the drilling equipment, SOMA-3 is still a ¾-inch-diameter well that was installed in the deeper zone, within the suspected chemical source area, which is inside the building. Although DO was measured in wells B-10, GW-2, SOMA-3, and SOMA-5, the results might not be representative of the overall subsurface condition. The purge cycles were limited due to the ¾-inch-diameter well constructions at these locations. A low local recharge rate was also observed in well MW-11, which decreased the purge volume in this well.

Nitrate. After DO has been depleted, nitrate may be used as an electron acceptor for anaerobic biodegradation. Nitrate concentrations less than 1.0 mg/L may indicate that reductive dechlorination is occurring. Nitrate was detected in wells GW-2, GW-3, LFR-1, and LFR-3 at 14.4 mg/L, 4.3 mg/L, 4.5 mg/L, and 5.3 mg/L, respectively; and below the minimum equipment tolerance level in the remaining tested wells.

Manganese. After DO and nitrate have been depleted, manganese may be used as an electron acceptor for anaerobic biodegradation. Therefore, increased dissolved manganese concentrations in the groundwater indicate reductive

dechlorination. Soluble Mn was reported present in all groundwater samples analyzed. Detectable manganese concentrations ranged from 0.4 mg/L in MW-11 to 10.1 mg/L in SOMA-1. The contour map of dissolved manganese concentrations in the groundwater is illustrated in Figure 11.

Sulfate. After DO, nitrate, and manganese have been depleted, sulfate may be used as an electron acceptor for anaerobic biodegradation. This process is termed sulfate reduction, and results in the production of sulfide. Sulfate concentrations less than 20 mg/L indicate reductive dechlorination (EPA 1998). Sulfate was not detected in B-10, GW-4, LFR-2, LFR-4, SOMA-2, and SOMA-3. Detectable sulfate levels ranged from 12 mg/L in wells LFR-3 and SOMA-1 to 48 mg/L in well GW-2. The contour map of sulfate concentrations in the groundwater is illustrated in Figure 12.

Ferrous Iron. Increased ferrous iron concentrations often accompany anaerobic degradation. Ferric iron can be used as an electron acceptor during anaerobic biodegradation. During this process, ferric iron is reduced to ferrous iron, which may be soluble in water. Ferrous iron concentrations can thus be used as an indicator of anaerobic biodegradation. Ferrous iron was not detected in wells GW-3 and SOMA-1. Detectable ferrous iron concentrations ranged from 0.04 mg/L in well LFR-1 to the equipment maximum allowable tolerance level of 3.30 mg/L in wells B-10, GW-4, LFR-2, LFR-4, and SOMA-2. The contour map of ferrous iron concentrations in the groundwater is illustrated in Figure 13.

Methane. The presence of methane in groundwater indicates strongly reduced conditions and suggests reductive dechlorination by the process of methanogenesis. Methane was below the laboratory-reporting limit in wells GW-2, GW-3, MW-11, LFR-1, LFR-3 and LFR-4. Detectable methane concentrations ranged from 0.25 mg/L in B-10 to 12 mg/L in SOMA-2. Higher concentrations of methane indicate conditions conducive to anaerobic biodegradation. The contour map of methane concentrations in the groundwater is illustrated in Figure 14.

Oxygen Reduction Potential (ORP). The ORP of groundwater is a measure of electron activity and an indicator of the relative tendency of a solution to accept or transfer electrons. ORP may range from greater than 800 mV to less than -400 mV, with lower values expected in areas where anaerobic processes are occurring. ORP measurements obtained in this sampling event ranged from –137 mV in SOMA-2 to +62.9 mV in LFR-1.

Negative ORP values, detected in wells B-10, GW-4, LFR-2, LFR-4, SOMA-2, and SOMA-3, indicate that conditions in and near the apparent source area are conducive to anaerobic biodegradation. Positive redox potentials are more energetically favorable in utilizing electron acceptors during chemical reactions. This promotes the removal of organic mass from the contaminated groundwater by indigenous bacteria in the subsurface. Refer to Table 6 for detailed bioattentuation parameter trends.

2.4 Other Parameters

As outlined in Table 3:

Alkalinity: Alkalinity is a general water quality parameter. High alkalinity levels are a result of interaction between carbon dioxide (a product of several biodegradation processes) and aquifer minerals. Due to the inconclusive data collected during previous groundwater monitoring events in connection with the bioattenuation process, no alkalinity data was collected during the current and previous groundwater monitoring events.

Chloride: Chloride is the final product of the reduction of chlorinated solvents, and also a general water quality parameter. Due to the inconclusive data collected during the previous groundwater monitoring events in connection with the bioattenuation process, no chloride data was collected during this and previous groundwater monitoring events.

Carbon Dioxide: Carbon dioxide is a product of several biodegradation processes. Due to the inconclusive data collected during the previous groundwater monitoring events in connection with the bioattenuation process, no carbon dioxide data was collected during the recent groundwater monitoring events.

Iron: Ferric iron may be used as an electron acceptor during anaerobic biodegradation. During this process, ferric iron is reduced to ferrous iron that may be soluble in water. Ferric iron concentrations may be obtained by subtracting ferrous iron concentrations from total iron concentrations. Total iron was not detected in SOMA-1. Detectable total iron concentrations ranged from 0.14 mg/L in GW-3 to the equipment maximum allowable tolerance level of 3.30 mg/L in wells GW-4, LFR-2, LFR-4, and SOMA-2.

Nitrite: Nitrate may reduce to nitrite during the process of anaerobic biodegradation. Nitrite was below the equipment minimal tolerance level throughout the Site, except for wells GW-2, GW-3, and LFR-3. Nitrite was detected in wells GW-2, GW-3, and LFR-3 at 0.024 mg/L, 0.01 mg/L, and 0.005 mg/L, respectively.

Sulfide: When sulfate is used as an electron acceptor for anaerobic biodegradation it is reduced to sulfide. Due to the inconclusive data collected during the previous groundwater monitoring events in connection with the bioattenuation process, sulfide data was not collected during the current groundwater monitoring event.

pH, Temperature, and Conductivity: The pH of groundwater affects the activity of microbial populations in the groundwater, with optimal pH values ranging from

6 to 8 standard units for microbes capable of degrading PCE and other chlorinated aliphatic hydrocarbons. The groundwater temperature affects the metabolic activity of bacteria, and groundwater conductivity is directly related to the concentration of ions in solution. The pH, temperature, and conductivity values are included in Table 3.

3.0 FREE-PRODUCT REMOVAL ACTIVITIES

Prior to the installation of a skimmer pump in SOMA-4 on January 28, 2004, there were over 9 feet of free product on the surface of the groundwater in this well. On February 6, 2004, SOMA installed a flexible axial peristaltic pump (FAP system) in SOMA-4 to remove free product.

Figure 15 illustrates the historical free-product thickness measured in wells SOMA-4 and B-8. Since installation of the FAP system in February 2004, free product has significantly decreased in well SOMA-4. The thickness of free product in SOMA-4 has significantly reduced since June 2003.

In August 2004, SOMA converted borings B-3 and B-8 into wells for removal of free product from these locations. The FAP system was installed in SOMA-4 and B-8 to remove free product from these locations. As of December 13, 2006, approximately 1,735 gallons of free product and contaminated groundwater have been removed from these two wells, and transported off-site by NRC. SOMA has continued the free-product program for these wells, which includes actively checking levels of, and removing, free product. Table 7 shows the field observations for wells SOMA-4 and B-8.

4.0 CONCLUSIONS AND RECENT ACTIVITIES

Based on the data obtained during the First Semi-Annual 2007 groundwater monitoring event, our conclusions are as follows:

1. All analyzed constituents in the farthest downgradient well LFR-3 were below the laboratory-reporting limit, except for PCE (detected at 20 µg/L). Furthermore, all analyzed constituents in the farthest upgradient well, MW-11, were below the laboratory-reporting limit.

2. The data collected to date regarding the distribution of PCE and other VOCs in the groundwater demonstrate that PCE has degraded into some of its breakdown products. PCE levels in the source area have declined. For example, the level of PCE in SOMA-2 has dropped from 1,400 µg/L in 2001 to less than 42 µg/L. PCE typically degrades into TCE, then cis-1,2-DCE and then trans-1,2-DCE (at much lower concentrations than cis-1,2-DCE), then to vinyl chloride, ethane and ethene and finally carbon dioxide, water, and chloride. This sequence of degradation would be anticipated where biological reductive dehalogenation of PCE is occurring.

Some of these breakdown products and relative concentrations are present at the Site.

3. The presence of TCE in wells GW-2, GW-3, LFR-1, and SOMA-1 during the current sampling event demonstrates that PCE degradation is occurring. The presence of concentrations of cis-1,2-DCE in wells B-10, GW-2, GW-4, LFR-1, LFR-4, SOMA-1, SOMA-2, and SOMA-3 indicates biodegradation.

4. The results of DO, nitrate, manganese, sulfate, ferrous iron, methane, and ORP measurements demonstrate that conditions in the apparent source area are conducive to the reductive dechlorination processes.

5. In general, the apparent source area still appears to be in the region of wells SOMA-2, SOMA-3, SOMA-5, and B-10.

6. The PCE level found in LFR-3 (20 µg/L) was relatively low, and was below the level found in well GW-3 (400 µg/L). This is consistent with the results of the modeling study, which predicted that low levels of PCE could appear in the most downgradient monitoring well. However, based on the simulated results, the PCE plume in LFR-1 will gradually disappear in seven years. This is due to the natural bioattenuation of PCE caused by advection and dispersion processes.

SOMA recommends the following items:

1. Continuing the free-product program for wells B-8 and SOMA-4

2. Continuing to sample temporary well B-10 during the semiannual monitoring events

5.0 REFERENCES

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TABLES

Table 1
Construction Data for Temporary Sampling Points and Monitoring Wells
Former Glovatorium Site
3815 Broadway, Oakland, California

Location	Date Installed	Ground Surface Elevation (feet)	Top of Casing Elevation (feet)	Total Depth (feet)	Screen Interval Depth (feet)	Screen Interval Elevation (feet)
Temporary Sampling Points Installed by Geosolv, LLC						
B-2	19-Aug-97	82.20	82.09	21	5 to 21	77.2 to 61.2
B-3[1]	19-Aug-97	82.60	82.57	18	5 to 18	77.6 to 64.6
B-7	20-Aug-97	77.33	76.96	17.5	5 to 17.5	72.3 to 59.8
B-8	20-Aug-97	82.06	81.82	24	9 to 24	73.1 to 58.1
B-9	21-Aug-97	77.57	77.37	19.5	4.5 to 19.5	73.1 to 58.1
B-10	21-Aug-97	81.65	81.50	19	4 to 9	77.7 to 62.7
B-13	22-Aug-97	85.12	84.58	20	5 to 20	80.1 to 65.1
Temporary Sampling Points Installed by LFR						
GW-1	16-Jul-99	80.24	79.94	8	3 to 8	77.2 to 72.2
GW-2	16-Jul-99	79.44	79.14	20	10 to 20	69.4 to 59.4
GW-3	15-Jul-99	78.48	77.92	20	10 to 20	68.5 to 58.5
GW-4	16-Jul-99	82.55	82.37	12	7 to 12	75.6 to 70.6
GW-5	15-Jul-99	81.31	81.01	13	8 to 13	73.3 to 68.3
GW-6[2]	15-Jul-99	81.91	81.65	13.5	7.5 to 13.5	74.4 to 68.4
GW-6A[2]	16-Jul-99	81.93	81.61	15	5 to 15	76.9 to 66.9
GW-7[2]	15-Jul-99	81.30	NS	20	10 to 20	71.3 to 61.3
GW-8[2]	16-Jul-99	80.28	80.10	20	10 to 20	70.3 to 60.3
Temporary Sampling Points Installed by TOSCO						
MW-8	unknown	NS	87.44	unknown	unknown	unknown
MW-9	unknown	NS	86.56	unknown	unknown	unknown
MW-11	unknown	NS	84.13	unknown	unknown	unknown
Groundwater Monitoring Wells Installed by LFR						
LFR-1	28-Jul-00	NS	79.97	19	9 to 19	unknown
LFR-2	27-Jul-00	NS	81.89	19	9 to 19	unknown
LFR-3	27-Jul-00	NS	77.96	22	12 to 22	unknown
LFR-4	28-Jul-00	NS	81.65	19	9 to 19	unknown
Groundwater Monitoring Wells Installed by SOMA						
SOMA-1	4-Oct-01	82.31	81.64	40	25 to 40	42.31 to 57.71
SOMA-2	11-Oct-01	81.62	81.39	20	10 to 20	61.62 to 71.62
SOMA-3	11-Oct-01	81.65	81.42	30	21 to 26	60.65 to 71.51
SOMA-4	12-Oct-01	81.51	81.09	20	10 to 20	61.51 to 71.51
SOMA-5	12-Oct-01	61.68	81.50	26	21 to 26	55.68 to 60.68

Notes:

[1] Top of casing surveyed on south side on January 21, 2000, because the casing was broken.

[2] GW-7 was abandoned on July 15, 1999, in accordance with LFR's workplan dated May 6, 1999. GW-6 and GW-8 were abandoned on July 26, 2000, in accordance with LFR's workplan dated June 14, 2000.

NS = Not surveyed.

Table 2
Historical Groundwater Elevation Data (feet)
Former Glovatorium Site
3815 Broadway, Oakland, California

Date	B-2	B-3	B-7	B-8	B-9	B-10	B-13
28-Feb-07	**78.13**	**76.18**	**Dry**	**70.80**	**70.14**	**74.18**	**75.77**
05-Jul-06	74.24	74.86	68.78	62.47	68.81	72.70	75.66
05-Jan-06	79.72	77.85	71.76	74.02	71.28	74.91	NM
05-Jul-05	74.49	75.23	69.05	NM	69.05	72.91	DRY
1-Feb-05	75.67	76.19	72.85	NM	69.76	73.54	75.90
03-Aug-04	73.52	73.46	68.03	73.90	68.22	72.13	75.57
29-Jan-04	74.99	75.31	70.01	NM	69.24	73.07	75.66
29-Jul-03	73.99	73.83	68.53	72.39	68.67	72.58	75.80
18-Feb-03	75.83	75.55	69.94	73.01	70.00	73.87	75.77
22-Oct-02	73.29	73.06	67.98	71.43	68.10	72.09	NM
17-Jul-02	74.02	73.82	NM	72.37	68.59	72.51	NM
16-Apr-02	75.16	75.34	69.41	73.54	69.38	73.21	NM
31-Jan-02	77.35 (FP)	77.16 (FP 0.5')	70.79	75.03 (FP 0.5')	70.43	74.14	77.53 (FP 0.7')
18-Oct-01	73.26 (0.25' FP)	73.24 (1' FP)	67.89	69.51 (2.1' FP)	67.98	71.96	DRY
26-Jul-01	73.86	73.17	68.69	70.41	68.73	72.61	DRY
26-Apr-01	75.26	74.00	69.60	73.19	69.80	73.61	
29-Jan-01	74.63	75.06	69.11	74.23	69.33	73.20	
2-Nov-00							
31-Oct-00							
30-Oct-00	74.34	74.84 (FP)	69.01	73.32	69.42	73.35	DRY
10-Aug-00							
9-Aug-00	73.9 (FP)	74.55 (FP)	68.61	72.8 (FP)	68.82	72.65	75.23
27-Apr-00	75.41 (FP)	75.86 (FP)	69.85 (FP)	74.14 (FP)	69.96	73.70	75.87
25-Jan-00							
24-Jan-00	75.93 (FP)	75.83	69.66 (FP)	72.84	70.25 (FP)	74.15(FP)	
21-Jan-00							76.32
20-Jan-00							
19-Jan-00	73.97 (FP)	73.22 (2)	68.6 (FP)	71.81 (FP)	68.91(FP)	73.02(FP)	74.18
27-Aug-99							
18-Feb-98	78.16 (1)	78.04 (1)	71.57 (1)	76.64 (1)	71.44(1)	75.13(1)	78.51(1)
26-Oct-97	72.66 (1)	73.64 (1)	68.09 (1)	71.11 (1)	68.39(1)	72.26(1)	73.02(1)

Table 2
Historical Groundwater Elevation Data (feet)
Former Glovatorium Site
3815 Broadway, Oakland, California

Date	GW-1	GW-2	GW-3	GW-4	GW-5	GW-6A	GW-8	MW-8	MW-9	MW-11
28-Feb-07	**72.31**	**69.95**	**68.39**	**74.90**	**69.73**	**68.13**	**NM**	**79.05**	**78.64**	**71.30**
05-Jul-06	71.94	69.74	66.49	70.37	68.96	68.01	NM	77.74	77.72	72.47
05-Jan-06	72.13	70.29	68.06	75.08	70.59	69.01	NM	80.66	79.96	71.51
5-Jul-05	DRY	69.38	67.03	73.57	69.53	68.03	NM	77.81	77.73	70.21
1-Feb-05	72.13	68.72	67.91	74.40	69.89	68.04	NM	78.46	78.42	71.68
3-Aug-04	72.13	68.19	67.54	72.54	69.46	67.93	NM	NM	NM	73.22
29-Jan-04	NM	68.37	68.05	74.69	68.71	68.00	NM	77.82	78.76	74.08
29-Jul-03	NM*	68.69	67.67	72.61	68.82	67.97	NM	77.44	77.11	73.78
18-Feb-03	NM*	69.02	68.26	74.75	70.35	67.97	NM	78.82	78.59	74.68
22-Oct-02	NM*	67.92	67.78	71.70	68.67	67.85	NM	76.89	76.51	73.12
17-Jul-02	NM*	68.61	67.78	72.65	68.76	67.95	NM	77.27	77.12	73.90
16-Apr-02	NM	69.76	68.14	74.11	68.68	68.07	NM	77.97	NM	74.98
31-Jan-02	-	69.77	68.28	74.83	68.78	68.06		78.86	79.41	75.48
18-Oct-01	NM	67.91	67.67	74.22	68.41	67.81		76.81	76.46	72.97
26-Jul-01	NM	68.55	67.84	73.85	68.77	68.00		77.40	77.03	73.73
26-Apr-01	NM	69.41	67.93	74.59	68.43	68.43				74.81
29-Jan-01	71.99	68.62	67.89	74.92	68.61	67.90		78.14	77.95	73.79
2-Nov-00								78.38	78.31	
31-Oct-00										
30-Oct-00		68.45	67.95	74.55	68.64	68.16				73.62
10-Aug-00								77.26	77.14	
9-Aug-00	DRY	69.11	66.54	DRY	68.71	67.88				74.12
27-Apr-00	DRY	70.59	68.16	73.97	68.70	68.00	71.34	79.15	77.25	75.35
25-Jan-00										73.48
24-Jan-00										
21-Jan-00		68.32		74.33						
20-Jan-00			67.93		68.61		70.42			
19-Jan-00	DRY	68.24	67.86	74.71	68.61	67.63	70.44			
27-Aug-99	DRY	68.46	67.66	NM	68.71	67.71	70.60			
18-Feb-98										
26-Oct-97										

Table 2
Historical Groundwater Elevation Data (feet)
Former Glovatorium Site
3815 Broadway, Oakland, California

Date	LFR-1	LFR-2	LFR-3	LFR-4	SOMA-1	SOMA-2	SOMA-3	SOMA-4	SOMA-5
28-Feb-07	**70.98**	**73.41**	**67.90**	**69.99**	**69.10**	**73.73**	**70.96**	**71.63**	**61.57**
05-Jul-06	70.36	71.29	67.60	69.33	68.99	72.59	71.02	71.11	78.70
05-Jan-06	70.97	74.56	69.04	NM	70.11	74.60	71.99	FP	76.78
5-Jul-05	70.26	71.52	67.45	69.31	68.55	72.78	70.65	FP	78.66
1-Feb-05	70.61	72.64	68.09	NM	69.08	73.20	71.05	NM	78.92
3-Aug-04	70.13	70.70	66.42	NM	67.24	69.34	72.03	NM	62.18
28-Jan-04	70.41	NM	67.44	69.13	68.33	70.35	73.00	FP	58.50
29-Jul-03	70.18	70.96	66.71	68.37	67.84	69.84	72.48	FP	57.18
18-Feb-03	70.63	73.08	67.61	69.44	68.77	70.74	73.77	NM	56.59
22-Oct-02	70.00	70.48	66.13	67.85	66.92	69.00	72.01	NM	59.43
17-Jul-02	70.18	70.98	67.67	68.33	67.62	72.40	69.64	NM	59.53
16-Apr-02	70.36	71.71	67.60	69.27	68.85	73.06	70.90	68.56	59.48
31-Jan-02	70.56	71.92	67.72	NM	69.36	73.98	71.46	69.79(FP 2.5')	57.38
18-Oct-01	70.04	70.53	66.09	67.74	67.89	71.86	68.32	69.77	NM
26-Jul-01	70.16	70.92	66.56	68.33					
26-Apr-01	70.23	71.90	67.62	68.87					
29-Jan-01	70.44	72.04	66.96	67.92					
2-Nov-00									
31-Oct-00				68.14					
30-Oct-00	70.22	71.62	66.99						
10-Aug-00									
9-Aug-00	70.16	69.99	66.76	68.39					
27-Apr-00									
25-Jan-00									
24-Jan-00									
21-Jan-00									
20-Jan-00									
19-Jan-00									
27-Aug-99									
18-Feb-98									
26-Oct-97									

Notes:

1= Survey elevation and water-level measurement taken at concrete surface. Elevations and water levels without a "1" were measured from top of casing.

2= Top of the casing was re-surveyed because it was broken.

NM: not measured

FP= Floating product or sheen was observed.

* Monitoring well GW-1 was dry

Table 3
Historical Analytical Results and Field Measurements for
Dissolved Ions and Gas, pH, Temperature, and Electrical Conductivity in Groundwater Samples
Former Glovatorium Site
3815 Broadway, Oakland, California

Well Name	Date Sampled	Alkalinity (mg/L)	Chloride (mg/L)	Carbon Dioxide (mg/L)	Total Iron (mg/L)	Nitrite (mg/L)	Sulfide (mg/L)	Ethane (mg/L)	Ethene (mg/L)	pH	Temp (°C)	Electrical Conductivity (µS/cm)
Temporary Sampling Points Installed by Geosolv, LLC												
B-7	11-Aug-00	760	39	202				<0.0005	<0.0005	6.86	17.55	1279
B-7 field	11-Aug-00					-1.00	0.05					
	31-Oct-00	760	42	200	14.00	<0.1	<2.0					
B-7 field	31-Oct-00				17.22	-1.00	-1.00			6.16	16.05	1454
	31-Jan-00	720	43	170	12.00	<0.1	<2.0					
B-7 field	31-Jan-00									6.79	13.90	1424
	26-Apr-01				>3.3	0.24				6.59	16.30	1340
	26-Jul-01				15.30	0.02				6.39	15.97	1400
B-10 field	10-Aug-00					0.02	0.06					
B-10	31-Oct-00	500	76	120	6.60	<0.1	<2.0					
	31-Oct-00				8.35	0.00	0.00			6.21	16.62	1051
	31-Jan-01	480	81	72	6.10	<0.1	<2.0					
	31-Jan-01				1.44	0.07				6.81	14.66	1117
	11-Jun-01				1.31					6.65	16.70	1090
	26-Jul-01				6.50	0.00				6.38	16.09	1160
	10-Aug-01	520	74	145	6.00	<0.05	<0.04	<0.0005	0.00	6.86	16.80	1130
	6-Jul-05	NM	NM	NM	3.30	0.348	NM	<0.005	<0.005	6.70	16.55	1420
	9-Jan-06	NM	NM	NM	3.30	0.000	NM	<0.005	<0.005	6.68	16.48	1410
	6-Jul-06	NM	NM	NM	3.30	0.122	NM	<0.005	<0.005	7.19	15.80	1170
	1-Mar-07	**NM**	**NM**	**NM**	**3.20**	**0.000**	**NM**	**<0.005**	**<0.005**	**7.12**	**10.79**	**776**
Temporary Sampling Points Installed by LFR												
GW-2	01-Nov-00									6.31	18.97	1218
	30-Jan-01			63								
GW-2 field	31-Jan-01									6.82	13.75	846
	26-Apr-01				0.02					6.80	19.50	874
	26-Jul-01				0.03	0.02				6.74	20.30	803
	19-Oct-01	NM	NM	NM	NM	NM	NM	NM	NM	6.84	21.30	786

Table 3
Historical Analytical Results and Field Measurements for
Dissolved Ions and Gas, pH, Temperature, and Electrical Conductivity in Groundwater Samples
Former Glovatorium Site
3815 Broadway, Oakland, California

Well Name	Date Sampled	Alkalinity (mg/L)	Chloride (mg/L)	Carbon Dioxide (mg/L)	Total Iron (mg/L)	Nitrite (mg/L)	Sulfide (mg/L)	Ethane (mg/L)	Ethene (mg/L)	pH	Temp (^{o}C)	Electrical Conductivity (µS/cm)
GW-2 cont.	31-Jan-02	NM	NM	NM	1.05	0.01	NM	NM	NM	6.70	17.70	797
	16,17-Apr-02	NM	NM	NM	0.65	0.02	NM	NM	NM	6.38	17.00	707
	17,18-Jul-02	NM	NM	NM	1.39	0.00	NM	NM	NM	6.35	17.75	798
	23-Oct-02	NM	NM	NM	0.12	0.04	NM	NM	NM	6.73	19.78	670
	19-Feb-03	NM	NM	NM	0.10	0.02	NM	NM	NM	6.86	18.10	607
	29-Jul-03	NM	NM	NM	0.00	0.00	NM	NM	NM	7.26	20.10	651
	29-Jan-04	NM	NM	NM	0.00	0.00	NM	NM	NM	6.72	18.00	542
	4-Aug-04	NM	NM	NM	0.00	0.00	NM	NM	NM	6.85	19.92	561
	2-Feb-05	NM	NM	NM	0.00	0.00	NM	NM	NM	6.82	18.34	503
	6-Jul-05	NM	NM	NM	0.00	0.00	NM	<0.005	<0.005	6.78	19.07	529
	6-Jan-06	NM	NM	NM	0.00	0.000	NM	<0.005	<0.005	6.88	17.89	510
	6-Jul-06	NM	NM	NM	0.00	0.000	NM	<0.005	<0.005	6.99	17.80	657
	28-Feb-07	**NM**	**NM**	**NM**	**0.37**	**0.024**	**NM**	**<0.005**	**<0.005**	**6.27**	**16.70**	**544**
GW-3	11-Aug-00	340	25	54				<0.0005	<0.0005	7.05	21.43	860
GW-3 field	11-Aug-00					0.05	-1.00					
GW-3 field	1-Nov-00									6.52	18.83	967
	1-Feb-01			54								
GW-3 field	29-Jan-01									6.89	17.29	602
	11-Jun-01				0.00	0.70				5.68	16.20	673
	26-Jul-01				0.14	0.00				6.53	22.25	547
	19-Oct-01	NM	NM	NM	0.00	NM	NM	NM	NM	6.84	22.56	590
	31-Jan-02	NM	NM	NM	0.14	0.01	NM	NM	NM	6.70	18.40	593
	16,17-Apr-02	NM	NM	NM	0.00	0.00	NM	NM	NM	6.64	16.61	526
	17,18-Jul-02	NM	NM	NM	1.08	0.01	NM	NM	NM	6.32	17.10	545
	23-Oct-02	NM	NM	NM	0.00	0.00	NM	NM	NM	6.36	19.80	425
	19-Feb-03	NM	NM	NM	0.08	0.01	NM	NM	NM	6.77	17.80	412
	29-Jul-03	NM	NM	NM	0.00	0.00	NM	NM	NM	7.07	19.40	490
	29-Jan-04	NM	NM	NM	0.00	0.00	NM	NM	NM	6.65	18.20	450
	3-Aug-04	NM	NM	NM	0.00	0.00	NM	NM	NM	6.74	20.20	436
	2-Feb-05	NM	NM	NM	0.00	0.00	NM	NM	NM	6.28	19.39	445
	6-Jul-05	NM	NM	NM	0.00	0.00	NM	<0.005	<0.005	6.90	18.99	415
	6-Jan-06	NM	NM	NM	0.00	0.000	NM	<0.005	<0.005	6.89	18.75	471
	6-Jul-06	NM	NM	NM	0.00	0.000	NM	<0.005	<0.005	6.90	17.30	560
	1-Mar-07	**NM**	**NM**	**NM**	**0.14**	**0.010**	**NM**	**<0.005**	**<0.005**	**6.59**	**16.15**	**518**

Table 3
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Dissolved Ions and Gas, pH, Temperature, and Electrical Conductivity in Groundwater Samples
Former Glovatorium Site
3815 Broadway, Oakland, California

Well Name	Date Sampled	Alkalinity (mg/L)	Chloride (mg/L)	Carbon Dioxide (mg/L)	Total Iron (mg/L)	Nitrite (mg/L)	Sulfide (mg/L)	Ethane (mg/L)	Ethene (mg/L)	pH	Temp (°C)	Electrical Conductivity (µS/cm)
GW-4	30-Jan-01									6.60	13.48	479
	26-Jul-01				2.00	0.04				6.45	19.44	827
	19-Oct-01	NM	NM	NM	11.00	NM	NM	NM	NM	6.79	18.36	732
	31-Jan-02	NM	NM	NM	12.70	0.01	NM	NM	NM	6.50	12.00	414
	16,17-Apr-02	NM	NM	NM	6.40	0.03	NM	NM	NM	6.34	13.98	467
	17,18-Jul-02	NM	NM	NM	>3.3	0.03	NM	NM	NM	6.49	21.93	572
	23-Oct-02	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	19-Feb-03	NM	NM	NM	3.30	0.00	NM	NM	NM	6.67	13.60	466
	30-Jul-03	NM	NM	NM	3.30	0.00	NM	NM	NM	7.30	18.70	430
	29-Jan-04	NM	NM	NM	3.30	0.00	NM	NM	NM	6.85	13.00	534
	3-Aug-04	NM	NM	NM	3.30	0.00	NM	NM	NM	6.96	22.62	509
	1-Feb-05	NM	NM	NM	3.30	0.00	NM	NM	NM	6.80	13.25	382
	6-Jul-05	NM	NM	NM	3.30	0.028	NM	<0.005	<0.005	6.98	18.71	403
	5-Jan-06	NM	NM	NM	3.30	0.000	NM	<0.005	<0.005	6.72	17.98	610
	28-Feb-07	**NM**	**NM**	**NM**	**3.30**	**0.000**	**NM**	**<0.01**	**<0.01**	**6.70**	**12.63**	**369**
Monitoring Wells Owned by TOSCO												
MW-11	10-Aug-00	360	110	216	0.13	<0.05	<0.04	<0.0005	<0.0005	6.47	21.00	1
MW-11 field	10-Aug-00					0.04	0.00					
	1-Nov-00	300	120	190	<0.05	<0.1	<2.0					
MW-11 field	1-Nov-00				0.01	0.00	-1.00			5.83	20.13	1
	31-Jan-01	330	130	150	<0.05	<0.1	<2.0					
MW-11 field	31-Jan-01									6.35	13.67	1
	26-Apr-01				0.01					5.67	18.00	1210
	26-Jul-01				0.00	0.02				6.02	19.85	1120
	19-Oct-01	NM	NM	NM	0.00	NM	NM	NM	NM	6.41	21.25	130
	31-Jan-02	NM	NM	NM	0.05	0.04	NM	NM	NM	6.60	18.50	1090
	16,17-Apr-02	NM	NM	NM	0.00	0.00	NM	NM	NM	5.87	18.70	1150
	17,18-Jul-02	NM	NM	NM	0.00	0.02	NM	NM	NM	6.27	18.37	1180
	23-Oct-02	NM	NM	NM	0.00	0.04	NM	NM	NM	6.62	20.81	1220
	18-Feb-03	NM	NM	NM	0.00	0.04	NM	NM	NM	6.49	19.50	1170
	30-Jul-03	NM	NM	NM	0.00	0.00	NM	NM	NM	6.92	19.70	941
	29-Jan-04	NM	NM	NM	0.00	1.80	NM	NM	NM	6.61	19.00	1000
	3-Aug-04	NM	NM	NM	0.00	0.00	NM	NM	NM	8.86	21.70	825
	1-Feb-05	NM	NM	NM	0.00	0.00	NM	NM	NM	6.43	20.55	856
	5-Jul-05	NM	NM	NM	0.13	0.00	NM	<0.005	<0.005	6.16	20.25	1130
	5-Jan-06	NM	NM	NM	0.00	0.000	NM	<0.005	<0.005	6.39	20.61	817
	5-Jul-06	NM	NM	NM	0.00	0.000	NM	<0.005	<0.005	6.61	19.10	1120
	28-Feb-07	**NM**	**NM**	**NM**	**0.74**	**0.000**	**NM**	**<0.005**	**<0.005**	**6.71**	**16.34**	**1100**

Table 3
Historical Analytical Results and Field Measurements for
Dissolved Ions and Gas, pH, Temperature, and Electrical Conductivity in Groundwater Samples
Former Glovatorium Site
3815 Broadway, Oakland, California

Well Name	Date Sampled	Alkalinity (mg/L)	Chloride (mg/L)	Carbon Dioxide (mg/L)	Total Iron (mg/L)	Nitrite (mg/L)	Sulfide (mg/L)	Ethane (mg/L)	Ethene (mg/L)	pH	Temp (°C)	Electrical Conductivity (µS/cm)
Monitoring Wells Installed by LFR												
LFR-1	11-Aug-00	250	110					<0.0005	<0.0005	6.97	19.73	936
LFR-1 field	09-Aug-00			51		0.02	-1.00					
	30-Oct-00	240	100	25	<0.05	<0.1	<2					
LFR-1 field/sp	30-Oct-00				0.01/0.01	0.031/0.036	0.001/0.001			6.38	17.94	697
LFR-1-spl	30-Oct-00	220	100	40	<0.05	<0.1	<2					
	29-Jan-01	150	76	28	<0.05	<0.1	<2					
LFR-1 field	29-Jan-01				0.00	0.04				6.82	15.00	870
LFR-1 Dup	29-Jan-01	150	75	26	<0.05	<0.1	<2					
	26-Apr-01				0.00					5.76	16.80	980
	26-Jul-01				0.05	0.01				6.48	19.38	772
	26-Jul-01	NM	NM	NM	0.42	NM	NM	NM	NM	6.73	20.83	661
	31-Jan-02	NM	NM	NM	0.03	0.01	NM	NM	NM	6.50	16.50	879
	16,17-Apr-02	NM	NM	NM	0.75	0.02	NM	NM	NM	5.88	16.37	1120
	17,18-Jul-02	NM	NM	NM	0.22	0.01	NM	NM	NM	6.40	17.02	832
	23-Oct-02	NM	NM	NM	0.30	0.00	NM	NM	NM	6.54	20.09	803
	18-Feb-03	NM	NM	NM	0.40	0.00	NM	NM	NM	6.47	16.90	607
	30-Jul-03	NM	NM	NM	0.02	0.00	NM	NM	NM	6.92	19.20	1330
	29-Jan-04	NM	NM	NM	0.00	5.10	NM	NM	NM	6.62	18.00	830
	4-Aug-04	NM	NM	NM	0.47	0.00	NM	NM	NM	6.39	19.01	1260
	2-Jan-05	NM	NM	NM	0.00	0.00	NM	NM	NM	6.73	17.80	744
	6-Jul-05	NM	NM	NM	0.09	0.002	NM	<0.005	<0.005	6.69	18.26	1360
	6-Jan-06	NM	NM	NM	0.03	0.000	NM	<0.005	<0.005	6.31	19.06	1260
	6-Jul-06	NM	NM	NM	0.00	0.000	NM	<0.005	<0.005	6.59	17.10	1270
	1-Mar-07	**NM**	**NM**	**NM**	**0.45**	**0.000**	**NM**	**<0.005**	**<0.005**	**6.15**	**14.51**	**787**
LFR-2	11-Aug-00	590	33	174				<0.0005	0.00	7.15	19.87	1088
LFR-2 field	11-Aug-00				2.95	-1.00	0.01					
	02-Nov-00	550	40	180	6.20	<0.1	<2					
LFR-2 field	02-Nov-00				7.45	0.01	0.00			6.19	19.67	1306
	30-Jan-01	480	21	130	4.60	<0.1	<2					
LFR-2 field	30-Jan-01				1.04	0.01				6.60	12.73	945
	27-Apr-01				2.97					5.64	16.40	921
	26-Jul-01				4.60	0.01				6.31	18.66	970
	18-Oct-01	NM	NM	NM	8.20	NM	NM	NM	NM	6.78	19.56	109

Table 3
Historical Analytical Results and Field Measurements for
Dissolved Ions and Gas, pH, Temperature, and Electrical Conductivity in Groundwater Samples
Former Glovatorium Site
3815 Broadway, Oakland, California

Well Name	Date Sampled	Alkalinity (mg/L)	Chloride (mg/L)	Carbon Dioxide (mg/L)	Total Iron (mg/L)	Nitrite (mg/L)	Sulfide (mg/L)	Ethane (mg/L)	Ethene (mg/L)	pH	Temp (°C)	Electrical Conductivity (µS/cm)
LFR-2 cont.	31-Jan-02	NM	NM	NM	1.97	0.05	NM	NM	NM	6.50	16.60	644
	16,17-Apr- 02	NM	NM	NM	7.60	0.06	NM	NM	NM	6.19	16.43	845
	17,18-Jul-02	NM	NM	NM	8.80	0.00	NM	NM	NM	6.52	16.24	986
	23-Oct-02	NM	NM	NM	3.30	0.06	NM	NM	NM	6.84	18.09	812
	18-Feb-03	NM	NM	NM	3.30	0.00	NM	NM	NM	6.50	16.90	617
	30-Jul-03	NM	NM	NM	3.30	0.00	NM	NM	NM	7.15	17.30	861
	29-Jan-04	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	4-Aug-04	NM	NM	NM	3.30	0.00	NM	NM	NM	6.76	17.39	795
	1-Feb-05	NM	NM	NM	2.25	0.00	NM	NM	NM	6.46	17.68	559
	5-Jul-05	NM	NM	NM	3.30	0.00	NM	<0.005	<0.005	6.56	18.18	712
	5-Jan-06	NM	NM	NM	3.30	0.000	NM	<0.005	<0.005	6.58	18.23	721
	6-Jul-06	NM	NM	NM	3.30	0.000	NM	<0.005	<0.005	6.91	17.90	679
	28-Feb-07	**NM**	**NM**	**NM**	**3.30**	**0.000**	**NM**	**<0.025**	**<0.025**	**6.41**	**16.54**	**782**
LFR-3	10-Aug-00	310	85	162	<0.1	0.15	0.04	<0.0005	<0.0005	6.57	19.92	951
LFR-3 split	10-Aug-00	300	85	152				<0.0005	<0.0005			
LFR-3 field	10-Aug-00					0.06	-1.00					
	01-Nov-00	350	66	160	<0.05	<0.1	<2					
LFR-3 field	01-Nov-00				0.01	0.01	0.00			6.16	17.71	1164
	30-Jan-01	250	31	71	<0.05	<0.1	<2					
LFR-3 field	30-Jan-01				0.03					6.64	17.29	541
	11-Jun-01				0.01					5.43	18.00	613
	26-Jul-01				0.70	0.03				6.25	20.50	602
	18-Oct-01	NM	NM	NM	0.12	NM	NM	NM	NM	6.50	21.39	645
	31-Jan-02	NM	NM	NM	0.06	0.02	NM	NM	NM	6.30	19.10	566
	16,17-Apr-02	NM	NM	NM	1.20	0.04	NM	NM	NM	5.78	18.68	566
	17,18-Jul-02	NM	NM	NM	0.08	0.01	NM	NM	NM	6.17	18.42	585
	23-Oct-02	NM	NM	NM	1.35	0.00	NM	NM	NM	6.32	20.65	457
	19-Feb-03	NM	NM	NM	0.74	0.00	NM	NM	NM	6.34	19.30	497
	30-Jul-03	NM	NM	NM	0.00	0.00	NM	NM	NM	6.87	19.80	457
	29-Jan-04	NM	NM	NM	1.70	0.00	NM	NM	NM	6.60	20.00	393
	3-Aug-04	NM	NM	NM	0.34	0.00	NM	NM	NM	6.24	19.96	415
	2-Feb-05	NM	NM	NM	0.12	0.00	NM	NM	NM	6.17	20.06	381
	5-Jul-05	NM	NM	NM	3.30	0.205	NM	<0.005	<0.005	6.39	20.01	463
	9-Dec-05	NM	NM	NM	NM	NM	NM	<0.005	<0.005	NM	NM	NM
	6-Jan-06	NM	NM	NM	2.16	0.001	NM	<0.005	<0.005	6.27	20.42	461
	5-Jul-06	NM	NM	NM	0.00	0.000	NM	<0.005	<0.005	6.56	20.10	640
	1-Mar-07	**NM**	**NM**	**NM**	**1.03**	**0.005**	**NM**	**<0.005**	**<0.005**	**6.17**	**17.44**	**514**

Table 3
Historical Analytical Results and Field Measurements for
Dissolved Ions and Gas, pH, Temperature, and Electrical Conductivity in Groundwater Samples
Former Glovatorium Site
3815 Broadway, Oakland, California

