Foundry/Corporate Office

7825 San Leandro Street
Oakland, CA 94621-2598
510/632-3467
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Los Angeles Service Center

15006 Nelson Avenue
City of Industry, CA 91744-4331
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RECEIVED

3:58 pm, Sep 09, 2010

Alameda County
Environmental Health

September 7, 2010

Mr. Jerry Wickham
Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Subject: Fuel Leak Case No. RO0000092 and Geotracker Global ID T0600100065 Semi-Annual Monitoring Report and Request for Site Closure, AB&I Foundry, 7825 San Leandro Street, Oakland California 94621

Dear Mr. Wickham:

AB&I respectfully submits the attached Semi-Annual Monitoring Report and Request for Site Closure for the AB&I Foundry Site located at 7825 San Leandro Street, Oakland, California.

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

Sincerely,

Dave Robinson
Engineering Manager

Attachment: Semi-Annual Monitoring Report and Request for Site Closure, AB&I Foundry, 7825 San Leandro Street, Oakland, California

QUARTER 1/QUARTER 2 2010 SEMI-ANNUAL MONITORING REPORT AND REQUEST FOR SITE CLOSURE

AB&I Foundry
7825 San Leandro Street
Oakland, California

01-ABI.001

Prepared For:

AB& I Foundry
7825 San Leandro Street
Oakland, California

Prepared By:

THE SOURCE GROUP, INC.
3451-C Vincent Road
Pleasant Hill, California 94523

September 7, 2010

PROFESSIONAL GEOLOGIST
JON R. PHILIPP
No. 7945
STATE OF CALIFORNIA

Prepared By:

Kirsten Duey
Senior Engineer

Reviewed By:

Jon Philipp, P.G., C.Hg.
Senior Hydrogeologist

Kent R. Reynolds
Principal Geologist

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CERTIFICATION

All hydrogeologic and geologic information in this document regarding the AB&I Foundry Site have been prepared under the supervision of and reviewed by the certified professional whose signature appears below.

Jon Philipp, P.G., C.HG.
Senior Hydrogeologist
The Source Group, Inc.

1.0 INTRODUCTION

On behalf of AB&I Foundry (AB&I), The Source Group, Inc. (SGI) has prepared this July 2010 Semi-Annual Monitoring and Request for Site Closure (Report) for the AB&I Foundry Site located at 7825 San Leandro Street in Oakland, Calfornia (Figure 1; Site). This Report was prepared for submittal to the Alameda County Environmental Health Department (ACEH). It presents the results of quarter 1 and quarter 2, 2010 semi-annual monitoring activities as required in the ACEH letter dated March 2, 2010. In addition, this report is a formal request for Site closure. Monitoring results have confirmed the effectiveness of past remedial efforts and results indicate that the residual petroleum and VOC impacts remaining do not pose any risk to human health or the environment, based on the current land use. It is proposed that the residual impacts in soil and groundwater be addressed through preparation of a risk management plan and deed restriction.

2.0 BACKGROUND

The Site is located at 7825 San Leandro Street, east of the intersection with 77th Avenue, in a light industrial area of Oakland (Figures 1 and 2). The Site is bounded by commercial/industrial properties to the north, south, east, and west. Union Pacific Railroad is located immediately adjacent to and west of the Site. Oakland Truck Stop is located immediately adjacent to and east of the Site. Elmhurst Creek is located along the southeast corner of the property (Figure 2). San Leandro Bay is located approximately one mile west of the Site.

AB&I have been operating at the Site location since at least 1930 (BSK Associates [BSK], 1993). Business activities include the manufacture of cast pipe and fittings. The facility accepts scrap iron and steel, which it stockpiles on-site, and uses during manufacturing activities. The Site encompasses an area of approximately 11.8 acres and contains various warehouses, manufacturing and office buildings. The entire Site is covered with buildings and asphalt/concrete pavement. Seven underground storage tanks (USTs) were previously located on the Site, including one 8,000-gallon UST used for storing unleaded gasoline, one 8,000-gallon UST used for the storage of mineral spirits and later 1,1,1-trichloroethane (1,1,1-TCA), one 550-gallon UST used for storing regular leaded gasoline, one 10,000-gallon UST used for storing diesel, and three 10,000-gallon USTs used for storing gasoline. All UST have been removed from the Site. UST removal activities were initiated in 1982 and completed in the early 1990s.

2.1 Historical Investigations

Initial site assessment activities began in 1991 as part of the facility's UST removal program. The USTs removed consisted of:

- three 10,000-gallon tanks used for storing gasoline (removed 1982/1983);
- one 8,000-gallon tank used for storing unleaded gasoline (removed 1991);
- one 8,000-gallon tank initially used for storing mineral spirits and later for storing 1,1,1-trichloroethane (removed 1991); and
- one 10,000-gallon tank used for storing diesel fuel (removed 1992).

Removal of the tanks, with the exception of the three 10,000-gallon gasoline USTs were provided in UST closure reports. Locations of the former USTs are included on Figure 2.

In July/August 2006, a soil and groundwater assessment was conducted as part of a property transfer. The assessment consisted of sampling three existing monitoring wells (MW-1, MW-3, and MW-4); abandoning damaged well MW-2; and installing and sampling six new groundwater monitoring wells (MW-2R, and MW-5 through MW-9). Soil samples were collected at various

depth intervals during the installation of monitoring wells MW-5, MW-6, MW-7, and MW-8. Results of the assessment were presented in the Preliminary Groundwater Investigation Report (BSK, 2007).

In response to request from ACEH, additional groundwater and soil vapor investigations were conducted in 2007 and 2008. These investigations included the investigation of shallow groundwater (less than 30 feet below ground surface [bgs]) and deep groundwater (greater than 30 feet bgs), and the collection of soil vapor samples. The results of these investigations indicated that shallow groundwater in the vicinity of the Parking Lot Area (located in the vicinity and northwest of well MW-8; Figure 2) was impacted with chlorinated VOCs, including 1,1,1-TCA, 1,1-dichloroethane (1,1-DCA), 1,1-dichloroethene (1,1-DCE), chloroethane, cis-and trans-1,2-dichloroethene (1,2-DCE), and vinyl chloride. Shallow groundwater in the vicinity of the Former Three 10,000 Gallon USTs Area (located in the vicinity of well MW-9) was impacted with petroleum fuels including benzene, toluene, ethylbenzene and xylenes (BTEX), total petroleum hydrocarbons as gasoline (TPHg), and total petroleum hydrocarbons as diesel (TPHd). Results of the soil vapor analysis indicated that isolated soil gas samples had indoor air vapor intrusion environmental screening level (ESL) exceedences for benzene, ethylbenzene, vinyl chloride and tetrachloroethene (PCE) under the commercial land use scenario. A site specific risk assessment was conducted and results concluded that the risks posed by soil vapors were acceptable and did not require further action. Further details can be found in SGI's reports titled, "Site Investigation Report" and "Additional Site Investigation Report" (SGI 2008a; SGI 2008b). ACEH concurred with the report conclusions in a letter dated May 20, 2009.

In order to address residual petroleum hydrocarbons and VOCs in groundwater, in June 2009, enhanced anaerobic biodegradation (EAnB) injections occurred at the Site beneath the parking lot area (near MW-3 and MW-8) and aerobic biodegradation (EAB) injections occurred near the former three 10,000 gallon USTs (near MW-9). Additional details regarding the injections are provided in Sections 4 and 5 of this report. Since that time, groundwater monitoring has occurred to monitor the progress of bioremediation in the subsurface.

2.2 Hydrogeological Setting

The Site is located near the San Francisco Bay within an area identified as the East Bay Plain. The East Bay Plain is situated on the east side of the San Francisco Bay depression. The alluvial sediments of the East Bay Plain consist of a mixture of gravel, sand and clay deposited by coalescing alluvial fans. In the vicinity of the Site, fluvial and near shore deposits have been mapped (Helley et. al., 1979). The fluvial deposits are described as unconsolidated, moderately sorted, fine sand and silt, with clayey silt and occasional thin beds of coarse sand (Muir, 1993). The near-shore deposits are described as a well-sorted, fine to medium grained sand and silt, with lenses of sandy clay and clay. Regional groundwater flow in the vicinity of the Site is interpreted to be towards the west - southwest toward San Leandro Bay.

The Site is underlain by a mixture of sandy/silty clay to a depth of at least 20-feet bgs. Groundwater has been encountered in borings and excavations at depths ranging from 8 to 12-feet bgs at the Site. Groundwater monitoring data from on-site monitoring wells generally flows to the northwest at a gradient of approximately 0.006 feet per foot (ft/ft); (SGI 2009a).

Based on the Water Quality Control Plan for the San Francisco Bay Basin (Basin Plan) (RWQCB, 1995), groundwater beneath the site is part of the East Bay Plain basin, which has beneficial uses for municipal and domestic drinking water supply, industrial process and service water supply, and agricultural water supply. That said, East Bay Municipal Utility District (EBMUD) provides water for these uses to the site and vicinity from Sierra-fed surface-water sources. Development of the shallow water-bearing zones beneath the site for beneficial uses is remote due to uneconomically low, sustainable well yields, and the presence of regional contamination (e.g., coliform from leaking sanitary sewer lines, unrelated chemical plumes), and presence of more productive water-bearing zones at depth (RWQCB, 1999). In addition, State regulations require sealing of at least the upper 50 feet of subsurface for public/industrial water supply wells (Department of Water Resources, 1991).

3.0 SEMI-ANNUAL MONITORING ACTIVITIES

Monitoring of all nine wells (MW-1, MW-2R, and MW-3 through MW-9) was conducted on July 9, 2010. Monitoring activities included water level gauging and groundwater sampling. Wells in enhanced bioremediation areas (MW-3, MW-8, and MW-9) were additionally sampled on April 9, 2010.

3.1 Monitoring Well Inspection and Gauging

Upon arrival at the Site the wells were located, inspected, and judged to be secure and in good condition. The wells were then gauged for depth to water and total well depth using an electronic water level meter. The water level meter was properly decontaminated between successive wells. Well gauging data are provided in Table 1.

3.2 Groundwater Sampling

Prior to sampling, the wells were purged using low-flow (i.e., low stress) procedures. Purging and sampling was performed using a peristaltic pump with dedicated tubing. During purging, water quality parameters including pH, temperature, electric conductivity (EC), oxidation-reduction potential (ORP), and dissolved oxygen (DO) were monitored to ensure that groundwater representative of the aquifer was entering the well. Convergence of these parameters on successive measurements was used as an indicator that the wells had been adequately purged. Copies of the Monitoring Well Purging/Sampling Field Forms are included in Appendix A.

All nine wells were sampled on July 8 through 9, 2010. Wells MW-3, MW-8, and MW-9 were additionally sampled on April 9, 2010. Groundwater samples were collected in laboratory-supplied containers, appropriate for the specified analysis. All containers were capped, labeled, placed on ice, and transported under chain-of-custody to Advanced Technology Laboratories (ATL), located in Signal Hill, California, for analysis of VOCs using EPA Method 8260B and TPHg and TPHd using EPA Method 8015M. In addition, samples collected from wells MW-3 and MW-8 were analyzed for total organic carbon (TOC) using method SM5310B and methane, ethane, and ethene using method RSK-175. During the July sampling event, a field duplicate sample was collected from MW-8. An equipment blank and trip blank, analyzed for VOCs as a quality control measure, were also submitted to ATL. A copy of the laboratory analytical report is included as Appendix B.

3.3 Decontamination and Disposal Procedures

All non-dedicated or non-disposable sampling equipment was decontaminated using a triple-rinse method consisting of successive rinses of Alconox soap and de-ionized water. Rinsate and purge

water were staged on-site in properly labeled Department of Transportation approved 55-gallon drums pending waste characterization and appropriate disposal.

3.4 July 2010 Semi-Annual Monitoring Results

3.4.1 Groundwater Flow

Groundwater elevation measurements were calculated by measuring the depth to water in the wells relative to the top of the well casing then subtracting the depth to water from the elevation of the well. Groundwater elevations in wells during the July 2010 semi-annual monitoring event ranged from 2.27 feet above mean sea level (msl) in well MW-6 to 4.11 feet above msl in well MW-7 (Table 1). As shown on Figure 3, estimated groundwater flow direction during the semi-annual monitoring event was generally to the northwest at a hydraulic gradient ranging between 0.002 to 0.008 feet/foot. The groundwater flow direction and gradient are generally consistent with past monitoring events.

3.4.2 Groundwater Analytical Results

Concentrations of chlorinated VOCs and TPH detected during the July 2010 monitoring event in wells outside of the enhanced biodegradation area (MW-1, MW-2R, MW-4, MW-5, MW-6, and MW-7) were generally within historic ranges. None of these wells contained constituents with concentrations above California EPA Department of Health Services maximum concentration levels for drinking water (MCLs). Wells MW-3 and MW-8, located in the enhanced anaerobic biodegradation areas continued to exhibit decreasing VOC trends. Concentrations in well MW-9 contained stable to decreasing TPHd and BTEX concentrations. Figures 4 and 5 show the groundwater analytical results for petroleum constituents and chlorinated VOCs, respectively. A summary of analytical results is included in Table 2. A summary of historical concentrations is included as Appendix C.

4.0 ENHANCED ANAEROBIC BIODEGRADATION ACTIVITIES

EAnB injections were implemented at the Site beneath the parking lot area (near MW-3 and MW-8) in June 2009. The EAnB injection program consisted of injecting EOS® with a vitamin B-12 supplement to stimulate biodegradation. EOS® is a food-grade vegetable oil that serves as a slow-release carbon source to promote microbial activity and growth. The B-12 supplement, consisting of vitamin B-12, acetate, and extracts of mixed microbial cultures, provides a fast-release carbon source to establish enhanced anaerobic conditions. A total of 5,475 gallons of EOS® was injected to depths of 5 to 20 feet bgs using 15 direct-push injection points (PL-1 through PL-15). Figure 4 includes locations of the EAnB injection locations. Details of the injection event were presented in the May 2009 Semi-Annual Monitoring and Enhanced Anaerobic Biodegradation Pilot Study Report (SGI, 2009c).

4.1 Onsite Remediation Effectiveness Groundwater Sampling

In April and July, 2010, groundwater samples were collected from wells MW-3 and MW-8 located in the EAnB injection areas to monitor remediation effectiveness. VOC concentration trends are the primary indicator of EAnB effectiveness. Under anaerobic conditions, the breakdown pathway for the chemicals of concern at the Site are illustrated as follows:

- 1,1,1-TCA → 1,1-DCA → Chloroethane → Ethane/Methane; and
- 1,1,1-TCA → 1,1-DCE → Vinyl Chloride → Ethene.

EAnB is initially exhibited by decreasing parent VOC (1,1,1-TCA, 1,1-DCA, and 1,1-DCE) concentrations and temporary increasing daughter products (chlorethane, vinyl chloride and methane/ethene). As parent VOCs are depleted, daughter product concentrations will generally stabilize and subsequently decline.

Total organic carbon (TOC) was analyzed at each location to evaluate the presence and depletion of EOS® in the subsurface. As the EOS® is consumed by bacteria during the degradation process, TOC will drop to background levels (generally less than 10 milligrams per liter)

4.1.1 Onsite Remediation Effectiveness Results

Analytical results for groundwater EAnB remedial effectiveness samples are presented in Table 3. In addition, trend charts are provided as Figures 6 and 7. Consistent with previous findings, the monitoring results indicate biodegradation is occurring in groundwater beneath the injection areas. In brief, the monitoring results indicate the following:

- Well MW-3 (Figure 6): In response to EAnB injections, VOC concentrations have been reduced by approximately 90%. Parent products (1,1-DCA and 1,1-DCE) have decreased

significantly to levels that are below MCLs. Daughter product concentrations, which initially increased following EAnB injections, have subsequently decreased and are continuing to show a declining trend. Only vinyl chloride remains present at levels above MCLs. During the most recent sampling event, vinyl chloride was detected at 1.1 micrograms per liter (µg/L), compared to the MCL of 0.5 µg/L.

- Well MW-8 (Figure 7): In response to EAnB injections, VOC concentrations have been reduced by approximately 70%. Following the injection event, parent products (1,1,1-TCA, 1,1-DCA and 1,1-DCE) decreased and a temporary increase of daughter products (chloroethane, methane, vinyl chloride, and ethene) was observed. Concentrations of daughter products have subsequently decreased. 1,1-DCA, vinyl chloride, and benzene are the only constituents that remain above MCLs. During the most recent sampling event, 1,1-DCA, vinyl chloride and benzene were detected at 18 µg/L, 2.9 µg/L, and 2.4 µg/L, respectively.

5.0 ENHANCED AEROBIC BIODEGRADATION ACTIVITIES

EAB injections were implemented at the Site near the former three 10,000 gallon USTs (near MW-9) in June 2009. The EAB injection program consisted of injecting Oxygen Releasing Compound (ORC) and Regenox solution (ORC/Regenox), both of which are manufactured by Regenesis, into the affected groundwater unit. A total of 2,018 gallons ORC/Regenox were injected to depths of 5 to 20 feet bgs using nine direct-push injection points (WH-1 through WH-9). Figure 4 includes the locations of EAB injection locations. Details of the injection event were presented in the Enhanced Aerobic Biodegradation Pilot Study Report – Former Three 10,000-Gallon USTs Area (SGI, 2009d).