Well Name	Date Sampled	Alkalinity (mg/L)	Chloride (mg/L)	Carbon Dioxide (mg/L)	Total Iron (mg/L)	Nitrite (mg/L)	Sulfide (mg/L)	Ethane (mg/L)	Ethene (mg/L)	pH	Temp (°C)	Electrical Conductivity (µS/cm)
LFR-4	11-Aug-00	630	71	161				<0.0005	<0.0005	6.90	20.11	1240
LFR-4 FB	10-Aug-00							<0.0005	<0.0005			
LFR-4 field	11-Aug-00				0.22	0.02	0.00					
	31-Oct-00	490	28	130	1.00	<0.1	<2					
LFR-4 field	31-Oct-00				0.67	0.02	0.00			6.21	18.11	830
	01-Feb-01	460	25	120	1.30	<0.1	<2					
LFR-4 field	01-Feb-01				1.43	0.02				6.55	15.28	916
	27-Apr-01				1.44					5.79	18.30	1060
	26-Jul-01				0.95	0.00				6.26	19.23	866
	16,17-Apr-02	NM	NM	NM	5.10	0.03	NM	NM	NM	6.19	18.04	925
	17,18-Jul-02	NM	NM	NM	>3.3	0.01	NM	NM	NM	5.92	17.28	878
	23-Oct-02	NM	NM	NM	3.30	0.00	NM	NM	NM	6.69	19.90	602
	19-Feb-03	NM	NM	NM	3.30	0.00	NM	NM	NM	6.38	19.10	994
	29-Jul-03	NM	NM	NM	3.30	0.00	NM	NM	NM	6.94	19.00	994
	29-Jan-04	NM	NM	NM	0.71	0.00	NM	NM	NM	6.53	19.50	689
	5-Jul-05	NM	NM	NM	3.30	0.00	NM	<0.005	<0.005	6.49	19.20	772
	5-Jan-06	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	5-Jul-06	NM	NM	NM	3.30	0.000	NM	<0.005	<0.005	6.75	18.90	912
	1-Mar-07	**NM**	**NM**	**NM**	**3.30**	**0.000**	**NM**	**<0.01**	**<0.01**	**6.46**	**15.75**	**972**
Monitoring Wells Installed by SOMA												
SOMA-1	19-Oct-01	NM	NM	NM	0.75	NM	NM	NM	NM	6.77	18.15	146
	31-Jan-02	NM	NM	NM	0.00	0.00	NM	NM	NM	6.70	17.50	1160
	16,17-Apr-02	NM	NM	NM	0.17	0.03	NM	NM	NM	6.01	17.98	1280
	17,18-Jul-02	NM	NM	NM	0.11	0.01	NM	NM	NM	6.52	16.21	1270
	23-Oct-02	NM	NM	NM	0.24	0.01	NM	NM	NM	6.60	17.77	1270
	19-Feb-03	NM	NM	NM	0.00	0.01	NM	NM	NM	6.33	17.40	1350
	30-Jul-03	NM	NM	NM	0.00	0.00	NM	NM	NM	6.90	17.80	1300
	29-Jan-04	NM	NM	NM	2.10	0.00	NM	NM	NM	6.51	17.60	959
	3-Aug-04	NM	NM	NM	0.00	0.00	NM	NM	NM	6.42	17.89	956
	1-Feb-05	NM	NM	NM	0.00	0.00	NM	NM	NM	6.26	17.70	985
	5-Jul-05	NM	NM	NM	0.19	0.00	NM	<0.005	<0.005	6.36	19.36	1220
	5-Jan-06	NM	NM	NM	0.00	0.000	NM	<0.005	<0.005	6.54	18.02	926
	5-Jul-06	NM	NM	NM	0.30	0.011	NM	<0.005	<0.005	6.68	18.40	1150
	28-Feb-07	**NM**	**NM**	**NM**	**0.00**	**0.000**	**NM**	**<0.005**	**<0.005**	**6.10**	**17.17**	**1140**

Table 3
Historical Analytical Results and Field Measurements for
Dissolved Ions and Gas, pH, Temperature, and Electrical Conductivity in Groundwater Samples
Former Glovatorium Site
3815 Broadway, Oakland, California

Well Name	Date Sampled	Alkalinity (mg/L)	Chloride (mg/L)	Carbon Dioxide (mg/L)	Total Iron (mg/L)	Nitrite (mg/L)	Sulfide (mg/L)	Ethane (mg/L)	Ethene (mg/L)	pH	Temp (^{o}C)	Electrical Conductivity (µS/cm)
SOMA-2	19-Oct-01	NM	NM	NM	44.00	NM	NM	NM	NM	6.87	16.93	122
	31-Jan-02	NM	NM	NM	10.50	0.34	NM	NM	NM	6.90	15.20	1140
	16,17-Apr-02	NM	NM	NM	8.70	0.01	NM	NM	NM	6.30	15.25	1170
	17,18-Jul-02	NM	NM	NM	>3.3	0.00	NM	NM	NM	6.86	14.19	1170
	23-Oct-02	NM	NM	NM	3.30	0.00	NM	NM	NM	6.97	16.47	1380
	19-Feb-03	NM	NM	NM	2.93	0.01	NM	NM	NM	6.86	15.70	1420
	29-Jul-03	NM	NM	NM	1.37	0.00	NM	NM	NM	7.91	16.80	1290
	28-Jan-04	NM	NM	NM	0.00	0.00	NM	NM	NM	6.65	16.60	835
	4-Aug-04	NM	NM	NM	0.34	0.00	NM	NM	NM	6.78	16.76	1180
	2-Feb-05	NM	NM	NM	3.30	0.00	NM	NM	NM	6.52	15.96	1310
	6-Jul-05	NM	NM	NM	3.30	0.00	NM	<0.005	<0.005	6.64	16.12	1290
	9-Jan-06	NM	NM	NM	3.30	0.001	NM	<0.005	<0.005	6.92	16.30	982
	6-Jul-06	NM	NM	NM	3.30	0.000	NM	<0.005	<0.005	7.08	16.00	1170
	1-Mar-07	**NM**	**NM**	**NM**	**3.30**	**0.000**	**NM**	**<0.025**	**<0.025**	**7.24**	**10.16**	**1288**
SOMA-3	19-Oct-01	NM	NM	NM	0.40	NM	NM	NM	NM	6.91	17.09	158
	31-Jan-02	NM	NM	NM	0.78	0.38	NM	NM	NM	6.50	14.90	1320
	16,17-Apr-02	NM	NM	NM	1.03	0.00	NM	NM	NM	6.23	15.83	1260
	17,18-Jul-02	NM	NM	NM	>3.3	0.00	NM	NM	NM	6.77	15.03	1290
	23-Oct-02	NM	NM	NM	3.30	0.03	NM	NM	NM	7.02	16.44	970
	19-Feb-03	NM	NM	NM	3.30	0.00	NM	NM	NM	6.87	15.80	1350
	29-Jul-03	NM	NM	NM	3.30	0.00	NM	NM	NM	7.27	16.20	1200
	29-Jan-04	NM	NM	NM	3.30	0.00	NM	NM	NM	6.75	16.20	925
	4-Aug-04	NM	NM	NM	3.30	0.00	NM	NM	NM	6.79	16.43	956
	2-Feb-05	NM	NM	NM	0.15	0.00	NM	NM	NM	6.62	16.64	968
	6-Jul-05	NM	NM	NM	1.12	0.00	NM	<0.005	<0.005	6.56	16.79	935
	6-Jan-06	NM	NM	NM	0.49	0.000	NM	<0.005	<0.005	6.38	16.84	1120
	6-Jul-06	NM	NM	NM	0.53	0.000	NM	<0.005	<0.005	7.11	16.00	1020
	1-Mar-07	**NM**	**NM**	**NM**	**0.69**	**0.000**	**NM**	**<0.005**	**<0.005**	**6.78**	**14.34**	**528**
SOMA-4	Oct-19-01	NM	NM	NM	0.26	NM	NM	NM	NM	6.53	16.88	145
	23-Oct-02	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	19-Feb-03	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	29-Jul-03	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	5-Jul-05	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
	5-Jan-06	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
SOMA-5	4-Aug-04	NM	NM	NM	3.30	0.00	NM	NM	NM	7.14	16.98	773
	2-Feb-05	NM	NM	NM	3.30	0.00	NM	NM	NM	7.20	15.99	549
	6-Jul-05	NM	NM	NM	3.30	0.00	NM	<0.005	<0.005	6.75	16.99	1150
	9-Jan-06	NM	NM	NM	3.30	0.000	NM	<0.005	<0.005	6.78	16.72	1200
	6-Jul-06	NM	NM	NM	3.30	0.000	NM	<0.005	<0.005	7.81	16.30	454
	1-Mar-07	**NM**	**NM**	**NM**	**NM**	**NM**	**NM**	**<0.025**	**<0.025**	**NM**	**NM**	**NM**

Table 3
Historical Analytical Results and Field Measurements for
Dissolved Ions and Gas, pH, Temperature, and Electrical Conductivity in Groundwater Samples
Former Glovatorium Site
3815 Broadway, Oakland, California

Well Name	Date Sampled	Alkalinity (mg/L)	Chloride (mg/L)	Carbon Dioxide (mg/L)	Total Iron (mg/L)	Nitrite (mg/L)	Sulfide (mg/L)	Ethane (mg/L)	Ethene (mg/L)	pH	Temp (^{o}C)	Electrical Conductivity (µS/cm)

Notes
Samples with "field" in the well ID indicate that the results are from field measurements obtained using a Hach spectrometer or a Hydrolab Quanta flow-through instrument.
since April 2001, field measurements have been performed using a Hach Calorimeter
NM= not measured

Table 4
Historical Analytical Results for Total Petroleum Hydrocarbon, BTEX and MtBE in Groundwater Samples
Former Glovatorium Site
3815 Broadway, Oakland, California

Well Name	Date Sampled	TPH-ss (mg/L)	TPH-g (mg/L)	MtBE (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Total Xylenes (mg/L)
Temporary Sampling Points Installed by Geosolv, LLC								
B-2	24-Jan-00	20 J	31 YJ	<0.05	<0.013	<0.013	0.11 C	0.22 C
B-3	24-Jan-00	4.9 J	8.8 YJ	<0.01	0.0048	<0.0025	<0.0025	0.0714
B-7	24-Jan-00	19	30 J	<0.05	<0.013	0.062	<0.013	0.207
	11-Aug-00	3.7 J	6.8 YHJ	0.02	0.0077 J	0.047 J	0.007 J	0.065 CJ
	31-Oct-00	62 J	98 YHJ	0.01 J	0.0091 J	0.061 J	<0.0005	0.237 J
	27-Jul-01	2.5	5.2 HY	0.0057	0.0070	0.051	0.0082	0.0740
	31-Jan-01	5.3	7.9	0.0100	0.0089	0.059	0.0097	0.0870
	26-Apr-01	4.5	8.9 H	0.0069	0.0110	0.071	0.077 C	0.2080
B-8	24-Jan-00	11 J	19 YJ	<0.01	<0.0025	<0.0025	<0.0025	0.17 C
B-9	24-Jan-00	1 YJ	1.8 YHJ	<0.002	<0.0005	<0.0005	0.01 C	0.0089 C
B-10	24-Jan-00	2.4 Y	4.2	0.0140 c	0.0072	0.027	0.025 C	0.032
	10-Aug-00	2.8 Y	6.1 Y	0.1600	0.0073	0.012	<0.005	0.0241
	31-Oct-00	2.2 YZ	3.5 Z	<0.002	0.0038	0.011	<0.0005	0.0182
	27-Jul-01	1.7	3.6 H	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	31-Jan-01	2.4 Z	3.6 HYZ	<0.002	0.0031	0.010	0.00076 c	0.0197
	26-Apr-01	2.4 Z	4.7 Z	0.0025	0.0041	0.013	ND	0.0290
	6-Jul-05	3.4 H	4.5 HY	<0.1	<0.1	<0.1	<0.1	<0.1
	9-Jan-06	11 Y	15	<0.1	<0.1	<0.1	<0.1	<0.1
	6-Jul-06	1.3	2.2 HY	<0.1	<0.1	<0.1	<0.1	<0.1
	1-Mar-07	**0.5 L**	**0.810 HY**	**<0.1**	**<0.1**	**<0.1**	**<0.1**	**<0.1**
B-13	24-Jan-00	1.7 J	3 YJ	<0.01	<0.0025	<0.0025	<0.0025	0.0200
Temporary Sampling Points Installed by LFR								
GW-2	19-Jul-99	<0.05	<0.05	0.0025	<0.0005	0.00071	<0.0005	0.00074
	20-Jan-00	0.15	0.25 Y	0.0044	<0.0005	<0.0005	0.00097 C	0.0013
	28-Apr-00	<0.05	0.095 YZ	<0.0021	<0.0005	<0.0005	<0.0005	<0.0005
	2-Nov-00	<0.05	<0.05	<0.0020	<0.0005	<0.0005	<0.0005	<0.0005
	1-Feb-01	<0.05	ND	<0.0020	<0.0005	<0.0005	<0.0005	<0.0005
	27-Apr-01	<0.05	0.086 YZ	0.0022	<0.0005	0.0240	<0.0005	<0.0005
	27-Jul-01	<0.05	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	19-Oct-01	<0.05	<0.05	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

Table 4
Historical Analytical Results for Total Petroleum Hydrocarbon, BTEX and MtBE in Groundwater Samples
Former Glovatorium Site
3815 Broadway, Oakland, California

Well Name	Date Sampled	TPH-ss (mg/L)	TPH-g (mg/L)	MtBE (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Total Xylenes (mg/L)
GW-2 cont.	31-Jan-02	<0.05	<0.05	<0.0050 [b]	<0.0050 [b]	<0.0050 [b]	<0.0050 [b]	<0.0050 [b]
	16,17-Apr-02	<0.05	<0.05	<0.0020	<0.0005	<0.0005	<0.0005	<0.0005
	17,18-Jul-02	<0.05	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005
	22-Oct-02	<0.05	<0.05	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
	19-Feb-03	<0.05	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005
	29-Jul-03	<0.05	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005
	28-Jan-04	<0.05	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005
	4-Aug-04	0.054 [YZ]	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005
	2-Feb-05	<0.05	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005
	6-Jul-05	<0.05	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	6-Jan-06	<0.05	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	6-Jul-06	<0.05	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	28-Feb-07	**<0.05**	**<0.05**	**<0.0005**	**<0.0005**	**<0.0005**	**<0.0005**	**<0.0005**
GW-3	19-Jul-99	0.070 [Z]	0.100 [Z]	<0.0020	<0.0005	<0.0005	<0.0005	0.00064
	20-Jan-00	0.15	0.260 [Y]	<0.0020	<0.0005	<0.0005	<0.0005	0.00130 [C]
	27-Apr-00	0.20 [YZ]	0.380 [YZ]	<0.0020	<0.0005	<0.0005	<0.0005	<0.00050
	27-Apr-00	0.30 [Z]	0.570 [YZ]	<0.0020	<0.0005	<0.0005	<0.0005	<0.00050
	11-Aug-00	<0.05	0.077 [YZ]	<0.0020	<0.0005	<0.0005	<0.0005	0.00051
	2-Nov-00	<0.05	0.050 [YZ]	0.0026	<0.0005	<0.0005	<0.0005	<0.00050
	1-Feb-01	<0.05	<0.05	<.0020	<.0005	<0.0005	<0.0005	<0.00050
	27-Apr-01	<0.05	0.062 [YZ]	0.0056	<0.0005	<0.0005	<0.0005	<0.00050
	27-Jul-01	<0.05	<0.05	0.0008	<0.0005	<0.0005	<0.0005	<0.00050
	19-Oct-01	0.054	0.11	<0.0100	<0.0100	<0.0100	<0.0100	<0.02000
	31-Jan-02	<0.05	0.070 [YZ]	<0.0050 [b]	<0.0050 [b]	<0.0050 [b]	<0.0050 [b]	<0.00500 [b]
	16,17-Apr-02	<0.05	0.055 [YZ]	<0.002	<0.0005	<0.0005	<0.0005	<0.0005
	17,18-Jul-02	<0.05	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005
	22,23-Oct-02	0.11 [YZ]	0.140 [YZ]	<0.0071	<0.0071	<0.0071	<0.0071	<0.0071
	19-Feb-03	0.068 [YZ]	0.100 [YZ]	<0.005	<0.005	<0.005	<0.005	<0.005
	29-Jul-03	0.120 [YZ]	0.180 [YZ]	<0.010	<0.010	<0.010	<0.010	<0.010
	28-Jan-04	0.051 [YZ]	0.086 [YZ]	<0.005	<0.005	<0.005	<0.005	<0.005
	3-Aug-04	0.170 [YZ]	0.150 [YZ]	<0.017	<0.017	<0.017	<0.017	<0.017
	2-Feb-05	0.190 [Z]	0.250 [HYZ]	<0.031	<0.031	<0.031	<0.031	<0.031
	6-Jul-05	0.084 [YZ]	0.11 [YZ]	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
	6-Jan-06	0.063 [YZ]	0.088 [YZ]	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	6-Jul-06	0.091 [YZ]	.140 [YZ]	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
	1-Mar-07	**0.088 [YZ]**	**0.140 [YZ]**	**<0.0017**	**<0.0017**	**<0.0017**	**<0.0017**	**<0.0017**

Table 4
Historical Analytical Results for Total Petroleum Hydrocarbon, BTEX and MtBE in Groundwater Samples
Former Glovatorium Site
3815 Broadway, Oakland, California

Well Name	Date Sampled	TPH-ss (mg/L)	TPH-g (mg/L)	MtBE (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Total Xylenes (mg/L)
GW-4	21-Jul-99	6.80 J	10 YHJ	0.0022	<0.0005	<0.0005	<0.0005	0.0029 J
	20-Jan-00	0.97 J	1.60 YJ	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Split	20-Jan-00	0.85 J	1.50 YJ	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	27-Apr-00	0.31	0.60 Y	<0.0020	<0.0005	<0.0005	<0.0005	0.0027
	30-Jan-01	0.39	0.58 HY	<0.0020	<0.0005	<0.0005	<0.0005	<0.0005
	27-Jul-01	0.42	0.86 HY	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	19-Oct-01	0.83	1.60	<0.0050	<0.0050	<0.0050	<0.0050	<0.0100
	31-Jan-02	0.92	1.70 HY	<0.0050 b	<0.0050 b	<0.0050 b	<0.0050 b	<0.0050 b
	16,17-Apr-02	0.40	0.67 HY	<0.002	<0.0005	<0.0005	<0.0005	<0.0005
	17,18-Jul-02	0.97	1.7 HY	<0.005	<0.005	<0.005	<0.005	<0.005
	22,23-Oct-02	0.55	0.700 HY	<0.005	<0.005	<0.005	<0.005	<0.005
	19-Feb-03	0.58	0.880 HY	<0.005	<0.005	<0.005	<0.005	<0.005
	30-Jul-03	0.39	0.580 HY	<0.005	<0.005	<0.005	<0.005	<0.005
	28-Jan-04	0.31	0.520 HY	<0.005	<0.005	<0.005	<0.005	<0.005
	3-Aug-04	0.71	0.640 HY	<0.005	<0.005	<0.005	<0.005	<0.005
	1-Feb-05	0.28	0.370 HY	<0.005	<0.005	<0.005	<0.005	<0.005
	6-Jul-05	0.12	0.16 HY	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	5-Jan-06	0.54	0.75 HY	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	28-Feb-07	**0.56**	**0.90 HY**	**<0.0005**	**<0.0005**	**<0.0005**	**<0.0005**	**<0.0005**
GW-5	27-Aug-99	<0.05	<0.05	<0.001	<0.001	<0.001	<0.001	<0.001
	20-Jan-00	<0.05	0.057 Y	0.0007	<0.0005	<0.0005	<0.0005	<0.0005
	27-Apr-00	0.05 Y	0.096 Y	<0.002	<0.0005	<0.0005	<0.0005	<0.0005
GW-6A	27-Aug-99	<0.05	0.054 Y	0.0089	<0.0005	<0.0005	<0.0005	<0.0005
Split	27-Aug-99	<0.05	0.057 Y	0.0087	<0.0005	<0.0005	<0.0005	<0.0005
	25-Jan-00	<0.05	<0.05	0.0022	<0.0005	<0.0005	<0.0005	<0.0005
	27-Apr-00	<0.05	0.087 Y	<0.002	<0.0005	<0.0005	<0.0005	<0.0005
GW-7	15-Jul-99	NA	NA	<0.0025	0.05 J	<0.0005	0.000727	0.00313 J
Split	15-Jul-99	NA	NA	NA	NA	NA	NA	NA
	15-Jul-99	NA	NA	NA	0.0567 J	<0.002	<0.002	<0.002
Split	15-Jul-99	NA	NA	NA	0.0755 J	<0.002	<0.002	<0.002
GW-8	19-Jul-99	<0.05	<0.05	0.0078	<0.0005	0.00064	<0.0005	0.00151
	20-Jan-00	0.19	0.33 Y	<0.002	<0.0005	<0.0005	<0.0005	<0.0005
Split	20-Jan-00	0.20	0.37 Y	<0.002	0.00058	<0.0005	<0.0005	<0.0005
	28-Apr-00	0.064 YZ	0.12 YZ	0.013	<0.0005	<0.0005	<0.0005	<0.0005

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Monitoring Wells Owned by TOSCO								
MW-11	25-Jan-00	< 0.05	<0.05	0.0090	<0.0005	<0.0005	<0.0005	<0.0005
	28-Apr-00	<0.05	<0.05	<0.0087	<0.0005	<0.0005	<0.0005	<0.0005
	10-Aug-00	<0.05	<0.05	0.0110	<0.0005	<0.0005	<0.0005	<0.0005
	1-Nov-00	<0.05	<0.05	0.0068	<0.0005	<0.0005	<0.0005	<0.0005
	31-Jan-01	< 0.05	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	27-Jul-01	<0.05	0.10 [HY]	0.0010	<0.0005	<0.0005	<0.0005	0.0007
	19-Oct-01	<0.05	<0.05	<0.0050	<0.0050	<0.005	<0.005	<0.010
	31-Jan-02	<0.05	0.071 [Y]	<0.0050 [b]	<0.0050 [b]	<0.005 [b]	<0.005 [b]	<0.005 [b]
	16,17-Apr-02	<0.05	<0.05	<0.0020	<0.0005	<0.0005	<0.0005	<0.0005
	17,18-Jul-02	<0.05	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005
	22,23-Oct-02	<0.05	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005
	18-Feb-03	<0.05	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005
	30-Jul-03	<0.05	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005
	28-Jan-04	<0.05	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005
	3-Aug-04	<0.05	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005
	1-Feb-05	<0.05	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005
	5-Jul-05	<0.05	<0.05	0.0008	<0.0005	<0.0005	<0.0005	<0.0005
	5-Jan-06	<0.05	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	5-Jul-06	<0.05	<0.05	0.001	<0.0005	<0.0005	<0.0005	<0.0005
	28-Feb-07	**<0.05**	**<0.05**	**<0.0005**	**<0.0005**	**<0.0005**	**<0.0005**	**<0.0005**
Monitoring Wells Installed by LFR								
LFR-1	9-Aug-00	0.53	1.2	0.0095	<0.0005	<0.0005	<0.0005	<0.0005
	30-Oct-00	0.24 [YZ]	0.37 [YZ]	<0.002	<0.0005	<0.0005	<0.0005	<0.0005
Split	30-Oct-00	0.24 [YZ]	0.37 [YZ]	0.0043	<0.0005	<0.0005	<0.0005	<0.0005
	29-Jan-01	0.21 [YZ]	0.31 [YZ]	0.0033	<0.0005	<0.0005	<0.0005	<0.0005
	26-Apr-01	0.092	0.18 [YZ]	0.0044	<0.0005	0.002	<0.0005	<0.0005
	27-Jul-01	0.086	0.18 [YZ]	<0.0013	<0.0013	<0.0013	<0.0013	<0.0013
	18-Oct-01	0.19	0.38	<0.031	<0.031	<0.031	<0.031	<0.062
	31-Jan-02	0.15 [YZ]	0.27 [YZ]	<0.013 [b]	<0.013 [b]	<0.013 [b]	<0.013 [b]	<0.013 [b]
	16,17-Apr-02	0.10 [YZ]	0.17 [YZ]	< 0.013	<0.0005	<0.0005	<0.0005	<0.0005
	17,18-Jul-02	0.084 [YZ]	0.14 [YZ]	<0.013	<0.013	<0.013	<0.013	<0.013
	22,23-Oct-02	<0.05	0.078 [YZ]	<0.005	<0.005	<0.005	<0.005	<0.005
	18-Feb-03	0.076 [YZ]	0.110 [YZ]	<0.005	<0.005	<0.005	<0.005	<0.005
	30-Jul-03	<0.05	0.068 [YZ]	<0.005	<0.005	<0.005	<0.005	<0.005
	29-Jan-04	0.060 [YZ]	0.100 [YZ]	<0.0063	<0.0063	<0.0063	<0.0063	<0.0063
	4-Aug-04	<0.05	<0.050	<0.005	<0.005	<0.005	<0.005	<0.005
	2-Feb-05	<0.05	0.056 [YZ]	<0.005	<0.005	<0.005	<0.005	<0.005
	6-Jul-05	<0.05	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	6-Jan-06	<0.05	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	6-Jul-06	<0.05	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	1-Mar-07	**<0.05**	**0.053 [YZ]**	**<0.0005**	**<0.0005**	**<0.0005**	**<0.0005**	**<0.0005**

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Well Name	Date Sampled	TPH-ss (mg/L)	TPH-g (mg/L)	MtBE (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Total Xylenes (mg/L)
LFR-2	11-Aug-00	0.59	1.10 [YH]	0.0022	0.0018	<0.0005	<0.0005	0.0013 [C]
	2-Nov-00	0.38	0.70 [YH]	0.003	0.0035	0.0011	0.0042	0.01184 [C]
	30-Jan-01	0.36	0.54 [HY]	0.0034	0.00057	<0.0005	<0.0005	<0.0005
	27-Apr-01	0.33	0.66 [HY]	<0.002	<0.0005	0.0013	<0.0005	<0.0005
	27-Apr-01	0.36	0.72 [HY]	<0.002	0.00059	0.0019	<0.0005	0.013
	27-Jul-01	0.33	0.76 [HY]	<0.0005	0.0013	<0.0005	<0.0005	0.0006
	18-Oct-01	0.73	1.50	<0.0071	<0.0071	<0.0071	<0.0071	<0.0142
	31-Jan-02	0.76	1.40 [HY]	<0.005 [b]	<0.005 [b]	<0.005 [b]	<0.005 [b]	<0.005 [b]
	16,17-Apr-02	1.10	1.90 [HY]	<0.002	<0.0005	<0.0005	<0.0005	0.019 [C]
	17,18-Jul-02	0.97	1.7 [H Y]	<0.005	<0.005	<0.005	<0.005	<0.005
	22,23-Oct-02	3.10	5.000 [HY]	<0.005	<0.005	<0.005	<0.005	<0.005
	18-Feb-03	1.50	2.300 [HY]	<0.005	<0.005	<0.005	<0.005	<0.005
	30-Jul-03	4.10	6.000 [HY]	<0.005	<0.005	<0.005	<0.005	<0.005
	29-Jan-04	NA	NA	NA	NA	NA	NA	NA
	4-Aug-04	2.50	2.2 [HY]	<0.005	<0.005	<0.005	<0.005	<0.005
	1-Feb-05	1.10	1.5 [HY]	<0.005	<0.005	<0.005	<0.005	<0.005
	5-Jul-05	0.95	1.3 [HY]	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	5-Jan-06	4.00	5.6 [HY]	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	5-Jul-06	0.49	0.770 [HY]	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	28-Feb-07	**1.20**	**1.9 [HY]**	**<0.0005**	**<0.0005**	**<0.0005**	**<0.0005**	**<0.0005**
LFR-3	10-Aug-00	<0.05	<0.05	<0.002	<0.0005	<0.0005	<0.0005	<0.0005
Split	10-Aug-00	<0.05	<0.05	<0.002	<0.0005	<0.0005	<0.0005	<0.0005
	1-Nov-00	<0.05	<0.05	<0.002	<0.0005	<0.0005	<0.0005	<0.0005
	30-Jan-01	<0.05	<0.05	0.0036	<0.0005	<0.0005	<0.0005	<0.0005
	27-Apr-01	<0.05	<0.05	0.0024	<0.0005	0.0054	<0.0005	<0.0005
	27-Jul-01	<0.05	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	18-Oct-01	<0.05	<0.05	<0.005	<0.005	<0.005	<0.005	<0.01
	31-Jan-02	<0.05	0.067 [Y]	<0.005 [b]	<0.005 [b]	<0.005 [b]	<0.005 [b]	<0.005 [b]
	16,17-Apr-02	<0.05	<0.05	<0.002	<0.0005	<0.0005	<0.0005	<0.0005
	17,18-Jul-02	<0.05	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005
	22,23-Oct-02	<0.05	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005
	19-Feb-03	<0.05	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005
	30-Jul-03	<0.05	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005
	29-Jan-04	<0.05	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005
	3-Aug-04	<0.05	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005
	2-Feb-05	<0.05	<0.05	<0.005	<0.005	<0.005	<0.005	<0.005
	5-Jul-05	<0.05	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	9-Dec-05	<0.05	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	6-Jan-06	<0.05	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	5-Jul-06	<0.05	<0.05	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	1-Mar-07	**<0.05**	**<0.05**	**<0.0005**	**<0.0005**	**<0.0005**	**<0.0005**	**<0.0005**

Table 4
Historical Analytical Results for Total Petroleum Hydrocarbon, BTEX and MtBE in Groundwater Samples
Former Glovatorium Site
3815 Broadway, Oakland, California

Well Name	Date Sampled	TPH-ss (mg/L)	TPH-g (mg/L)	MtBE (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Total Xylenes (mg/L)
LFR-4	11-Aug-00	0.22 Y	0.41 Y	0.0051	0.01100	<0.0005	<0.0005	0.00162 C
	31-Oct-00	0.17 Y	0.27	0.0065	0.00084	<0.0005	<0.0005	<0.0005
	1-Feb-01	0.16 Y	0.22	0.0097	0.00330	<0.0005	<0.0005	<0.0005
	27-Apr-01	0.22 Y	0.44	0.0058	0.02700	0.0036	<0.0005	<0.0005
	27-Jul-01	0.091 Y	0.19	0.011	0.00090	<0.0005	<0.0005	<0.0005
	31-Jan-02	NA	NA	NA	NA	NA	NA	NA
	16,17-Apr-02	0.40 Y	0.67	< 0.005	0.05300	<0.0005	<0.0005	<0.0005
	17,18-Jul-02	0.21 Y	0.36 Y	0.0075	0.007	<0.005	<0.005	<0.005
	22,23-Oct-02	0.110 Y	0.17	0.0080	<0.005	<0.005	<0.005	<0.005
	19-Feb-03	0.490 Y	0.740	<0.005	0.055	<0.005	<0.005	<0.005
	30-Jul-03	0.400 Y	0.59	<0.005	0.010	<0.005	<0.005	<0.005
	29-Jan-04	0.42 Y	0.700 Y	<0.005	0.011	<0.005	<0.005	<0.005
	4-Aug-04	NA	NA	NA	NA	NA	NA	NA
	5-Jul-05	0.510 Y	0.68	0.0049	0.024	<0.0005	<0.0005	<0.0005
	5-Jul-06	0.650 Y	1.10	0.0081	0.059	<0.0005	0.0081	0.006
	1-Mar-07	**0.370 Y**	**0.590 H**	**0.006**	**0.0063**	**<0.0005**	**<0.0005**	**<0.0005**
Monitoring Wells Installed by SOMA								
SOMA-1	19-Oct-01	0.22	0.44	0.034	<0.0050	<0.0050	<0.0050	<0.0100
	31-Jan-02	0.058	0.100 HY	0.110 b	<0.0050 b	<0.0050 b	<0.0050 b	<0.0050 b
	16,17-Apr-02	<0.05	0.052 Y	0.120	0.0008	<0.0005	<0.0005	<0.0005
	17,18-Jul-02	<0.05	<0.05	0.120	<0.005	<0.005	<0.005	<0.005
	22,23-Oct-02	<0.05	0.053	0.140	<0.005	<0.005	<0.005	<0.005
	19-Feb-03	<0.05	<0.05	0.150	<0.0071	<0.0071	<0.0071	<0.0071
	30-Jul-03	<0.05	<0.05	0.190	<0.005	<0.005	<0.005	<0.005
	29-Jan-04	<0.05	<0.05	0.190	<0.005	<0.005	<0.005	<0.005
	3-Aug-04	<0.05	<0.05	0.170	<0.013	<0.013	<0.013	<0.013
	1-Feb-05	<0.05	<0.05	0.200	<0.017	<0.017	<0.017	<0.017
	5-Jul-05	<0.05	<0.05	0.210	<0.0017	<0.0017	<0.0017	<0.0017
	5-Jan-06	<0.05	<0.05	0.270	0.0006	<0.0005	<0.0005	<0.0005
	5-Jul-06	<0.05	<0.05	0.310	<0.002	<0.002	<0.002	<0.002
	28-Feb-07	**0.050 YZ**	**0.081 YZ**	**0.330**	**0.0025**	**<0.002**	**<0.002**	**<0.002**
SOMA-2	19-Oct-01	1.4	2.8	<0.250	<0.2500	<0.250	<0.250	<0.500
	31-Jan-02	1.3	2.4 HY	<0.071 b	<0.0710 b	<0.071 b	<0.071 b	<0.071 b
	16,17-Apr-02	1.3 L	2.2 H	< 0.130	0.0067	0.046	0.012	0.044
	17,18-Jul-02	2.6	4.4 H Y	<0.063	<0.063	<0.063	<0.063	<0.063
	22,23-Oct-02	0.37	0.600 HY	0.300	<0.0071	<0.0071	<0.0071	<0.0071
	19-Feb-03	0.30	0.460 HY	0.210	<0.017	<0.017	<0.017	<0.017
	29-Jul-03	0.27	0.400 HY	0.300	<0.020	<0.020	<0.020	<0.020

Table 4
Historical Analytical Results for Total Petroleum Hydrocarbon, BTEX and MtBE in Groundwater Samples
Former Glovatorium Site
3815 Broadway, Oakland, California

Well Name	Date Sampled	TPH-ss (mg/L)	TPH-g (mg/L)	MtBE (mg/L)	Benzene (mg/L)	Toluene (mg/L)	Ethyl-benzene (mg/L)	Total Xylenes (mg/L)
SOMA-2 cont.	28-Jan-04	0.23	0.38 HY	0.270	<0.017	<0.017	<0.017	<0.017
	4-Aug-04	0.31	0.28 HY	0.280	<0.031	<0.031	<0.031	<0.031
	2-Feb-05	39	53 HY	<0.31	<0.31	<0.31	<0.31	<0.31
	6-Jul-05	5.10	6.8 HY	<0.025	<0.025	0.053	<0.025	0.031
	9-Jan-06	67	93 HY	<0.042	<0.042	0.054	<0.042	<0.042
	6-Jul-06	25	40 HY	<0.042	<0.042	0.061	<0.042	<0.042
	1-Mar-07	**18**	**29 HY**	**<0.042**	**<0.042**	**0.055**	**<0.042**	**<0.042**
SOMA-3	19-Oct-01	0.42	0.83	0.65	<0.02500	<0.02500	<0.0250	<0.0500
	31-Jan-02	0.23	0.41 HY	0.31 b	<0.01300 b	<0.01300 b	<0.0130 b	<0.0130 b
	16,17-Apr-02	0.61	1.00 HY	0.42	0.00078	0.00068	<0.0005	<0.0005
	17,18-Jul-02	0.41	0.69 H Y	0.38	<0.017	<0.017	<0.017	<0.017
	22,23-Oct-02	3.00	4.700 HY	<0.17	<0.170	<0.170	<0.170	<0.170
	19-Feb-03	2.50	3.800 HY	<0.13	<0.130	<0.130	<0.130	<0.130
	29-Jul-03	2.10	3.100 HY	<0.13	<0.130	<0.130	<0.130	<0.130
	29-Jan-04	4.10	6.8 HY	<0.31	<0.310	<0.310	<0.310	<0.310
	4-Aug-04	4.00	3.6 HY	<0.50	<0.500	<0.500	<0.500	<0.500
	2-Feb-05	0.27	0.36 HY	0.25	<0.063	<0.063	<0.063	<0.063
	6-Jul-05	0.32	0.43 HY	0.32	0.0017	<0.0005	<0.0005	0.0016
	6-Jan-06	0.22	0.30 HY	0.39	0.0014	<0.0005	<0.0005	0.0012
	6-Jul-06	0.14	0.27 HY	0.500	<0.005	<0.005	<0.005	<0.005
	1-Mar-07	**0.19**	**0.31 HY**	**0.490**	**<0.005**	**<0.005**	**<0.005**	**<0.005**
SOMA-4	19-Oct-01	2.5	5	0.63	<0.13	<0.13	<0.13	<0.26
	31-Jan-02	FP	FP	FP	FP	FP	FP	FP
	16,17-Apr-02	FP	FP	FP	FP	FP	FP	FP
	17,18-Jul-02	FP	FP	FP	FP	FP	FP	FP
	22,23-Oct-02	FP	FP	FP	FP	FP	FP	FP
	18-Feb-03	FP	FP	FP	FP	FP	FP	FP
	29-Jul-03	FP	FP	FP	FP	FP	FP	FP
SOMA-5	4-Aug-04	4.1	3.7 HY	<0.005	<0.005	<0.005	<0.005	<0.005
	2-Feb-05	0.11 Z	0.15 HYZ	<0.005	<0.005	<0.005	<0.005	<0.005
	6-Jul-05	2.3 H	3.1 HY	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
	9-Jan-06	0.89	1.2 HY	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
	6-Jul-06	0.450 YZ	0.720 YZ	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	1-Mar-07	**NA**	**3.9 YZ**	**0.0052**	**<0.0005**	**<0.0005**	**<0.0005**	**<0.0005**

Notes:

b Analysis was carried out npast the hold date, no analytical problems were encountered

C Presence of this compound confirmed by second column, however, the confirmation concentration different from reported results by more than a factor of two.

H Heavier hydrocarbons than the standard are present in the sample.

J Result is estimated.

L Lighter hydrocarbons contributed to the quantitation

NA = Not analyzed, LFR-4 was not analzed during the Second Quarter 2002 due to the well being inaccessible.
Not Analyzed. Well LFR-4 inaccessible during the Third Quarter 2004 Monitoring Event.

Y Sample exhibits fuel pattern which does not resemble standard.

Z Sample exhibits unknown single peak or peaks.

FP: Free product detected in SOMA 4.
TPH, purge = Total petroleum hydrocarbons (purgeable)
Groundwater samples collected from the temporary sampling points are considered grab samples, therefore, the results should be considered estimates of groundwater quality.