5.1 Onsite Remediation Effectiveness Groundwater Sampling and Results

During June 2010, groundwater samples were collected from well MW-9 located in the EAB injection area to monitor remediation effectiveness. TPH and VOC concentration trends are the primary indicator of EAB effectiveness. Analytical results for groundwater remedial effectiveness samples are presented in Table 4 and Figure 8. Data collected since EAB injection activities in June, 2009 suggest that ORC/Regenox was initially effective at reducing benzene and toluene concentrations at the Site, but some rebounding has occurred. Benzene is the only consistent that remains above MCLs, and was most recently detected at 100 µg/l.

6.0 COMPARISON OF GROUNDWATER DATA TO ENVIRONMENTAL SCREENING LEVELS

The CRWQCB has developed environmental screening levels (ESLs) to address environmental protection goals presented in the Water Quality Control Plan for the San Francisco Bay Basin (RWQCB 2006). Goals for screening levels and their applicability to the AB&I Foundry Site are summarized in the following table:

ESL Goal	Notes	Applicability
Protection of drinking water resources	There are no known active domestic water supply wells or pumping from shallow aquifers within a 1-mile radius of the Site.	Drinking water goals are not applicable
Protection of aquatic habitats	The nearest surface water body is Elmhurst Creek, which bounds the southern, upgradient edge of the Site. Elmhurst Creek is channeled through urban areas and drains stormwater toward San Leandro Bay (approximately 1 mile from the Site). The nearest wildlife refuge (Don Edwards) is approximately 30 miles southeast of the Site.	Aquatic habitat goals are not applicable
Protection against vapor intrusion into buildings	The site is currently developed with commercial buildings where vapor intrusion into indoor air from the subsurface may occur.	Vapor intrusion goals for commercial land use are applicable
Protection against adverse nuisance conditions (taste and odor thresholds)	Groundwater beneath the Site is not used for drinking water or other beneficial use, and leaching to potable groundwater aquifers is not a complete pathway.	Nuisance condition goals (taste and odor thresholds) are not applicable.

The only ESL which applies to groundwater beneath the AB&I Foundry Site is the ESL for vapor intrusion into indoor air. ESL vapor intrusion numbers are included on the analytical data tables

(Tables 2, 3, 4, C2, and C3) and were compared with site data. Currently, none of the wells contain VOC concentrations at levels that exceed the ESLs for vapor intrusion. Historical data which exceeded vapor intrusion ESLs are shaded in grey. Only two wells have historically contained VOC concentrations at levels that exceed vapor intrusion ESLs (vinyl chloride in MW-3 and vinyl chloride in well MW-8). Concentrations in both of these wells have decreased to levels that are below ESLs as a result of the 2009 EOS® injections.

7.0 CONCLUSIONS AND RECOMMENDATIONS

In the letter dated March 2, 2010, Alameda County concurred that no further active remediation is required at the Site at this time. The County requested continued groundwater monitoring of wells MW-3, MW-8, and MW-9 to confirm the effectiveness of enhanced biodegradation. Additional monitoring of these wells occurred in April and June, 2010. Based on the recent and historical monitoring results, SGI maintains that with the development of a Site Management Plan and deed restriction for the Site, no further action is warranted and the Site may be closed based on low risk. Site Closure is warranted based on the following rationale:

- All sources have been removed from the Site. The seven underground storage tanks (USTs) were removed between 1982 and the early 1990s. No other known sources are present at the facility.
- Impacts to soil gas are low and not present at levels which warrant remediation or monitoring. A risk assessment was completed and results indicated that concentrations are present at levels that are acceptable and within the USEPA acceptable risk range. Results of soil gas sampling activities and risk assessment were presented in the Supplemental Soil Vapor Investigation Report (SGI, 2009b) and approved in the ACEH letter dated May 20, 2009.
- Groundwater monitoring has occurred at the site since 1993 and a review of the data indicates stable to declining groundwater VOC and petroleum hydrocarbon concentrations. Over the last 3 years VOC concentrations in all but three monitoring wells have been below MCLs. Bioremediation substrates were injected into the three MCL exceedance areas in 2009 and monitoring results indicated stable to declining concentrations, as summarized below.
    - Well MW-3 – Chlorinated VOCs in groundwater in the vicinity of MW-3 have historically exceeded MCLs. The only constituent which has historically exceeded vapor intrusion ESLs is vinyl chloride. In June 2009, EOS® was injected into the area (Figure 5) to promote biodegradation of VOCs. Since that time, VOC concentrations have been reduced by approximately 90% with only vinyl chloride remaining slightly above MCLs. Vinyl chloride is a daughter product of the biodegradation process. Figure 6 provides the chlorinated VOC trends in MW-3. Following the injection event, parent products (1,1-DCA and 1,1-DCE) decreased and a temporary increase of daughter products (chloroethane, methane, vinyl chloride, and ethene) was observed. Monitoring activities have confirmed that daughter products are continuing to decrease over time, are well below ESLs for vapor intrusion (Table C-3), and have reached or are approaching MCL concentrations. No futher remediation or monitoring is warranted at this location.

- Well MW-8 - VOCs in groundwater in the vicinity of MW-8 have historically exceeded MCLs. In addition, 1,1-DCA and vinyl chloride have historically exceeded vapor intrusion ESLs. In June 2009, EOS® was injected into the area (Figure 5) to promote biodegradation of VOCs. Since that time, VOC concentrations have been reduced by approximately 70% with all constituents decreasing to below vapor intrusion ESLs. 1,1-DCA, vinyl chloride, and benzene remain above MCLs. Figure 7 provides the chlorinated VOC trends in MW-8. Following the injection event, parent products (1,1,1-TCA, 1,1-DCA and 1,1-DCE) decreased and a temporary increase of daughter products (chloroethane, methane, vinyl chloride, and ethene) was observed. Monitoring activities have confirmed that daughter products are continuing to decrease over time, are well below vapor intrusion ESLs (Table C-3), and are approaching MCL concentrations. No futher remediation or monitoring is warranted at this location.
- Well MW-9 – The only constituent in well MW-9 that has historically exceeded MCLs is benzene. All constituents have consistently been below vapor intrusion ESLs. In June 2009, approximately 2,018 gallons of ORC/Regenox were injected into the area (Figure 4) to promote biodegradation of petroleum constituents. Since that time, benzene concentrations have been reduced by approximately 40%. Although recent monitoring activities have indicated a rebound in benzene and TPH concentrations, benzene and TPH concentrations in downgradient wells (MW-4, MW-2R and MW-5) are below laboratory detection limits, indicating that the relatively low residual impacts are isolated to the area in the vicinity of MW-9. No futher remediation or monitoring is warranted at this location.

SGI proposes that the residual impacts in soil and groundwater be addressed through preparation of a risk management plan and deed restriction. The risk management plan will be developed to govern future intrusive work at the Site. It will be used by parties involved in future redevelopment and/or intrusive work such as soil excavation, trenching, new construction, grading, and utility repair. In addition, a deed restriction be implemented as part of Site closure. The deed restriction will specify that the area of soil and groundwater impact would limit the Site to commercial use. It will prohibit the use of shallow groundwater as a source of drinking water, residential uses, daycares, playgrounds, schools, and hospitals. The deed restriction would follow a format acceptable to ACEH and run with the land indefinitely.

8.0 REFERENCES

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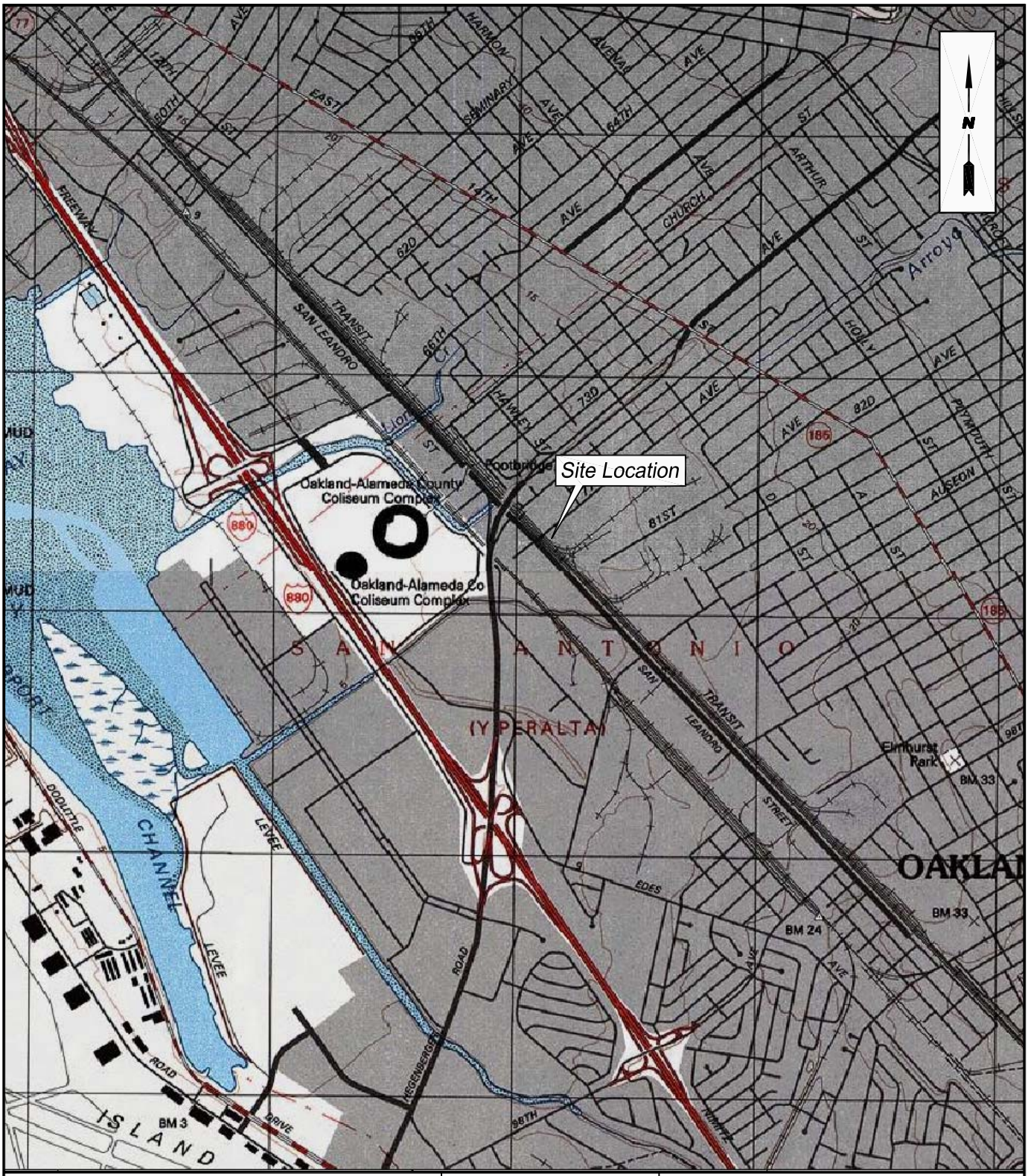
FIGURES



THE SOURCE GROUP, INC.
environmental

3451-C VINCENT ROAD
PLEASANT HILL, CA 94523

SOURCE: U.S.G.S. 7.5' QUAD SHEET
OAKLAND EAST, CALIFORNIA
PHOTOREVISED 1997

SCALE: 0 FEET 2000 SCALE

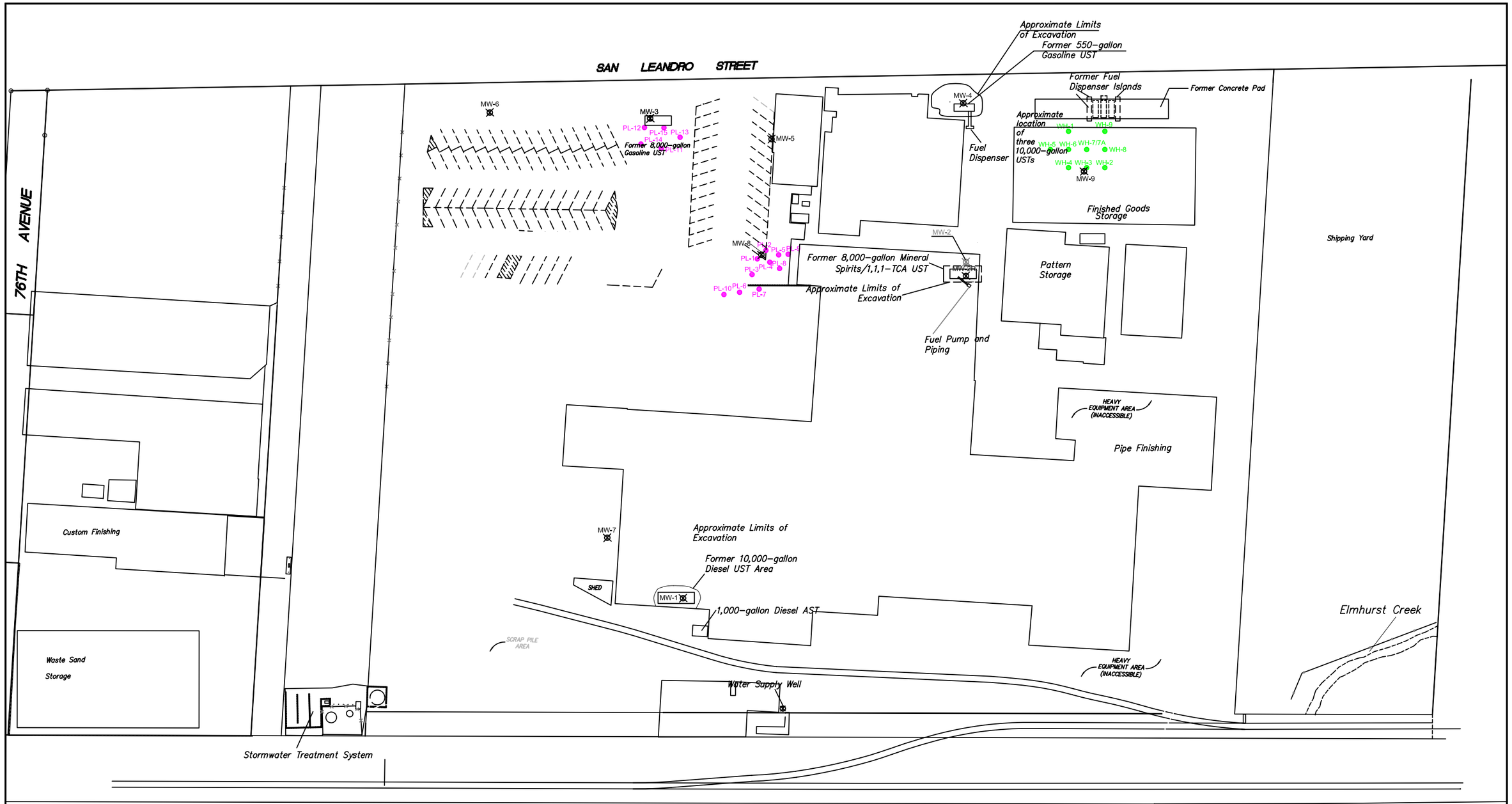
SITE LOCATION MAP

CLIENT: AB&I FOUNDRY

DATE: 6/27/07

LOCATION: 7825 San Leandro Street
Oakland, California

FIGURE: 1



LEGEND

MW-2R	Existing Monitoring Well Location (BSK, 1993, 2006)
MW-2	Abandoned Monitoring Well (BSK, 2006)
UST	Underground Storage Tank
PL-10	June 2009 EAB Injection Location
PL-13	June 2009 EAnB Injection Location