Table 5
Historical Analytical Results For Volatile Organic Compound Analyses in Groundwater Samples
at the Former Glovatorium Site
3815 Broadway, Oakland, California

Well Name	Date Sampled	PCE (mg/L)	TCE (mg/L)	cis-1,2-DCE (mg/L)	trans-1,2-DCE (mg/L)	Vinyl Chloride (mg/L)	1,2-DCP (mg/L)
Temporary Sampling Points Installed by Geosolv, LLC							
B-2	24-Jan-00	<0.0013	<0.0013	0.27	0.001	< 0.0013	< 0.0013
B-3	24-Jan-00	< 0.0020	< 0.002	0.61	< 0.002	< 0.002	< 0.002
B-7	24-Jan-00	< 0.0036	< 0.0036	0.92	0.004	< 0.0036	< 0.0036
	11-Aug-00	< 0.0031	< 0.0031	0.86	0.005	< 0.0031	< 0.0031
	31-Oct-00	< 0.0042	< 0.0042	0.91	0.004	< 0.0042	< 0.0042
	27-Jul-01	0.01	0.017	0.86	0.005	<0.0031	<0.0031
	27-Apr-01	<0.0031	<0.0031	1.10	0.007	<0.0031	<0.0031
	31-Jan-01	< 0.0042	< 0.0042	0.92	0.005	< 0.0042	< 0.0042
B-8	24-Jan-00	< 0.0005	< 0.0005	0.035	< 0.0005	< 0.0005	< 0.0005
B-9	24-Jan-00	< 0.0005	0.001	0.003	< 0.0005	< 0.0005	< 0.0005
B-10	24-Jan-00	1.20	2.40	14.00	0.090	< 0.063	< 0.063
	10-Aug-00	2.90	1.60	6.50	0.050	< 0.025	< 0.025
	31-Oct-00	2.40	1.90	7.10	0.061	< 0.025	< 0.025
	27-Jul-01	1.70	1.40	7.30	0.043	<0.025	<0.025
	27-Jul-01	0.87	0.81	6.60	0.041	<0.025	<0.025
	31-Jan-01	2.10	1.60	6.60	0.044	< 0.025	< 0.025
	6-Jul-05	0.59	0.34	12.00	<0.1	<0.1	<0.1
	9-Jan-06	0.14	0.29	13.00	<0.1	<0.1	<0.1
	6-Jul-06	0.37	0.38	14.00	<0.1	<0.1	<0.1
	1-Mar-07	**<0.1**	**<0.1**	**14.00**	**0.110**	**<0.1**	**<0.1**
B-13	24-Jan-00	0.020	0.029	0.13	0.005	< 0.0005	< 0.0005

Table 5
Historical Analytical Results For Volatile Organic Compound Analyses in Groundwater Samples
at the Former Glovatorium Site
3815 Broadway, Oakland, California

Well Name	Date Sampled	PCE (mg/L)	TCE (mg/L)	cis-1,2-DCE (mg/L)	trans-1,2-DCE (mg/L)	Vinyl Chloride (mg/L)	1,2-DCP (mg/L)
Temporary Sampling Points Installed by LFR							
GW-2	19-Jul-99	0.014	0.001	< 0.0005	< 0.0005	< 0.0005	< 0.0005
	20-Jan-00	0.130	0.019	0.006	< 0.0005	< 0.0005	< 0.0005
	28-Apr-00	0.120	0.016	0.003	< 0.0005	< 0.0005	< 0.0005
	2-Nov-00	0.008	0.001	0.003	< 0.0005	< 0.0005	< 0.0005
	1-Feb-01	0.008	0.001	0.003	< 0.0005	< 0.0005	< 0.0005
	27-Apr-01	0.010	0.002	0.002	<0.0005	<0.0005	<0.0005
	27-Jul-01	0.033	0.004	0.002	<0.0005	<0.0005	<0.0005
	19-Oct-01	0.019	<0.0050	<0.0050	<0.0050	<0.0100	<0.0050
GW-2 cont.	31-Jan-02	0.0092 [b]	<0.0050 [b]	<0.0050 [b]	<0.0050 [b]	<0.0100 [b]	<0.0050 [b]
	16,17-Apr-02	0.014	<0.0050	<0.0050	<0.0050	<0.0100	<0.0050
	17-18-Jul-02	0.014	<0.005	<0.005	<0.005	<0.01	<0.005
	22,23-Oct-02	0.027	<0.005	<0.005	<0.005	<0.010	<0.005
	19-Feb-03	0.057	0.007	<0.005	<0.005	<0.010	<0.005
	29-Jul-03	0.043	<0.005	<0.005	<0.005	<0.010	<0.005
	28-Jan-04	0.057	0.0069	<0.005	<0.005	<0.010	<0.005
	4-Aug-04	0.075	0.0100	<0.005	<0.005	<0.010	<0.005
	2-Feb-05	0.049	0.0066	0.016	<0.005	<0.010	<0.005
	6-Jul-05	0.082	0.0110	0.0009	<0.0005	<0.0005	<0.0005
	6-Jan-06	0.061	0.0079	0.0008	<0.0005	<0.0005	<0.0005
	6-Jul-06	0.0750	0.0095	0.0007	<0.0005	<0.0005	<0.0005
	28-Feb-07	**0.082**	**0.0096**	**0.0006**	**<0.0005**	**<0.0005**	**<0.0005**
GW-3	19-Jul-99	0.220	<0.001	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	20-Jan-00	0.055	0.001	0.020	< 0.0005	< 0.0005	< 0.0005
	27-Apr-00	0.350	0.002	0.006	< 0.0005	< 0.0005	< 0.0005
Split	27-Apr-00	0.270	0.002	0.002	< 0.0013	< 0.0013	< 0.0013
	11-Aug-00	0.068	0.003	0.012	< 0.0005	< 0.0005	< 0.0005
	2-Nov-00	0.059	0.001	0.002	< 0.0005	< 0.0005	< 0.0005
	1-Feb-01	0.046	0.001	0.001	< 0.0005	< 0.0005	< 0.0005
	27-Apr-01	0.079	0.001	0.002	<0.0005	<0.0005	<0.0005
	27-Jul-01	0.090	0.001	<0.0005	<0.0005	<0.0005	<0.0005
	19-Oct-01	0.180	<0.0100	<0.0100	<0.0100	<0.0200	<0.0100
	31-Jan-02	0.0960 [b]	<0.0050 [b]	<0.0050 [b]	<0.0050 [b]	<0.0100 [b]	<0.0050 [b]
	16,17-Apr-02	0.160	<0.0050	<0.0050	<0.0050	<0.0100	<0.0050
	17,18-Jul-02	0.086	<0.005	<0.005	<0.005	<0.01	<0.005
	22,23-Oct-02	0.200	<0.0071	<0.0071	<0.0071	<0.014	<0.0071
	19-Feb-03	0.240	<0.005	0.006	<0.005	<0.010	<0.005
	29-Jul-03	0.430	<0.010	<0.010	<0.010	<0.010	<0.010
	28-Jan-04	0.170	<0.005	<0.005	<0.005	<0.010	<0.005
	3-Aug-04	0.440	<0.017	<0.017	<0.017	<0.033	<0.017
	2-Feb-05	0.360	<0.031	<0.031	<0.031	<0.063	<0.031
	6-Jul-05	0.320	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
	6-Jan-06	0.200	0.0008	<0.0005	<0.0005	<0.0005	<0.0005
	6-Jul-06	0.400	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
	1-Mar-07	**0.400**	**0.002**	**<0.0017**	**<0.0017**	**<0.0017**	**<0.0017**

Table 5
Historical Analytical Results For Volatile Organic Compound Analyses in Groundwater Samples
at the Former Glovatorium Site
3815 Broadway, Oakland, California

Well Name	Date Sampled	PCE (mg/L)	TCE (mg/L)	cis-1,2-DCE (mg/L)	trans-1,2-DCE (mg/L)	Vinyl Chloride (mg/L)	1,2-DCP (mg/L)
GW-4	19-Jul-99	< 0.0005	< 0.0005	0.004	< 0.0005	< 0.0005	0.002
	20-Jan-00	0.001	< 0.0005	0.004	< 0.0005	< 0.0005	0.002
Split	20-Jan-00	0.001	< 0.0005	0.004	< 0.0005	< 0.0005	0.002
	27-Apr-00	0.002	< 0.0005	0.001	< 0.0005	< 0.0005	0.001
	30-Jan-01	< 0.0005	< 0.0005	0.002	< 0.0005	< 0.0005	0.001
	27-Jul-01	< 0.0005	< 0.0005	0.003	< 0.0005	0.001	0.002
	19-Oct-01	<0.0050	<0.0050	<0.0050	<0.0050	<0.0100	<0.0050
	31-Jan-02	<0.0050 [b]	<0.0050 [b]	<0.0050 [b]	<0.0050 [b]	<0.0100 [b]	<0.0050 [b]
	16,17-Apr-02	<0.0050	<0.0050	<0.0050	<0.0050	<0.0100	<0.0050
	17,18-Jul-02	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
	22,23-Oct-02	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005
	19-Feb-03	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005
	30-Jul-03	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005
	28-Jan-04	0.0081	<0.005	0.010	<0.005	<0.010	<0.005
	3-Aug-04	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005
	1-Feb-05	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005
	6-Jul-05	0.0006	<0.0005	0.0013	<0.0005	<0.0005	0.0011
	5-Jan-06	<0.0005	<0.0005	0.0018	<0.0005	<0.0005	0.0015
	28-Feb-07	**0.0006**	**<0.0005**	**0.0016**	**<0.0005**	**<0.0005**	**0.0014**
GW-5	27-Aug-99	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010	< 0.0010
	20-Jan-00	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
	27-Apr-00	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
GW-6A	27-Aug-99	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Split	27-Aug-99	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
	25-Jan-00	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
	27-Apr-00	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
GW-7	15-Jul-99	< 0.0005	< 0.0005	0.004	< 0.0005	< 0.0005	0.001
	15-Jul-99	< 0.0020	< 0.0020	0.004	< 0.0020	< 0.0020	< 0.0020
Split	15-Jul-99	< 0.0020	< 0.0020	0.004	< 0.0020	< 0.0020	< 0.0020
GW-8	19-Jul-99	0.024	0.015	0.004	0.002	0.001	< 0.0005
	20-Jan-00	0.150	0.190	0.053	0.012	0.005	< 0.0007
Split	20-Jan-00	0.150	0.180	0.052	0.011	0.005	< 0.0005
	28-Apr-00	0.120	0.110	0.029	0.005	0.002	< 0.0005

Table 5
Historical Analytical Results For Volatile Organic Compound Analyses in Groundwater Samples
at the Former Glovatorium Site
3815 Broadway, Oakland, California

Well Name	Date Sampled	PCE (mg/L)	TCE (mg/L)	cis-1,2-DCE (mg/L)	trans-1,2-DCE (mg/L)	Vinyl Chloride (mg/L)	1,2-DCP (mg/L)
Monitoring wells owned by TOSCO							
MW-11	25-Jan-00	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
	28-Apr-00	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
	10-Aug-00	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
	1-Nov-00	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
	31-Jan-01	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
	27-Apr-01	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
	27-Jul-01	0.002	0.001	0.006	< 0.0005	< 0.0005	< 0.0005
	19-Oct-01	<0.0050	<0.0050	<0.0050	<0.0050	<0.0100	<0.0050
	31-Jan-02	<0.0050 [b]	<0.0050 [b]	<0.0050 [b]	<0.0050 [b]	<0.0100 [b]	<0.0050 [b]
	16,17-Apr-02	<0.0050	<0.0050	<0.0050	<0.0050	<0.010	<0.0050
	17,18-Jul-02	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
	22,23-Oct-02	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005
	18-Feb-03	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005
	30-Jul-03	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005
	28-Jan-04	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005
	3-Aug-04	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005
	1-Feb-05	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005
	5-Jul-05	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	5-Jan-06	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	5-Jul-06	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	28-Feb-07	**<0.0005**	**<0.0005**	**<0.0005**	**<0.0005**	**<0.0005**	**<0.0005**

Table 5
Historical Analytical Results For Volatile Organic Compound Analyses in Groundwater Samples
at the Former Glovatorium Site
3815 Broadway, Oakland, California

Well Name	Date Sampled	PCE (mg/L)	TCE (mg/L)	cis-1,2-DCE (mg/L)	trans-1,2-DCE (mg/L)	Vinyl Chloride (mg/L)	1,2-DCP (mg/L)
Monitoring wells installed by LFR							
LFR-1	9-Aug-00	2.80	0.064	0.041	< 0.0083	< 0.0083	< 0.0083
	30-Oct-00	0.82	0.034	0.010	< 0.0031	< 0.0031	< 0.0031
Split	30-Oct-00	0.87	0.035	0.014	< 0.0031	< 0.0031	< 0.0031
	29-Jan-01	0.77	0.026	0.007	<0.0025	<0.0025	<0.0025
	26-Apr-01	0.44	0.013	0.005	<0.0013	<0.0013	<0.0013
	27-Jul-01	0.38	0.031	0.010	<0.0013	<0.0013	<0.0013
	18-Oct-01	0.78	0.093	<0.0310	<0.0310	<0.0630	<0.0310
	31-Jan-02	0.37 [b]	0.035 [b]	<0.0130 [b]	<0.0130 [b]	<0.0250 [b]	<0.0130 [b]
	16,17-Apr-02	0.38	0.040	<0.0130	<0.0130	<0.0250	<0.0130
	17,18-Jul-02	0.36	0.041	<0.013	<0.013	<0.025	<0.013
	22,23-Oct-02	0.18	0.024	0.007	<0.005	<0.010	<0.005
	18-Feb-03	0.28	0.032	<0.005	<0.005	<0.010	<0.005
	30-Jul-03	0.15	0.027	0.007	<0.005	<0.010	<0.005
	29-Jan-04	0.15	0.023	0.0077	<0.0063	<0.013	<0.0063
	4-Aug-04	0.058	0.016	0.0052	<0.005	<0.010	<0.005
	2-Feb-05	0.089	0.0079	0.0072	<0.005	<0.010	<0.005
	6-Jul-05	0.096	0.0260	0.0049	<0.0005	<0.0005	<0.0005
	6-Jan-06	0.062	0.0076	0.0010	<0.0005	<0.0005	<0.0005
	6-Jul-06	0.0078	0.0410	0.001	<0.0005	<0.0005	<0.0005
	1-Mar-07	**0.098**	**0.0099**	**0.0017**	**<0.0005**	**<0.0005**	**<0.0005**
LFR-2	11-Aug-00	< 0.0005	< 0.0005	0.035	< 0.0005	0.005	< 0.0005
	2-Nov-00	< 0.0005	< 0.0005	0.130	0.001	0.015	0.001
	29-Jan-01	<0.0005	<0.0005	0.006	<0.0005	0.002	<0.0005
	27-Apr-01	0.001	<0.0005	0.006	<0.0005	0.001	<0.0005
split	27-Jul-01	0.001	0.001	0.019	<0.0005	<0.0005	<0.0005
	18-Oct-01	<0.0071	<0.0071	0.160	<0.0071	<0.0140	<0.0071
	27-Apr-01	0.001	<0.0005	0.007	<0.0005	0.002	<0.0005
	31-Jan-02	<0.0050 [b]	<0.0050 [b]	0.0069 [b]	<0.0050 [b]	<0.0100 [b]	<0.0050 [b]
	16,17-Apr-02	<0.0050	<0.0050	<0.0050	<0.0050	<0.0100	<0.0050
	17,18-Jul-02	<0.005	<0.005	0.012	<0.005	<0.01	<0.005
	22,23-Oct-02	<0.005	<0.005	0.066	<0.005	<0.010	<0.005
	18-Feb-03	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005
	30-Jul-03	<0.005	<0.005	0.011	<0.005	<0.010	<0.005
	4-Aug-04	<0.005	<0.005	0.012	<0.005	<0.010	<0.005
	1-Feb-05	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005
	5-Jul-05	<0.0005	<0.0005	0.0012	<0.0005	<0.0005	<0.0005
	5-Jan-06	<0.0005	<0.0005	0.0007	<0.0005	<0.0005	<0.0005
	5-Jul-06	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	28-Feb-07	**<0.0005**	**<0.0005**	**<0.0005**	**<0.0005**	**<0.0005**	**<0.0005**

Table 5
Historical Analytical Results For Volatile Organic Compound Analyses in Groundwater Samples
at the Former Glovatorium Site
3815 Broadway, Oakland, California

Well Name	Date Sampled	PCE (mg/L)	TCE (mg/L)	cis-1,2-DCE (mg/L)	trans-1,2-DCE (mg/L)	Vinyl Chloride (mg/L)	1,2-DCP (mg/L)
LFR-3	10-Aug-00	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Split	10-Aug-00	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
	1-Nov-00	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
	30-Jan-01	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	27-Apr-01	0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	27-Jul-01	0.002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	18-Oct-01	<0.0050	<0.0050	<0.0050	<0.0050	<0.0100	<0.0050
	31-Jan-02	<0.0050 [b]	<0.0050 [b]	<0.0050 [b]	<0.0050 [b]	<0.0100 [b]	<0.0050 [b]
	16,17-Apr-02	<0.0050	<0.0050	<0.0050	<0.0050	<0.0100	<0.0050
	17,18-Jul-02	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
	22,23-Oct-02	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005
	19-Feb-03	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005
	30-Jul-03	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005
	29-Jan-04	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005
	3-Aug-04	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005
	2-Feb-05	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005
	5-Jul-05	0.011	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	9-Dec-05	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	6-Jan-06	0.0031	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	5-Jul-06	0.023	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
	1-Mar-07	**0.020**	**<0.0005**	**<0.0005**	**<0.0005**	**<0.0005**	**<0.0005**
LFR-4	11-Aug-00	< 0.0005	< 0.0005	0.001	< 0.0005	< 0.0005	< 0.0005
	31-Oct-00	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
	30-Jan-01	<0.0005	<0.0005	0.001	<0.0005	< 0.0005	< 0.0005
	27-Apr-01	<0.0005	<0.0005	0.002	<0.0005	<0.0005	<0.0005
	27-Jul-01	0.001	<0.0005	0.002	<0.0005	<0.0005	<0.0005
	16,17-Apr-02	<0.0050	<0.0050	<0.0050	<0.0050	<0.0100	<0.0050
	17,18-Jul-02	<0.005	<0.005	<0.005	<0.005	<0.01	<0.005
	22,23-Oct-02	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005
	19-Feb-03	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005
	30-Jul-03	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005
	29-Jan-04	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005
	4-Aug-04	NA	NA	NA	NA	NA	NA
	5-Jul-05	0.0011	<0.0005	0.0026	<0.0005	<0.0005	<0.0005
	5-Jul-06	<0.0005	<0.0005	0.0022	<0.0005	0.0007	<0.0005
	1-Mar-07	**<0.0005**	**<0.0005**	**0.0033**	**<0.0005**	**0.0006**	**<0.0005**

Table 5
Historical Analytical Results For Volatile Organic Compound Analyses in Groundwater Samples
at the Former Glovatorium Site
3815 Broadway, Oakland, California

Well Name	Date Sampled	PCE (mg/L)	TCE (mg/L)	cis-1,2-DCE (mg/L)	trans-1,2-DCE (mg/L)	Vinyl Chloride (mg/L)	1,2-DCP (mg/L)
Monitoring wells installed by SOMA							
SOMA-1	19-Oct-01	<0.0050	<0.0050	0.014	<0.0050	<0.0100	<0.0050
	31-Jan-02	0.0056 [b]	<0.0050 [b]	0.0070 [b]	<0.0050 [b]	<0.0100 [b]	0.0057 [b]
	16,17-Apr-02	0.006	<0.0050	0.007	<0.0050	<0.0100	<0.0050
	17,18-Jul-02	<0.005	<0.005	0.016	<0.005	<0.01	<0.005
	22,23-Oct-02	0.008	<0.005	0.041	<0.005	<0.010	0.007
	19-Feb-03	0.009	<0.0071	0.016	<0.0071	<0.014	<0.0071
	30-Jul-03	0.016	<0.005	0.042	<0.005	<0.010	0.006
	29-Jan-04	0.019	<0.005	0.044	<0.005	<0.010	0.0059
	3-Aug-04	0.019	<0.013	0.038	<0.013	<0.025	<0.013
	1-Feb-05	0.022	<0.017	0.028	<0.017	<0.033	<0.017
	5-Jul-05	0.041	0.0026	0.051	<0.0017	<0.0017	0.0046
	5-Jan-06	0.019	0.0013	0.028	<0.0005	<0.0005	0.0026
	5-Jul-06	0.037	0.0028	0.057	<0.002	<0.002	0.0037
	28-Feb-07	**0.079**	**0.0062**	**0.170**	**<0.002**	**<0.002**	**0.0067**
SOMA-2	19-Oct-01	1.400	0.350	5.000	<0.250	<0.500	<0.250
	31-Jan-02	<0.071 [b]	<0.071 [b]	1.8 [b]	<0.071 [b]	<0.140 [b]	<0.071 [b]
	16,17-Apr-02	<0.130	<0.130	2.900	<0.130	<0.250	<0.130
	17,18-Jul-02	<0.063	<0.063	1.600	<0.063	<0.13	<0.063
	22,23-Oct-02	0.017	0.008	0.350	<0.0071	<0.014	<0.0071
	19-Feb-03	<0.017	<0.017	0.790	<0.017	<0.033	<0.017
	29-Jul-03	0.032	<0.020	0.580	<0.040	<0.040	<0.020
	28-Jan-04	0.036	<0.017	0.430	<0.017	<0.033	<0.017
	4-Aug-04	<0.031	<0.031	0.430	<0.031	<0.063	<0.031
	2-Feb-05	<0.310	<0.310	6.100	<0.310	<0.630	<0.310
	6-Jul-05	0.078	0.047	5.200	0.044	<0.025	<0.025
	9-Jan-06	<0.042	<0.042	7.30	0.049	<0.042	<0.042
	6-Jul-06	<0.042	<0.042	5.400	0.046	<0.042	<0.042
	1-Mar-07	**<0.042**	**<0.042**	**5.100**	**<0.042**	**<0.042**	**<0.042**
SOMA-3	19-Oct-01	0.042	0.057	0.440	<0.025	<0.050	<0.025
	31-Jan-02	0.018 [b]	0.023 [b]	0.38 [b]	<0.013 [b]	<0.025 [b]	<0.013 [b]
	16,17-Apr-02	0.025	0.018	0.36	<0.017	<0.033	<0.017
	17,18-Jul-02	0.027	<0.017	0.44	<0.017	<0.033	<0.017
	22,23-Oct-02	<0.170	<0.170	5.90	<0.170	<0.330	<0.170
	19-Feb-03	<0.130	<0.130	4.10	<0.130	<0.250	<0.130
	29-Jul-03	0.150	0.220	4.70	<0.130	<0.250	<0.130
	29-Jan-04	<0.310	<0.310	7.70	<0.310	<0.630	<0.310
	4-Aug-04	<0.500	<0.500	6.90	<0.500	<1.0	<0.500
	2-Feb-05	<0.063	<0.063	1.10	<0.063	<0.130	<0.063
	6-Jul-05	0.031	0.014	0.89	0.0067	0.0011	0.0032
	6-Jan-06	0.025	0.0094	0.77	0.005	0.001	0.0026
	6-Jul-06	0.015	0.0064	0.370	<0.005	<0.005	<0.005
	1-Mar-07	**0.015**	**<0.005**	**0.270**	**<0.005**	**<0.005**	**<0.005**
SOMA-4	19-Oct-01	<0.13	<0.13	2.600	<0.13	<0.25	<0.13
	31-Jan-02	FP	FP	FP	FP	FP	FP
	16,17-Apr-02	FP	FP	FP	FP	FP	FP
	17,18-Jul-02	FP	FP	FP	FP	FP	FP
	22,23-Oct-02	FP	FP	FP	FP	FP	FP
	18-Feb-03	FP	FP	FP	FP	FP	FP
	29-Jul-03	FP	FP	FP	FP	FP	FP
SOMA-5	4-Aug-04	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005
	2-Feb-05	<0.005	<0.005	<0.005	<0.005	<0.010	<0.005
	6-Jul-05	<0.0025	<0.0025	0.0057	<0.0025	<0.0025	<0.0025
	9-Jan-06	<0.0025	0.0067	0.430	0.027	<0.0025	<0.0025
	6-Jul-06	<0.0005	<0.0005	0.0035	<0.0005	<0.0005	<0.0005
	1-Mar-07	**<0.0005**	**<0.0005**	**<0.0005**	**<0.0005**	**<0.0005**	**<0.0005**

Notes:
<: Not detected above the laboratory reporting limits.
[b] analysis was carried out past hold date, no analytical problems were encountered
FP: Not Analyzed due to Free Product

Table 5
Historical Analytical Results For Volatile Organic Compound Analyses in Groundwater Samples
at the Former Glovatorium Site
3815 Broadway, Oakland, California

Well Name	Date Sampled	PCE (mg/L)	TCE (mg/L)	cis-1,2-DCE (mg/L)	trans-1,2-DCE (mg/L)	Vinyl Chloride (mg/L)	1,2-DCP (mg/L)

NA: Not Analyzed. Well LFR-4 was inaccessible during the Third Quarter 2004 Monitoring Event.

Table 6
Historical In-Situ and Ex-Situ Analyses Results for Bioattenuation Parameters in Groundwater Samples
at the Former Glovatorium Site
3815 Broadway, Oakland, California

Well Name	Date Sampled	Dissolved Oxygen (mg/L)	Dissolved Manganese (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Methane* (mg/L)	ORP	Hydrogen (nanoMoles)
B-7	11-Aug-00						11.0	193	
B-7-field	11-Aug-00	0.63		-1.0	3.0				
	31-Oct-00	0.62	2.6	< 0.10	< 1.0	11.00	2.4		-3
B-7-field	31-Oct-00	0.25		0.4	-1.0	15.85		-63	
	1-Feb-01	0.78	2.2	0.8	<1.0	15.00	13.0		
B-7-field	31-Jan-01	0.48						28	
B-7 Field	26-Apr-01	0.60	1.7	2.5	5.0	>3.3	7.6	-28	
B-7 Field	26-Jul-01	1.98	7.3	0.0	8.0	11.60	7.0	-40	
B-8 field	31-Jan-01	0.45						58	
B-10	10-Aug-00			< 0.05	< 0.05	5.70	10.0	213	
B-10-field	10-Aug-00	0.44		-1.0	-2.0				
	31-Oct-00	2.40	1.4	< 0.10	< 1.0	5.90	6.7		0.81
B-10-field	31-Oct-00	0.44		0.0	0.0	7.60		-22	
	31-Jan-01	6.40	1.3	< 0.10	<2.0	7.70	24.0		1.3
B-10-field	31-Jan-01	0.46						64	
B-10 Field	11-Jun-01	0.90	0.0	0	0	1.25	3.9	-8	NM
B-10 Field	26-Jun-01	1.87	1.3	0	3	6.20	5.6	-22	
	6-Jul-05	9.53	41.1	35	80	3.30	2.2	12	
	9-Jan-06	3.39	13.6	0	0	3.30	10.0	10	
	6-Jul-06	10.62	0.0	0	0	3.30	11	-104	
	1-Mar-07	**10.53**	**1.8**	**0**	**0**	**3.30**	**0.25**	**-76.3**	
GW-2-field	1-Nov-00	2.32						77	
GW-2	1-Feb-01	3.80					0.0410		
GW-2-field	1-Feb-01	0.58						159	
	26-Apr-01	4.00	1.0	7.1	36	0.02	0.0002	152	NM
	26-Jul-01	1.93	0.0	3.9	60	0.00	0.0160	233	
GW-2 field	Not En. Sample						0.0009		
	31-Jan-02	2.80	0.0	0.8	45	0.36	0.0069	179	NM
	16,17-Apr-02	1.76	0.0	4.7	70	0.09	0.0003	198	
	17,18-Jul-02	1.39	0.6	0.0	69	0.00	0.0021	161	
	22,23-Oct-02	3.86	0.6	11.5	40	0.07	0.0007	166	

Table 6
Historical In-Situ and Ex-Situ Analyses Results for Bioattenuation Parameters in Groundwater Samples
at the Former Glovatorium Site
3815 Broadway, Oakland, California

Well Name	Date Sampled	Dissolved Oxygen (mg/L)	Dissolved Manganese (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Methane* (mg/L)	ORP	Hydrogen (nanoMoles)
GW-2	19-Feb-03	7.24	0.1	10.3	49	0.03	0.0012	169	
	29-Jul-03	4.21	0.2	0.0	44	0.00	0.0007	47	
	28-Jan-04	6.02	0.0	3.3	56	0.00	0.00046	143	
	4-Aug-04	8.27	0.0	0.0	27	0.00	0.00035	115	
	2-Feb-05	8.41	0.0	0.0	40	0.00	<0.0050	76	
	6-Jul-05	10.90	0.0	5.3	51	0.00	<0.005	90	
	6-Jan-06	8.11	2.4	0.0	44	0.00	<0.005	86	
	6-Jul-06	9.71	0.3	0.0	53	0.00	<0.005	86	
	28-Feb-07	**6.51**	**1.5**	**14.4**	**48**	**0.12**	**<0.005**	**33.5**	
GW-3	11-Aug-00						< 0.0005	395	
GW-3-field	11-Aug-00	0.72		1.0	46				
GW-3-field	1-Nov-00	7.76						81	
	29-Jan-01	8.80					0.0120		
GW-3-field	1-Feb-01	8.99						235	
	27-Apr-01	2.90	0.0	0.7	30	0.00	0.0150	212	NM
	26-Jul-01	2.48	0.0	2.4	52	0.12	0.0083	214	
GW-3 field	18-Oct-01	3.76	0.0	5.2	4.9	0.00	0.0041	131	NM
	31-Jan-02	3.70	0.2	1.3	52	0.00	0.0081	163	
	16,17-Apr-02	7.55	0.0	4.2	59	0.00	0.0006	133	
	17,18-Jul-02	3.50	0.0	0.0	47	0.22	0.0100	155	
	22,23-Oct-02	2.19	0.0	1.6	33	0.00	0.0007	178	
	19-Feb-03	5.28	0.4	4.0	43	0.02	0.0007	123	
	29-Jul-03	6.12	0.0	0.0	31	0.00	0.0005	96	
	28-Jan-04	4.21	0.0	0.8	61	0.00	0.00042	141	
	3-Aug-04	10.20	0.0	0.0	41	0.00	0.00028	84	
	2-Feb-05	3.97	0.5	0.0	12	0.00	<0.0050	84	
	6-Jul-05	7.96	2.9	0.5	52	0.00	<0.005	67	
	6-Jan-06	5.22	0.0	0.0	4	0.00	<0.005	61	
	6-Jul-06	5.69	3.1	0.0	31	0.00	<0.005	63	
	1-Mar-07	**7.27**	**0.6**	**4.3**	**15**	**0.00**	**<0.005**	**50.4**	
GW-4-field	30-Jan-01	0.83						67	
GW-4-field	26-Jul-01	2.59	0.2	10.5	25	1.29	0.0028	-3	
GW-4-field	18-Oct-01	1.00	0.1	0.0	0	4.80	4.80	-84	NM
GW-4	31-Jan-02	0.90	0.8	0.0	0	8.00	3.50	-91	
	16,17-Apr-02	0.41	0.1	5.2	0	5.70	4.70	-2	
	17,18-Jul-02	2.38	3.0	0.0	0	>3.3	4.60	-68	
	22,23-Oct-02	NM	NM	NM	NM	NM	0.30	NM	
	19-Feb-03	7.76	0.4	5.4	0	3.30	2.30	-57	
	30-Jul-03	5.38	6.1	0.0	0	3.30	1.30	-141	

Table 6
Historical In-Situ and Ex-Situ Analyses Results for Bioattenuation Parameters in Groundwater Samples
at the Former Glovatorium Site
3815 Broadway, Oakland, California

Well Name	Date Sampled	Dissolved Oxygen (mg/L)	Dissolved Manganese (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Methane* (mg/L)	ORP	Hydrogen (nanoMoles)
GW-4	28-Jan-04	2.17	5.9	0.0	0	3.30	0.22	-73	
	3-Aug-04	10.35	0.9	0.0	0	3.30	3.20	-113	
	1-Feb-05	2.97	0.8	0.0	0	1.53	1.20	93	
	6-Jul-05	9.17	1.9	9.8	20	1.07	0.84	128	
	5-Jan-06	7.62	3.4	0.0	0	3.30	3.40	110	
	28-Feb-07	**5.26**	**1.1**	**0.0**	**0**	**3.30**	**3.90**	**-119.5**	
MW-11	10-Aug-00			2.8	63	< 0.1	< 0.0005	476	
MW-11-field	10-Aug-00	2.52		4.1	67				
	1-Nov-00	4.10	< 0.010	15.0	90	< 0.1	0.0000		130
MW-11-field	1-Nov-00	4.01		3.3	73	0.00		87	
MW-11-field	1-Nov-00	3.97		27.3	74	0.00		319	
	31-Jan-01	6.30	< 0.010	15.0	94	< 1.0	0.0001		1.1
MW-11 Field	26-Apr-01	7.40	0.0	6.8	52	0.00	0.0014	229	NM
MW-11 Field	26-Jul-01	1.85	0.0	5.2	77	0.00	0.0049	233	
MW-11 Field	18-Oct-01	5.58	0.0	10.1	NM	0.00	0.0066	155	NM
	31-Jan-02	4.90	0.0	2.8	79	0.00	0.0077	218	
	16,17-Apr-02	3.18	0.0	2.8	88	0.00	0.0092	242	
	17,18-Jul-02	2.82	0.0	4.1	79	0.00	0.0088	357	
	22,23-Oct-02	4.47	0.0	3.7	69	0.00	0.0025	118	
	18-Feb-03	5.65	0.6	2.3	73	0.00	0.0022	304	
	30-Jul-03	3.80	0.1	0.0	54	0.00	0.0010	224	
	28-Jan-04	7.32	0.0	0.0	80	0.00	0.0200	130	
	3-Aug-04	10.40	0.0	0.0	77	0.00	0.0028	185	
	1-Feb-05	6.99	1.7	0.0	52	0.00	<0.0050	91	
	5-Jul-05	10.38	1.2	0.0	80	0.00	<0.005	125	
	5-Jan-06	6.21	0.0	0.0	65	0.00	<0.005	166	
	5-Jul-06	8.35	5.9	0.0	80	0.00	<0.005	35	
	28-Feb-07	**6.68**	**0.4**	**0.0**	**41**	**0.63**	**<0.005**	**12.9**	
LFR-1	9-Aug-00							462	
	11-Aug-00						0.0096		
LFR-1-field	9-Aug-00	3.63		5.5	30				1.5
	30-Oct-00	2.70	0.0	39.0	42	< 1.0	0.0004		
LFR-1-field/split	30-Oct-00	2.95		10.3/10.0	29/29	0.01/0.01		77	1
LFR-1 split	30-Oct-00	3.40	0.0	40.0	43.0	< 1.0	0.0007		
	29-Jan-01	5.10	<0.01	<0.10	51	<1.0	0.0001		0.43
LFR-1-field	29-Jan-01	3.78	0.0		36	0.00		383	
LFR-1 Dup	29-Jan-01	4.60	<0.01	<0.10	50	<1.0	0.0000		0.32
	26-Apr-01	3.20	0.0	12.9	16	0.00	0.0003	224	NM
	26-Jul-01	1.07	0.0	8.0	25	0.01	0.0084	238	

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LFR-1 field	18-Oct-01	1.03	0.0	6.9	24	0.18	0.0054	119	NM
LFR-1	31-Jan-02	1.80	0.3	5.5	31	0.00	0.0062	163	
	16,17-Apr-02	1.68	0.3	1.5	38	0.39	0.0030	240	
	17,18-Jul-02	0.00	0.0	6.1	3	0.07	0.0047	209	
	22,23-Oct-02	0.00	0.4	0.0	23	0.15	0.0008	265	
	18-Feb-03	7.76	0.0	4.3	30	0.00	0.0008	260	
	30-Jul-03	0.58	0.3	0.0	10	0.00	0.0004	190	
	29-Jan-04	3.12	0.5	0.0	57	0.00	0.0011	19	
	4-Aug-04	6.26	5.8	0.0	17	0.00	0.0010	62	
	2-Feb-05	5.24	0.0	0.0	1	0.00	0.0120	93	
	6-Jul-05	8.53	0.2	2.5	40	0.00	<0.005	110	
	6-Jan-06	5.43	3.9	0.0	5	0.00	0.025	161	
	6-Jul-06	9.93	0.4	0.0	6	0.00	<0.005	99	
	1-Mar-07	**5.00**	**5.2**	**4.5**	**42**	**0.04**	**<0.005**	**62.9**	
LFR-2	11-Aug-00						6.60	270	
LFR-2-field	11-Aug-00	0.48		1.5	-1.0	2.70			1200
	2-Nov-00	2.20	8.8	0.3	5.4	5.30	8.50		
LFR-2-field	2-Nov-00	0.47		0.5	-1.0	6.05		-24	
	30-Jan-01	4.40	8.9	1.0	8.3	4.60	4.60		1.1
LFR-2-field	30-Jan-01	0.61	10.7	2.9		1.02		210	
	27-Apr-01	1.40	0.4	1.6	1.0	2.66	14.00	9	NM
	26-Jul-01	0.55	0.2	0.0	0.0	4.50	10.00	-20	
LFR-2 field	18-Oct-01	0.43	0.0	0.0	0.0	6.50	11.00	-75	NM
	31-Jan-02	1.00	0.0	2.6	19.0	1.81	11.00	-14	
	16,17-Apr-02	0.00	0.0	1.7	0.0	7.20	16.00	-6	
	17,18-Jul-02	0.00	13.9	0.0	0.0	7.20	9.60	-64	
	22,23-Oct-02	0.00	10.7	0.5	0.0	3.30	4.70	-82	
	18-Feb-03	0.42	9.0	0.0	0.0	3.30	9.60	-53	
	30-Jul-03	0.00	3.0	0.0	0.0	3.30	8.70	-85	
	4-Aug-04	4.78	1.6	0.0	0.0	3.30	6.20	-93	
	1-Feb-05	1.77	12.1	0.0	0.0	1.79	11.00	69	
	5-Jul-05	4.21	18.2	0.0	0.0	3.30	11.00	-60	
	5-Jan-06	3.53	3.8	0.0	3.0	3.30	14.00	-29	
	5-Jul-06	7.70	4.3	0.0	0.0	3.30	10.00	-136	
	28-Feb-07	**3.03**	**4.2**	**0.0**	**0.0**	**3.30**	**11.00**	**-89.9**	

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Well Name	Date Sampled	Dissolved Oxygen (mg/L)	Dissolved Manganese (mg/L)	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Methane* (mg/L)	ORP	Hydrogen (nanoMoles)
LFR-3	10-Aug-00			2.4	64	< 0.1	0.0005	464	
LFR-3 split	10-Aug-00							< 0.0005	
LFR-3-field	10-Aug-00	1.30		2.4	64				850
	1-Nov-00	4.70	0.0	8.8	74	< 1.0	0.0003		
LFR-3-field	1-Nov-00	0.58		1.8	57	0.00		75	
	31-Jan-01	4.10	<0.01	1.2	58	< 1.0	0.0004		
LFR-3-field	30-Jan-01	1.75		0.0	44	0.00		195	
LFR-3 Field	11-Jun-01	1.00	0.0	0.8	28	0.00	0.0086	201	NM
LFR-3 Field	26-Jul-01	1.29	0.4	0.0	51	0.60	0.0035	228	
LFR-3 Field	18-Oct-01	0.54	0.0	0.8	30	0.11	0.0093	139	NM
	31-Jan-02	0.80	0.4	2.6	32	0.00	0.0072	212	
	16,17-Apr-02	0.19	0.4	0.0	55	0.79	0.0096	228	
	17,18-Jul-02	0.00	0.2	1.7	42	0.00	0.0068	166	
	22,23-Oct-02	0.11	0.5	0.0	36	0.00	0.0035	186	
	19-Feb-03	1.10	0.5	0.0	19	0.54	0.0069	217	
	30-Jul-03	0.17	0.1	0.0	21	0.00	0.0069	167	
	29-Jan-04	1.39	0.0	0.0	0	3.30	0.0011	64	
	3-Aug-04	5.14	3.9	0.0	8	0.00	0.0054	175	
	2-Feb-05	2.74	0.0	0.0	0	0.00	<0.005	94	
	5-Jul-05	7.59	0.5	35.0	80	3.29	<0.005	85	
	6-Jan-06	3.52	1.8	0.0	23	0.67	<0.005	151	
	5-Jul-06	5.47	1.1	0.0	40	0.00	<0.005	56	
	1-Mar-07	**3.78**	**1.6**	**5.3**	**12**	**0.72**	**<0.005**	**42.7**	
LFR-4	11-Aug-00						0.06	402	
LFR-4-field	11-Aug-00	1.13		0.7	1	0.14			1.1
	31-Oct-00	1.90	2.2	< 0.10	2.9	1.10	3.20		
LFR-4-field	31-Oct-00	0.64		1.0		0.61		-80	
	1-Feb-01	3.20	2.8	1.5	2.8	1.80	2.20		1.5
LFR-4-field	1-Feb-01	0.55	4.5	8.0	0.0	1.50		59	
LFR-4 Field	27-Apr-01	5.60	0.0	1.7	0.0	1.37	7.00	14	NM
LFR-4 Field	26-Jul-01	1.65	0.0	0.0	0.0	0.84	1.20	18	
	16,17-Apr-02	0.00	1.0	2.6	6.0	4.80	12.00	-4	
	17,18-Jul-02	0.79	6.8	0.0	0.0	>3.3	2.80	3	
	22,23-Oct-02	0.00	4.0	0.0	0.0	2.55	1.30	-63	
	19-Feb-03	0.50	6.8	0.0	18	3.30	4.40	-41	
	30-Jul-03	0.28	5.1	0.0	0.0	3.30	3.90	-49	
	29-Jan-04	1.64	5.0	0.0	0.0	0.52	4.00	1	
	4-Aug-04	NM	NM	NM	NM	NM	NM	NM	
	5-Jul-05	5.22	2.8	0.0	0.0	3.30	5.40	61	
	5-Jul-06	9.70	5.9	0.0	0.0	3.30	9.20	-98	
	1-Mar-07	**3.97**	**1.7**	**0.0**	**0.0**	**3.30**	**3.00**	**-50**	

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SOMA-1	18-Oct-01	4.19	0.3	0.2	33	0.52	0.12	151	NM
	31-Jan-02	0.40	0.0	0.0	18	0.00	0.58	141	NM
	16,17-Apr-02	0.00	0.0	0.6	31	0.10	0.82	213	
	17,18-Jul-02	0.00	0.0	1.8	28	0.05	0.44	149	
	22,23-Oct-02	0.00	0.7	0.0	4	0.00	0.68	131	
	18-Feb-03	5.12	0.4	0.0	1	0.00	0.41	258	
	30-Jul-03	0.00	0.4	0.0	1	0.00	0.99	74	
	29-Jan-04	0.29	0.5	0.0	13	0.47	0.85	133	
	3-Aug-04	4.44	0.0	0.0	25	0.00	0.50	152	
	1-Feb-05	1.57	0.1	0.0	0.0	0.00	0.83	137	
	5-Jul-05	7.58	0.5	0.0	16	0.21	1.50	72	
	5-Jan-06	5.82	0.0	0.0	6	0.00	0.60	156	
	5-Jul-06	6.79	1.8	0.0	13	0.00	1.10	66	
	28-Feb-07	**2.13**	**10.1**	**0.0**	**12**	**0.00**	**2.50**	**37.3**	
SOMA-2	18-Oct-01	0.57	0.0	0.4	0.0	40.00	6.60	-89	NM
	31-Jan-02	0.70	3.8	0.8	0.0	9.00	13.00	103	NM
	16,17-Apr-02	0.00	0.5	0.1	0.0	7.40	14.00	-69	
	17,18-Jul-02	0.00	5.7	0.0	0.0	>3.3	9.40	-87	
	22,23-Oct-02	0.35	1.7	2.8	15	3.30	2.20	-98	
	19-Feb-03	3.17	1.9	1.7	0.0	2.89	2.40	-72	
	30-Jul-03	2.71	1.0	0.0	0.0	0.83	1.00	-53	
	28-Jan-04	4.52	0.2	0.0	0.0	1.46	1.70	-8	
	4-Aug-04	7.06	0.4	0.0	0.0	0.31	1.40	-33	
	2-Feb-05	1.17	8.4	0.0	0.0	3.30	13.00	-95	
	6-Jul-05	5.67	1.1	0.0	0.0	3.30	11.00	-66	
	9-Jan-06	3.01	15.7	5.6	0.0	3.30	15.00	-60	
	6-Jul-06	8.92	7.4	0.0	0.0	3.30	14.00	-85	
	1-Mar-07	**6.42**	**8.7**	**0.0**	**0.0**	**3.30**	**12.00**	**-137**	
SOMA-3	18-Oct-01	1.32	0.0	0.0	33	0.22	1.00	2	NM
	31-Jan-02	1.00	22.0	2.0	54	0.62	0.46	-71	NM
	16,17-Apr-02	2.60	0.0	0.6	42	0.77	0.41	29	
	17,18-Jul-02	0.97	10.9	0.0	23	>3.3	0.94	-51	
	22,23-Oct-02	0.30	2.7	0.1	7	3.26	4.20	-98	
	19-Feb-03	0.18	0.0	0.0	0.0	3.30	9.00	-88	
	30-Jul-03	0.00	2.0	0.0	0.0	3.30	8.70	-106	
	29-Jan-04	2.30	3.5	0.0	0.0	3.30	8.40	-85	
	4-Aug-04	5.35	0.0	0.0	0.0	3.30	6.50	-105	
	2-Feb-05	3.66	0.3	0.0	0.0	0.00	2.70	-73	
	6-Jul-05	9.65	0.7	0.0	0.0	0.77	2.50	84	
	6-Jan-06	2.20	2.9	0.0	0.0	0.40	3.10	86	
	6-Jul-06	10.52	0.5	0.0	0.0	0.37	1.40	-58	
	1-Mar-07	**5.03**	**0.5**	**0.0**	**0.0**	**0.80**	**1.40**	**-51.9**	
SOMA-4	18-Oct-01	0.83	4.0	22.0	17	0.22	1.20	88	NM
SOMA-5	4-Aug-04	5.65	0.0	0.0	0.0	0.23	1.70	-143	
	2-Feb-05	2.40	1.5	0.0	0.0	3.30	3.00	-81	
	6-Jul-05	8.91	20.9	0.0	0.0	3.30	20.00	-113	
	9-Jan-06	3.24	15.2	0.0	0.0	3.30	10.00	-141	
	6-Jul-06	10.54	0.0	0.0	0.0	0.82	6.90	-129	
	1-Mar-07	**NM**	**NM**	**NM**	**NM**	**NM**	**NM**	**NM**	

Notes:
Samples with "field" in the well number indicate that the results are from field measurements obtained using a Hach spectrophotometer or a Hydrolab Quanta flow-through instrument.
since April 2001, field measurements have been obtained by a Hach Calorimeter
*) Methane was measured by Microseep Laboratory.
Since the First Quarter 2005, Curtis & Tompkins has analyzed for methane.
NM: Not Measured. Well LFR-4 was inaccessible during the Third Quarter 2004 monitoring event.

Table 7
Free Product Removal Log
Former Glovatorium Site
3815 Broadway, Oakland, CA

Date	Depth to Water (feet)	Depth to Free Product (feet)	Thickness of Free Product (feet)
SOMA-4			
2002			
31-Jan-2002	11.30	8.80	2.50
10-Apr-2002	12.45	9.58	2.87
29-Apr-2002	13.00	9.80	3.20
10-Sep-2002	16.75	10.26	6.49
19-Sep-2002	16.32	10.64	5.68
27-Sep-2002	16.59	10.65	5.94
3-Oct-2002	16.95	11.65	5.30
7-Oct-2002	17.40	11.01	6.39
8-Oct-2002	17.11	10.75	6.36
14-Oct-2002	17.51	10.53	6.98
25-Oct-2002	16.90	10.96	5.94
1-Nov-2002	15.59	11.70	3.89
14-Nov-2002	16.24	11.20	5.04
20-Nov-2002	13.44	11.90	1.54
15-Dec-2002	12.73	12.10	0.63
2003			
18-Jul-2003	17.70	7.20	10.50

Table 7
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3815 Broadway, Oakland, CA

Date	Depth to Water (feet)	Depth to Free Product (feet)	Thickness of Free Product (feet)
SOMA-4			
2004			
28-Jan-2004	12.00	2.90	9.10
2005			
29-Jun-2005	10.40	10.10	0.30
18-Jul-2005	10.35	9.90	0.45
25-Jul-2005	10.75	10.00	0.75
1-Aug-2005	10.87	9.25	1.62
24-Aug-2005	13.47	9.95	3.52
31-Aug-2005	11.15	10.01	1.14
6-Sep-2005	12.98	10.78	2.20
12-Sep-2005	11.15	9.10	2.05
19-Sep-2005	12.90	10.80	2.10
5-Oct-2005	12.80	10.85	1.95
2006			
4-Jan-2006	12.50	8.60	3.90
12-Jan-2006	13.10	10.30	2.80
18-Jan-2006	13.64	10.50	3.14
24-Jan-2006	9.20	9.19	0.01
24-Jan-2006	began extracting free product using GeoTech pump		
26-Jan-2006	9.67	9.66	0.01
13-Feb-2006	10.24	10.23	0.01
27-Feb-2006	9.72	9.70	0.02
10-Mar-2006	8.90	8.70	0.20
20-Mar-2006	7.80	7.70	0.10
30-Mar-2006	8.30	8.20	0.10

Table 7
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Date	Depth to Water (feet)	Depth to Free Product (feet)	Thickness of Free Product (feet)
SOMA-4			
2006			
6-Apr-2006	7.01	6.65	0.36
18-Apr-2006	moved GeoTech pump from SOMA-4 to B-8		
1-May-2006	7.60	7.56	0.04
10-May-2006	8.64	8.63	0.01
22-May-2006	8.53	8.40	0.13
1-Jun-2006	8.64	8.61	0.03
7-Jun-2006	8.86	8.82	0.04
19-Jun-2006	9.39	9.38	0.01
27-Jun-2006	10.54	10.46	0.08
13-Jul-2006	10.75	10.15	0.60
24-Jul-2006	11.05	10.16	0.89
3-Aug-2006	12.02	10.32	1.70
14-Aug-2006	13.08	9.88	3.20
14-Aug-2006	began extracting free product using GeoTech pump		
25-Aug-2006	13.95	10.70	3.25
28-Aug-2006	11.50	10.73	0.77
9-Sep-2006	14.23	10.75	3.48
13-Sep-2006	12.95	10.70	2.25
27-Sep-2006	15.78	11.00	4.78
4-Oct-2006	14.61	11.26	3.35
11-Oct-2006	14.25	10.75	3.50
1-Nov-2006	17.23	10.92	6.31
22-Nov-2006	14.98	10.53	4.45
30-Nov-2006	15.16	10.29	4.87
8-Dec-2006	13.54	11.30	2.24
11-Dec-2006	12.24	10.66	1.58

Table 7
Free Product Removal Log
Former Glovatorium Site
3815 Broadway, Oakland, CA

Date	Depth to Water (feet)	Depth to Free Product (feet)	Thickness of Free Product (feet)
SOMA-4			
2007			
8-Jan-2007	11.15	10.78	0.37
12-Jan-2007	10.79	10.38	0.41
16-Jan-2007	11.00	11.00	0.00
24-Jan-2007	11.10	10.83	0.27
31-Jan-2007	11.02	10.44	0.58
8-Feb-2007	11.50	10.64	0.86
14-Feb-2007	9.60	9.25	0.35
22-Feb-2007	9.94	9.81	0.13
9-Mar-2007	9.73	9.53	0.20
16-Mar-2007	10.02	10.01	0.01
22-Mar-2007	9.93	9.91	0.02
26-Mar-2007	10.67	10.67	0.00
26-Mar-2007	Stopped extracting free product from well SOMA-4. Moved GeoTech pump from SOMA-4 to B-8		
4-Apr-2007	10.56	10.39	0.17
9-Apr-2007	**10.71**	**10.60**	**0.11**
B-8			
2001			
18-Oct-2001	12.31	10.21	2.10
2002			
31-Jan-2002	6.79	6.29	0.50
10-Apr-2002	8.22	8.08	0.14
29-Apr-2002	8.55	8.45	0.10
3-Oct-2002	10.40	9.64	0.76
7-Oct-2002	10.37	8.79	1.58
8-Oct-2002	10.28	9.68	0.60
14-Oct-2002	10.30	9.69	0.61
22-Oct-2002	10.39	9.70	0.69
2003			
18-Jul-2003	9.40	9.17	0.23

Table 7
Free Product Removal Log
Former Glovatorium Site
3815 Broadway, Oakland, CA

Date	Depth to Water (feet)	Depth to Free Product (feet)	Thickness of Free Product (feet)
B-8			
2005			
29-Jun-2005	11.50	11.25	0.25
18-Jul-2005	10.90	10.10	0.80
25-Jul-2005	10.92	10.20	0.72
1-Aug-2005	10.85	9.85	1.00
24-Aug-2005	10.35	10.10	0.25
31-Aug-2005	10.48	10.10	0.38
6-Sep-2005	10.86	10.59	0.27
12-Sep-2005	10.59	10.00	0.59
19-Sep-2005	11.20	10.60	0.60
5-Oct-2005	11.30	10.50	0.80
2006			
4-Jan-2006	9.50	8.00	1.50
12-Jan-2006	11.40	10.20	1.20
18-Jan-2006	11.93	11.00	0.93
24-Jan-2006	8.65	8.65	0.00
26-Jan-2006	8.72	8.70	0.02
13-Feb-2006	8.82	8.59	0.23
27-Feb-2006	8.81	8.61	0.20
10-Mar-2006	7.45	6.85	0.60
20-Mar-2006	7.90	7.20	0.70
30-Mar-2006	7.88	7.00	0.88

Table 7
Free Product Removal Log
Former Glovatorium Site
3815 Broadway, Oakland, CA

Date	Depth to Water (feet)	Depth to Free Product (feet)	Thickness of Free Product (feet)
B-8			
2006			
6-Apr-2006	7.91	7.90	0.01
18-Apr-2006	began extracting free product using GeoTech pump		
1-May-2006	8.34	8.31	0.03
22-May-2006	9.51	8.92	0.59
1-Jun-2006	9.81	9.30	0.51
7-Jun-2006	10.24	9.51	0.73
14-Jun-2006	10.58	9.73	0.85
27-Jun-2006	9.04	8.92	0.12
27-Jun-2006	removed GeoTech pump from well		
13-Jul-2006	9.61	9.30	0.31
24-Jul-2006	9.70	9.26	0.44
3-Aug-2006	10.01	9.05	0.96
14-Aug-2006	10.41	9.69	0.72
25-Aug-2006	10.60	9.64	0.96
28-Aug-2006	10.62	9.80	0.82
7-Sep-2006	10.68	9.73	0.95
13-Sep-2006	10.65	9.78	0.87
27-Sep-2006	11.03	10.23	0.80
4-Oct-2006	11.00	10.20	0.80
11-Oct-2006	10.68	9.73	0.95
1-Nov-2006	11.39	10.24	1.15
22-Nov-2006	11.53	9.78	1.75
30-Nov-2006	11.64	9.25	2.39
8-Dec-2006	11.53	9.76	1.77
11-Dec-2006	11.44	9.68	1.76
2007			
8-Jan-2007	11.56	9.33	2.23
12-Jan-2007	11.58	9.33	2.25
16-Jan-2007	11.59	9.49	2.10
24-Jan-2007	11.77	9.70	2.07
31-Jan-2007	11.76	9.62	2.14
8-Feb-2007	11.92	9.71	2.21
14-Feb-2007	10.91	7.61	3.30
22-Feb-2007	11.46	8.54	2.92
9-Mar-2007	11.34	8.20	3.14
16-Mar-2007	11.53	8.60	2.93
22-Mar-2007	11.72	8.71	3.01
26-Mar-2007	11.71	8.81	2.90
26-Mar-2007	Started extracting free product from well B-8. Moved GeoTech pump from SOMA-4 to B-8		
4-Apr-2007	10.71	9.67	1.04
9-Apr-2007	**10.83**	**9.91**	**0.92**

FIGURES

N

approximate scale in feet

0 250 500

Figure 1: Site vicinity map.

SOMA ENVIRONMENTAL ENGINEERING, INC.

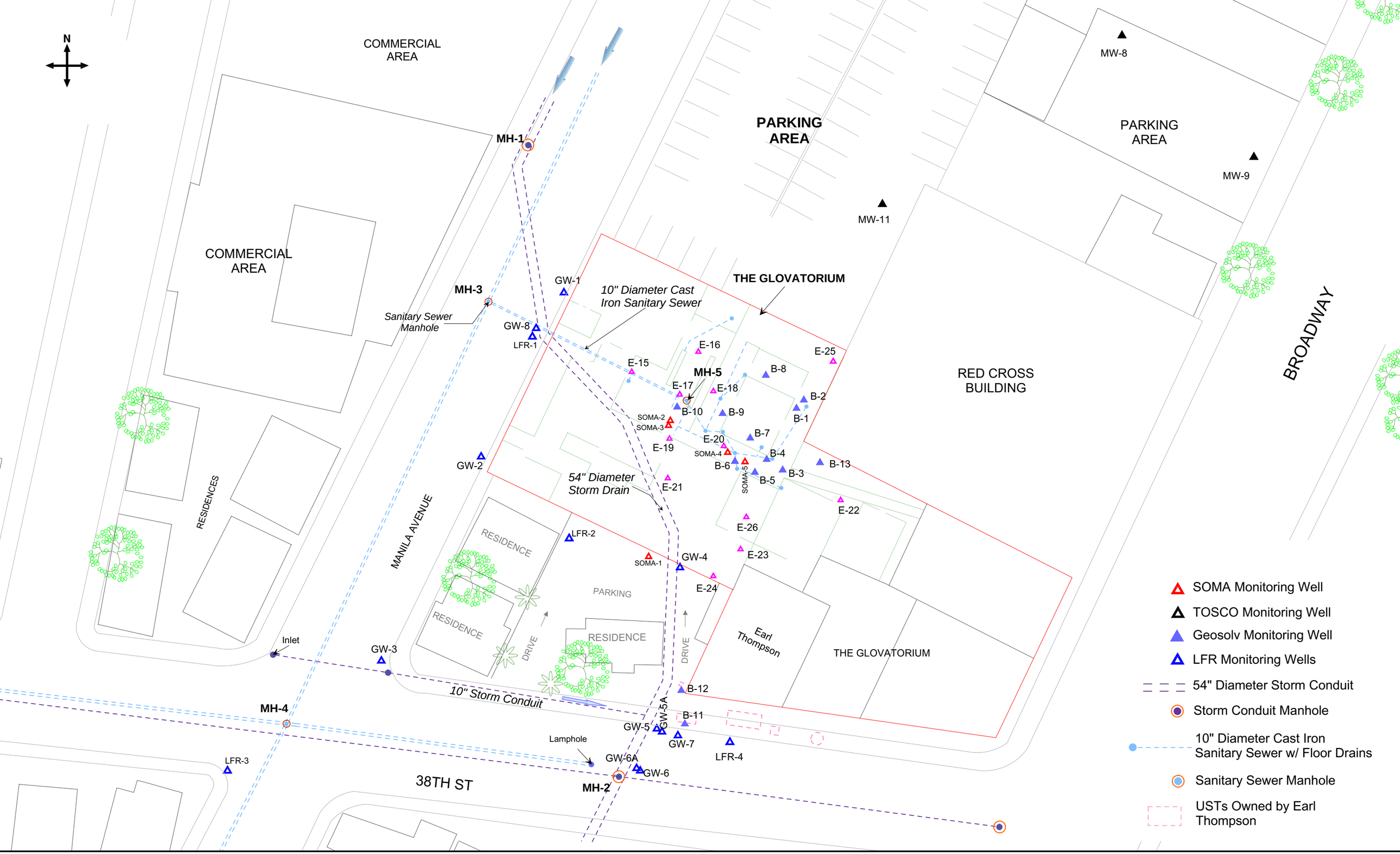


Figure 2: Map showing the approximate locations of groundwater monitoring wells.

SOMA ENVIRONMENTAL ENGINEERING, INC.

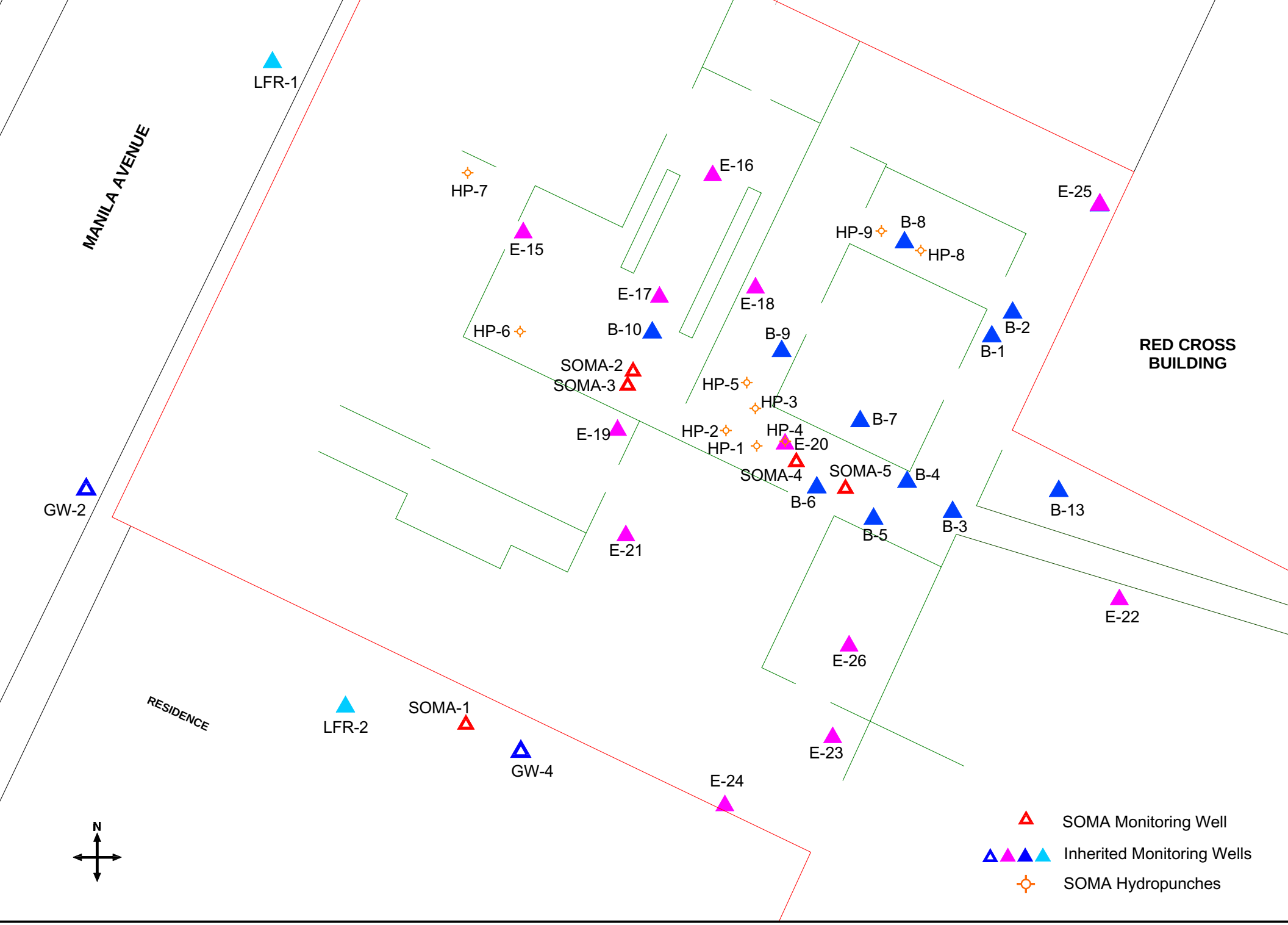


Figure 2a: Map showing the approximate locations of SOMA monitoring wells, SOMA hydropunches, and inherited monitoring locations within the former Glovatorium building.

SOMA ENVIRONMENTAL ENGINEERING, INC.

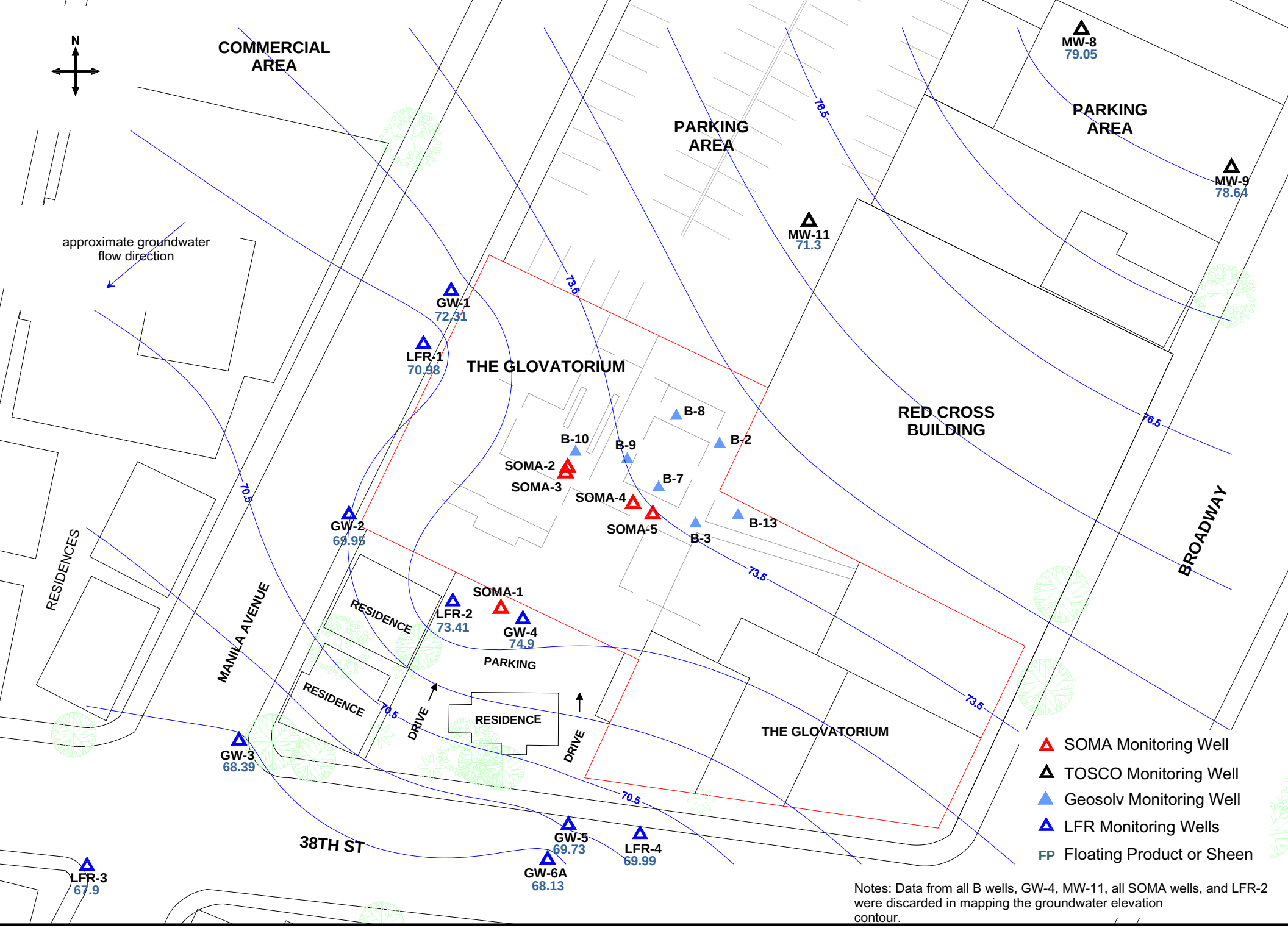


Figure 3: Groundwater elevation contour map in feet. February 28, 2007.

SOMA ENVIRONMENTAL ENGINEERING, INC.

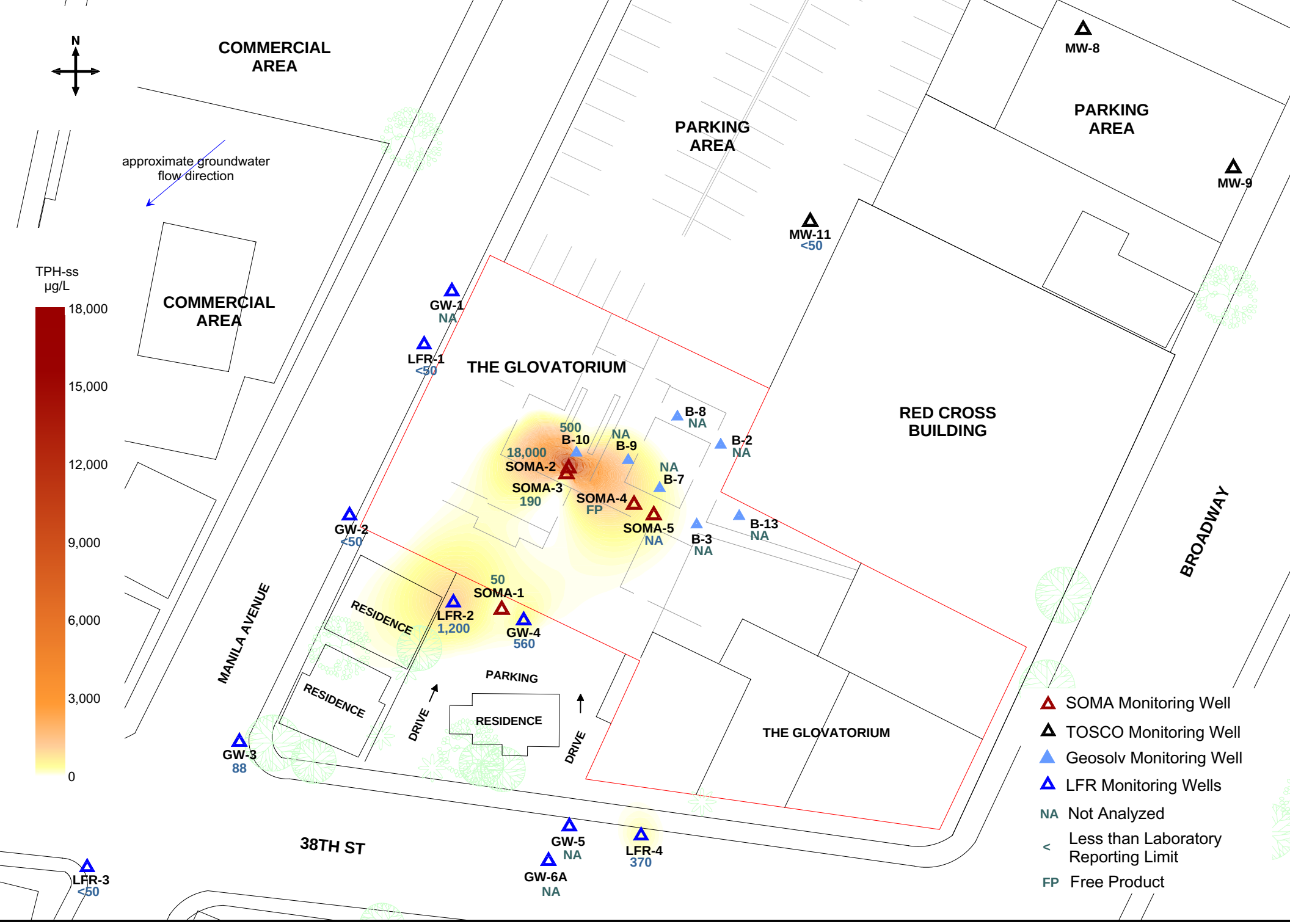


Figure 4: Contour map of TPH-ss concentrations in groundwater. February 28-March 1, 2007.

ENVIRONMENTAL ENGINEERING, INC.

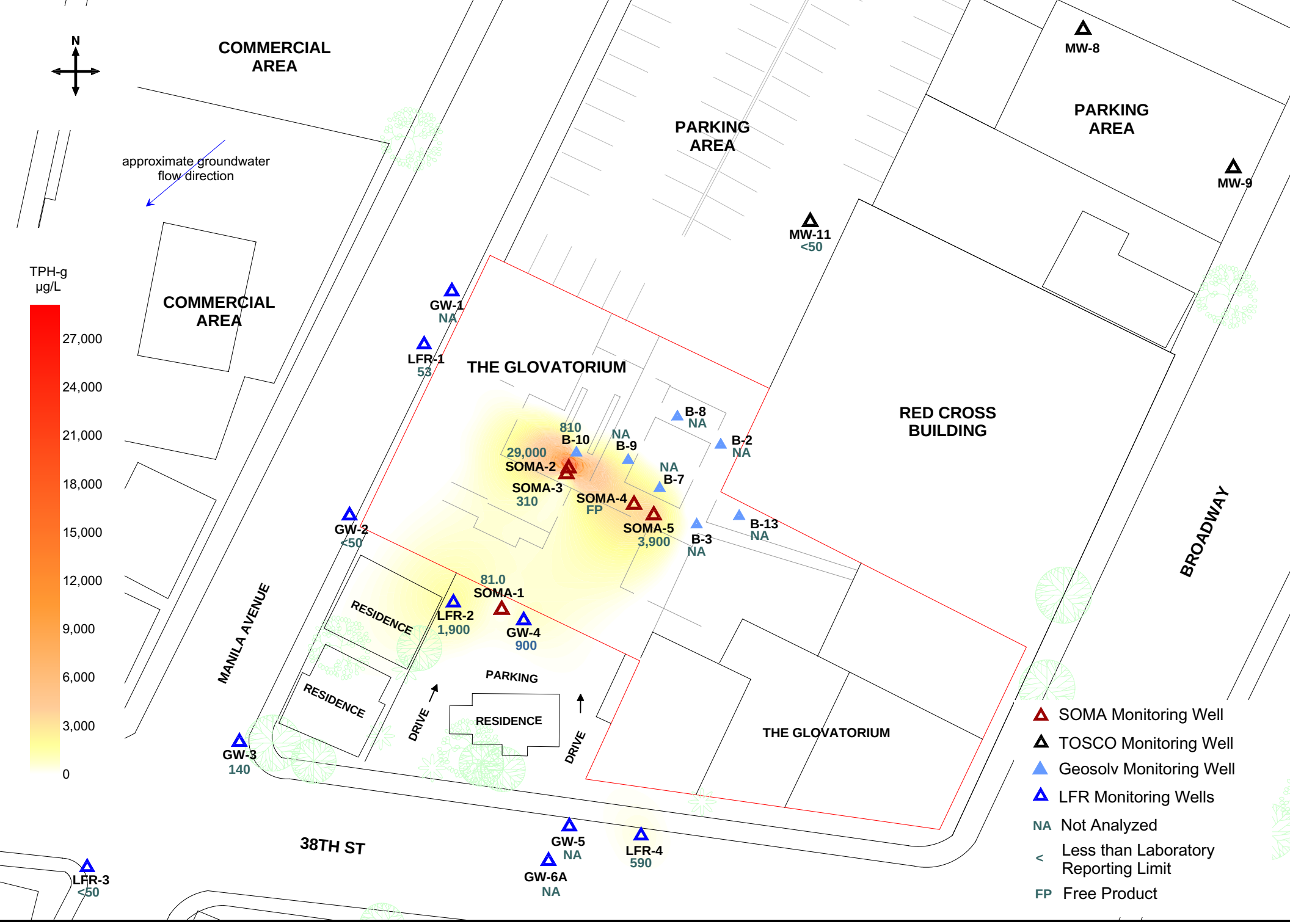


Figure 5: Contour map of TPH-g concentrations in groundwater. February 28-March 1, 2007.

ENVIRONMENTAL ENGINEERING, INC.

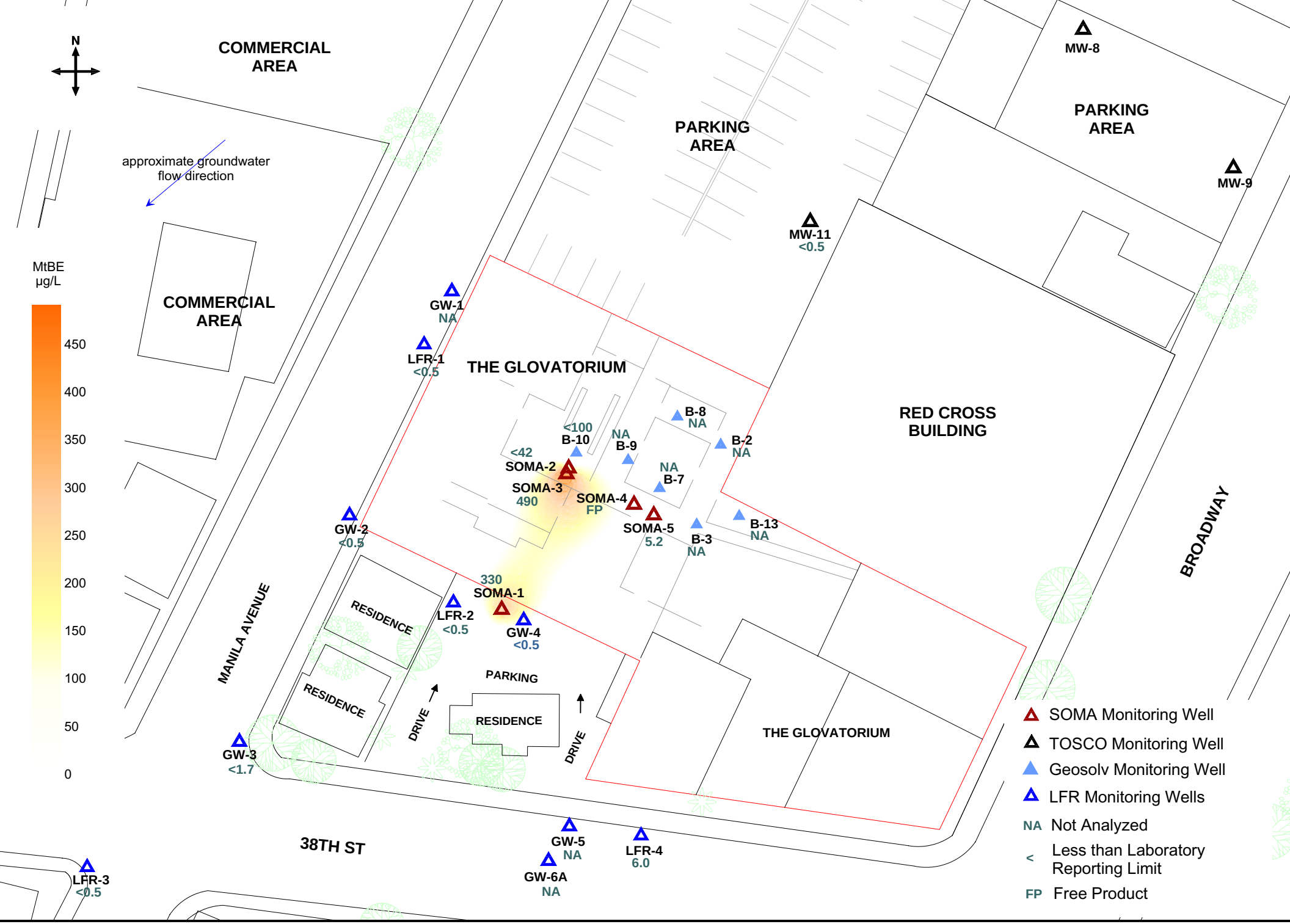


Figure 6: Contour map of MtBE concentrations in groundwater (EPA Method 8260B). February 28-March 1, 2007.

ENVIRONMENTAL ENGINEERING, INC.

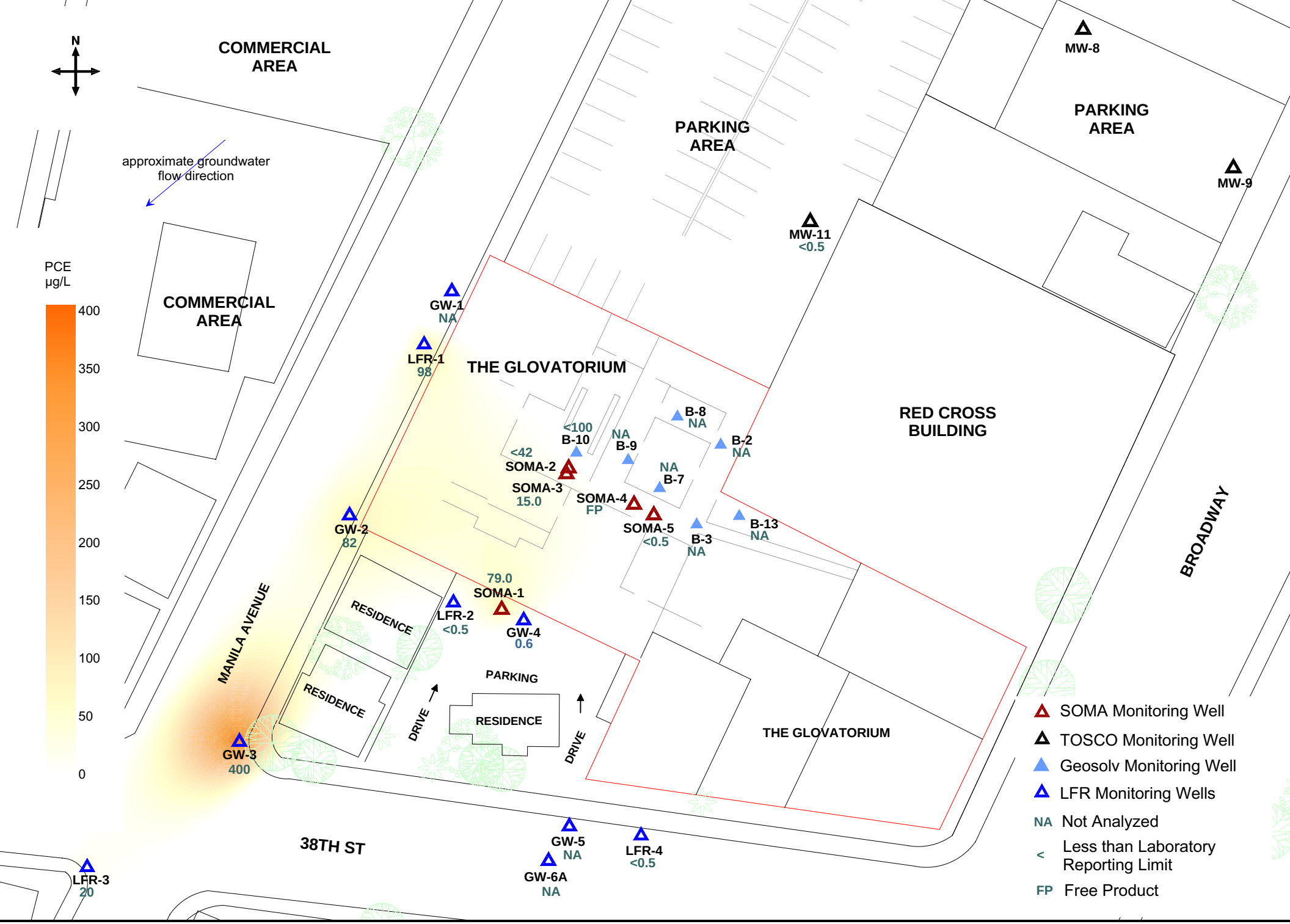


Figure 7: Contour map of PCE concentrations in groundwater. February 28-March 1, 2007.

ENVIRONMENTAL ENGINEERING, INC.

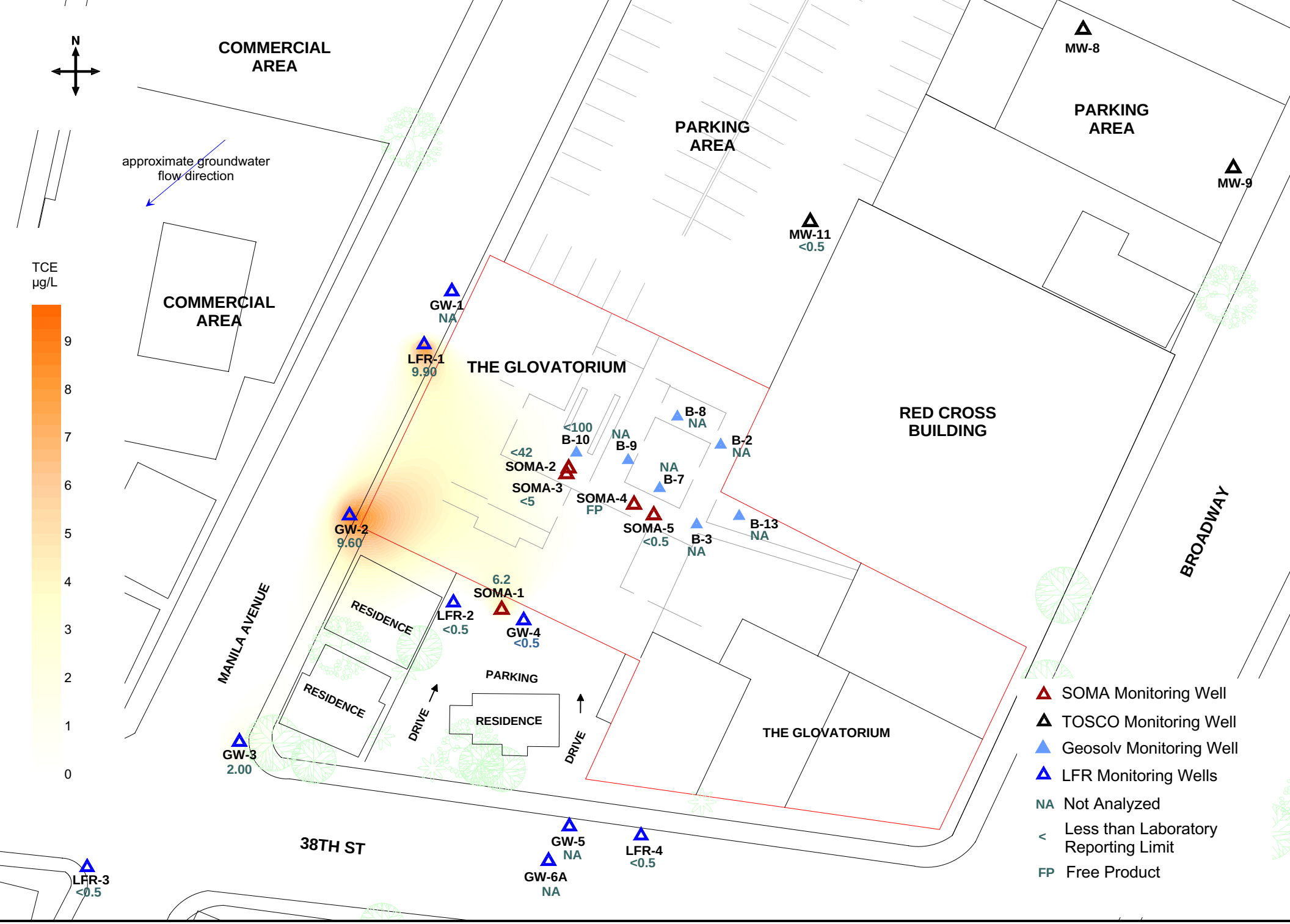
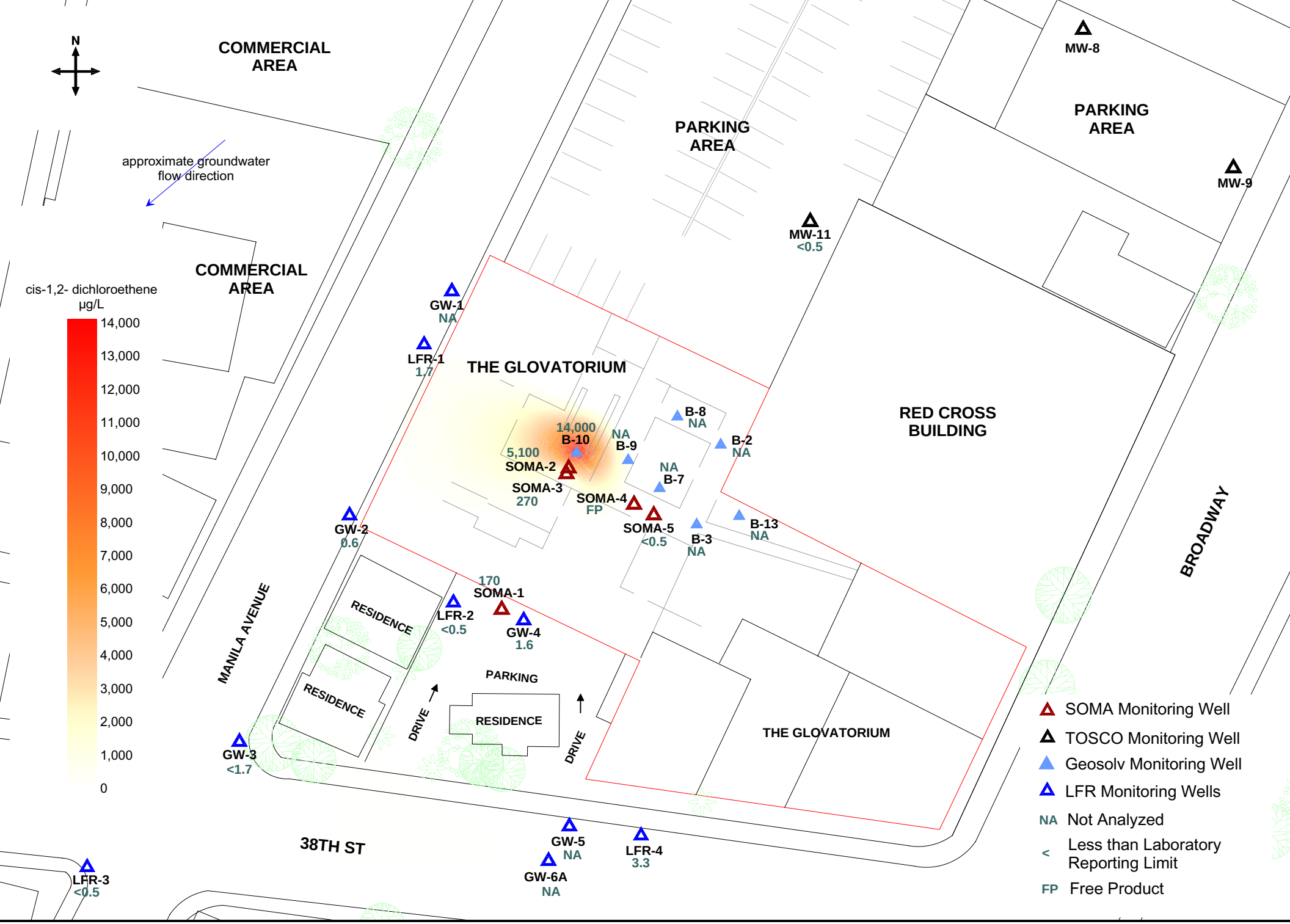


Figure 8: Contour map of TCE concentrations in groundwater. February 28-March 1, 2007.