AB&I FOUNDRY
7825 SAN LEANDRO STREET
OAKLAND, CALIFORNIA

PROJECT NO.	DATE	DRAWN BY:	APP. BY:
01-ABI-001	08/30/2010	ZA	KD

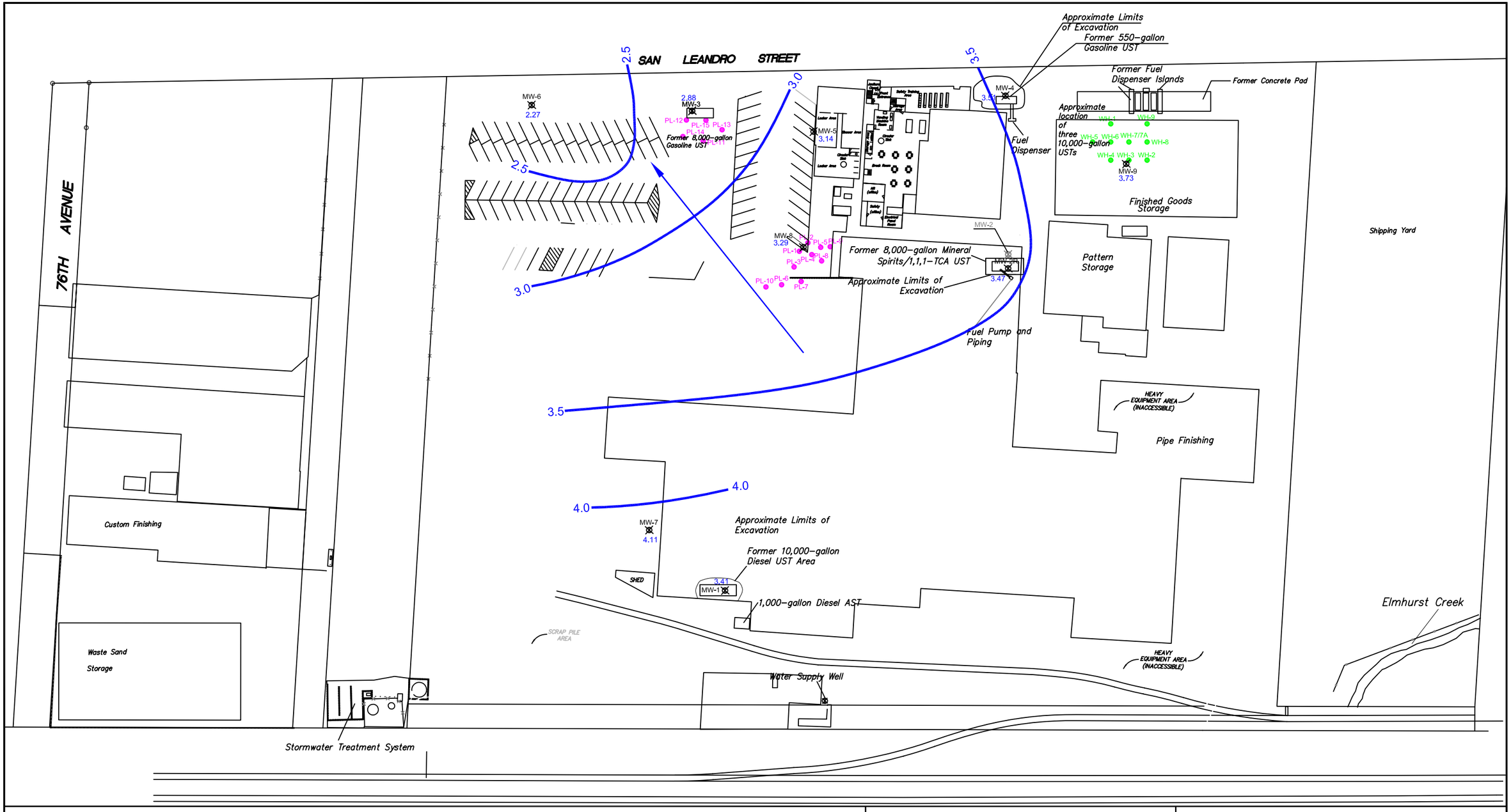
0 80 160
HORIZONTAL SCALE IN FEET

SITE PLAN

SGI environmental
THE SOURCE GROUP, INC.
3451-C VINCENT ROAD
PLEASANT HILL, CA 94523

N

FIGURE 2



LEGEND

MW-2R	Existing Monitoring Well Location (BSK, 1993, 2006)
MW-2	Abandoned Monitoring Well (BSK, 2006)
UST	Underground Storage Tank
PL-10	June 2009 EAB Injection Location
PL-13	June 2009 EAnB Injection Location
2.5 — 2.5	Groundwater Elevation Contour (in feet above mean sea level)
→	Groundwater Flow Direction

AB&I FOUNDRY
7825 SAN LEANDRO STREET
OAKLAND, CALIFORNIA

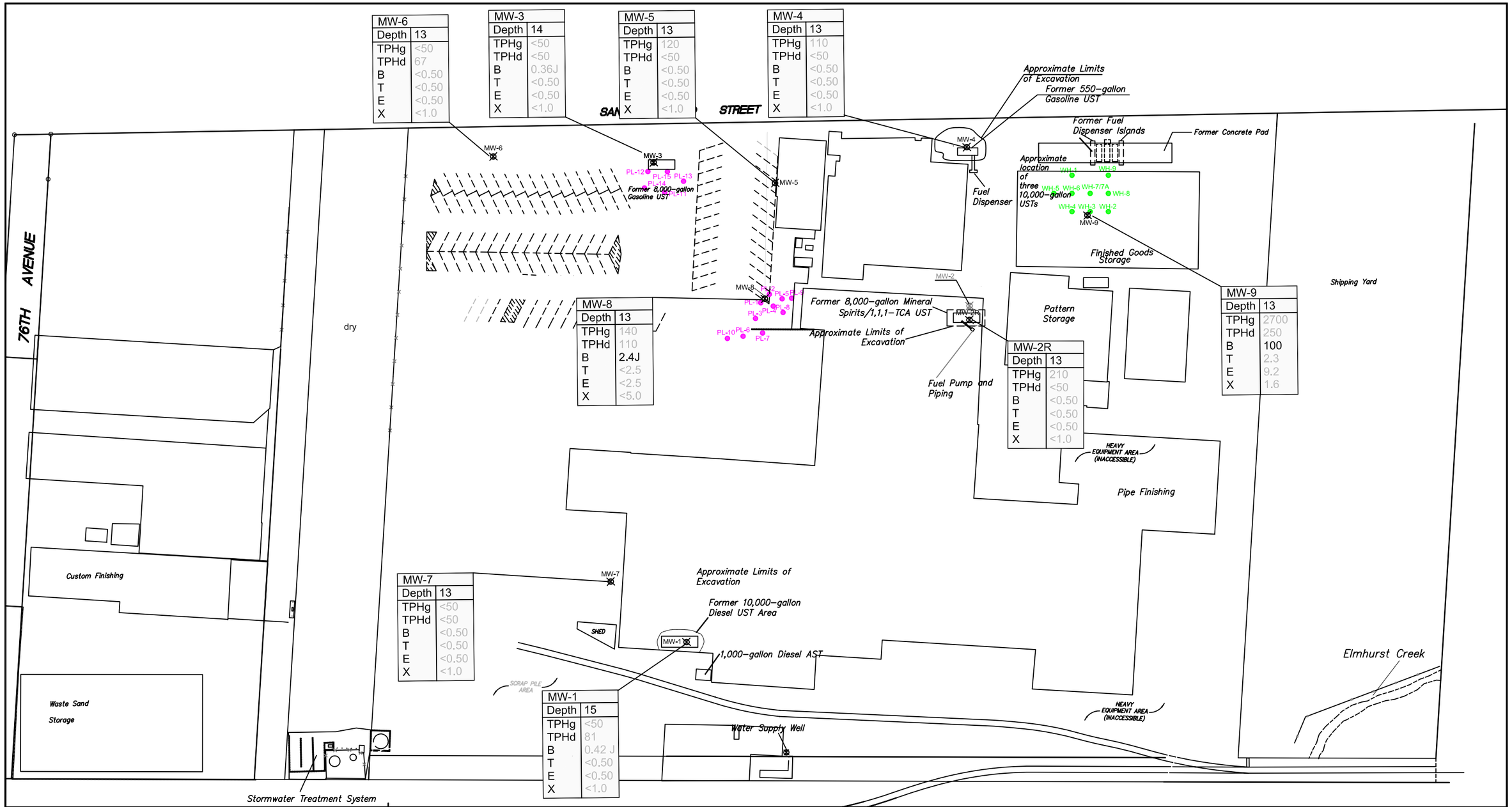
PROJECT NO.	DATE	DRAWN BY:	APP. BY:
01-ABI-001	08/24/2010	ZA	KD

0 80 160
HORIZONTAL SCALE IN FEET

POTENTOMETRIC SURFACE MAP
JULY 8, 2010

SGI environmental
THE SOURCE GROUP, INC.
3451-C VINCENT ROAD
PLEASANT HILL, CA 94523

FIGURE 3



LEGEND

MW-1	Boring ID
Depth	Depth in feet below ground surface
TPHg	Total Petroleum Hydrocarbons as Gasoline
TPHd	Total Petroleum Hydrocarbons as Diesel
B	Benzene
T	Toluene
E	Ethylbenzene
X	Xylene
<0.5	Not Detected at or above the laboratory Practical Quntitation Limit (PQL) of <0.50 ug/l)

*1200	Reported TPHg concentrations include chlorinated solvents in the gasoline range.
MW-2R	Existing Monitoring Well Location (BSK, 1993, 2006)
MW-2	Abandoned Monitoring Well (BSK, 2006)
PL-13	June 2009 EAnB Injection Location
PL-10	June 2009 EAB Injection Location

NOTES:
1. Concentrations reported in micrograms per liter (ug/l)
2. Concentrations in bold exceed MCLs