ENVIRONMENTAL ENGINEERING, INC.



approximate scale in feet

0 50 100

Figure 9: Contour map of cis-1,2-dichloroethene concentrations in groundwater. February 28-March 1, 2007.

SOMA ENVIRONMENTAL ENGINEERING, INC.

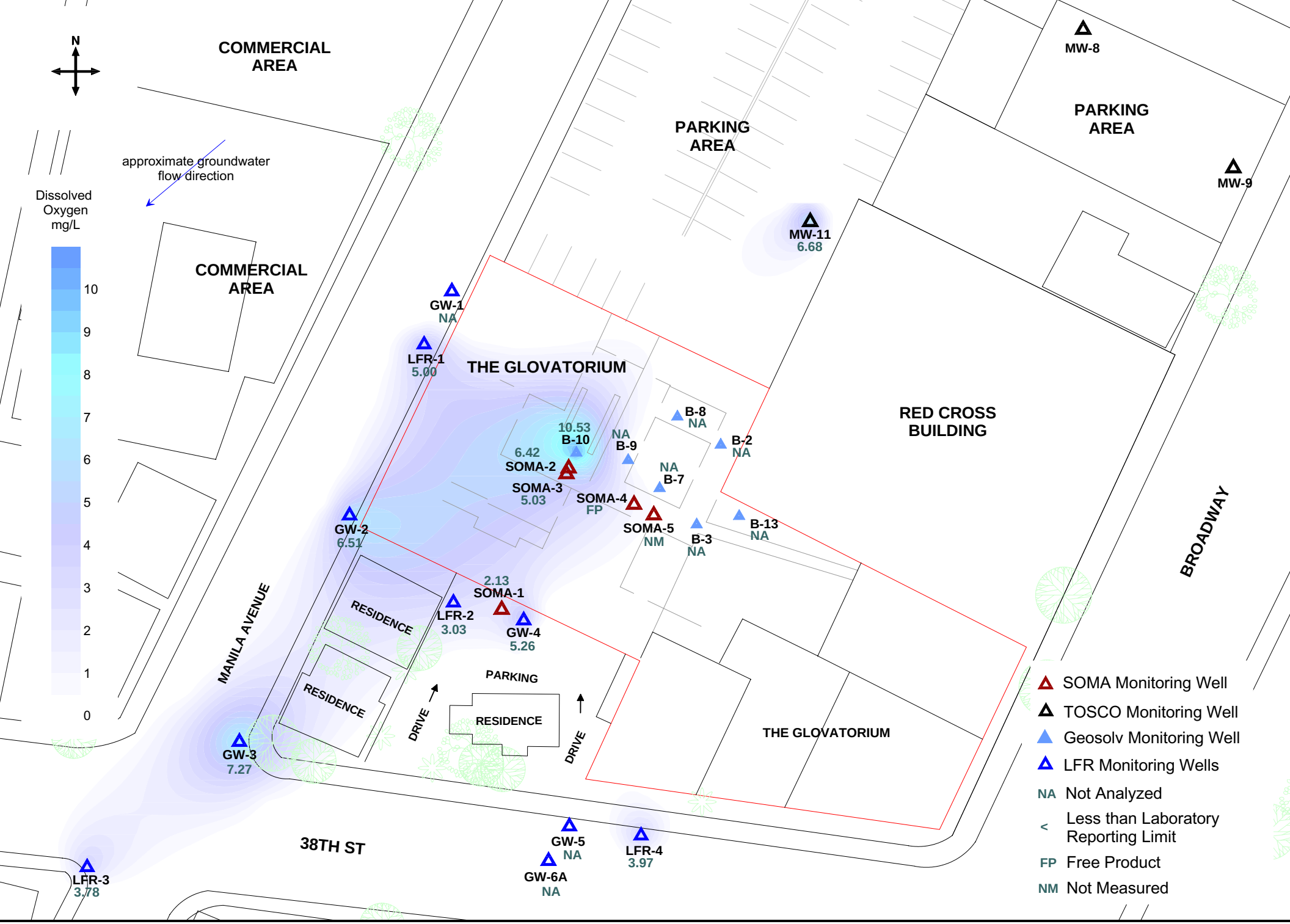


Figure 10: Contour map of dissolved oxygen concentrations in groundwater. February 28-March 1, 2007.

SOMA ENVIRONMENTAL ENGINEERING, INC.

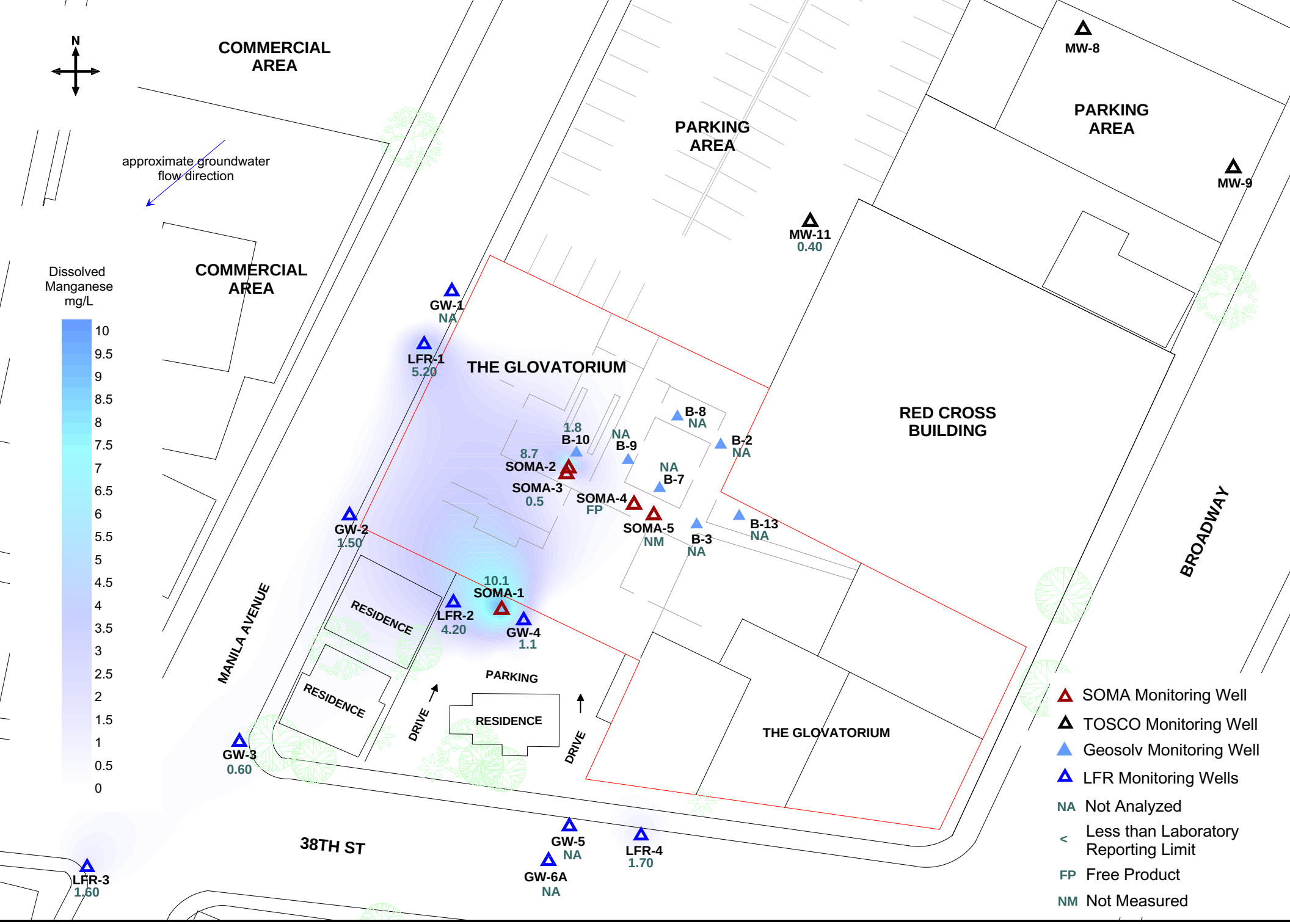


Figure 11: Contour map of dissolved manganese concentrations in groundwater. February 28-March 1, 2007.

SOMA ENVIRONMENTAL ENGINEERING, INC.

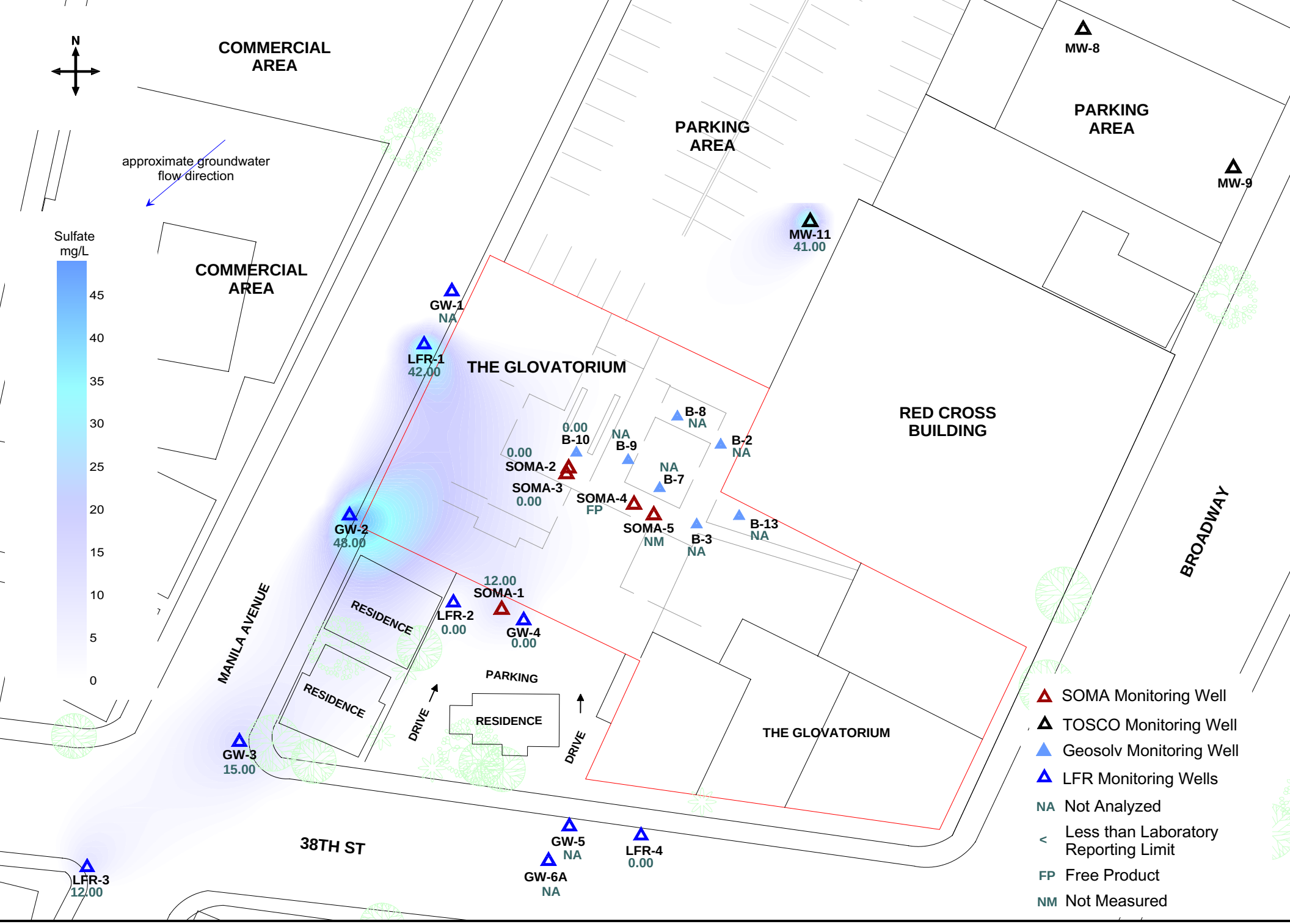


Figure 12: Contour map of sulfate concentrations in groundwater. February 28-March 1, 2007.

ENVIRONMENTAL ENGINEERING, INC.

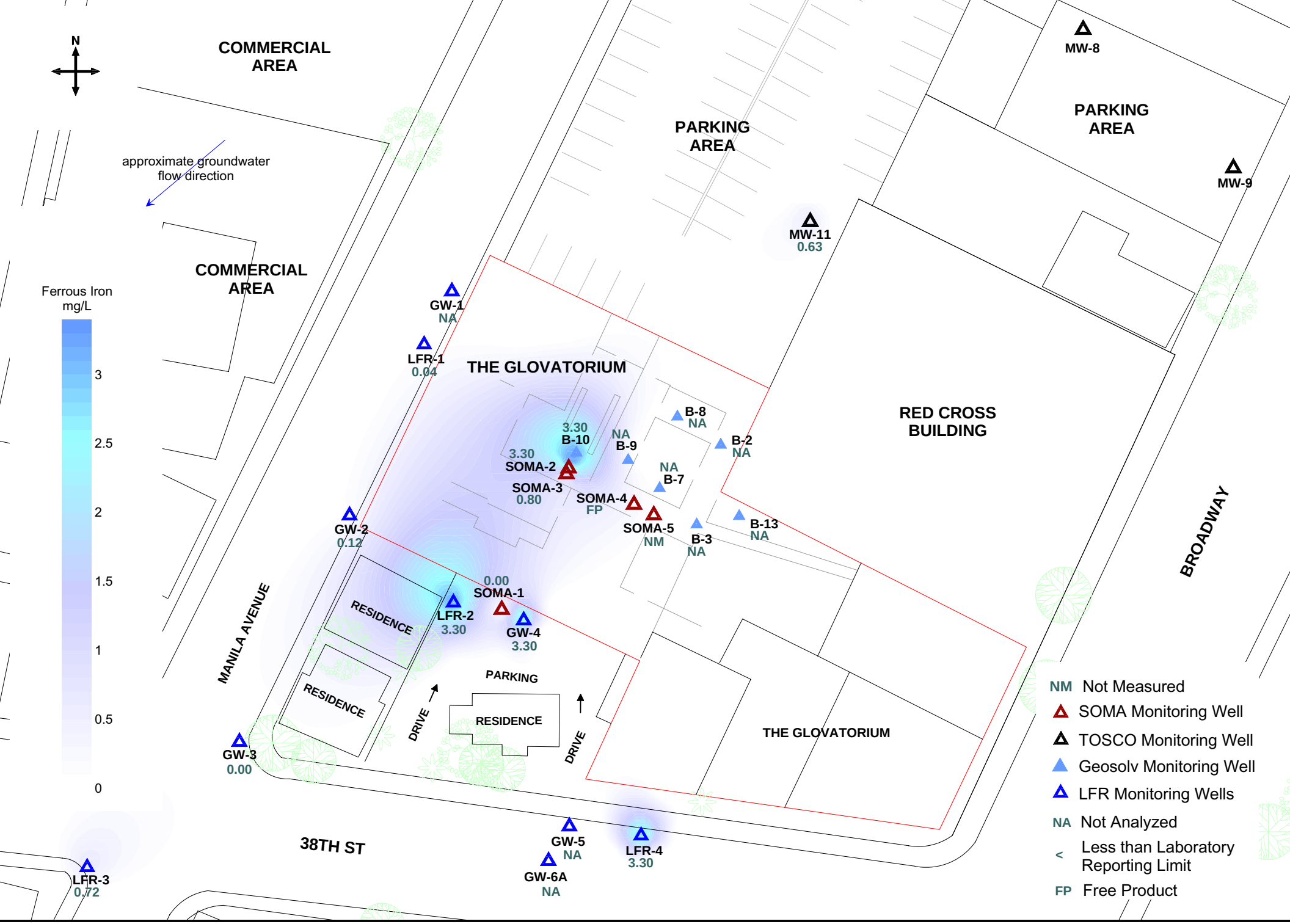


Figure 13: Contour map of ferrous iron concentrations in groundwater. February 28-March 1, 2007.

ENVIRONMENTAL ENGINEERING, INC.

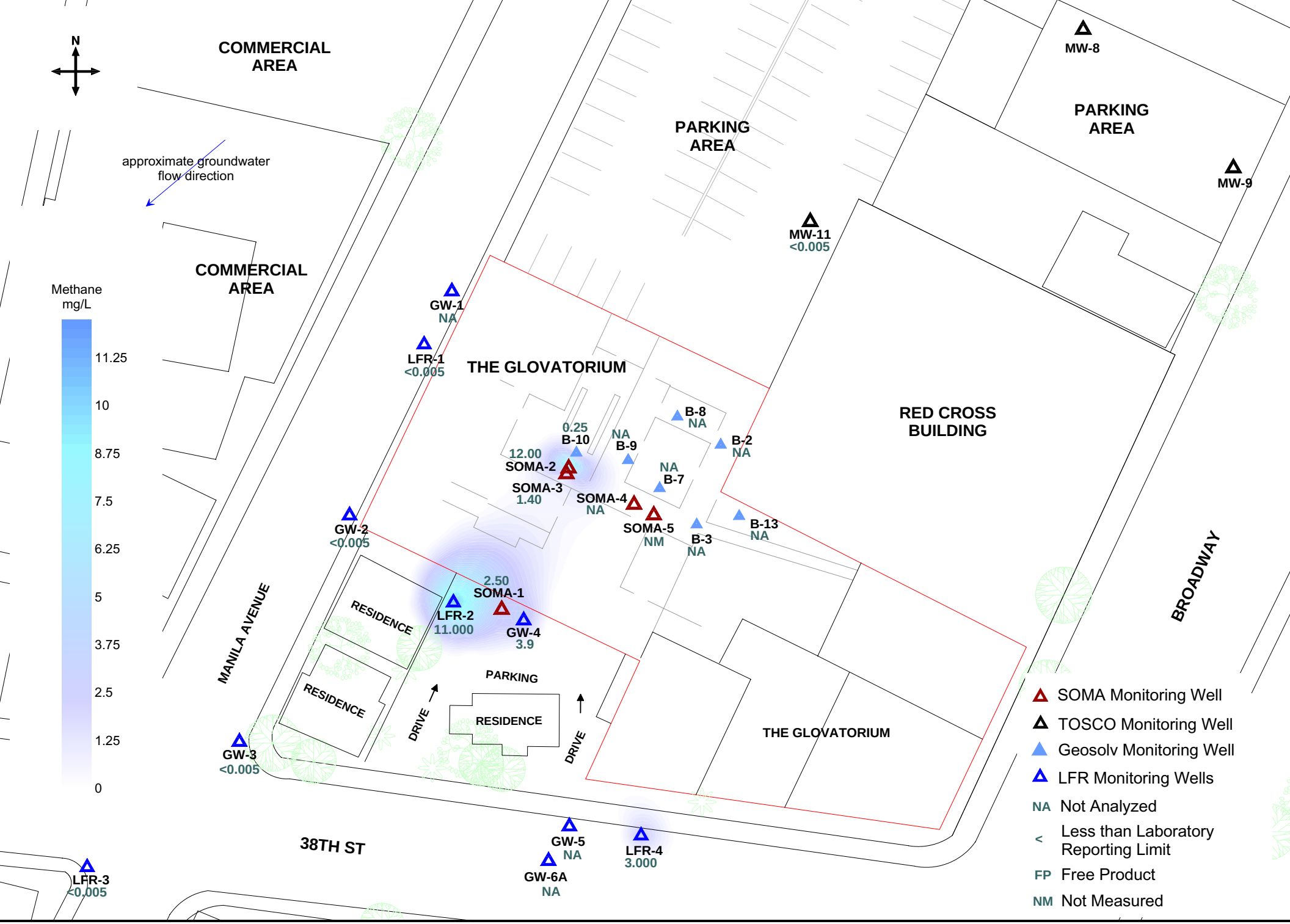
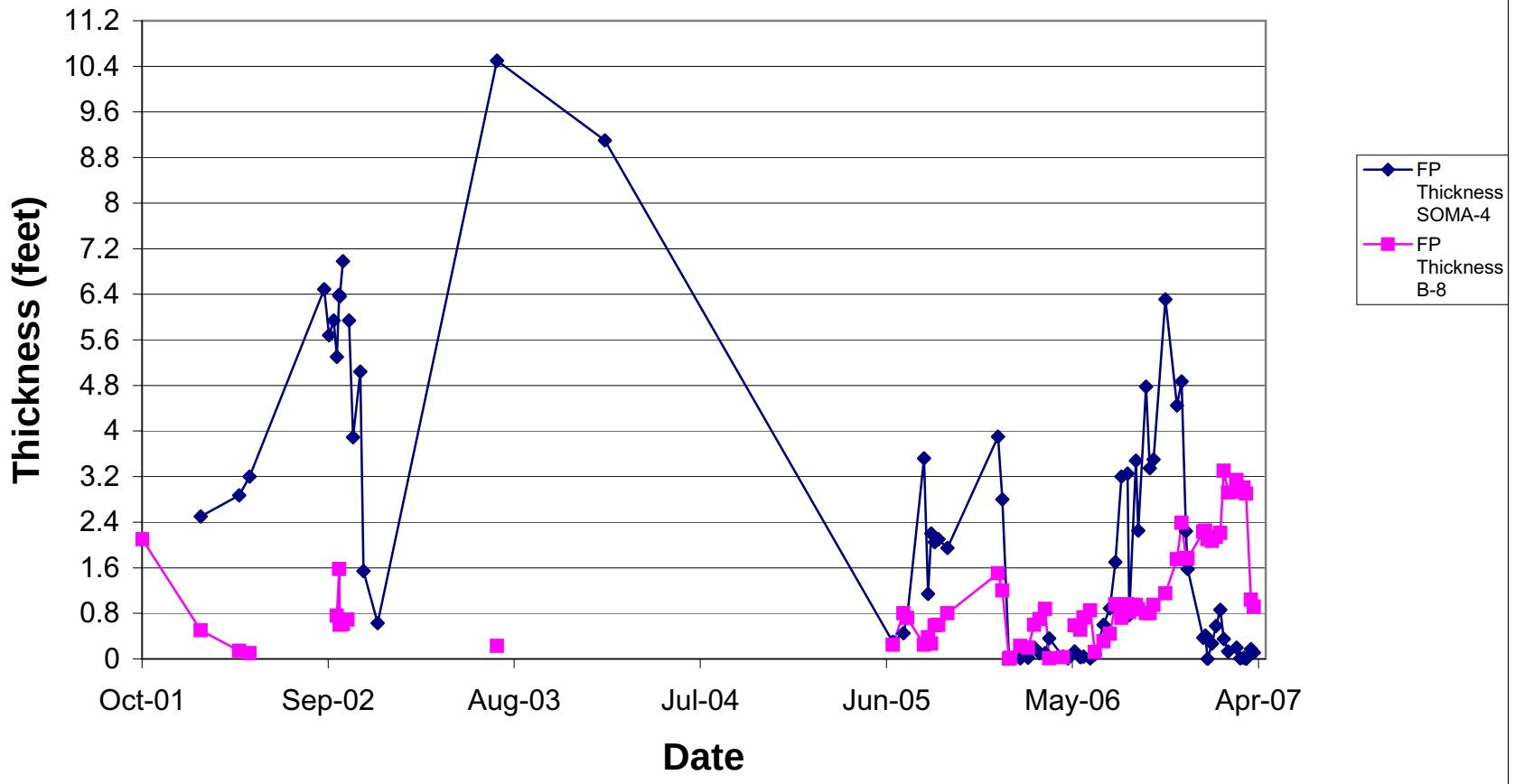


Figure 14: Contour map of methane concentrations in groundwater. February 28-March 1, 2007.

SOMA ENVIRONMENTAL ENGINEERING, INC.

Figure 15
Free Product Thickness
Former Glovatorium Site
3815 Broadway, Oakland, California



APPENDIX A

SOMA's Groundwater Monitoring Procedures

Field Activities

Field activities were conducted on February 28, 2007 and March 1, 2007. During this event, 13 monitoring wells were sampled. Depths to groundwater were measured in 25 groundwater-monitoring wells and temporary sampling points. Due to the presence of floating product in SOMA-4, this well was not sampled. Figure 2 shows the location of the groundwater monitoring wells and temporary sampling points. Appendix A includes SOMA's site-specific field activities during this groundwater monitoring event.

On February 28, 2007, SOMA's field crew measured the depths to groundwater in the monitoring wells and temporary groundwater sampling points from the top of the casings to the nearest 0.01 feet using an electrical sounder. The depth to groundwater and top of the casing elevation were used to calculate the Site's groundwater elevation at each sounding location.

Prior to sample collection, each well was purged using a batteryoperated, 2-inch-diameter pump (Model ES-60 DC) or a GeoTech pump (for the smaller ¾" diameter temporary wells). During the purging activities, the groundwater was measured for parameters such as DO, pH, temperature, EC, and the ORP using a Hanna HI-9828 multi-parameter instrument. Turbidity was measured using a Hanna HI-98703 portable turbidimeter. The equipment was calibrated at the Site using standard solutions and procedures provided by the manufacturer.

The purging continued until the parameters for pH, temperature, EC, DO, turbidity, and ORP stabilized, or three casing volumes were purged. The groundwater samples were also tested on-site for nitrate, nitrite, sulfate, total iron, ferrous iron and dissolved manganese concentrations, once stabilization occurred, using the Hach Colorimeter (Model 890). The Hach Colorimeter is a microprocessor-controlled photometer suitable for colorimetric testing in the laboratory or the field. The required reagents for each specific test were provided in AccuVac ampules.

Nitrate was measured colorimetrically using Method 8039, the Cadmium Reduction Method. Cadmium metal in the NitraVer 5 Nitrate Reagent reduces nitrates present in the sample to nitrite; the nitrite ion reacts in an acidic medium with sulfanilic acid to form an intermediate diazonium salt, which couples with getistic acid to form an amber-colored product. The intensity of the color is proportional to the nitrate concentration in the sample.

Nitrite was measured colorimetrically using Method 8507, the Diazotization Method. Nitrite in the sample reacts with sulfanilic acid in the NitriVer 3 Nitrite Reagent to form an intermediate diazonium salt. The salt couples with chromotropic acid to produce a pink colored complex. The intensity of the color is proportional to the nitrite concentration in the sample.

Sulfate was measured colorimetrically using Method 8051, the SulfaVer 4 Method. Sulfate ions in the sample react with barium in the SulfaVer 4 Sulfate Reagent to form insoluble barium sulfate. The intensity of the subsequent color development is proportional to the sulfate concentration.

Ferrous iron was measured colorimetrically using Method 8146 (1,10-phenanthroline Method). The 1,10-phenathroline indicator in the ferrous iron reagent reacts with Fe^{+2} in the sample to form an orange color. The intensity of the orange color is proportional to the iron concentration.

Total iron was measured colorimetrically using Method 8008. The FerroVer Iron Reagent reacts with all soluble and most insoluble forms of iron in the sample to produce soluble ferrous iron. This reacts with the 1,10-phenanthroline indicator in the reagent to form an orange color in proportion to the iron concentration.

Dissolved manganese was measured colorimetrically using Method 8034, the Periodate Oxidation Method. Manganese in the sample is oxidized to the purple permanganate state by sodium periodate, after buffering the sample with citrate. The purple color that develops as a result of this reaction is directly proportional to the manganese concentration.

After purging, a disposable polyethylene bailer was used to collect sufficient samples from each monitoring well for laboratory analyses. The groundwater samples from the smaller diameter ¾" temporary wells were collected using the GeoTech pump. A ¼" poly tube was placed in the temporary well, and groundwater was extracted through the tubing using the GeoTech pump.

The groundwater sample was transferred to nine 40-mL VOA vials, except for well SOMA-5, where only four 40-mL VOA vials were collected, and preserved with hydrochloric acid. The vials were then sealed to prevent the development of air bubbles within the headspace. The VOA vials containing the samples were immediately placed on ice and maintained at 4°C in a cooler. A chain of custody form was written and placed with the samples in the cooler. SOMA's field crew delivered the samples to Curtis & Tompkins, Ltd. Laboratory, in Berkeley, California, upon sampling completion.

Laboratory Analysis

Curtis & Tompkins, Ltd., a state certified laboratory, analyzed the groundwater samples for TPH-g, TPH-ss, purgeable organics, which included BTEX and MtBE constituents, methane, ethane, and ethene. TPH-g and TPH-ss were prepared using EPA Method 5030B and measured using EPA Method 8015B. Purgeable organics, which included BTEX and MtBE, were prepared using EPA Method 5030B and analyzed using EPA Method 8260B. Methane, ethane, and ethene were analyzed using RSK-175. TPH-ss was not analyzed in well SOMA-5.

APPENDIX B

Field Notes, Field Measured Physical and Chemical Parameter Values

ENVIRONMENTAL ENGINEERING, INC

Well Name:	B-10	**Project #:**	2511
Casing Diameter:	3/4 inch	**Address:**	3815 Broadway
Depth of Well:	17.90 feet		Oakland, California
Top of Casing Elevation:	81.50 feet	**Date:**	~~February 28~~ March 1, 2007
Depth to Groundwater:	7.32 feet	**Sampler:**	Tony Perini
Groundwater Elevation:	74.18 feet		Brian Tims
Water Column Height:	10.58 feet		
Purged Volume:	0.5 gallons		

Purging Method:	**Bailer** ☐	**Pump** ■	GeoTech	
Sampling Method:	**Bailer** ☒	**Pump** ☒	GeoTech	
Color:	**No** ☐	**Yes** ☑	**Describe:**	cloudy
Sheen:	**No** ☑	**Yes** ☐	**Describe:**	
Odor:	**No** ☑	**Yes** ☐	**Describe:**	

Field Measurements:

Time	Volume (gallons)	pH	Temp (°C)	D.O. (mg/L)	E.C. (µs/cm)	Turbidity (NTU)	ORP (mV)
118 PM	started purging well						
121 PM	0.5	7.12	10.79	10.53	776	18.3	-76.3
123 PM	sampled						

Time	Ferrous Iron (mg/L)	Total Iron (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Dissolved Manganese (mg/L)
123 PM	3.30	3.20	0	0.0	0	1.8

Notes:

ENVIRONMENTAL ENGINEERING, INC

Well Name:	GW-2	**Project #:**	2511
Casing Diameter:	3/4 inch	**Address:**	3815 Broadway
Depth of Well:	20.00 feet		Oakland, California
Top of Casing Elevation:	79.14 feet	**Date:**	February 28- ~~March 1~~, 2007
Depth to Groundwater:	9.19 feet	**Sampler:**	Tony Perini
Groundwater Elevation:	69.95 feet		Brian Tims
Water Column Height:	10.81 feet		
Purged Volume:	1 gallons		

Purging Method:	**Bailer** ☐	**Pump** ■ GeoTech		
Sampling Method:	**Bailer** ☐	**Pump** ☒ GeoTech		
Color:	**No** ☑	**Yes** ☐	**Describe:**	
Sheen:	**No** ☑	**Yes** ☐	**Describe:**	
Odor:	**No** ☑	**Yes** ☐	**Describe:**	

Field Measurements:

Time	Volume (gallons)	pH	Temp (°C)	D.O. (mg/L)	E.C. (µs/cm)	Turbidity (NTU)	ORP (mV)
348 PM	starts purging well						
349 PM	1.0	6.27	16.70	6.51	544	11.8	+33.5
350	samples						

Time	Ferrous Iron (mg/L)	Total Iron (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Dissolved Manganese (mg/L)
350 PM	0.12	0.37	14.4	0.024	48	1.5

Notes:

ENVIRONMENTAL ENGINEERING, INC

Well Name: GW-3
Casing Diameter: 3/4 inch
Depth of Well: 20.00 feet
Top of Casing Elevation: 77.92 feet
Depth to Groundwater: 9.53 feet
Groundwater Elevation: 68.39 feet
Water Column Height: 10.47 feet
Purged Volume: 1 gallons

Project #: 2511
Address: 3815 Broadway
Oakland, California
Date: ~~February 28~~ March 1, 2007
Sampler: Tony Perini
Brian Tims

Purging Method: Bailer ☐ Pump ■ GeoTech
Sampling Method: Bailer ☐ Pump ☑ GeoTech

Color: No ☐ Yes ☐ Describe: _____
Sheen: No ☑ Yes ☐ Describe: _____
Odor: No ☑ Yes ☐ Describe: _____

Field Measurements:

Time	Volume (gallons)	pH	Temp (°C)	D.O. (mg/L)	E.C. (µs/cm)	Turbidity (NTU)	ORP (mV)
1043 AM	started purging well						
1046 AM	1	6.59	16.15	7.27	518	5.43	+50.4
1048 AM	sampled						

Time	Ferrous Iron (mg/L)	Total Iron (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Dissolved Manganese (mg/L)
1048 AM	0	0.14	4.3	0.010	15	0.6

Notes:

ENVIRONMENTAL ENGINEERING, INC

Well Name:	GW-4	**Project #:**	2511
Casing Diameter:	3/4 inch	**Address:**	3815 Broadway
Depth of Well:	12.00 feet		Oakland, California
Top of Casing Elevation:	82.37 feet	**Date:**	February 28~~-March 1~~, 2007
Depth to Groundwater:	7.47 feet	**Sampler:**	Tony Perini
Groundwater Elevation:	74.90 feet		Brian Tims
Water Column Height:	4.53 feet		
Purged Volume:	1 gallons		

Purging Method: Bailer ☐ Pump ■ GeoTech

Sampling Method: Bailer ☑ Pump ☒ GeoTech

Color:	No ☐	Yes ☑	**Describe:**	cloudy	
Sheen:	No ☑	Yes ☐	**Describe:**		
Odor:	No ☑	Yes ☐	**Describe:**		

Field Measurements:

Time	Volume (gallons)	pH	Temp (°C)	D.O. (mg/L)	E.C. (µs/cm)	Turbidity (NTU)	ORP (mV)
3 PM	start to purging well						
302 PM	1	6.70	12.63	5.26	369	115	-119.5
303 PM	samples						

Time	Ferrous Iron (mg/L)	Total Iron (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Dissolved Manganese (mg/L)
303 PM	3.30	3.30	0	0.0	0	1.1

Notes:

ENVIRONMENTAL ENGINEERING, INC

Well Name:	MW-11	**Project #:**	2511
Casing Diameter:	2 inch	**Address:**	3815 Broadway
Depth of Well:	19.00 feet		Oakland, California
Top of Casing Elevation:	84.13 feet	**Date:**	February 28- ~~March 1~~, 2007
Depth to Groundwater:	12.83 feet	**Sampler:**	Tony Perini
Groundwater Elevation:	71.30 feet		Brian Tims
Water Column Height:	6.17 feet		
Purged Volume:	3 gallons		

Purging Method:	**Bailer** ☐	**Pump** ■		
Sampling Method:	**Bailer** ■	**Pump** ☐		
Color:	**No** ☑	**Yes** ☐	**Describe:**	
Sheen:	**No** ☑	**Yes** ☐	**Describe:**	
Odor:	**No** ☑	**Yes** ☐	**Describe:**	

Field Measurements:

Time	Volume (gallons)	pH	Temp (°C)	D.O. (mg/L)	E.C. (µs/cm)	Turbidity (NTU)	ORP (mV)
120 PM	start	purging well					
122 PM	2	6.71	16.34	6.68	1100	28.4	+12.9
123 PM	3	DRIED					
124 PM	samples						

Time	Ferrous Iron (mg/L)	Total Iron (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Dissolved Manganese (mg/L)
124 PM	0.63	0.74	0	0.0	41	0.4

Notes:

ENVIRONMENTAL ENGINEERING, INC

Well Name:	LFR-1	**Project #:**	2511
Casing Diameter:	2 inch	**Address:**	3815 Broadway
Depth of Well:	19.00 feet		Oakland, California
Top of Casing Elevation:	79.97 feet	**Date:**	~~February 28~~ March 1, 2007
Depth to Groundwater:	8.99 feet	**Sampler:**	Tony Perini
Groundwater Elevation:	70.98 feet		Brian Tims
Water Column Height:	10.01 feet		
Purged Volume:	6 gallons		

Purging Method:	**Bailer** ☐		**Pump** ■		
Sampling Method:	**Bailer** ■		**Pump** ☐		
Color:	**No** ☑		**Yes** ☐	**Describe:**	
Sheen:	**No** ☑		**Yes** ☐	**Describe:**	
Odor:	**No** ☑		**Yes** ☐	**Describe:**	

Field Measurements:

Time	Volume (gallons)	pH	Temp (°C)	D.O. (mg/L)	E.C. (µs/cm)	Turbidity (NTU)	ORP (mV)
10 AM	Started purging well						
1002 AM	2	6.63	14.58	6.37	578	9.44	+39.1
1005 AM	6	6.15	14.51	5.00	787	8.11	+62.9
1008 AM	- sampled						

Time	Ferrous Iron (mg/L)	Total Iron (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Dissolved Manganese (mg/L)
1008 AM	0.04	0.45	4.5	0.0	42	5.2

Notes:

ENVIRONMENTAL ENGINEERING, INC

Well Name:	LFR-2	**Project #:**	2511
Casing Diameter:	2 inch	**Address:**	3815 Broadway
Depth of Well:	19.00 feet		Oakland, California
Top of Casing Elevation:	81.89 feet	**Date:**	February 28-~~March 1,~~ 2007
Depth to Groundwater:	8.48 feet	**Sampler:**	Tony Perini
Groundwater Elevation:	73.41 feet		Brian Tims
Water Column Height:	10.52 feet		
Purged Volume:	6 gallons		

Purging Method:	**Bailer** ☐	**Pump** ■			
Sampling Method:	**Bailer** ■	**Pump** ☐			
Color:	**No** ☑	**Yes** ☐	**Describe:**		
Sheen:	**No** ☑	**Yes** ☐	**Describe:**		
Odor:	**No** ☑	**Yes** ☐	**Describe:**		

Field Measurements:

Time	Volume (gallons)	pH	Temp (°C)	D.O. (mg/L)	E.C. (µs/cm)	Turbidity (NTU)	ORP (mV)
154 PM	start to purging well						
156 PM	2	6.71	13.34	5.49	424	3.96	-84
2 PM	6	6.41	16.54	3.03	782	4.89	-89.9
203 PM	samples						

Time	Ferrous Iron (mg/L)	Total Iron (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Dissolved Manganese (mg/L)
203 PM	3.30	3.30	0	0.0	0	4.2

Notes:

ENVIRONMENTAL ENGINEERING, INC

Well Name: LFR-3
Casing Diameter: 2 inch
Depth of Well: 22.00 feet
Top of Casing Elevation: 77.96 feet
Depth to Groundwater: 10.06 feet
Groundwater Elevation: 67.90 feet
Water Column Height: 11.94 feet
Purged Volume: 7 gallons

Project #: 2511
Address: 3815 Broadway
Oakland, California
Date: ~~February 28~~ March 1, 2007
Sampler: Tony Perini
Brian Tims

Purging Method: Bailer ☐ Pump ■
Sampling Method: Bailer ■ Pump ☐

Color: No ☐ Yes ☑ Describe: cloudy
Sheen: No ☑ Yes ☐ Describe:
Odor: No ☑ Yes ☐ Describe:

Field Measurements:

Time	Volume (gallons)	pH	Temp (°C)	D.O. (mg/L)	E.C. (µs/cm)	Turbidity (NTU)	ORP (mV)
915 AM	started purging well						
917 AM	2	6.69	16.49	4.18	486	56.4	+28
921 AM	7	6.17	17.44	3.78	514	250	+42.7
925 AM	samples						

Time	Ferrous Iron (mg/L)	Total Iron (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Dissolved Manganese (mg/L)
925 AM	0.72	1.03	5.3	0.005	12	1.6

Notes:

ENVIRONMENTAL ENGINEERING, INC

Well Name:	EFR-4	**Project #:**	2511
Casing Diameter:	2 inch	**Address:**	3815 Broadway
Depth of Well:	19.30 feet		Oakland, California
Top of Casing Elevation:	81.65 feet	**Date:**	~~February 28~~ March 1, 2007
Depth to Groundwater:	11.66 feet	**Sampler:**	Tony Perini
Groundwater Elevation:	69.99 feet		Brian Tims
Water Column Height:	7.64 feet		
Purged Volume:	6 gallons		

Purging Method:	**Bailer** ☐		**Pump** ■		
Sampling Method:	**Bailer** ■		**Pump** ☐		
Color:	**No** ☑		**Yes** ☐	**Describe:**	
Sheen:	**No** ☑		**Yes** ☐	**Describe:**	
Odor:	**No** ☑		**Yes** ☐	**Describe:**	

Field Measurements:

Time	Volume (gallons)	pH	Temp (°C)	D.O. (mg/L)	E.C. (µs/cm)	Turbidity (NTU)	ORP (mV)
821 AM	starts purging well						
823 AM	2	6.87	10.48	4.47	788	4.70	-63.3
828 AM	6	6.46	15.75	3.97	972	80.4	-50
830 AM	Jar sampled						

Time	Ferrous Iron (mg/L)	Total Iron (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Dissolved Manganese (mg/L)
830 AM	3.30	3.30	0	0.0	0	1.7

Notes:

ENVIRONMENTAL ENGINEERING, INC

Well Name:	SOMA-1	**Project #:**	2511
Casing Diameter:	4 inch	**Address:**	3815 Broadway
Depth of Well:	40.00 feet		Oakland, California
Top of Casing Elevation:	81.64 feet	**Date:**	February 28- ~~March 1~~, 2007
Depth to Groundwater:	12.54 feet	**Sampler:**	Tony Perini
Groundwater Elevation:	69.10 feet		Brian Tims
Water Column Height:	27.46 feet		
Purged Volume:	15 gallons		

Purging Method:	**Bailer** ☐		**Pump** ■		
Sampling Method:	**Bailer** ■		**Pump** ☐		
Color:	**No** ☑		**Yes** ☐	**Describe:**	
Sheen:	**No** ☑		**Yes** ☐	**Describe:**	
Odor:	**No** ☑		**Yes** ☐	**Describe:**	

Field Measurements:

Time	Volume (gallons)	pH	Temp (°C)	D.O. (mg/L)	E.C. (µs/cm)	Turbidity (NTU)	ORP (mV)
220 PM	started purging well						
227 PM	7	6.35	16.87	3.81	1120	5.52	+23.7
234 PM	14	6.10	17.17	2.13	1140	5.41	+37.3
236 PM	15	DRIED					

Time	Ferrous Iron (mg/L)	Total Iron (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Dissolved Manganese (mg/L)
236 PM	0	0	0	0.0	12	10.1

Notes:

ENVIRONMENTAL ENGINEERING, INC

Well Name: SOMA-2
Casing Diameter: 2 inch
Depth of Well: 20.00 feet
Top of Casing Elevation: 81.39 feet
Depth to Groundwater: 7.66 feet
Groundwater Elevation: 73.73 feet
Water Column Height: 12.34 feet
Purged Volume: 3 gallons

Project #: 2511
Address: 3815 Broadway
Oakland, California
Date: ~~February 28~~ March 1, 2007
Sampler: Tony Perini
Brian Tims

Purging Method: Bailer ☐ Pump ■
Sampling Method: Bailer ■ Pump ☐

Color: No ☑ Yes ☐ **Describe:** _____
Sheen: No ☑ Yes ☐ **Describe:** _____
Odor: No ☑ Yes ☐ **Describe:** _____

Field Measurements:

Time	Volume (gallons)	pH	Temp (°C)	D.O. (mg/L)	E.C. (µs/cm)	Turbidity (NTU)	ORP (mV)
244 PM	start purging well						
247 PM	2	7.24	10.16	6.42	1288	79.4	-137
249 PM	3	DRIED					
251 PM	samples						

Time	Ferrous Iron (mg/L)	Total Iron (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Dissolved Manganese (mg/L)
251 PM	3.30	3.30	0	0	0	8.7

Notes:

ENVIRONMENTAL ENGINEERING, INC

Well Name: SOMW-3
Casing Diameter: 3/4 inch
Depth of Well: 30.00 feet
Top of Casing Elevation: 81.42 feet
Depth to Groundwater: 10.46 feet
Groundwater Elevation: 70.96 feet
Water Column Height: 19.54 feet
Purged Volume: 1.2 gallons

Project #: 2511
Address: 3815 Broadway
Oakland, California
Date: ~~February 28~~ March 1, 2007
Sampler: Tony Perini
Brian Tims

Purging Method: Bailer ☐ Pump ■ GeoTech
Sampling Method: Bailer ☐ Pump ☐ GeoTech

Color: No ☑ Yes ☐ Describe: _____
Sheen: No ☑ Yes ☐ Describe: _____
Odor: No ☑ Yes ☐ Describe: _____

Field Measurements:

Time	Volume (gallons)	pH	Temp (°C)	D.O. (mg/L)	E.C. (µs/cm)	Turbidity (NTU)	ORP (mV)
1245	0	Started		Purging			
1248	1	6.78	14.34	5.03	528	8.73	-57.9
1250	1.2		Sampled				

Time	Ferrous Iron (mg/L)	Total Iron (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Dissolved Manganese (mg/L)
1250 PM	0.80	0.69	0	0.0	0	0.5

Notes:

ENVIRONMENTAL ENGINEERING, INC

Well Name:	SOMA-5	**Project #:**	2511
Casing Diameter:	3/4 inch	**Address:**	3815 Broadway
Depth of Well:	25.60 feet		Oakland, California
Top of Casing Elevation:	81.50 feet	**Date:**	~~February 28~~ March 1, 2007
Depth to Groundwater:	19.93 feet	**Sampler:**	Tony Perini
Groundwater Elevation:	61.57 feet		Brian Tims
Water Column Height:	5.67 feet		
Purged Volume:	0.75 gallons		

Purging Method:	**Bailer** ☐	**Pump** ■ GeoTech		
Sampling Method:	**Bailer** ☐	**Pump** ☒ GeoTech		
Color:	**No** ☐	**Yes** ☑	**Describe:**	cloudy
Sheen:	**No** ☑	**Yes** ☐	**Describe:**	
Odor:	**No** ☐	**Yes** ☑	**Describe:**	musty

Field Measurements:

Time	Volume (gallons)	pH	Temp (°C)	D.O. (mg/L)	E.C. (µs/cm)	Turbidity (NTU)	ORP (mV)
2:05 PM	started purging well						
2:08 PM	0.75	Due to low volume of water, no measurements taken					
2:10 PM	sampled						

Time	Ferrous Iron (mg/L)	Total Iron (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)	Dissolved Manganese (mg/L)
	no measurements taken					

Notes:

only 4 VOAs collected

APPENDIX C

Chain of Custody Forms and Laboratory Reports

Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

A N A L Y T I C A L R E P O R T

Prepared for:

SOMA Environmental Engineering Inc.
6620 Owens Dr.
Suite A
Pleasanton, CA 94588

Date: 16-MAR-07
Lab Job Number: 193094
Project ID: 2511
Location: 3815 Broadway, Oakland

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures. The results contained in this report meet all requirements of NELAC and pertain only to those samples which were submitted for analysis.

Reviewed by: _____
Project Manager

Reviewed by: _____
Operations Manager

Curtis & Tompkins, Ltd.

CASE NARRATIVE

Laboratory number:	**193094**
Client:	**SOMA Environmental Engineering Inc.**
Project:	**2511**
Location:	**3815 Broadway, Oakland**
Request Date:	**03/02/07**
Samples Received:	**03/02/07**

This hardcopy data package contains sample and QC results for thirteen water samples, requested for the above referenced project on 03/02/07. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
Responses exceeding the instrument's linear range were observed for bromofluorobenzene (FID) in LFR-2 (lab # 193094-006) and SOMA-2 (lab # 193094-010); affected data was qualified with "b". High surrogate recoveries were observed for bromofluorobenzene (FID) in a number of samples; the corresponding trifluorotoluene (FID) surrogate recoveries were within limits. No other analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
SOMA-5 (lab # 193094-012) was analyzed with more than 1 mL of headspace in the VOA vial. No other analytical problems were encountered.

Dissolved Gases by GC/FID (RSK-175):
No analytical problems were encountered.

CHAIN OF CUSTODY

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510)486-0900 Phone
(510)486-0532 Fax

C&T LOGIN # 193094

Sampler: Tony Perini / Brian Tran

Project No: 2511

Report To: Tony Perini

Project Name: 3815 Broadway, Oakland, CA

Company : SOMA Environmental

Turnaround Time: Standard

Telephone: 925-734-6400

Fax: 925-734-6401

Lab No.	Sample ID.	Sampling Date Time	Matrix: Soil	Matrix: Water	Matrix: Waste	# of Containers	Preservative: HCL	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: ICE	Analyses: TPHg (including Stoddard Solvent) 8260B	Analyses:	Analyses: 8260 (Full List)	Analyses: Methane *
-1	GW-2	2/28/07 350 PM		*		9-40ml VOAs	*			*	*		*	*
-2	GW-3	3/1/07 1048 AM		*		9-40ml VOAs	*			*	*		*	*
-3	GW-4	2/28/07 303 PM		*		9-40ml VOAs	*			*	*		*	*
-4	MW-11	2/28/07 124 PM		*		9-40ml VOAs	*			*	*		*	*
-5	LFR-1	3/1/07 1008 AM		*		9-40ml VOAs	*			*	*		*	*
-6	LFR-2	2/28/07 203 PM		*		9-40ml VOAs	*			*	*		*	*
-7	LFR-3	3/1/07 925 AM		*		9-40ml VOAs	*			*	*		*	*
-8	LFR-4	3/1/07 830 AM		*		9-40ml VOAs	*			*	*		*	*
-9	SOMA-1	2/28/07 236 PM		*		9-40ml VOAs	*			*	*		*	*
-10	SOMA-2	3/1/07 257 PM		*		9-40ml VOAs	*			*	*		*	*
-11	SOMA-3	3/1/07 1250 PM		*		9-40ml VOAs	*			*	*		*	*
-12	SOMA-5	3/1/07 210 PM		*		9-40ml VOAs	*			*	*		*	*
-13	B-10	3/1/07 123 PM		*		9-40ml VOAs	*			*	*		*	*

Notes:

EDF Output required
8260B List to include gasoline oxygenates & lead scavengers, BTEX, MtBE
* Ethene & Ethane, ethanol

RELINQUISHED BY:		RECEIVED BY:	
Tony Perini	3/2/07 DATE/TIME	[signature]	3/2/07 DATE/TIME
[signature]	3/2/07 1246 DATE/TIME	[signature]	3/2/07 1240 pm DATE/TIME
	DATE/TIME		DATE/TIME

REC'D ON ICE

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8015B
Matrix:	Water	Received:	03/02/07
Units:	ug/L		

Field ID:	GW-2	Batch#:	122658
Type:	SAMPLE	Sampled:	02/28/07
Lab ID:	193094-001	Analyzed:	03/02/07
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	50
Stoddard Solvent C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	92	72-136
Bromofluorobenzene (FID)	108	78-131

Field ID:	GW-3	Batch#:	122658
Type:	SAMPLE	Sampled:	03/01/07
Lab ID:	193094-002	Analyzed:	03/02/07
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	140 Y Z	50
Stoddard Solvent C7-C12	88 Y Z	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	93	72-136
Bromofluorobenzene (FID)	102	78-131

Field ID:	GW-4	Batch#:	122658
Type:	SAMPLE	Sampled:	02/28/07
Lab ID:	193094-003	Analyzed:	03/02/07
Diln Fac:	1.000		

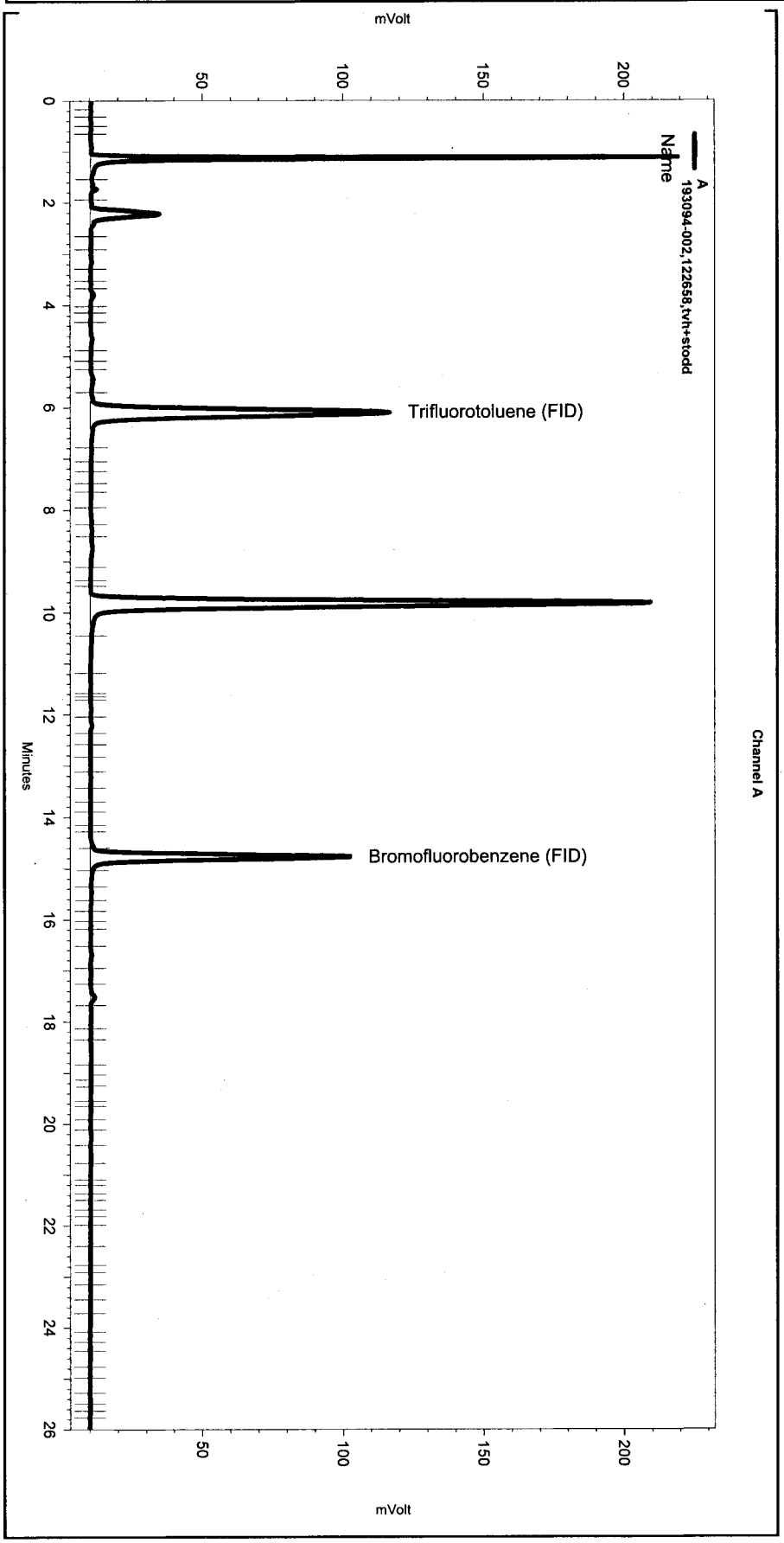
Analyte	Result	RL
Gasoline C7-C12	900 H Y	50
Stoddard Solvent C7-C12	560	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	96	72-136
Bromofluorobenzene (FID)	168 *	78-131

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
b= See narrative
ND= Not Detected
RL= Reporting Limit
>LR= Response exceeds instrument's linear range

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC04\Sequence\061.seq**
Sample Name: **193094-002,122658,tvh+stodd**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC04\Data\061_009**
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe043.met

Software Version 3.1.7
Run Date: 3/2/2007 8:41:53 PM
Analysis Date: 3/5/2007 8:42:53 AM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: A1.3



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0
Yes	Threshold	0	0	10

Manual Integration Fixes

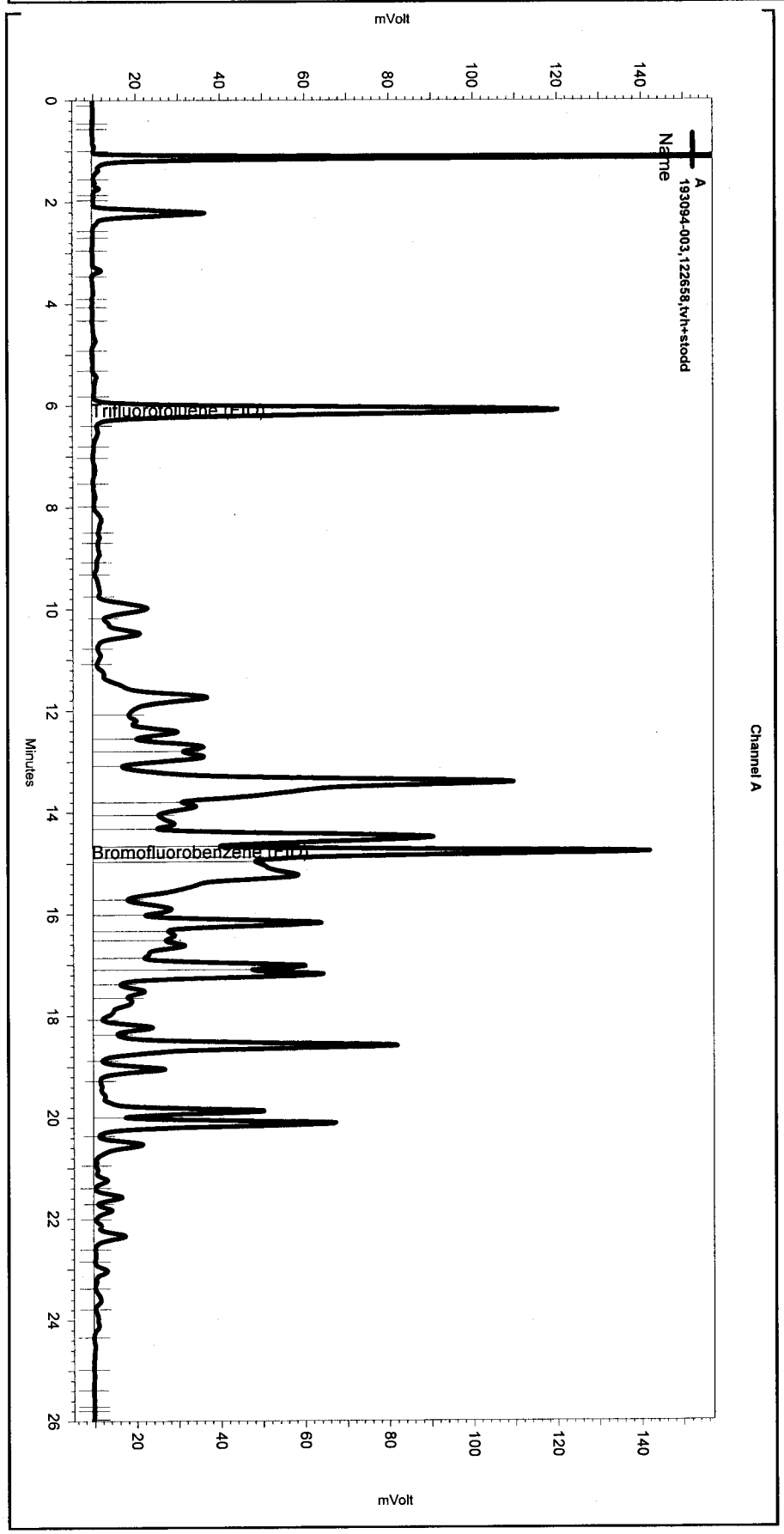
Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\061_009

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	14.602	0	0
Yes	Split Peak	15.031	0	0

GW-3

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC04\Sequence\061.seq**
Sample Name: **193094-003,122658,tvh+stodd**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC04\Data\061_010**
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe043.met

Software Version 3.1.7
Run Date: 3/2/2007 9:19:33 PM
Analysis Date: 3/5/2007 8:42:57 AM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: A1.3



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0
Yes	Threshold	0	0	10

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\061_010

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	14.881	0	0

GW-4

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8015B
Matrix:	Water	Received:	03/02/07
Units:	ug/L		

Field ID:	MW-11	Batch#:	122658
Type:	SAMPLE	Sampled:	02/28/07
Lab ID:	193094-004	Analyzed:	03/02/07
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	50
Stoddard Solvent C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	94	72-136
Bromofluorobenzene (FID)	110	78-131

Field ID:	LFR-1	Batch#:	122658
Type:	SAMPLE	Sampled:	03/01/07
Lab ID:	193094-005	Analyzed:	03/02/07
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	53 Y Z	50
Stoddard Solvent C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	97	72-136
Bromofluorobenzene (FID)	115	78-131

Field ID:	LFR-2	Batch#:	122658
Type:	SAMPLE	Sampled:	02/28/07
Lab ID:	193094-006	Analyzed:	03/02/07
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	1,900 H Y	50
Stoddard Solvent C7-C12	1,200	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	105	72-136
Bromofluorobenzene (FID)	246 * >LR b	78-131

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
b= See narrative
ND= Not Detected
RL= Reporting Limit
>LR= Response exceeds instrument's linear range

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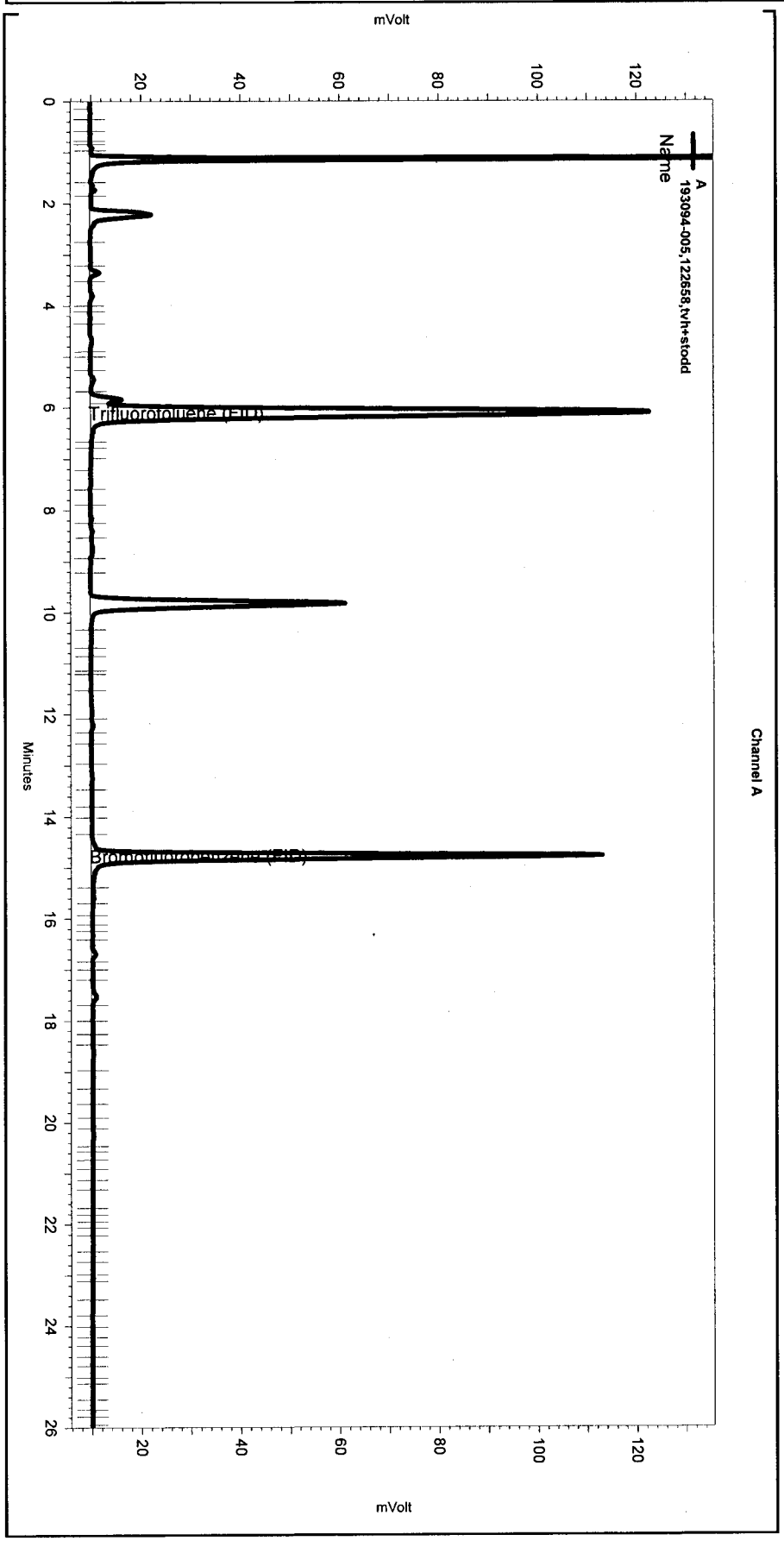
Sample Name: **193094-005,122658,tvh+stodd**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC04\Data\061_012**
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe043.met

Software Version 3.1.7
Run Date: 3/2/2007 10:34:50 PM
Analysis Date: 3/5/2007 8:43:04 AM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: A1.3



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No items selected for this section

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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0
Yes	Threshold	0	0	10

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\061_012

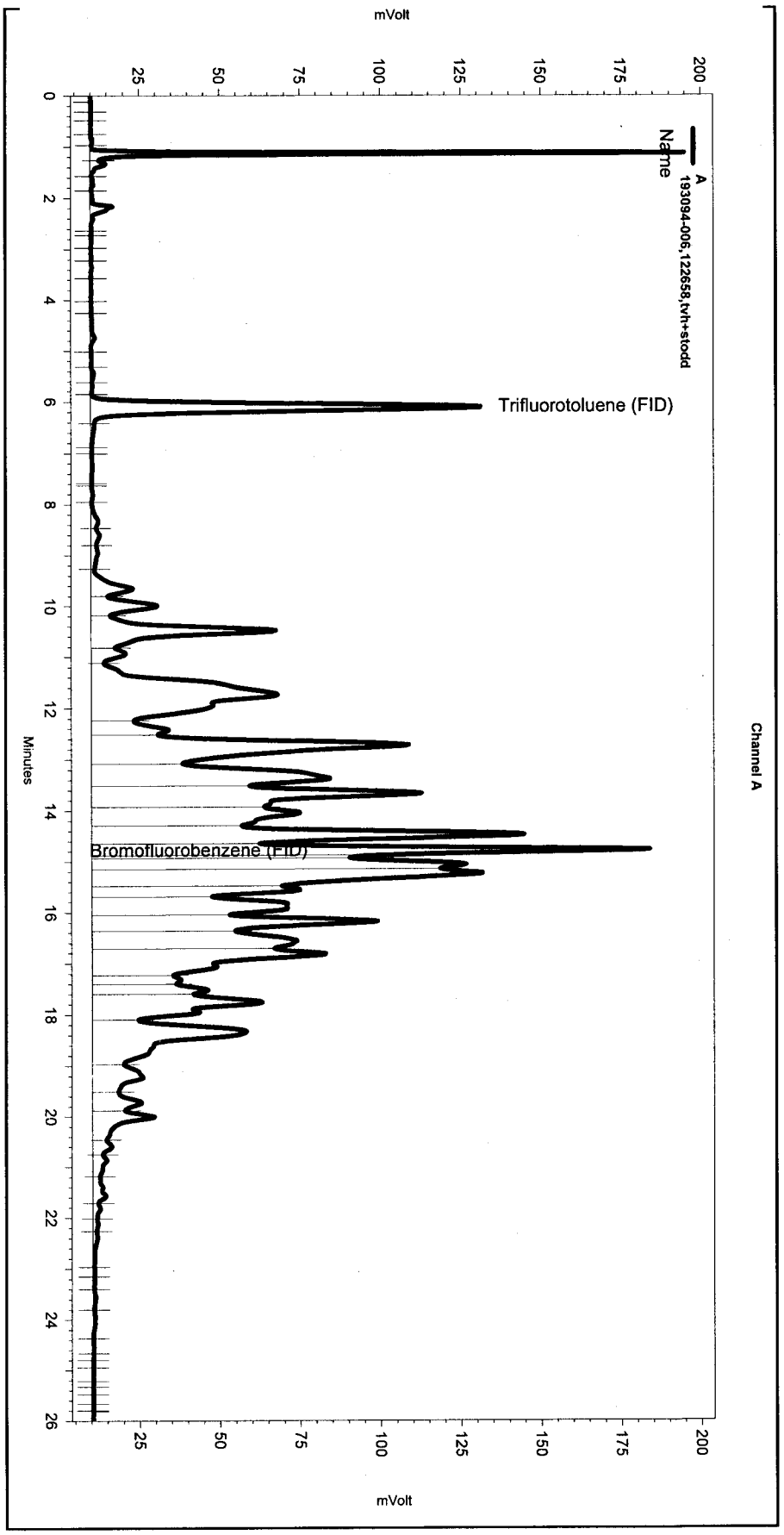
Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value

None

LFR-1

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC04\Sequence\061.seq**
Sample Name: **193094-006,122658,tvh+stodd**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC04\Data\061_013**
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe043.met

Software Version 3.1.7
Run Date: 3/2/2007 11:12:25 PM
Analysis Date: 3/5/2007 8:43:08 AM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: A1.3



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No items selected for this section

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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0
Yes	Threshold	0	0	10

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\061_013

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	6.412	0	0
Yes	Split Peak	14.88	0	0

LPK-2

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8015B
Matrix:	Water	Received:	03/02/07
Units:	ug/L		

Field ID:	LFR-3	Batch#:	122658
Type:	SAMPLE	Sampled:	03/01/07
Lab ID:	193094-007	Analyzed:	03/03/07
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	50
Stoddard Solvent C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	94	72-136
Bromofluorobenzene (FID)	109	78-131

Field ID:	LFR-4	Batch#:	122658
Type:	SAMPLE	Sampled:	03/01/07
Lab ID:	193094-008	Analyzed:	03/03/07
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	590 H	50
Stoddard Solvent C7-C12	370 Y	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	122	72-136
Bromofluorobenzene (FID)	134 *	78-131

Field ID:	SOMA-1	Batch#:	122658
Type:	SAMPLE	Sampled:	02/28/07
Lab ID:	193094-009	Analyzed:	03/03/07
Diln Fac:	1.000		

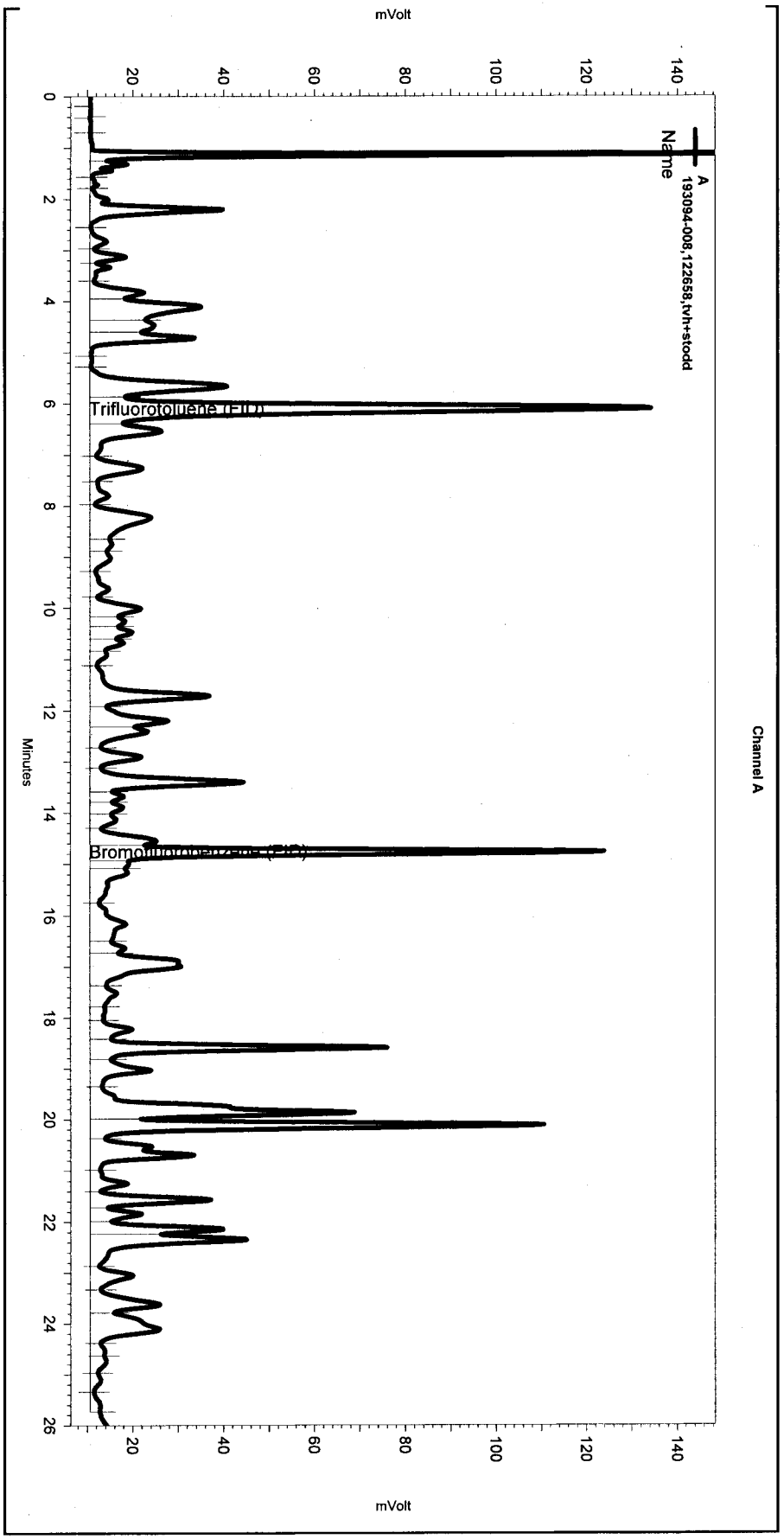
Analyte	Result	RL
Gasoline C7-C12	81 Y Z	50
Stoddard Solvent C7-C12	50 Y Z	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	113	72-136
Bromofluorobenzene (FID)	126	78-131

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
b= See narrative
ND= Not Detected
RL= Reporting Limit
>LR= Response exceeds instrument's linear range

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC04\Sequence\061.seq**
Sample Name: **193094-008,122658,tvh+stodd**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC04\Data\061_019**
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe043.met

Software Version 3.1.7
Run Date: 3/3/2007 2:58:20 AM
Analysis Date: 3/5/2007 8:43:34 AM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: A1.3



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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0
Yes	Threshold	0	0	10

Manual Integration Fixes

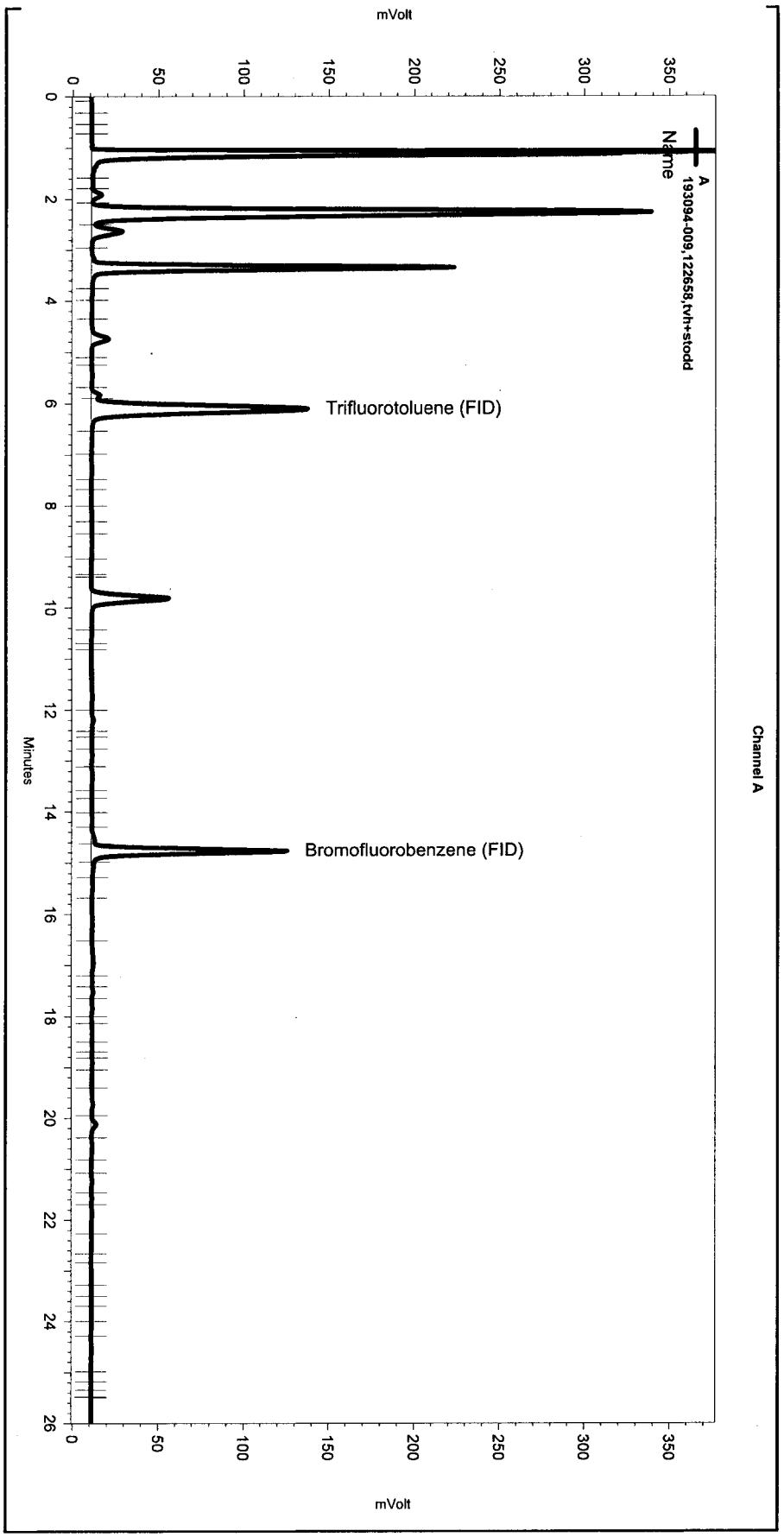
Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\061_019

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Horizontal Baseline	0.396	26.017	0
Yes	Split Peak	14.928	0	0

LFR-4

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC04\Sequence\061.seq**
Sample Name: **193094-009,122658,tvh+stodd**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC04\Data\061_020**
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe043.met

Software Version 3.1.7
Run Date: 3/3/2007 3:35:58 AM
Analysis Date: 3/5/2007 8:43:39 AM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: A1.3



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0
Yes	Threshold	0	0	10

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\061_020

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	5.896	0	0
Yes	Split Peak	6.526	0	0
Yes	Split Peak	14.624	0	0
Yes	Split Peak	14.987	0	0

SDMA - 1

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8015B
Matrix:	Water	Received:	03/02/07
Units:	ug/L		

Field ID:	SOMA-2	Batch#:	122721
Type:	SAMPLE	Sampled:	03/01/07
Lab ID:	193094-010	Analyzed:	03/05/07
Diln Fac:	10.00		

Analyte	Result	RL
Gasoline C7-C12	29,000 H Y	500
Stoddard Solvent C7-C12	18,000	500

Surrogate	%REC	Limits
Trifluorotoluene (FID)	101	72-136
Bromofluorobenzene (FID)	221 * >LR b	78-131

Field ID:	SOMA-3	Batch#:	122721
Type:	SAMPLE	Sampled:	03/01/07
Lab ID:	193094-011	Analyzed:	03/05/07
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	310 H Y	50
Stoddard Solvent C7-C12	190	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	107	72-136
Bromofluorobenzene (FID)	133 *	78-131

Field ID:	B-10	Batch#:	122658
Type:	SAMPLE	Sampled:	03/01/07
Lab ID:	193094-013	Analyzed:	03/03/07
Diln Fac:	1.000		

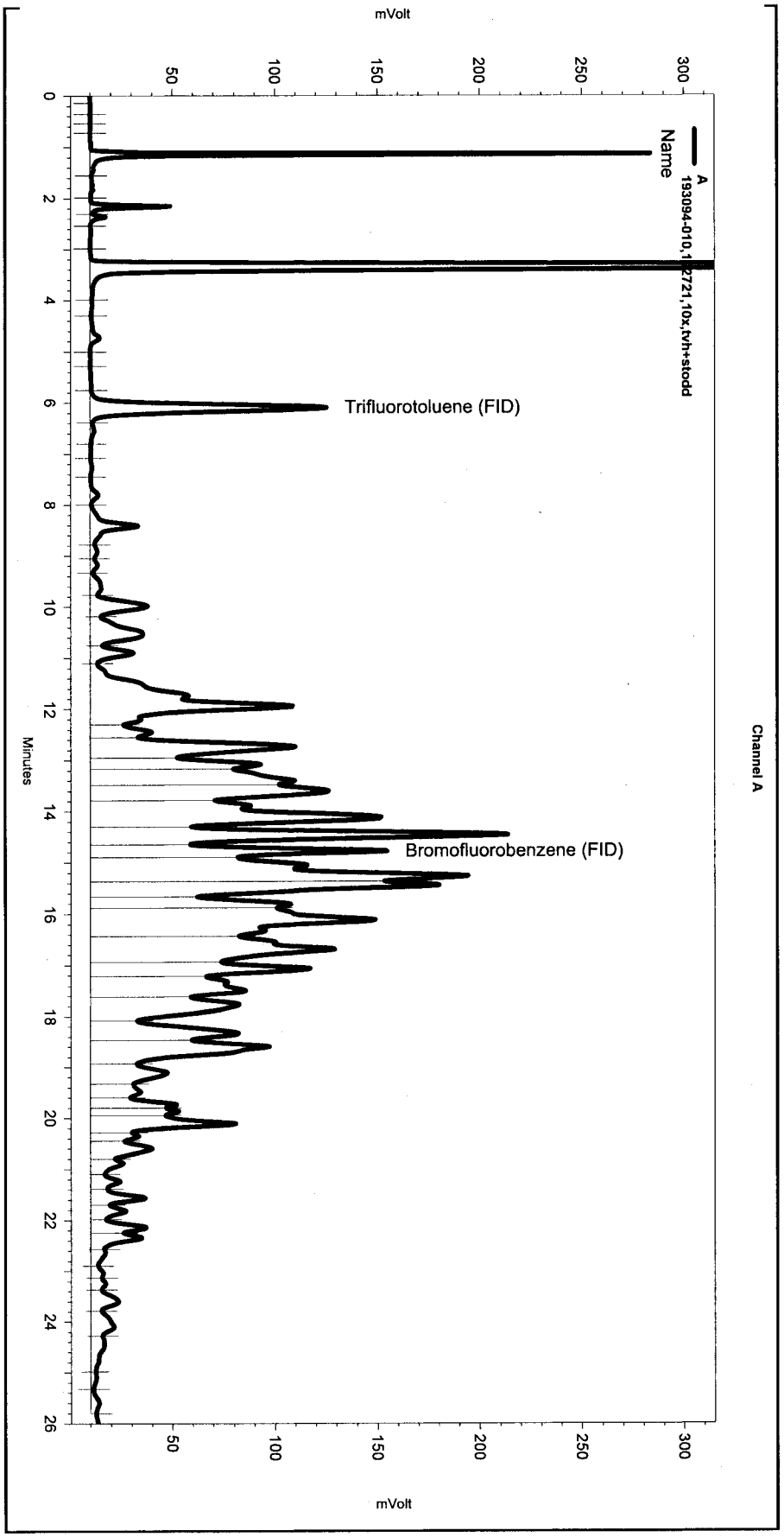
Analyte	Result	RL
Gasoline C7-C12	810 H Y	50
Stoddard Solvent C7-C12	500 L	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	97	72-136
Bromofluorobenzene (FID)	120	78-131

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
b= See narrative
ND= Not Detected
RL= Reporting Limit
>LR= Response exceeds instrument's linear range

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC04\Sequence\064.seq**
Sample Name: **193094-010,122721,10x,tvh+stodd**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC04\Data\064_010**
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe043.met

Software Version 3.1.7
Run Date: 3/5/2007 8:18:32 PM
Analysis Date: 3/6/2007 8:45:29 AM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: D1.3