AB&I FOUNDRY
7825 SAN LEANDRO STREET
OAKLAND, CALIFORNIA

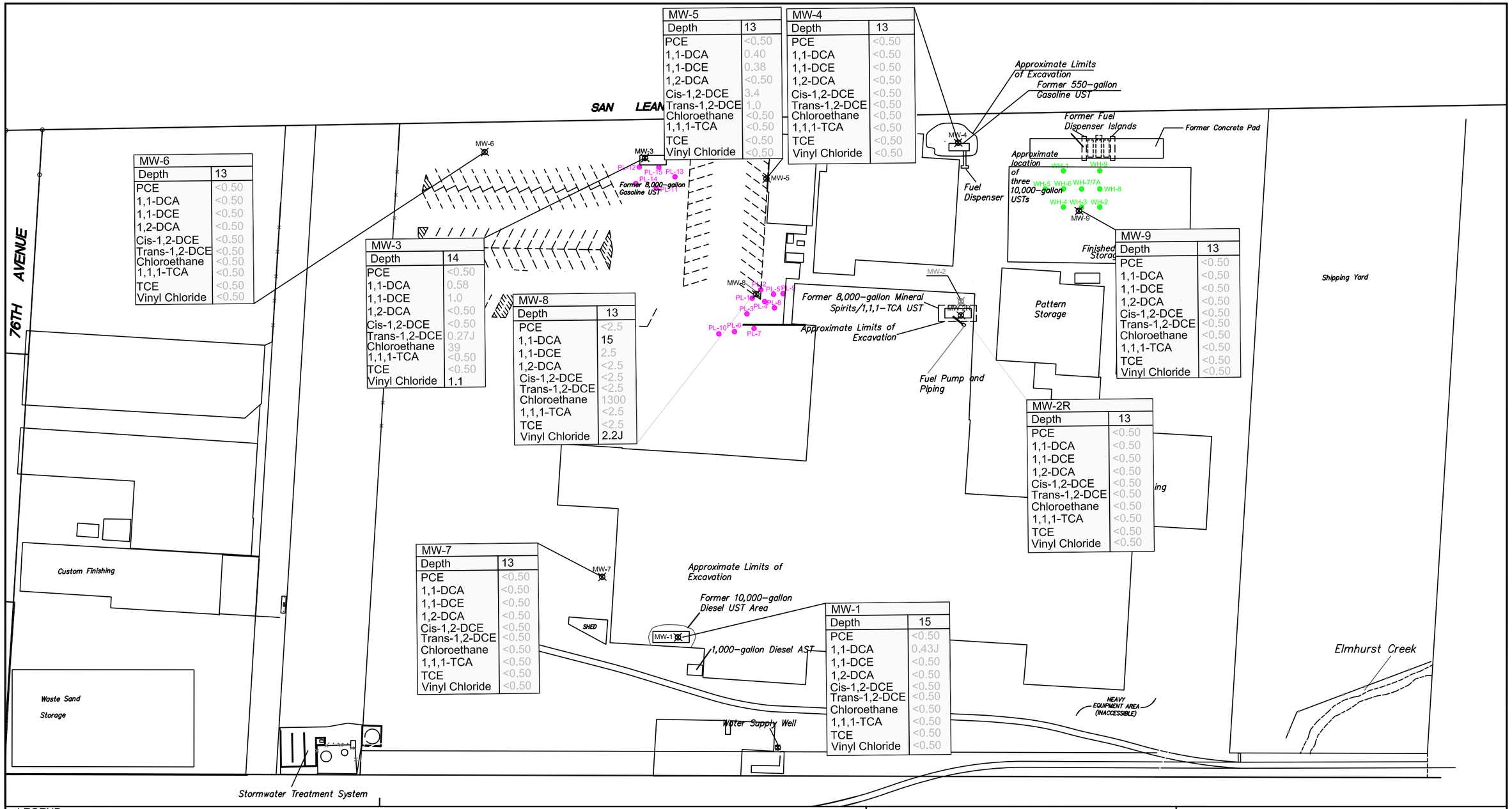
PROJECT NO.	DATE	DRAWN BY:	APP. BY:
01-ABI-001	02/24/2010	ZA	KD

0 80 160
HORIZONTAL SCALE IN FEET

GROUNDWATER ANALYTICAL RESULTS -TPHg, TPHd, and BTEX- JULY 2010

SGI environmental
THE SOURCE GROUP, INC.
3451-C VINCENT ROAD
PLEASANT HILL, CA 94523

FIGURE 4



LEGEND

MW-2R	Boring ID
Depth	Depth in feet below ground surface
PCE	Tetrachlorethene
1,1-DCA	1,1-dichloroethane
1,1-DCE	1,1-dichloroethene
1,2-DCA	1,2 Dichloroethene
Cis-1,2-DCE	Cis-1,2-dichloroethene
Trans-1,2-DCE	Trans-1,2-dichloroethene
Chloroethane	Chloroethane
1,1,1-TCA	1,1,1-trichloroethane
TCE	Trichloroethene
Vinyl Chloride	Vinyl Chloride

<0.5	Not Detected at or above the laboratory Practical Quntitation Limit (PQL) of <0.50 ug/l)
MW-2R	Existing Monitoring Well Location (BSK, 1993, 2006)
MW-2	Abandoned Monitoring Well (BSK, 2006)
PL-10	June 2009 EAB Injection Location
PL-13	June 2009 EAnB Injection Location

NOTES:
1. Concentrations reported in micrograms per liter (ug/l)
2. Concentrations in bold exceed MCLs

AB&I FOUNDRY
7825 SAN LEANDRO STREET
OAKLAND, CALIFORNIA

PROJECT NO.	DATE	DRAWN BY:	APP. BY:
01-ABI-001	08/24/2010	ZA	KD

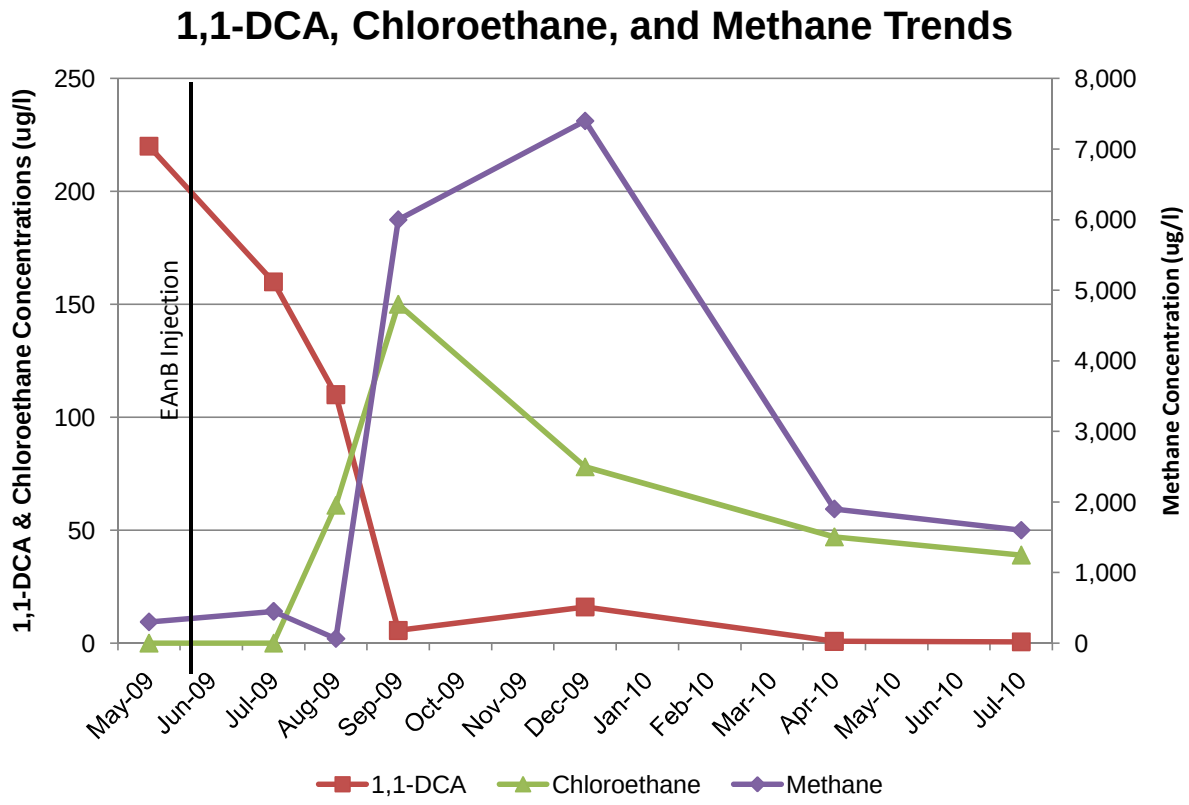
0 80 160
HORIZONTAL SCALE IN FEET

GROUNDWATER ANALYTICAL RESULTS -CHLORINATED VOCs- JULY 2010

SGI environmental
THE SOURCE GROUP, INC.
3451-C VINCENT ROAD
PLEASANT HILL, CA 94523