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0
Yes	Threshold	0	0	10

Manual Integration Fixes

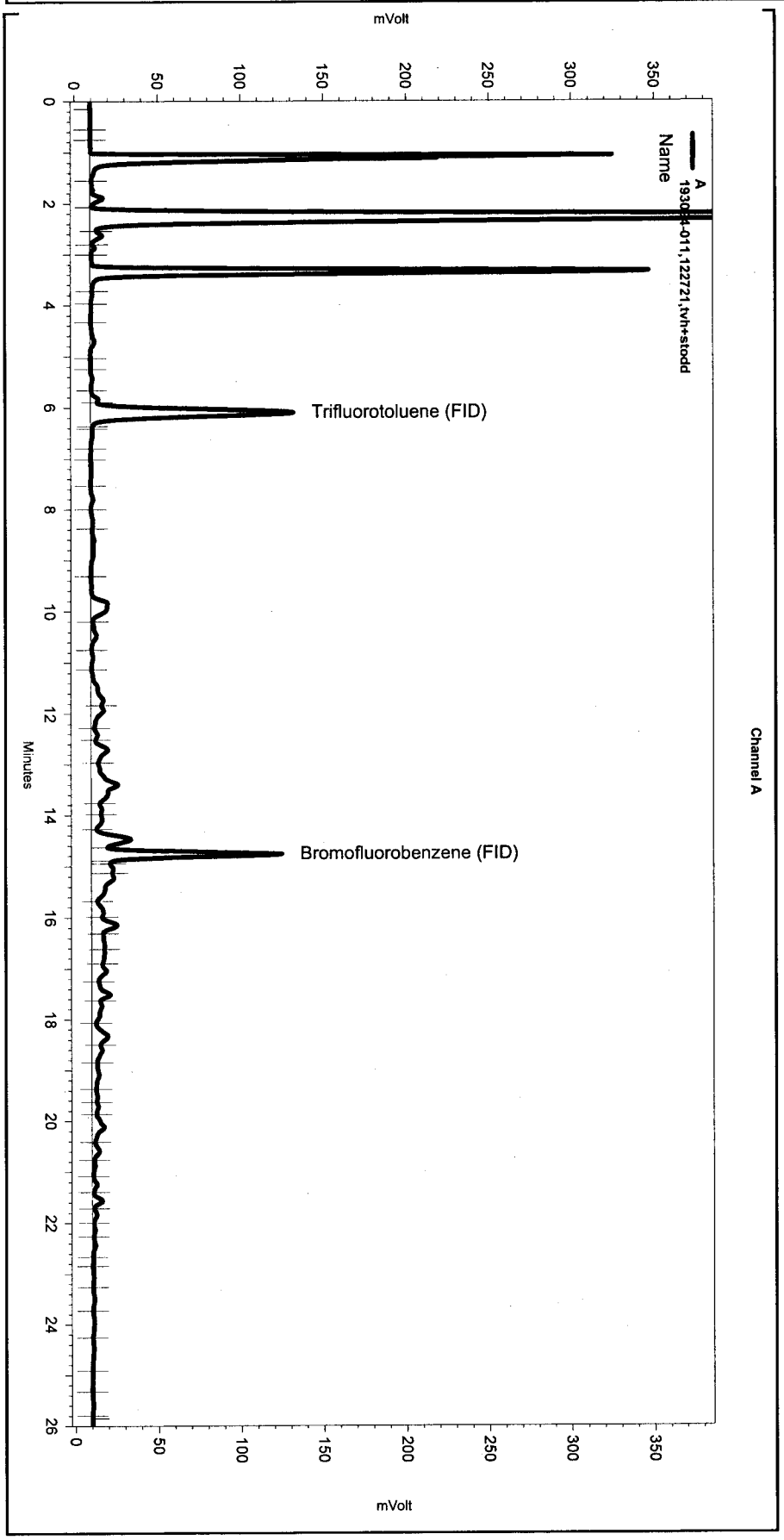
Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\064_010

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Horizontal Baseline	4.993	26.017	0
Yes	Split Peak	5.757	0	0

SOMA -2

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC04\Sequence\064.seq**
Sample Name: **193094-011,122721,tvh+stodd**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC04\Data\064_011**
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe043.met

Software Version 3.1.7
Run Date: 3/5/2007 8:56:08 PM
Analysis Date: 3/6/2007 8:45:32 AM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: D1.3



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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0
Yes	Threshold	0	0	10

Manual Integration Fixes

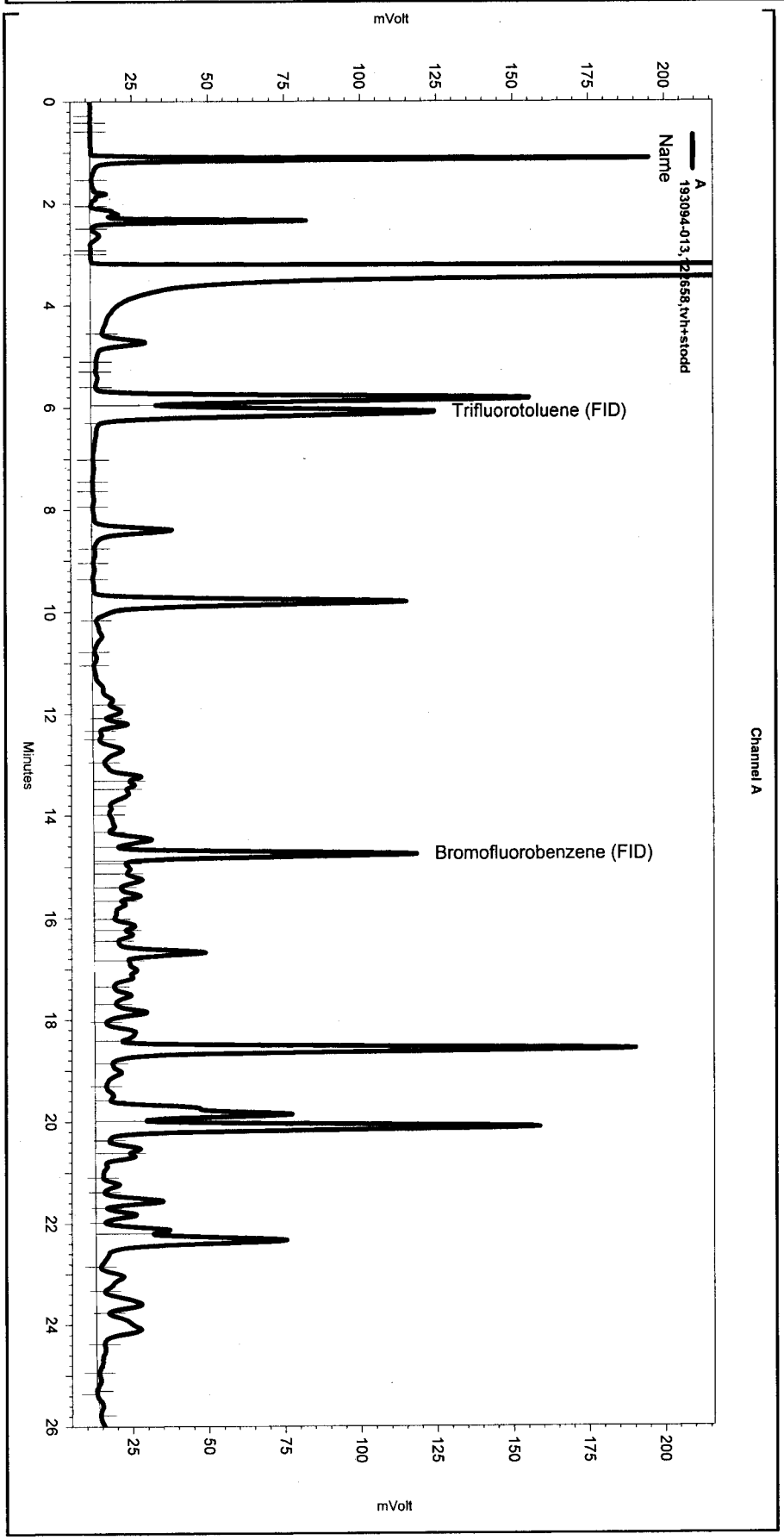
Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\064_011

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	5.894	0	0
Yes	Split Peak	6.369	0	0
Yes	Split Peak	14.901	0	0

Soma -3

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC04\Sequence\061.seq**
Sample Name: **193094-013,122658,tvh+stodd**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC04\Data\061_023**
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe043.met

Software Version 3.1.7
Run Date: 3/3/2007 5:28:44 AM
Analysis Date: 3/5/2007 8:43:54 AM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: A1.3



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Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0
Yes	Threshold	0	0	10

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\061_023

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	6.299	0	0
Yes	Split Peak	14.882	0	0

B-10

Curtis & Tompkins, Ltd.

Total Volatile Hydrocarbons

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8015B
Matrix:	Water	Received:	03/02/07
Units:	ug/L		

Type:	BLANK	Batch#:	122658
Lab ID:	QC377329	Analyzed:	03/02/07
Diln Fac:	1.000		

Analyte	Result	RL
Gasoline C7-C12	ND	50
Stoddard Solvent C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	94	72-136
Bromofluorobenzene (FID)	106	78-131

Type:	BLANK	Batch#:	122721
Lab ID:	QC377607	Analyzed:	03/05/07
Diln Fac:	1.000		

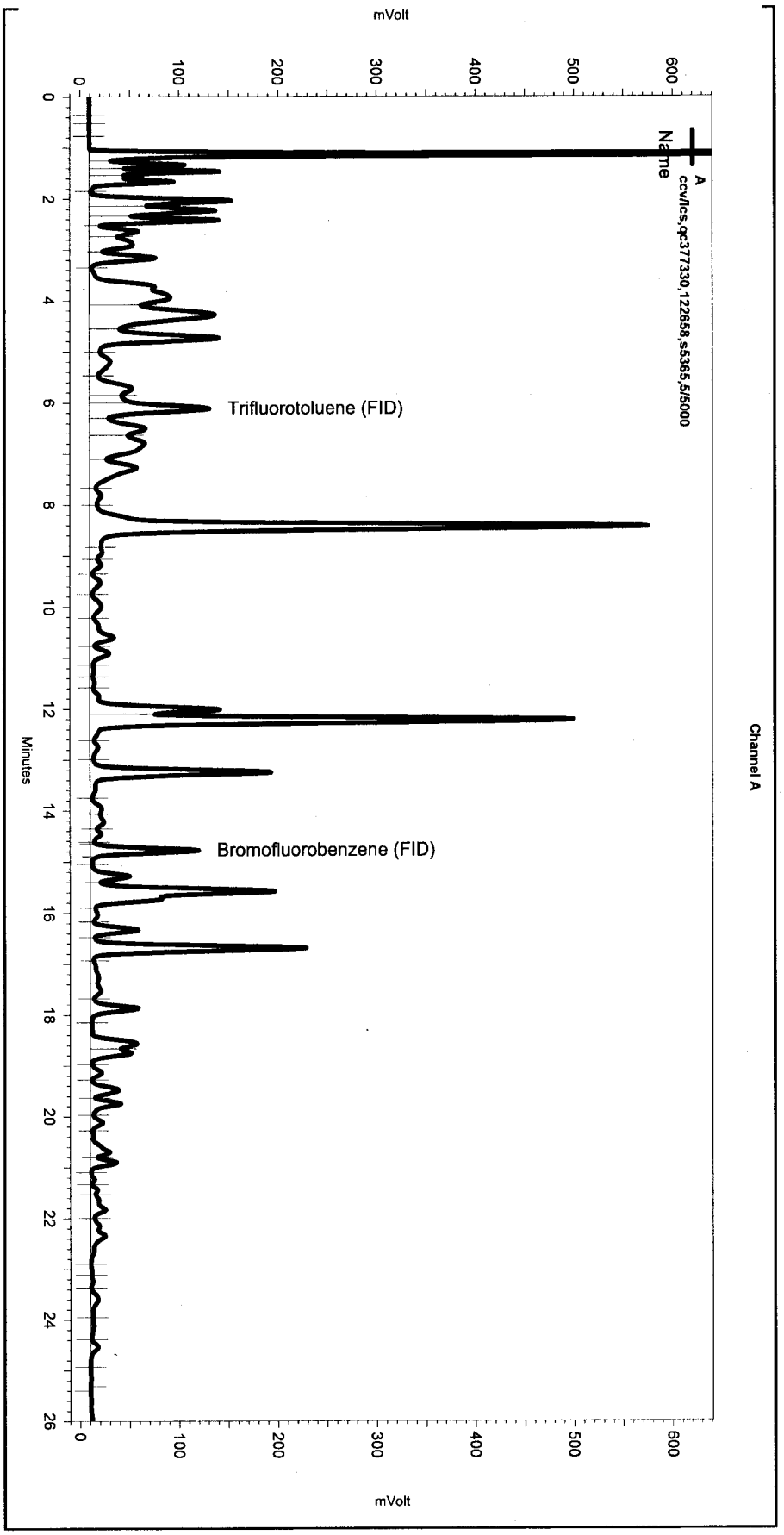
Analyte	Result	RL
Gasoline C7-C12	ND	50
Stoddard Solvent C7-C12	ND	50

Surrogate	%REC	Limits
Trifluorotoluene (FID)	102	72-136
Bromofluorobenzene (FID)	112	78-131

*= Value outside of QC limits; see narrative
H= Heavier hydrocarbons contributed to the quantitation
L= Lighter hydrocarbons contributed to the quantitation
Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
b= See narrative
ND= Not Detected
RL= Reporting Limit
>LR= Response exceeds instrument's linear range

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC04\Sequence\061.seq**
Sample Name: **ccv/lcs,qc377330,122658,s5365,5/5000**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC04\Data\061_002**
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe043.met

Software Version 3.1.7
Run Date: 3/2/2007 1:38:20 PM
Analysis Date: 3/5/2007 8:42:28 AM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: {Data Description}



---< General Method Parameters >---

No items selected for this section

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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0
Yes	Threshold	0	0	10

Manual Integration Fixes

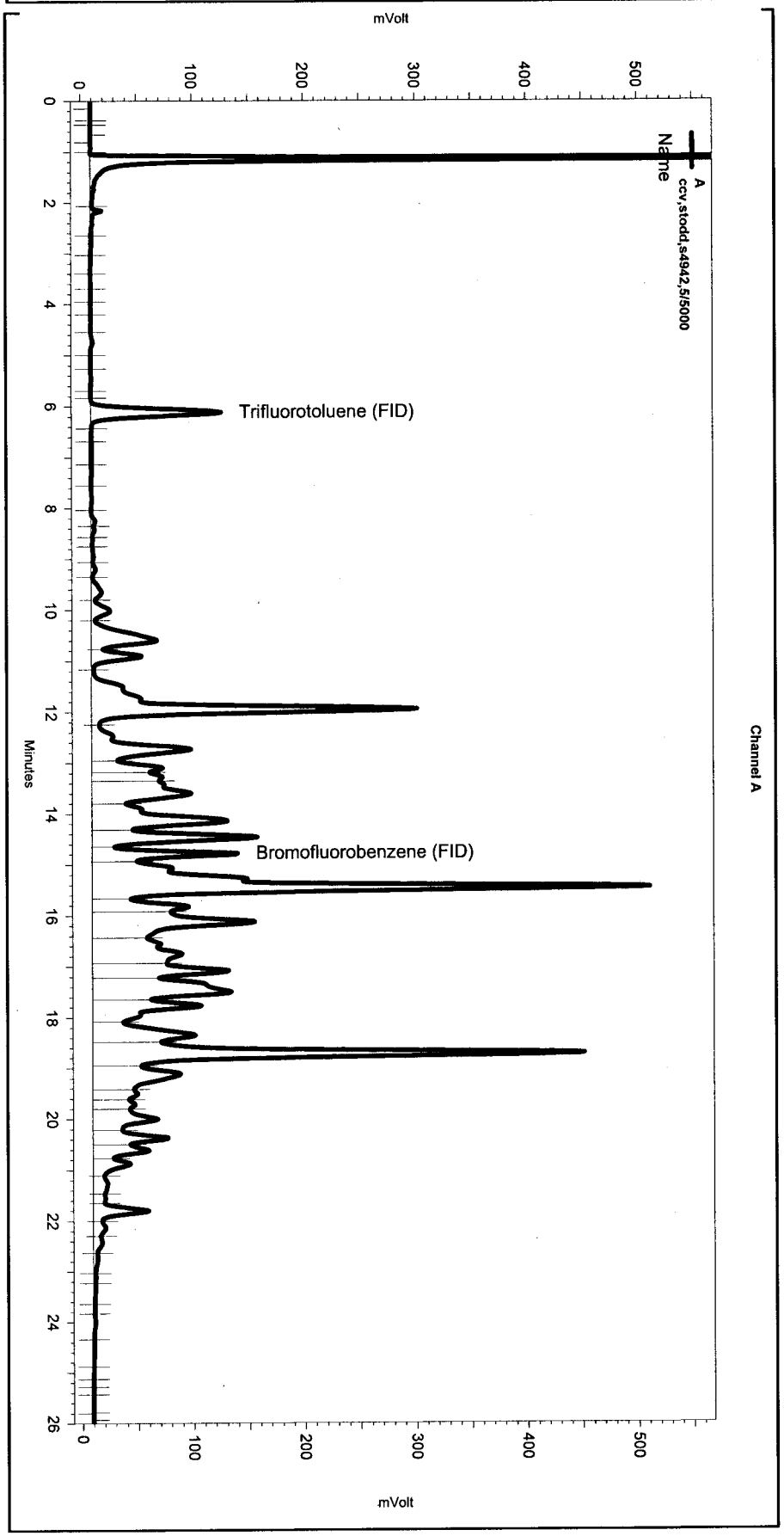
Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\061_002

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	5.999	0	0
Yes	Split Peak	14.653	0	0
Yes	Split Peak	14.904	0	0

Gasoline Standard

Sequence File: **\\Lims\gdrive\ezchrom\Projects\GC04\Sequence\061.seq**
Sample Name: **ccv,stodd,s4942,5/5000**
Data File: **\\Lims\gdrive\ezchrom\Projects\GC04\Data\061_004**
Instrument: GC04 (Offline) Vial: N/A Operator: Tvh 2. Analyst (lims2k3\tvh2)
Method Name: \\Lims\gdrive\ezchrom\Projects\GC04\Method\tvhbtxe043.met

Software Version 3.1.7
Run Date: 3/2/2007 5:07:19 PM
Analysis Date: 3/5/2007 8:42:35 AM
Sample Amount: 5 Multiplier: 5
Vial & pH or Core ID: {Data Description}



---< General Method Parameters >---

No items selected for this section

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No items selected for this section

Integration Events

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Width	0	0	0
Yes	Threshold	0	0	10

Manual Integration Fixes

Data File: \\Lims\gdrive\ezchrom\Projects\GC04\Data\061_004

Enabled	Event Type	Start (Minutes)	Stop (Minutes)	Value
Yes	Split Peak	6.441	0	0

Standard Solvent Standard

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC377330	Batch#:	122658
Matrix:	Water	Analyzed:	03/02/07
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	2,073	104	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	110	72-136
Bromofluorobenzene (FID)	118	78-131

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC377608	Batch#:	122721
Matrix:	Water	Analyzed:	03/05/07
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	2,000	2,200	110	80-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	117	72-136
Bromofluorobenzene (FID)	120	78-131

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8015B
Field ID:	GW-2	Batch#:	122658
MSS Lab ID:	193094-001	Sampled:	02/28/07
Matrix:	Water	Received:	03/02/07
Units:	ug/L	Analyzed:	03/02/07
Diln Fac:	1.000		

Type: MS Lab ID: QC377331

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	42.64	2,000	2,068	101	79-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	112	72-136
Bromofluorobenzene (FID)	118	78-131

Type: MSD Lab ID: QC377332

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	2,015	99	79-120	3	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	108	72-136
Bromofluorobenzene (FID)	115	78-131

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8015B
Field ID:	ZZZZZZZZZZ	Batch#:	122721
MSS Lab ID:	193119-001	Sampled:	03/01/07
Matrix:	Water	Received:	03/02/07
Units:	ug/L	Analyzed:	03/05/07
Diln Fac:	1.000		

Type: MS Lab ID: QC377609

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	19.10	2,000	2,051	102	79-120

Surrogate	%REC	Limits
Trifluorotoluene (FID)	110	72-136
Bromofluorobenzene (FID)	120	78-131

Type: MSD Lab ID: QC377610

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	2,000	1,996	99	79-120	3	20

Surrogate	%REC	Limits
Trifluorotoluene (FID)	113	72-136
Bromofluorobenzene (FID)	119	78-131

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Field ID:	GW-2	Batch#:	122689
Lab ID:	193094-001	Sampled:	02/28/07
Matrix:	Water	Received:	03/02/07
Units:	ug/L	Analyzed:	03/05/07
Diln Fac:	1.000		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Bromomethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	0.6	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	9.6	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	82	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Field ID:	GW-2	Batch#:	122689
Lab ID:	193094-001	Sampled:	02/28/07
Matrix:	Water	Received:	03/02/07
Units:	ug/L	Analyzed:	03/05/07
Diln Fac:	1.000		

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	96	80-123
1,2-Dichloroethane-d4	94	79-134
Toluene-d8	101	80-120
Bromofluorobenzene	90	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Field ID:	GW-3	Units:	ug/L
Lab ID:	193094-002	Sampled:	03/01/07
Matrix:	Water	Received:	03/02/07

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
tert-Butyl Alcohol (TBA)	ND	33	3.333	122728	03/06/07
Freon 12	ND	3.3	3.333	122728	03/06/07
Chloromethane	ND	3.3	3.333	122728	03/06/07
Vinyl Chloride	ND	1.7	3.333	122728	03/06/07
Isopropyl Ether (DIPE)	ND	1.7	3.333	122728	03/06/07
Ethyl tert-Butyl Ether (ETBE)	ND	1.7	3.333	122728	03/06/07
Bromomethane	ND	3.3	3.333	122728	03/06/07
Methyl tert-Amyl Ether (TAME)	ND	1.7	3.333	122728	03/06/07
Chloroethane	ND	3.3	3.333	122728	03/06/07
Trichlorofluoromethane	ND	3.3	3.333	122728	03/06/07
Acetone	ND	33	3.333	122728	03/06/07
Freon 113	ND	1.7	3.333	122728	03/06/07
1,1-Dichloroethene	ND	1.7	3.333	122728	03/06/07
Methylene Chloride	ND	33	3.333	122728	03/06/07
Carbon Disulfide	ND	1.7	3.333	122728	03/06/07
MTBE	ND	1.7	3.333	122728	03/06/07
trans-1,2-Dichloroethene	ND	1.7	3.333	122728	03/06/07
Vinyl Acetate	ND	33	3.333	122728	03/06/07
1,1-Dichloroethane	ND	1.7	3.333	122728	03/06/07
2-Butanone	ND	33	3.333	122728	03/06/07
cis-1,2-Dichloroethene	ND	1.7	3.333	122728	03/06/07
2,2-Dichloropropane	ND	1.7	3.333	122728	03/06/07
Chloroform	ND	1.7	3.333	122728	03/06/07
Bromochloromethane	ND	1.7	3.333	122728	03/06/07
1,1,1-Trichloroethane	ND	1.7	3.333	122728	03/06/07
1,1-Dichloropropene	ND	1.7	3.333	122728	03/06/07
Carbon Tetrachloride	ND	1.7	3.333	122728	03/06/07
1,2-Dichloroethane	ND	1.7	3.333	122728	03/06/07
Benzene	ND	1.7	3.333	122728	03/06/07
Trichloroethene	2.0	1.7	3.333	122728	03/06/07
1,2-Dichloropropane	ND	1.7	3.333	122728	03/06/07
Bromodichloromethane	ND	1.7	3.333	122728	03/06/07
Dibromomethane	ND	1.7	3.333	122728	03/06/07
4-Methyl-2-Pentanone	ND	33	3.333	122728	03/06/07
cis-1,3-Dichloropropene	ND	1.7	3.333	122728	03/06/07
Toluene	ND	1.7	3.333	122728	03/06/07
trans-1,3-Dichloropropene	ND	1.7	3.333	122728	03/06/07
1,1,2-Trichloroethane	ND	1.7	3.333	122728	03/06/07
2-Hexanone	ND	33	3.333	122728	03/06/07

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Field ID:	GW-3	Units:	ug/L
Lab ID:	193094-002	Sampled:	03/01/07
Matrix:	Water	Received:	03/02/07

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
1,3-Dichloropropane	ND	1.7	3.333	122728	03/06/07
Tetrachloroethene	400	3.1	6.250	122788	03/07/07
Dibromochloromethane	ND	1.7	3.333	122728	03/06/07
1,2-Dibromoethane	ND	1.7	3.333	122728	03/06/07
Chlorobenzene	ND	1.7	3.333	122728	03/06/07
1,1,1,2-Tetrachloroethane	ND	1.7	3.333	122728	03/06/07
Ethylbenzene	ND	1.7	3.333	122728	03/06/07
m,p-Xylenes	ND	1.7	3.333	122728	03/06/07
o-Xylene	ND	1.7	3.333	122728	03/06/07
Styrene	ND	1.7	3.333	122728	03/06/07
Bromoform	ND	3.3	3.333	122728	03/06/07
Isopropylbenzene	ND	1.7	3.333	122728	03/06/07
1,1,2,2-Tetrachloroethane	ND	1.7	3.333	122728	03/06/07
1,2,3-Trichloropropane	ND	1.7	3.333	122728	03/06/07
Propylbenzene	ND	1.7	3.333	122728	03/06/07
Bromobenzene	ND	1.7	3.333	122728	03/06/07
1,3,5-Trimethylbenzene	ND	1.7	3.333	122728	03/06/07
2-Chlorotoluene	ND	1.7	3.333	122728	03/06/07
4-Chlorotoluene	ND	1.7	3.333	122728	03/06/07
tert-Butylbenzene	ND	1.7	3.333	122728	03/06/07
1,2,4-Trimethylbenzene	ND	1.7	3.333	122728	03/06/07
sec-Butylbenzene	ND	1.7	3.333	122728	03/06/07
para-Isopropyl Toluene	ND	1.7	3.333	122728	03/06/07
1,3-Dichlorobenzene	ND	1.7	3.333	122728	03/06/07
1,4-Dichlorobenzene	ND	1.7	3.333	122728	03/06/07
n-Butylbenzene	ND	1.7	3.333	122728	03/06/07
1,2-Dichlorobenzene	ND	1.7	3.333	122728	03/06/07
1,2-Dibromo-3-Chloropropane	ND	6.7	3.333	122728	03/06/07
1,2,4-Trichlorobenzene	ND	1.7	3.333	122728	03/06/07
Hexachlorobutadiene	ND	1.7	3.333	122728	03/06/07
Naphthalene	ND	6.7	3.333	122728	03/06/07
1,2,3-Trichlorobenzene	ND	1.7	3.333	122728	03/06/07

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
Dibromofluoromethane	101	80-123	3.333	122728	03/06/07
1,2-Dichloroethane-d4	93	79-134	3.333	122728	03/06/07
Toluene-d8	102	80-120	3.333	122728	03/06/07
Bromofluorobenzene	93	80-122	3.333	122728	03/06/07

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Field ID:	GW-4	Batch#:	122689
Lab ID:	193094-003	Sampled:	02/28/07
Matrix:	Water	Received:	03/02/07
Units:	ug/L	Analyzed:	03/05/07
Diln Fac:	1.000		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Bromomethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	1.6	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	1.4	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	0.6	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	3.7	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	4.0	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Field ID:	GW-4	Batch#:	122689
Lab ID:	193094-003	Sampled:	02/28/07
Matrix:	Water	Received:	03/02/07
Units:	ug/L	Analyzed:	03/05/07
Diln Fac:	1.000		

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	4.1	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	20	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	4.1	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	97	80-123
1,2-Dichloroethane-d4	92	79-134
Toluene-d8	102	80-120
Bromofluorobenzene	93	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Field ID:	MW-11	Batch#:	122689
Lab ID:	193094-004	Sampled:	02/28/07
Matrix:	Water	Received:	03/02/07
Units:	ug/L	Analyzed:	03/05/07
Diln Fac:	1.000		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Bromomethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Field ID:	MW-11	Batch#:	122689
Lab ID:	193094-004	Sampled:	02/28/07
Matrix:	Water	Received:	03/02/07
Units:	ug/L	Analyzed:	03/05/07
Diln Fac:	1.000		

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-123
1,2-Dichloroethane-d4	94	79-134
Toluene-d8	102	80-120
Bromofluorobenzene	91	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Field ID:	LFR-1	Units:	ug/L
Lab ID:	193094-005	Sampled:	03/01/07
Matrix:	Water	Received:	03/02/07

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
tert-Butyl Alcohol (TBA)	ND	10	1.000	122689	03/05/07
Freon 12	ND	1.0	1.000	122689	03/05/07
Chloromethane	ND	1.0	1.000	122689	03/05/07
Vinyl Chloride	ND	0.5	1.000	122689	03/05/07
Isopropyl Ether (DIPE)	ND	0.5	1.000	122689	03/05/07
Ethyl tert-Butyl Ether (ETBE)	ND	0.5	1.000	122689	03/05/07
Bromomethane	ND	1.0	1.000	122689	03/05/07
Methyl tert-Amyl Ether (TAME)	ND	0.5	1.000	122689	03/05/07
Chloroethane	ND	1.0	1.000	122689	03/05/07
Trichlorofluoromethane	ND	1.0	1.000	122689	03/05/07
Acetone	ND	10	1.000	122689	03/05/07
Freon 113	ND	0.5	1.000	122689	03/05/07
1,1-Dichloroethene	ND	0.5	1.000	122689	03/05/07
Methylene Chloride	ND	10	1.000	122689	03/05/07
Carbon Disulfide	ND	0.5	1.000	122689	03/05/07
MTBE	ND	0.5	1.000	122689	03/05/07
trans-1,2-Dichloroethene	ND	0.5	1.000	122689	03/05/07
Vinyl Acetate	ND	10	1.000	122689	03/05/07
1,1-Dichloroethane	ND	0.5	1.000	122689	03/05/07
2-Butanone	ND	10	1.000	122689	03/05/07
cis-1,2-Dichloroethene	1.7	0.5	1.000	122689	03/05/07
2,2-Dichloropropane	ND	0.5	1.000	122689	03/05/07
Chloroform	ND	0.5	1.000	122689	03/05/07
Bromochloromethane	ND	0.5	1.000	122689	03/05/07
1,1,1-Trichloroethane	ND	0.5	1.000	122689	03/05/07
1,1-Dichloropropene	ND	0.5	1.000	122689	03/05/07
Carbon Tetrachloride	ND	0.5	1.000	122689	03/05/07
1,2-Dichloroethane	ND	0.5	1.000	122689	03/05/07
Benzene	ND	0.5	1.000	122689	03/05/07
Trichloroethene	9.9	0.5	1.000	122689	03/05/07
1,2-Dichloropropane	ND	0.5	1.000	122689	03/05/07
Bromodichloromethane	ND	0.5	1.000	122689	03/05/07
Dibromomethane	ND	0.5	1.000	122689	03/05/07
4-Methyl-2-Pentanone	ND	10	1.000	122689	03/05/07
cis-1,3-Dichloropropene	ND	0.5	1.000	122689	03/05/07
Toluene	ND	0.5	1.000	122689	03/05/07
trans-1,3-Dichloropropene	ND	0.5	1.000	122689	03/05/07
1,1,2-Trichloroethane	ND	0.5	1.000	122689	03/05/07
2-Hexanone	ND	10	1.000	122689	03/05/07

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Field ID:	LFR-1	Units:	ug/L
Lab ID:	193094-005	Sampled:	03/01/07
Matrix:	Water	Received:	03/02/07

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
1,3-Dichloropropane	ND	0.5	1.000	122689	03/05/07
Tetrachloroethene	98	1.0	2.000	122728	03/06/07
Dibromochloromethane	ND	0.5	1.000	122689	03/05/07
1,2-Dibromoethane	ND	0.5	1.000	122689	03/05/07
Chlorobenzene	ND	0.5	1.000	122689	03/05/07
1,1,1,2-Tetrachloroethane	ND	0.5	1.000	122689	03/05/07
Ethylbenzene	ND	0.5	1.000	122689	03/05/07
m,p-Xylenes	ND	0.5	1.000	122689	03/05/07
o-Xylene	ND	0.5	1.000	122689	03/05/07
Styrene	ND	0.5	1.000	122689	03/05/07
Bromoform	ND	1.0	1.000	122689	03/05/07
Isopropylbenzene	ND	0.5	1.000	122689	03/05/07
1,1,2,2-Tetrachloroethane	ND	0.5	1.000	122689	03/05/07
1,2,3-Trichloropropane	ND	0.5	1.000	122689	03/05/07
Propylbenzene	ND	0.5	1.000	122689	03/05/07
Bromobenzene	ND	0.5	1.000	122689	03/05/07
1,3,5-Trimethylbenzene	ND	0.5	1.000	122689	03/05/07
2-Chlorotoluene	ND	0.5	1.000	122689	03/05/07
4-Chlorotoluene	ND	0.5	1.000	122689	03/05/07
tert-Butylbenzene	ND	0.5	1.000	122689	03/05/07
1,2,4-Trimethylbenzene	ND	0.5	1.000	122689	03/05/07
sec-Butylbenzene	ND	0.5	1.000	122689	03/05/07
para-Isopropyl Toluene	ND	0.5	1.000	122689	03/05/07
1,3-Dichlorobenzene	ND	0.5	1.000	122689	03/05/07
1,4-Dichlorobenzene	ND	0.5	1.000	122689	03/05/07
n-Butylbenzene	ND	0.5	1.000	122689	03/05/07
1,2-Dichlorobenzene	ND	0.5	1.000	122689	03/05/07
1,2-Dibromo-3-Chloropropane	ND	2.0	1.000	122689	03/05/07
1,2,4-Trichlorobenzene	ND	0.5	1.000	122689	03/05/07
Hexachlorobutadiene	ND	0.5	1.000	122689	03/05/07
Naphthalene	ND	2.0	1.000	122689	03/05/07
1,2,3-Trichlorobenzene	ND	0.5	1.000	122689	03/05/07

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
Dibromofluoromethane	100	80-123	1.000	122689	03/05/07
1,2-Dichloroethane-d4	96	79-134	1.000	122689	03/05/07
Toluene-d8	103	80-120	1.000	122689	03/05/07
Bromofluorobenzene	92	80-122	1.000	122689	03/05/07

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Field ID:	LFR-2	Batch#:	122689
Lab ID:	193094-006	Sampled:	02/28/07
Matrix:	Water	Received:	03/02/07
Units:	ug/L	Analyzed:	03/05/07
Diln Fac:	1.000		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Bromomethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Field ID:	LFR-2	Batch#:	122689
Lab ID:	193094-006	Sampled:	02/28/07
Matrix:	Water	Received:	03/02/07
Units:	ug/L	Analyzed:	03/05/07
Diln Fac:	1.000		

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-123
1,2-Dichloroethane-d4	92	79-134
Toluene-d8	103	80-120
Bromofluorobenzene	94	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Field ID:	LFR-3	Batch#:	122689
Lab ID:	193094-007	Sampled:	03/01/07
Matrix:	Water	Received:	03/02/07
Units:	ug/L	Analyzed:	03/05/07
Diln Fac:	1.000		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Bromomethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	20	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Field ID:	LFR-3	Batch#:	122689
Lab ID:	193094-007	Sampled:	03/01/07
Matrix:	Water	Received:	03/02/07
Units:	ug/L	Analyzed:	03/05/07
Diln Fac:	1.000		

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-123
1,2-Dichloroethane-d4	94	79-134
Toluene-d8	101	80-120
Bromofluorobenzene	92	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Field ID:	LFR-4	Batch#:	122689
Lab ID:	193094-008	Sampled:	03/01/07
Matrix:	Water	Received:	03/02/07
Units:	ug/L	Analyzed:	03/05/07
Diln Fac:	1.000		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	0.6	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Bromomethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	6.0	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	3.3	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	6.3	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Field ID:	LFR-4	Batch#:	122689
Lab ID:	193094-008	Sampled:	03/01/07
Matrix:	Water	Received:	03/02/07
Units:	ug/L	Analyzed:	03/05/07
Diln Fac:	1.000		

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	1.4	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	0.6	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	0.7	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	97	80-123
1,2-Dichloroethane-d4	92	79-134
Toluene-d8	103	80-120
Bromofluorobenzene	91	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Field ID:	SOMA-1	Batch#:	122689
Lab ID:	193094-009	Sampled:	02/28/07
Matrix:	Water	Received:	03/02/07
Units:	ug/L	Analyzed:	03/05/07
Diln Fac:	4.000		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	40
Freon 12	ND	4.0
Chloromethane	ND	4.0
Vinyl Chloride	ND	2.0
Isopropyl Ether (DIPE)	8.0	2.0
Ethyl tert-Butyl Ether (ETBE)	ND	2.0
Bromomethane	ND	4.0
Methyl tert-Amyl Ether (TAME)	ND	2.0
Chloroethane	ND	4.0
Trichlorofluoromethane	ND	4.0
Acetone	ND	40
Freon 113	ND	2.0
1,1-Dichloroethene	ND	2.0
Methylene Chloride	ND	40
Carbon Disulfide	ND	2.0
MTBE	330	2.0
trans-1,2-Dichloroethene	ND	2.0
Vinyl Acetate	ND	40
1,1-Dichloroethane	ND	2.0
2-Butanone	ND	40
cis-1,2-Dichloroethene	170	2.0
2,2-Dichloropropane	ND	2.0
Chloroform	ND	2.0
Bromochloromethane	ND	2.0
1,1,1-Trichloroethane	ND	2.0
1,1-Dichloropropene	ND	2.0
Carbon Tetrachloride	ND	2.0
1,2-Dichloroethane	ND	2.0
Benzene	2.5	2.0
Trichloroethene	6.2	2.0
1,2-Dichloropropane	6.7	2.0
Bromodichloromethane	ND	2.0
Dibromomethane	ND	2.0
4-Methyl-2-Pentanone	ND	40
cis-1,3-Dichloropropene	ND	2.0
Toluene	ND	2.0
trans-1,3-Dichloropropene	ND	2.0
1,1,2-Trichloroethane	ND	2.0
2-Hexanone	ND	40
1,3-Dichloropropane	ND	2.0
Tetrachloroethene	79	2.0
Dibromochloromethane	ND	2.0
1,2-Dibromoethane	ND	2.0
Chlorobenzene	ND	2.0
1,1,1,2-Tetrachloroethane	ND	2.0
Ethylbenzene	ND	2.0
m,p-Xylenes	ND	2.0
o-Xylene	ND	2.0
Styrene	ND	2.0
Bromoform	ND	4.0
Isopropylbenzene	ND	2.0
1,1,2,2-Tetrachloroethane	ND	2.0
1,2,3-Trichloropropane	ND	2.0
Propylbenzene	ND	2.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Field ID:	SOMA-1	Batch#:	122689
Lab ID:	193094-009	Sampled:	02/28/07
Matrix:	Water	Received:	03/02/07
Units:	ug/L	Analyzed:	03/05/07
Diln Fac:	4.000		

Analyte	Result	RL
Bromobenzene	ND	2.0
1,3,5-Trimethylbenzene	ND	2.0
2-Chlorotoluene	ND	2.0
4-Chlorotoluene	ND	2.0
tert-Butylbenzene	ND	2.0
1,2,4-Trimethylbenzene	ND	2.0
sec-Butylbenzene	ND	2.0
para-Isopropyl Toluene	ND	2.0
1,3-Dichlorobenzene	ND	2.0
1,4-Dichlorobenzene	ND	2.0
n-Butylbenzene	ND	2.0
1,2-Dichlorobenzene	ND	2.0
1,2-Dibromo-3-Chloropropane	ND	8.0
1,2,4-Trichlorobenzene	ND	2.0
Hexachlorobutadiene	ND	2.0
Naphthalene	ND	8.0
1,2,3-Trichlorobenzene	ND	2.0

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-123
1,2-Dichloroethane-d4	93	79-134
Toluene-d8	103	80-120
Bromofluorobenzene	90	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Field ID:	SOMA-2	Batch#:	122689
Lab ID:	193094-010	Sampled:	03/01/07
Matrix:	Water	Received:	03/02/07
Units:	ug/L	Analyzed:	03/05/07
Diln Fac:	83.33		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	830
Freon 12	ND	83
Chloromethane	ND	83
Vinyl Chloride	ND	42
Isopropyl Ether (DIPE)	ND	42
Ethyl tert-Butyl Ether (ETBE)	ND	42
Bromomethane	ND	83
Methyl tert-Amyl Ether (TAME)	ND	42
Chloroethane	ND	83
Trichlorofluoromethane	ND	83
Acetone	ND	830
Freon 113	ND	42
1,1-Dichloroethene	ND	42
Methylene Chloride	ND	830
Carbon Disulfide	ND	42
MTBE	ND	42
trans-1,2-Dichloroethene	ND	42
Vinyl Acetate	ND	830
1,1-Dichloroethane	ND	42
2-Butanone	ND	830
cis-1,2-Dichloroethene	5,100	42
2,2-Dichloropropane	ND	42
Chloroform	ND	42
Bromochloromethane	ND	42
1,1,1-Trichloroethane	ND	42
1,1-Dichloropropene	ND	42
Carbon Tetrachloride	ND	42
1,2-Dichloroethane	ND	42
Benzene	ND	42
Trichloroethene	ND	42
1,2-Dichloropropane	ND	42
Bromodichloromethane	ND	42
Dibromomethane	ND	42
4-Methyl-2-Pentanone	ND	830
cis-1,3-Dichloropropene	ND	42
Toluene	55	42
trans-1,3-Dichloropropene	ND	42
1,1,2-Trichloroethane	ND	42
2-Hexanone	ND	830
1,3-Dichloropropane	ND	42
Tetrachloroethene	ND	42
Dibromochloromethane	ND	42
1,2-Dibromoethane	ND	42
Chlorobenzene	ND	42
1,1,1,2-Tetrachloroethane	ND	42
Ethylbenzene	ND	42
m,p-Xylenes	ND	42
o-Xylene	ND	42
Styrene	ND	42
Bromoform	ND	83
Isopropylbenzene	ND	42
1,1,2,2-Tetrachloroethane	ND	42
1,2,3-Trichloropropane	ND	42
Propylbenzene	ND	42

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Field ID:	SOMA-2	Batch#:	122689
Lab ID:	193094-010	Sampled:	03/01/07
Matrix:	Water	Received:	03/02/07
Units:	ug/L	Analyzed:	03/05/07
Diln Fac:	83.33		

Analyte	Result	RL
Bromobenzene	ND	42
1,3,5-Trimethylbenzene	ND	42
2-Chlorotoluene	ND	42
4-Chlorotoluene	ND	42
tert-Butylbenzene	ND	42
1,2,4-Trimethylbenzene	85	42
sec-Butylbenzene	ND	42
para-Isopropyl Toluene	ND	42
1,3-Dichlorobenzene	ND	42
1,4-Dichlorobenzene	ND	42
n-Butylbenzene	ND	42
1,2-Dichlorobenzene	ND	42
1,2-Dibromo-3-Chloropropane	ND	170
1,2,4-Trichlorobenzene	ND	42
Hexachlorobutadiene	ND	42
Naphthalene	ND	170
1,2,3-Trichlorobenzene	ND	42