FIGURE 5

Figure 6
EAnB Effectiveness Results: MW-3



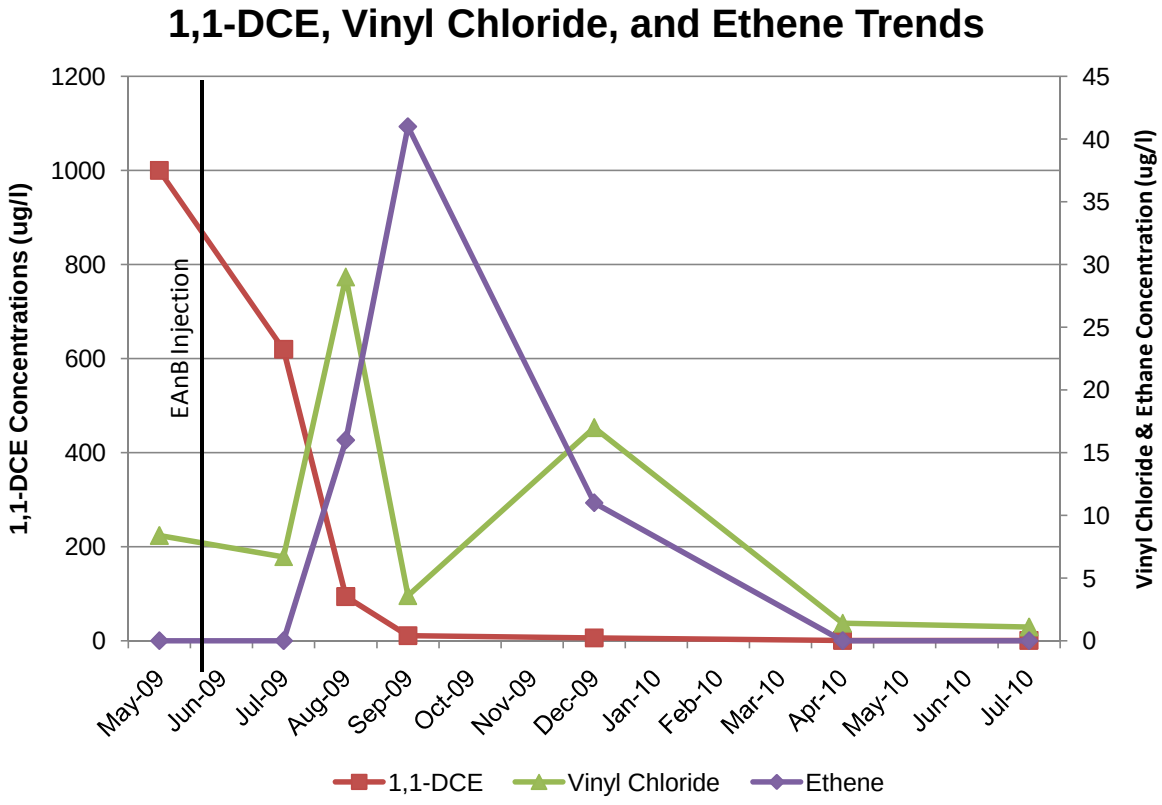
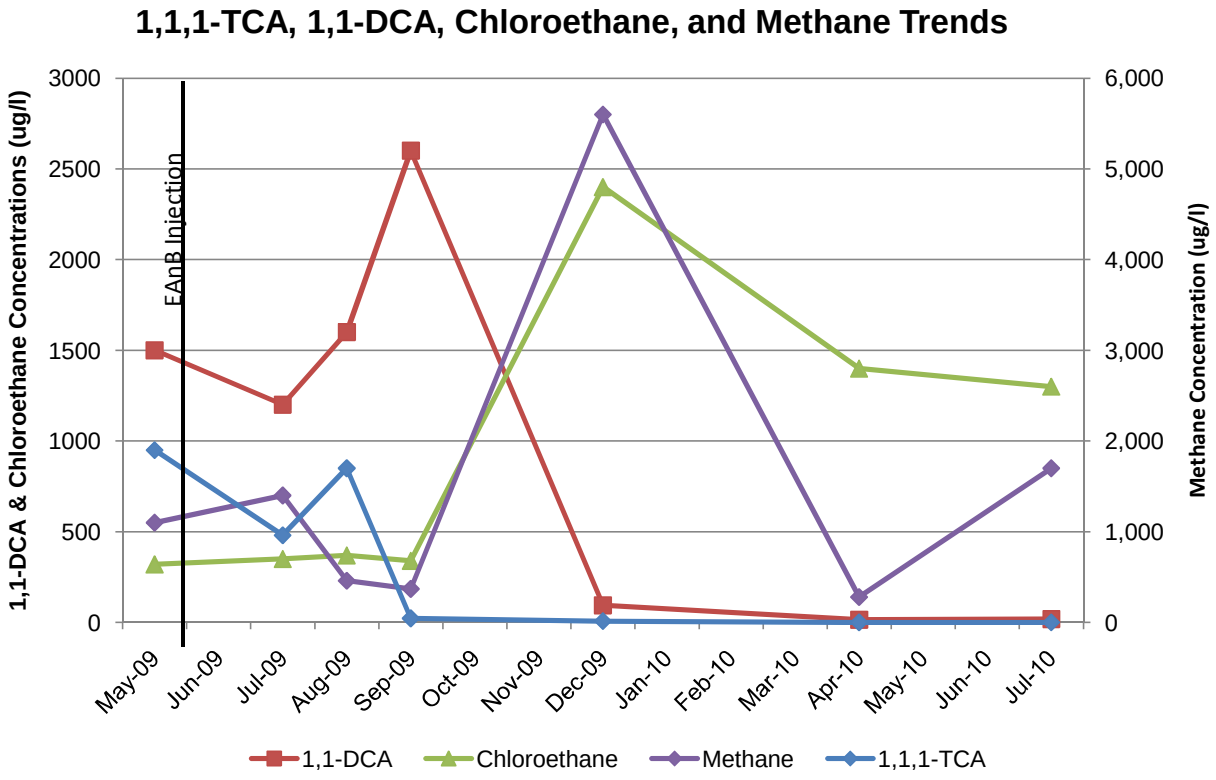