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-123
1,2-Dichloroethane-d4	92	79-134
Toluene-d8	101	80-120
Bromofluorobenzene	91	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Field ID:	SOMA-3	Batch#:	122689
Lab ID:	193094-011	Sampled:	03/01/07
Matrix:	Water	Received:	03/02/07
Units:	ug/L	Analyzed:	03/05/07
Diln Fac:	10.00		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	100
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	5.0
Isopropyl Ether (DIPE)	ND	5.0
Ethyl tert-Butyl Ether (ETBE)	ND	5.0
Bromomethane	ND	10
Methyl tert-Amyl Ether (TAME)	ND	5.0
Chloroethane	ND	10
Trichlorofluoromethane	ND	10
Acetone	ND	100
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	100
Carbon Disulfide	ND	5.0
MTBE	490	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	100
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	100
cis-1,2-Dichloroethene	270	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	100
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	100
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	15	5.0
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	10
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Field ID:	SOMA-3	Batch#:	122689
Lab ID:	193094-011	Sampled:	03/01/07
Matrix:	Water	Received:	03/02/07
Units:	ug/L	Analyzed:	03/05/07
Diln Fac:	10.00		

Analyte	Result	RL
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	20
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	20
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-123
1,2-Dichloroethane-d4	92	79-134
Toluene-d8	102	80-120
Bromofluorobenzene	89	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Gasoline by GC/MS

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Field ID:	SOMA-5	Units:	ug/L
Lab ID:	193094-012	Sampled:	03/01/07
Matrix:	Water	Received:	03/02/07

Analyte	Result	RL	Dil'n Fac	Batch#	Analyzed
Gasoline C7-C12	3,900 Y Z	50	1.000	122728	03/06/07
Freon 12	ND	1.0	1.000	122728	03/06/07
tert-Butyl Alcohol (TBA)	28	10	1.000	122728	03/06/07
Chloromethane	ND	1.0	1.000	122728	03/06/07
Isopropyl Ether (DIPE)	0.7	0.5	1.000	122728	03/06/07
Vinyl Chloride	ND	0.5	1.000	122728	03/06/07
Bromomethane	ND	1.0	1.000	122728	03/06/07
Ethyl tert-Butyl Ether (ETBE)	ND	0.5	1.000	122728	03/06/07
Chloroethane	ND	1.0	1.000	122728	03/06/07
Methyl tert-Amyl Ether (TAME)	ND	0.5	1.000	122728	03/06/07
Trichlorofluoromethane	ND	1.0	1.000	122728	03/06/07
Ethanol	ND	1,000	1.000	122728	03/06/07
Acetone	150	50	5.000	122841	03/08/07
Freon 113	ND	0.5	1.000	122728	03/06/07
1,1-Dichloroethene	ND	0.5	1.000	122728	03/06/07
Methylene Chloride	ND	10	1.000	122728	03/06/07
Carbon Disulfide	ND	0.5	1.000	122728	03/06/07
MTBE	5.2	0.5	1.000	122728	03/06/07
trans-1,2-Dichloroethene	ND	0.5	1.000	122728	03/06/07
Vinyl Acetate	ND	10	1.000	122728	03/06/07
1,1-Dichloroethane	ND	0.5	1.000	122728	03/06/07
2-Butanone	23	10	1.000	122728	03/06/07
cis-1,2-Dichloroethene	ND	0.5	1.000	122728	03/06/07
2,2-Dichloropropane	ND	0.5	1.000	122728	03/06/07
Chloroform	ND	0.5	1.000	122728	03/06/07
Bromochloromethane	ND	0.5	1.000	122728	03/06/07
1,1,1-Trichloroethane	ND	0.5	1.000	122728	03/06/07
1,1-Dichloropropene	ND	0.5	1.000	122728	03/06/07
Carbon Tetrachloride	ND	0.5	1.000	122728	03/06/07
1,2-Dichloroethane	ND	0.5	1.000	122728	03/06/07
Benzene	ND	0.5	1.000	122728	03/06/07
Trichloroethene	ND	0.5	1.000	122728	03/06/07
1,2-Dichloropropane	ND	0.5	1.000	122728	03/06/07
Bromodichloromethane	ND	0.5	1.000	122728	03/06/07
Dibromomethane	ND	0.5	1.000	122728	03/06/07
4-Methyl-2-Pentanone	ND	10	1.000	122728	03/06/07
cis-1,3-Dichloropropene	ND	0.5	1.000	122728	03/06/07
Toluene	ND	0.5	1.000	122728	03/06/07
trans-1,3-Dichloropropene	ND	0.5	1.000	122728	03/06/07
1,1,2-Trichloroethane	ND	0.5	1.000	122728	03/06/07
2-Hexanone	ND	10	1.000	122728	03/06/07
1,3-Dichloropropane	ND	0.5	1.000	122728	03/06/07
Tetrachloroethene	ND	0.5	1.000	122728	03/06/07
Dibromochloromethane	ND	0.5	1.000	122728	03/06/07
1,2-Dibromoethane	ND	0.5	1.000	122728	03/06/07
Chlorobenzene	ND	0.5	1.000	122728	03/06/07
1,1,1,2-Tetrachloroethane	ND	0.5	1.000	122728	03/06/07
Ethylbenzene	ND	0.5	1.000	122728	03/06/07
m,p-Xylenes	ND	0.5	1.000	122728	03/06/07
o-Xylene	ND	0.5	1.000	122728	03/06/07
Styrene	ND	0.5	1.000	122728	03/06/07
Bromoform	ND	1.0	1.000	122728	03/06/07
Isopropylbenzene	ND	0.5	1.000	122728	03/06/07
1,1,2,2-Tetrachloroethane	ND	0.5	1.000	122728	03/06/07

Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

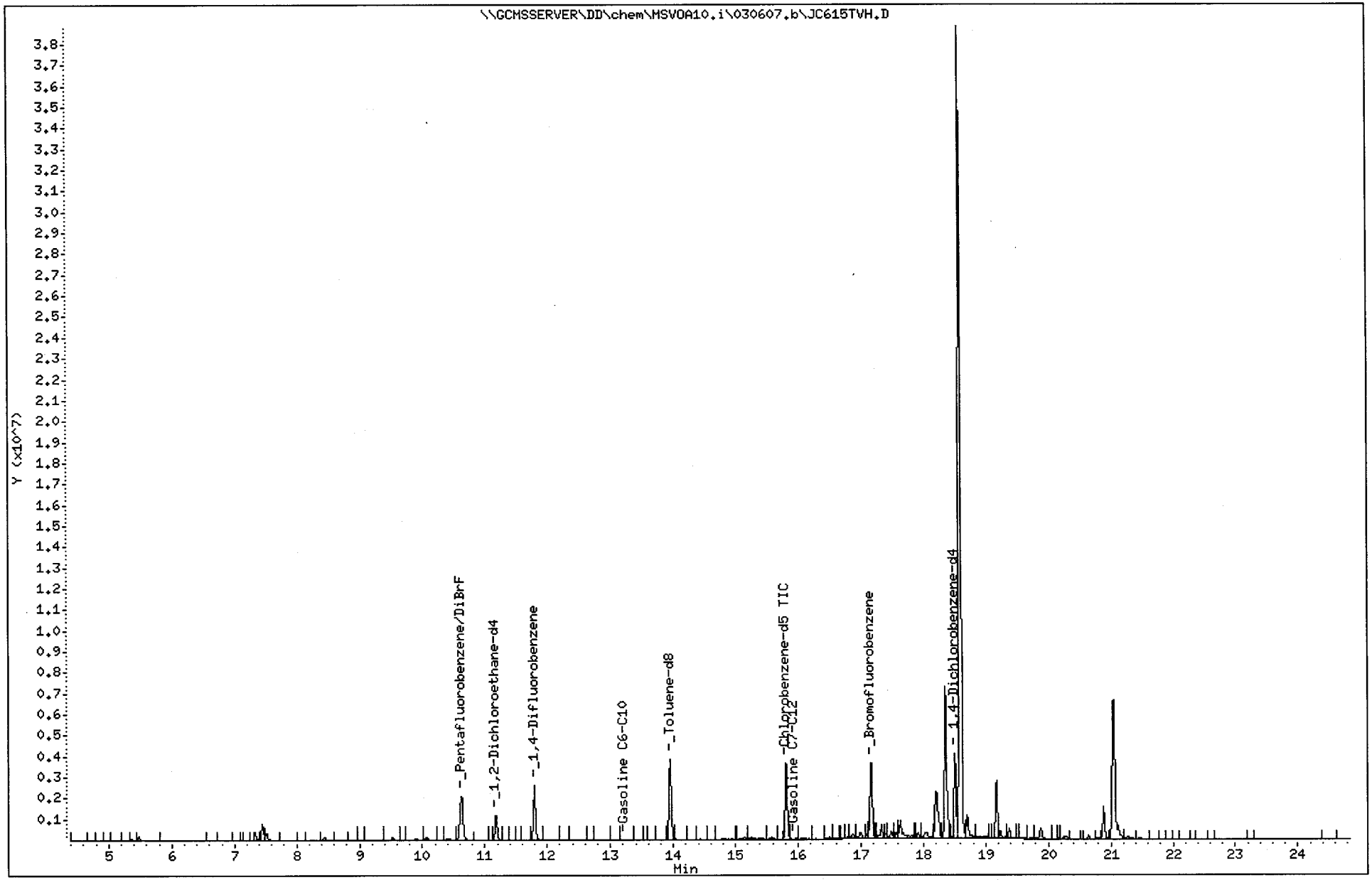
Data File: \\GCMSSERVER\DD\chem\MSVOA10.i\030607.b\JC615TVH.D
Date : 06-MAR-2007 15:04
Client ID: DYNA P&T
Sample Info: S,193094-012

Instrument: MSVOA10.i

Operator: VOA
Column diameter: 2.00

Column phase:

SOMA -5



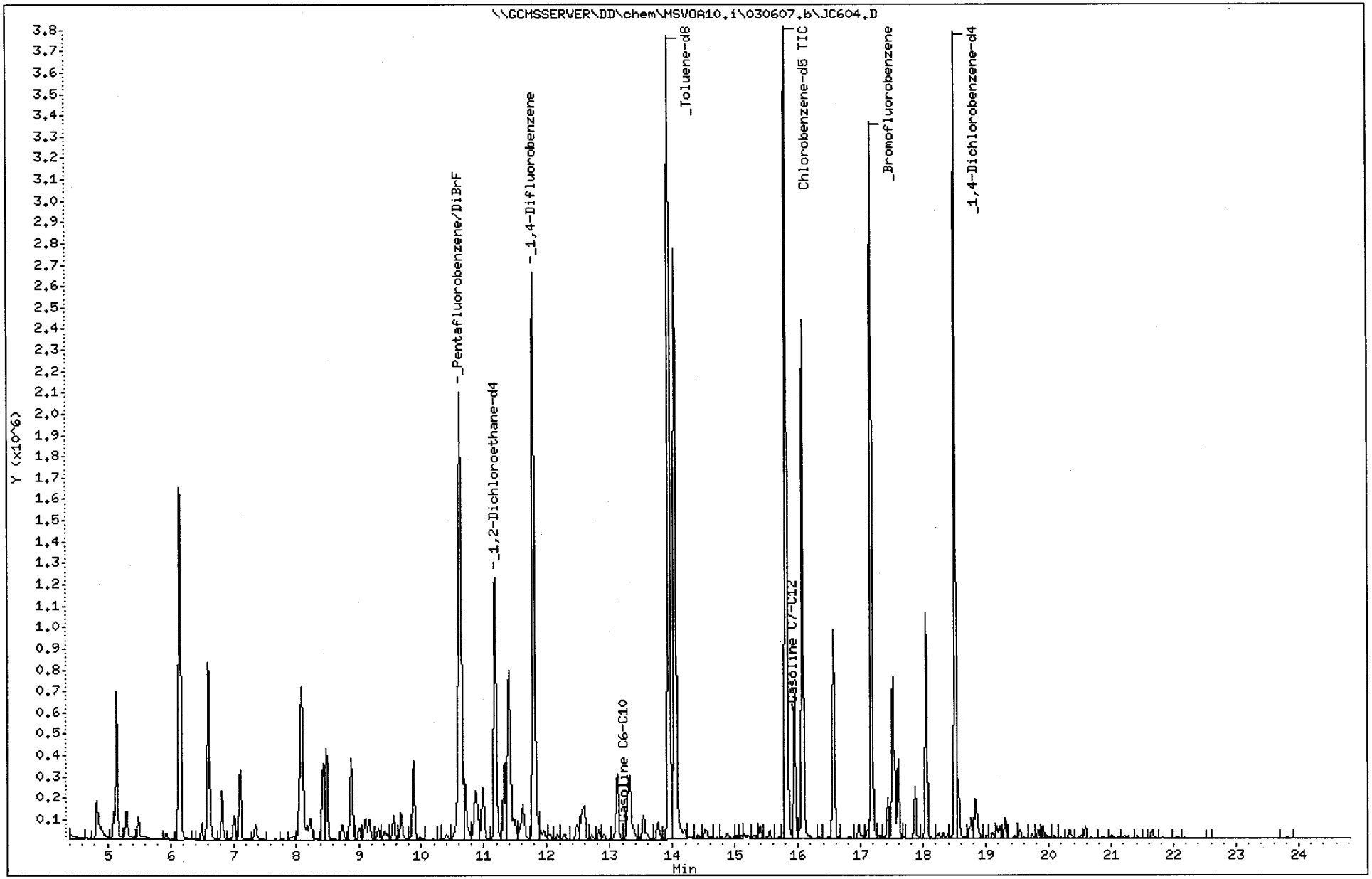
Gasoline standard

Data File: \\GCMSSERVER\DD\chem\MSVOA10.i\030607.b\JC604.D
Date : 06-MAR-2007 09:23
Client ID:
Sample Info: CCV,S5628,0.008/100

Column phase:

Instrument: MSVOA10.i

Operator: VOA
Column diameter: 2.00



Curtis & Tompkins, Ltd.

Gasoline by GC/MS

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Field ID:	SOMA-5	Units:	ug/L
Lab ID:	193094-012	Sampled:	03/01/07
Matrix:	Water	Received:	03/02/07

Analyte	Result	RL	Diln Fac	Batch#	Analyzed
1,2,3-Trichloropropane	ND	0.5	1.000	122728	03/06/07
Propylbenzene	ND	0.5	1.000	122728	03/06/07
Bromobenzene	ND	0.5	1.000	122728	03/06/07
1,3,5-Trimethylbenzene	ND	0.5	1.000	122728	03/06/07
2-Chlorotoluene	ND	0.5	1.000	122728	03/06/07
4-Chlorotoluene	ND	0.5	1.000	122728	03/06/07
tert-Butylbenzene	ND	0.5	1.000	122728	03/06/07
1,2,4-Trimethylbenzene	ND	0.5	1.000	122728	03/06/07
sec-Butylbenzene	ND	0.5	1.000	122728	03/06/07
para-Isopropyl Toluene	50	0.5	1.000	122728	03/06/07
1,3-Dichlorobenzene	ND	0.5	1.000	122728	03/06/07
1,4-Dichlorobenzene	ND	0.5	1.000	122728	03/06/07
n-Butylbenzene	ND	0.5	1.000	122728	03/06/07
1,2-Dichlorobenzene	ND	0.5	1.000	122728	03/06/07
1,2-Dibromo-3-Chloropropane	ND	2.0	1.000	122728	03/06/07
1,2,4-Trichlorobenzene	ND	0.5	1.000	122728	03/06/07
Hexachlorobutadiene	ND	0.5	1.000	122728	03/06/07
Naphthalene	ND	2.0	1.000	122728	03/06/07
1,2,3-Trichlorobenzene	ND	0.5	1.000	122728	03/06/07

Surrogate	%REC	Limits	Diln Fac	Batch#	Analyzed
Dibromofluoromethane	101	80-123	1.000	122728	03/06/07
1,2-Dichloroethane-d4	94	79-134	1.000	122728	03/06/07
Toluene-d8	101	80-120	1.000	122728	03/06/07
Bromofluorobenzene	92	80-122	1.000	122728	03/06/07

Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Field ID:	B-10	Batch#:	122689
Lab ID:	193094-013	Sampled:	03/01/07
Matrix:	Water	Received:	03/02/07
Units:	ug/L	Analyzed:	03/05/07
Diln Fac:	200.0		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	2,000
Freon 12	ND	200
Chloromethane	ND	200
Vinyl Chloride	ND	100
Isopropyl Ether (DIPE)	ND	100
Ethyl tert-Butyl Ether (ETBE)	ND	100
Bromomethane	ND	200
Methyl tert-Amyl Ether (TAME)	ND	100
Chloroethane	ND	200
Trichlorofluoromethane	ND	200
Acetone	ND	2,000
Freon 113	ND	100
1,1-Dichloroethene	ND	100
Methylene Chloride	ND	2,000
Carbon Disulfide	ND	100
MTBE	ND	100
trans-1,2-Dichloroethene	110	100
Vinyl Acetate	ND	2,000
1,1-Dichloroethane	ND	100
2-Butanone	ND	2,000
cis-1,2-Dichloroethene	14,000	100
2,2-Dichloropropane	ND	100
Chloroform	ND	100
Bromochloromethane	ND	100
1,1,1-Trichloroethane	ND	100
1,1-Dichloropropene	ND	100
Carbon Tetrachloride	ND	100
1,2-Dichloroethane	ND	100
Benzene	ND	100
Trichloroethene	ND	100
1,2-Dichloropropane	ND	100
Bromodichloromethane	ND	100
Dibromomethane	ND	100
4-Methyl-2-Pentanone	ND	2,000
cis-1,3-Dichloropropene	ND	100
Toluene	ND	100
trans-1,3-Dichloropropene	ND	100
1,1,2-Trichloroethane	ND	100
2-Hexanone	ND	2,000
1,3-Dichloropropane	ND	100
Tetrachloroethene	ND	100
Dibromochloromethane	ND	100
1,2-Dibromoethane	ND	100
Chlorobenzene	ND	100
1,1,1,2-Tetrachloroethane	ND	100
Ethylbenzene	ND	100
m,p-Xylenes	ND	100
o-Xylene	ND	100
Styrene	ND	100
Bromoform	ND	200
Isopropylbenzene	ND	100
1,1,2,2-Tetrachloroethane	ND	100
1,2,3-Trichloropropane	ND	100
Propylbenzene	ND	100

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Field ID:	B-10	Batch#:	122689
Lab ID:	193094-013	Sampled:	03/01/07
Matrix:	Water	Received:	03/02/07
Units:	ug/L	Analyzed:	03/05/07
Diln Fac:	200.0		

Analyte	Result	RL
Bromobenzene	ND	100
1,3,5-Trimethylbenzene	ND	100
2-Chlorotoluene	ND	100
4-Chlorotoluene	ND	100
tert-Butylbenzene	ND	100
1,2,4-Trimethylbenzene	ND	100
sec-Butylbenzene	ND	100
para-Isopropyl Toluene	ND	100
1,3-Dichlorobenzene	ND	100
1,4-Dichlorobenzene	ND	100
n-Butylbenzene	ND	100
1,2-Dichlorobenzene	ND	100
1,2-Dibromo-3-Chloropropane	ND	400
1,2,4-Trichlorobenzene	ND	100
Hexachlorobutadiene	ND	100
Naphthalene	ND	400
1,2,3-Trichlorobenzene	ND	100

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-123
1,2-Dichloroethane-d4	95	79-134
Toluene-d8	101	80-120
Bromofluorobenzene	91	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC377441	Batch#:	122689
Matrix:	Water	Analyzed:	03/05/07
Units:	ug/L		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Bromomethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC377441	Batch#:	122689
Matrix:	Water	Analyzed:	03/05/07
Units:	ug/L		

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-123
1,2-Dichloroethane-d4	94	79-134
Toluene-d8	100	80-120
Bromofluorobenzene	92	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC377635	Batch#:	122728
Matrix:	Water	Analyzed:	03/06/07
Units:	ug/L		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Bromomethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC377635	Batch#:	122728
Matrix:	Water	Analyzed:	03/06/07
Units:	ug/L		

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-123
1,2-Dichloroethane-d4	93	79-134
Toluene-d8	101	80-120
Bromofluorobenzene	93	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC377635	Batch#:	122728
Matrix:	Water	Analyzed:	03/06/07
Units:	ug/L		

Analyte	Result	RL
Gasoline C7-C12	ND	50
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Ethanol	ND	1,000
Acetone	ND	10
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC377635	Batch#:	122728
Matrix:	Water	Analyzed:	03/06/07
Units:	ug/L		

Analyte	Result	RL
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-123
1,2-Dichloroethane-d4	93	79-134
Toluene-d8	101	80-120
Bromofluorobenzene	93	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC377876	Batch#:	122788
Matrix:	Water	Analyzed:	03/07/07
Units:	ug/L		

Analyte	Result	RL
tert-Butyl Alcohol (TBA)	ND	10
Freon 12	ND	1.0
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Isopropyl Ether (DIPE)	ND	0.5
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Bromomethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
Acetone	ND	10
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC377876	Batch#:	122788
Matrix:	Water	Analyzed:	03/07/07
Units:	ug/L		

Analyte	Result	RL
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-123
1,2-Dichloroethane-d4	96	79-134
Toluene-d8	102	80-120
Bromofluorobenzene	92	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC378079	Batch#:	122841
Matrix:	Water	Analyzed:	03/08/07
Units:	ug/L		

Analyte	Result	RL
Gasoline C7-C12	ND	50
Freon 12	ND	1.0
tert-Butyl Alcohol (TBA)	ND	10
Chloromethane	ND	1.0
Isopropyl Ether (DIPE)	ND	0.5
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Ethyl tert-Butyl Ether (ETBE)	ND	0.5
Chloroethane	ND	1.0
Methyl tert-Amyl Ether (TAME)	ND	0.5
Trichlorofluoromethane	ND	1.0
Ethanol	ND	1,000
Acetone	ND	10
Freon 113	ND	0.5
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
Carbon Disulfide	ND	0.5
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
Vinyl Acetate	ND	10
1,1-Dichloroethane	ND	0.5
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	0.5
2,2-Dichloropropane	ND	0.5
Chloroform	ND	0.5
Bromochloromethane	ND	0.5
1,1,1-Trichloroethane	ND	0.5
1,1-Dichloropropene	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
Dibromomethane	ND	0.5
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
2-Hexanone	ND	10
1,3-Dichloropropane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
1,2-Dibromoethane	ND	0.5
Chlorobenzene	ND	0.5
1,1,1,2-Tetrachloroethane	ND	0.5
Ethylbenzene	ND	0.5
m,p-Xylenes	ND	0.5
o-Xylene	ND	0.5
Styrene	ND	0.5
Bromoform	ND	1.0
Isopropylbenzene	ND	0.5
1,1,2,2-Tetrachloroethane	ND	0.5

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC378079	Batch#:	122841
Matrix:	Water	Analyzed:	03/08/07
Units:	ug/L		

Analyte	Result	RL
1,2,3-Trichloropropane	ND	0.5
Propylbenzene	ND	0.5
Bromobenzene	ND	0.5
1,3,5-Trimethylbenzene	ND	0.5
2-Chlorotoluene	ND	0.5
4-Chlorotoluene	ND	0.5
tert-Butylbenzene	ND	0.5
1,2,4-Trimethylbenzene	ND	0.5
sec-Butylbenzene	ND	0.5
para-Isopropyl Toluene	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5
1,2-Dibromo-3-Chloropropane	ND	2.0
1,2,4-Trichlorobenzene	ND	0.5
Hexachlorobutadiene	ND	0.5
Naphthalene	ND	2.0
1,2,3-Trichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-123
1,2-Dichloroethane-d4	92	79-134
Toluene-d8	101	80-120
Bromofluorobenzene	94	80-122

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	122689
Units:	ug/L	Analyzed:	03/05/07
Diln Fac:	1.000		

Type: BS Lab ID: QC377442

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	135.5	108	68-132
Isopropyl Ether (DIPE)	25.00	25.04	100	65-120
Ethyl tert-Butyl Ether (ETBE)	25.00	22.12	88	75-124
Methyl tert-Amyl Ether (TAME)	25.00	23.40	94	77-120
1,1-Dichloroethene	25.00	27.05	108	80-132
Benzene	25.00	26.86	107	80-120
Trichloroethene	25.00	26.82	107	80-120
Toluene	25.00	27.44	110	80-120
Chlorobenzene	25.00	26.06	104	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-123
1,2-Dichloroethane-d4	95	79-134
Toluene-d8	101	80-120
Bromofluorobenzene	91	80-122

Type: BSD Lab ID: QC377443

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	139.3	111	68-132	3	20
Isopropyl Ether (DIPE)	25.00	24.57	98	65-120	2	20
Ethyl tert-Butyl Ether (ETBE)	25.00	22.23	89	75-124	0	20
Methyl tert-Amyl Ether (TAME)	25.00	22.62	90	77-120	3	20
1,1-Dichloroethene	25.00	27.06	108	80-132	0	20
Benzene	25.00	26.06	104	80-120	3	20
Trichloroethene	25.00	25.77	103	80-120	4	20
Toluene	25.00	26.78	107	80-120	2	20
Chlorobenzene	25.00	25.33	101	80-120	3	20

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-123
1,2-Dichloroethane-d4	92	79-134
Toluene-d8	102	80-120
Bromofluorobenzene	90	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC377636	Batch#:	122728
Matrix:	Water	Analyzed:	03/06/07
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	123.8	99	68-132
Isopropyl Ether (DIPE)	25.00	23.93	96	65-120
Ethyl tert-Butyl Ether (ETBE)	25.00	21.37	85	75-124
Methyl tert-Amyl Ether (TAME)	25.00	21.77	87	77-120
1,1-Dichloroethene	25.00	26.77	107	80-132
Benzene	25.00	26.71	107	80-120
Trichloroethene	25.00	25.98	104	80-120
Toluene	25.00	27.65	111	80-120
Chlorobenzene	25.00	25.48	102	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-123
1,2-Dichloroethane-d4	94	79-134
Toluene-d8	101	80-120
Bromofluorobenzene	90	80-122

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC377636	Batch#:	122728
Matrix:	Water	Analyzed:	03/06/07
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	123.8	99	68-132
Isopropyl Ether (DIPE)	25.00	23.93	96	65-120
Ethyl tert-Butyl Ether (ETBE)	25.00	21.37	85	75-124
Methyl tert-Amyl Ether (TAME)	25.00	21.77	87	77-120
1,1-Dichloroethene	25.00	26.77	107	80-132
Benzene	25.00	26.71	107	80-120
Trichloroethene	25.00	25.98	104	80-120
Toluene	25.00	27.65	111	80-120
Chlorobenzene	25.00	25.48	102	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-123
1,2-Dichloroethane-d4	94	79-134
Toluene-d8	101	80-120
Bromofluorobenzene	90	80-122

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	122728
Units:	ug/L	Analyzed:	03/06/07
Diln Fac:	1.000		

Type: BS Lab ID: QC377637

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	971.9	97	70-130

Surrogate	%REC	Limits
Dibromofluoromethane	100	80-123
1,2-Dichloroethane-d4	94	79-134
Toluene-d8	100	80-120
Bromofluorobenzene	93	80-122

Type: BSD Lab ID: QC377638

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	1,000	955.9	96	70-130	2	20

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-123
1,2-Dichloroethane-d4	92	79-134
Toluene-d8	103	80-120
Bromofluorobenzene	91	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC377877	Batch#:	122788
Matrix:	Water	Analyzed:	03/07/07
Units:	ug/L		

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	136.7	109	68-132
Isopropyl Ether (DIPE)	25.00	23.63	95	65-120
Ethyl tert-Butyl Ether (ETBE)	25.00	21.74	87	75-124
Methyl tert-Amyl Ether (TAME)	25.00	22.50	90	77-120
1,1-Dichloroethene	25.00	26.30	105	80-132
Benzene	25.00	25.77	103	80-120
Trichloroethene	25.00	25.93	104	80-120
Toluene	25.00	27.10	108	80-120
Chlorobenzene	25.00	24.96	100	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-123
1,2-Dichloroethane-d4	94	79-134
Toluene-d8	102	80-120
Bromofluorobenzene	92	80-122

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	122841
Units:	ug/L	Analyzed:	03/08/07
Diln Fac:	1.000		

Type: BS Lab ID: QC378080

Analyte	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	125.0	143.1	114	68-132
Isopropyl Ether (DIPE)	25.00	25.60	102	65-120
Ethyl tert-Butyl Ether (ETBE)	25.00	23.26	93	75-124
Methyl tert-Amyl Ether (TAME)	25.00	23.55	94	77-120
1,1-Dichloroethene	25.00	25.51	102	80-132
Benzene	25.00	25.50	102	80-120
Trichloroethene	25.00	25.13	101	80-120
Toluene	25.00	26.46	106	80-120
Chlorobenzene	25.00	24.47	98	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	101	80-123
1,2-Dichloroethane-d4	95	79-134
Toluene-d8	101	80-120
Bromofluorobenzene	92	80-122

Type: BSD Lab ID: QC378081

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	143.6	115	68-132	0	20
Isopropyl Ether (DIPE)	25.00	25.94	104	65-120	1	20
Ethyl tert-Butyl Ether (ETBE)	25.00	23.17	93	75-124	0	20
Methyl tert-Amyl Ether (TAME)	25.00	24.22	97	77-120	3	20
1,1-Dichloroethene	25.00	24.83	99	80-132	3	20
Benzene	25.00	25.62	102	80-120	0	20
Trichloroethene	25.00	25.71	103	80-120	2	20
Toluene	25.00	25.90	104	80-120	2	20
Chlorobenzene	25.00	24.70	99	80-120	1	20

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-123
1,2-Dichloroethane-d4	94	79-134
Toluene-d8	104	80-120
Bromofluorobenzene	91	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Matrix:	Water	Batch#:	122841
Units:	ug/L	Analyzed:	03/08/07
Diln Fac:	1.000		

Type: BS Lab ID: QC378082

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1,000	917.3	92	70-130

Surrogate	%REC	Limits
Dibromofluoromethane	98	80-123
1,2-Dichloroethane-d4	95	79-134
Toluene-d8	102	80-120
Bromofluorobenzene	91	80-122

Type: BSD Lab ID: QC378083

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	1,000	919.9	92	70-130	0	20

Surrogate	%REC	Limits
Dibromofluoromethane	97	80-123
1,2-Dichloroethane-d4	95	79-134
Toluene-d8	102	80-120
Bromofluorobenzene	94	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	122728
MSS Lab ID:	193108-001	Sampled:	03/01/07
Matrix:	Water	Received:	03/02/07
Units:	ug/L	Analyzed:	03/06/07
Diln Fac:	1.000		

Type: MS Lab ID: QC377755

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<1.579	125.0	136.1	109	69-137
Isopropyl Ether (DIPE)	<0.04032	25.00	25.13	101	69-120
Ethyl tert-Butyl Ether (ETBE)	<0.07412	25.00	22.36	89	78-127
Methyl tert-Amyl Ether (TAME)	<0.04870	25.00	23.26	93	79-120
1,1-Dichloroethene	<0.09386	25.00	26.36	105	80-139
Benzene	<0.2500	25.00	26.00	104	80-123
Trichloroethene	<0.1151	25.00	25.35	101	75-129
Toluene	<0.1338	25.00	25.43	102	80-122
Chlorobenzene	<0.1569	25.00	24.49	98	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-123
1,2-Dichloroethane-d4	95	79-134
Toluene-d8	103	80-120
Bromofluorobenzene	94	80-122

Type: MSD Lab ID: QC377756

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	133.2	107	69-137	2	20
Isopropyl Ether (DIPE)	25.00	24.87	99	69-120	1	20
Ethyl tert-Butyl Ether (ETBE)	25.00	22.13	89	78-127	1	20
Methyl tert-Amyl Ether (TAME)	25.00	22.84	91	79-120	2	20
1,1-Dichloroethene	25.00	25.89	104	80-139	2	20
Benzene	25.00	25.03	100	80-123	4	20
Trichloroethene	25.00	24.39	98	75-129	4	20
Toluene	25.00	25.02	100	80-122	2	20
Chlorobenzene	25.00	23.59	94	80-120	4	20

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-123
1,2-Dichloroethane-d4	92	79-134
Toluene-d8	102	80-120
Bromofluorobenzene	93	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Gasoline by GC/MS

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	122728
MSS Lab ID:	193108-001	Sampled:	03/01/07
Matrix:	Water	Received:	03/02/07
Units:	ug/L	Analyzed:	03/06/07
Diln Fac:	1.000		

Type: MS Lab ID: QC377755

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<1.579	125.0	136.1	109	69-137
Isopropyl Ether (DIPE)	<0.04032	25.00	25.13	101	69-120
Ethyl tert-Butyl Ether (ETBE)	<0.07412	25.00	22.36	89	78-127
Methyl tert-Amyl Ether (TAME)	<0.04870	25.00	23.26	93	79-120
1,1-Dichloroethene	<0.09386	25.00	26.36	105	80-139
Benzene	<0.2500	25.00	26.00	104	80-123
Trichloroethene	<0.1151	25.00	25.35	101	75-129
Toluene	<0.1338	25.00	25.43	102	80-122
Chlorobenzene	<0.1569	25.00	24.49	98	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-123
1,2-Dichloroethane-d4	95	79-134
Toluene-d8	103	80-120
Bromofluorobenzene	94	80-122

Type: MSD Lab ID: QC377756

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	133.2	107	69-137	2	20
Isopropyl Ether (DIPE)	25.00	24.87	99	69-120	1	20
Ethyl tert-Butyl Ether (ETBE)	25.00	22.13	89	78-127	1	20
Methyl tert-Amyl Ether (TAME)	25.00	22.84	91	79-120	2	20
1,1-Dichloroethene	25.00	25.89	104	80-139	2	20
Benzene	25.00	25.03	100	80-123	4	20
Trichloroethene	25.00	24.39	98	75-129	4	20
Toluene	25.00	25.02	100	80-122	2	20
Chlorobenzene	25.00	23.59	94	80-120	4	20

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-123
1,2-Dichloroethane-d4	92	79-134
Toluene-d8	102	80-120
Bromofluorobenzene	93	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Volatile Organics

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	EPA 5030B
Project#:	2511	Analysis:	EPA 8260B
Field ID:	ZZZZZZZZZZ	Batch#:	122788
MSS Lab ID:	193066-001	Sampled:	03/01/07
Matrix:	Water	Received:	03/01/07
Units:	ug/L	Analyzed:	03/07/07
Diln Fac:	1.000		

Type: MS Lab ID: QC377880

Analyte	MSS Result	Spiked	Result	%REC	Limits
tert-Butyl Alcohol (TBA)	<1.579	125.0	136.2	109	69-137
Isopropyl Ether (DIPE)	<0.04032	25.00	26.20	105	69-120
Ethyl tert-Butyl Ether (ETBE)	<0.07412	25.00	23.45	94	78-127
Methyl tert-Amyl Ether (TAME)	<0.04870	25.00	23.93	96	79-120
1,1-Dichloroethene	<0.09386	25.00	27.07	108	80-139
Benzene	<0.2500	25.00	26.62	106	80-123
Trichloroethene	0.2331	25.00	26.27	104	75-129
Toluene	<0.1338	25.00	26.21	105	80-122
Chlorobenzene	<0.1569	25.00	25.30	101	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	102	80-123
1,2-Dichloroethane-d4	93	79-134
Toluene-d8	102	80-120
Bromofluorobenzene	92	80-122

Type: MSD Lab ID: QC377881

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
tert-Butyl Alcohol (TBA)	125.0	135.9	109	69-137	0	20
Isopropyl Ether (DIPE)	25.00	25.17	101	69-120	4	20
Ethyl tert-Butyl Ether (ETBE)	25.00	22.18	89	78-127	6	20
Methyl tert-Amyl Ether (TAME)	25.00	23.04	92	79-120	4	20
1,1-Dichloroethene	25.00	25.49	102	80-139	6	20
Benzene	25.00	25.40	102	80-123	5	20
Trichloroethene	25.00	25.26	100	75-129	4	20
Toluene	25.00	25.62	102	80-122	2	20
Chlorobenzene	25.00	24.40	98	80-120	4	20

Surrogate	%REC	Limits
Dibromofluoromethane	99	80-123
1,2-Dichloroethane-d4	93	79-134
Toluene-d8	104	80-120
Bromofluorobenzene	94	80-122

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Dissolved Gasses

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	METHOD
Project#:	2511	Analysis:	RSK-175
Matrix:	Water	Received:	03/02/07
Units:	mg/L		

Field ID:	GW-2	Batch#:	122692
Type:	SAMPLE	Sampled:	02/28/07
Lab ID:	193094-001	Analyzed:	03/05/07
Diln Fac:	1.000		

Analyte	Result	RL
Methane	ND	0.0050
Ethene	ND	0.0050
Ethane	ND	0.0050

Field ID:	GW-3	Batch#:	122692
Type:	SAMPLE	Sampled:	03/01/07
Lab ID:	193094-002	Analyzed:	03/05/07
Diln Fac:	1.000		

Analyte	Result	RL
Methane	ND	0.0050
Ethene	ND	0.0050
Ethane	ND	0.0050

Field ID:	GW-4	Batch#:	122692
Type:	SAMPLE	Sampled:	02/28/07
Lab ID:	193094-003	Analyzed:	03/05/07
Diln Fac:	2.000		

Analyte	Result	RL
Methane	3.9	0.010
Ethene	ND	0.010
Ethane	ND	0.010

Field ID:	MW-11	Batch#:	122692
Type:	SAMPLE	Sampled:	02/28/07
Lab ID:	193094-004	Analyzed:	03/05/07
Diln Fac:	1.000		

Analyte	Result	RL
Methane	ND	0.0050
Ethene	ND	0.0050
Ethane	ND	0.0050

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Dissolved Gasses

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	METHOD
Project#:	2511	Analysis:	RSK-175
Matrix:	Water	Received:	03/02/07
Units:	mg/L		

Field ID:	LFR-1	Batch#:	122692
Type:	SAMPLE	Sampled:	03/01/07
Lab ID:	193094-005	Analyzed:	03/05/07
Diln Fac:	1.000		

Analyte	Result	RL
Methane	ND	0.0050
Ethene	ND	0.0050
Ethane	ND	0.0050

Field ID:	LFR-2	Batch#:	122692
Type:	SAMPLE	Sampled:	02/28/07
Lab ID:	193094-006	Analyzed:	03/05/07
Diln Fac:	5.000		

Analyte	Result	RL
Methane	11	0.025
Ethene	ND	0.025
Ethane	ND	0.025

Field ID:	LFR-3	Batch#:	122692
Type:	SAMPLE	Sampled:	03/01/07
Lab ID:	193094-007	Analyzed:	03/05/07
Diln Fac:	1.000		

Analyte	Result	RL
Methane	ND	0.0050
Ethene	ND	0.0050
Ethane	ND	0.0050

Field ID:	LFR-4	Batch#:	122692
Type:	SAMPLE	Sampled:	03/01/07
Lab ID:	193094-008	Analyzed:	03/05/07
Diln Fac:	2.000		

Analyte	Result	RL
Methane	3.0	0.010
Ethene	ND	0.010
Ethane	ND	0.010

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Dissolved Gasses

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	METHOD
Project#:	2511	Analysis:	RSK-175
Matrix:	Water	Received:	03/02/07
Units:	mg/L		

Field ID:	SOMA-1	Batch#:	122692
Type:	SAMPLE	Sampled:	02/28/07
Lab ID:	193094-009	Analyzed:	03/05/07
Diln Fac:	1.000		

Analyte	Result	RL
Methane	2.5	0.0050
Ethene	ND	0.0050
Ethane	ND	0.0050

Field ID:	SOMA-2	Batch#:	122692
Type:	SAMPLE	Sampled:	03/01/07
Lab ID:	193094-010	Analyzed:	03/05/07
Diln Fac:	5.000		

Analyte	Result	RL
Methane	12	0.025
Ethene	ND	0.025
Ethane	ND	0.025

Field ID:	SOMA-3	Batch#:	122692
Type:	SAMPLE	Sampled:	03/01/07
Lab ID:	193094-011	Analyzed:	03/05/07
Diln Fac:	1.000		

Analyte	Result	RL
Methane	1.4	0.0050
Ethene	ND	0.0050
Ethane	ND	0.0050

Field ID:	SOMA-5	Batch#:	122692
Type:	SAMPLE	Sampled:	03/01/07
Lab ID:	193094-012	Analyzed:	03/05/07
Diln Fac:	5.000		

Analyte	Result	RL
Methane	7.0	0.025
Ethene	ND	0.025
Ethane	ND	0.025

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Dissolved Gasses

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	METHOD
Project#:	2511	Analysis:	RSK-175
Matrix:	Water	Received:	03/02/07
Units:	mg/L		

Field ID:	B-10	Batch#:	122743
Type:	SAMPLE	Sampled:	03/01/07
Lab ID:	193094-013	Analyzed:	03/06/07
Diln Fac:	1.000		

Analyte	Result	RL
Methane	0.25	0.0050
Ethene	ND	0.0050
Ethane	ND	0.0050

Type:	BLANK	Batch#:	122692
Lab ID:	QC377453	Analyzed:	03/05/07
Diln Fac:	1.000		

Analyte	Result	RL
Methane	ND	0.0050
Ethene	ND	0.0050
Ethane	ND	0.0050

Type:	BLANK	Batch#:	122743
Lab ID:	QC377694	Analyzed:	03/06/07
Diln Fac:	1.000		

Analyte	Result	RL
Methane	ND	0.0050
Ethene	ND	0.0050
Ethane	ND	0.0050

ND= Not Detected
RL= Reporting Limit

Curtis & Tompkins, Ltd.

Batch QC Report

Dissolved Gasses

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	METHOD
Project#:	2511	Analysis:	RSK-175
Matrix:	Water	Batch#:	122692
Units:	mg/L	Analyzed:	03/05/07
Diln Fac:	1.000		

Type: BS Lab ID: QC377454

Analyte	Spiked	Result	%REC	Limits
Methane	0.03272	0.02999	92	80-120
Ethene	0.05725	0.05470	96	80-120
Ethane	0.06135	0.05847	95	80-120

Type: BSD Lab ID: QC377455

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Methane	0.03272	0.02775	85	80-120	8	20
Ethene	0.05725	0.05071	89	80-120	8	20
Ethane	0.06135	0.05429	88	80-120	7	20

RPD= Relative Percent Difference

Curtis & Tompkins, Ltd.

Batch QC Report

Dissolved Gasses

Lab #:	193094	Location:	3815 Broadway, Oakland
Client:	SOMA Environmental Engineering Inc.	Prep:	METHOD
Project#:	2511	Analysis:	RSK-175
Matrix:	Water	Batch#:	122743
Units:	mg/L	Analyzed:	03/06/07
Diln Fac:	1.000		

Type: BS Lab ID: QC377695

Analyte	Spiked	Result	%REC	Limits
Methane	0.03272	0.03323	102	80-120
Ethene	0.05725	0.06016	105	80-120
Ethane	0.06135	0.06525	106	80-120

Type: BSD Lab ID: QC377696

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Methane	0.03272	0.02961	90	80-120	12	20
Ethene	0.05725	0.05358	94	80-120	12	20
Ethane	0.06135	0.05807	95	80-120	12	20

RPD= Relative Percent Difference