Figure 7
EAnB Effectiveness Results: MW-8



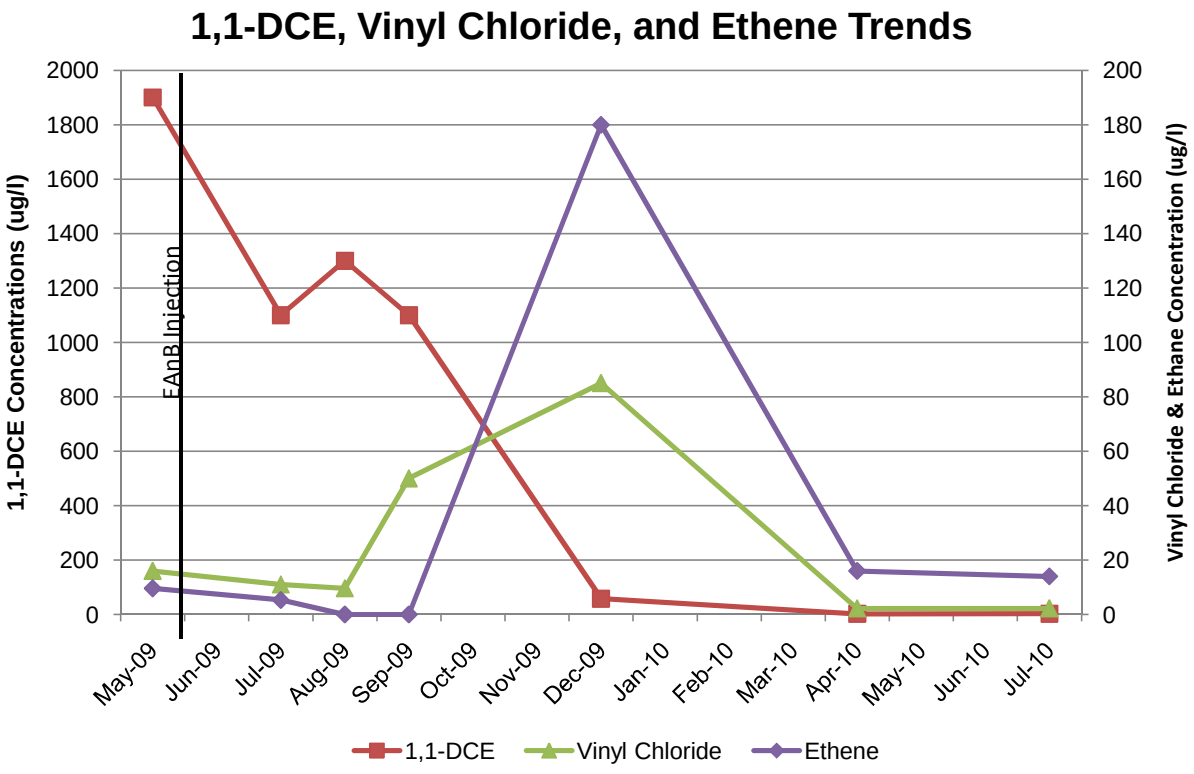
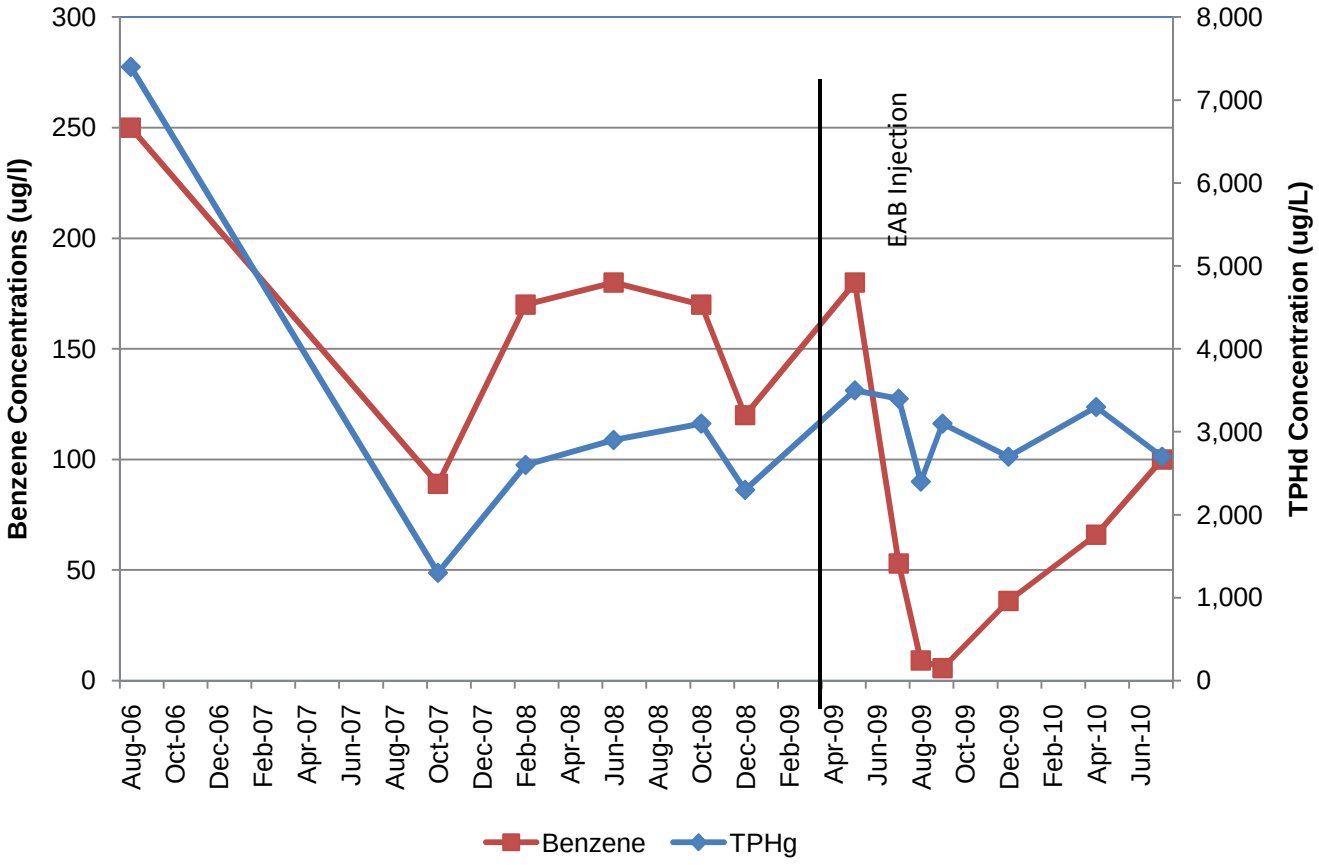


Figure 8
Benzene and TPHg Concentration Trend: MW-9



TABLES

Table 1
Well Construction Details and Groundwater Elevation - July 2010
AB&I Foundry
7825 San Leandro Street
Oakland, California

Well Number	Total Depth[1] *(feet, bgs[1])*	Solid Casing[2] *(feet, bgs[1])*	Screened Interval[3] *(feet, bgs[1])*	Top of Casing *(feet, msl[4])*	Depth to Water *(feet, btoc[5])*	Groundwater Elevation *(feet, msl[6])*
MW-1	23	0-10	10-20	9.60	6.19	3.41
MW-2	17	0-8	8-17	NM	NM	Destroyed
MW-2R	20.5	0-5	5-20	7.49	4.02	3.47
MW-3	19.5	0-9	9-19	9.90	7.02	2.88
MW-4	26.5	0-10	10-25	10.49	6.98	3.51
MW-5	20.5	0-5	5-20	10.92	7.78	3.14
MW-6	20.5	0-5	5-20	10.19	7.92	2.27
MW-7	20.5	0-5	5-20	10.61	6.50	4.11
MW-8	20.5	0-5	5-20	11.19	7.90	3.29
MW-9	20.5	0-5	5-20	7.95	4.22	3.73

Notes:

1) feet, bgs = feet below ground surface
2) All monitoring wells constructed with 2" I.D. schedule 40 PVC; monitoring well MW-2 constructed with 4" I.D. schedule 40 PVC
3) All well casing includes .02" slotted screen
4) Top of casing elevation in feet above mean sea level (msl)
5) Depth to water below top of casing (btoc) measured on July 8, 2010
6) Groundwater elevation in feet above mean sea level (msl)

Table 2
Summary of Semi-Annual Groundwater Monitoring Results - April and July 2010
AB&I Foundry
7825 San Leandro Street
Oakland, California

Sample ID	Date	TPHg	TPHd	Ethane	Ethylene	Methane	TOC	1,1 - DCA	1,1 - DCE	1,2-DCA	trans 1,2-DCE	cis 1,2-DCE	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	Benzene	Chloroethane	Ethylbenzene	1,2,3-Trichloropropane	Tert-Butylbenzene	Isopropylbenzene	4-Isopropyltoluene	Toluene	1,1,1-TCA	Vinyl chloride	m,p-Xylene	Naphthalene
Units		*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*	*(µg/L)*
MCLs		**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**5.0**	**6.0**	**0.5**	**10**	**6.0**	**260***	**260***	**260***	**1.0**	**NE**	**700**	**0.005***	**260***	**770***	**NE**	**150**	**200**	**0.5**	**1750**	**17***
RWQCB ESLs (VI)		**NE**	**NE**	**NE**	**NE**	**NE**	**NE**	**3,400**	**18,000**	**690**	**19,000**	**17,000**	**NE**	**NE**	**NE**	**1,800**	**2,700**	**170,000**	**NE**	**NE**	**NE**	**NE**	**530,000**	**360,000**	**13**	**160,000**	**11,000**
MW-1	7/9/2010	<50	81	NA	NA	NA	NA	0.43 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.42 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50
MW-2R	7/9/2010	210	<50	NA	NA	NA	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50
MW-3	4/9/2010	NA	NA	<2.0	<3.0	1,900	<3,000	0.78	0.74	<0.50	0.29 J	<0.50	<0.50	<0.50	<0.50	0.41 J	47	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	**1.4**	<1.0	<0.50
MW-3	7/8/2010	<50	<50	<2.0	<3.0	1,600	<3,000	0.58	1.0	<0.50	0.27 J	<0.50	<0.50	<0.50	<0.50	0.36 J	39	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**1.1**	<1.0	<0.50
MW-4	7/8/2010	110	<50	NA	NA	NA	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50
MW-5	7/9/2010	120	<50	NA	NA	NA	NA	0.40	0.38	<0.50	1.0	3.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50
MW-6	7/8/2010	<50	67	NA	NA	NA	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50
MW-7	7/9/2010	<50	<50	NA	NA	NA	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50
MW-8	4/9/2010	NA	NA	<4.0	16	280	420,000	**32**	2.3 J	**1.0 J**	<2.5	<2.5	<2.5	<2.5	<2.5	**2.4 J**	1,400	<2.5	<2.5	<2.5	2.4 J	<2.5	<2.5	<2.5	**2.2 J**	<5.0	<2.5
MW-8	7/8/2010	140	110	<2.0	14	1,700	320,000	**15**	2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	**2.4 J**	1,300	<2.5	<2.5	<2.5	2.8	<2.5	<2.5	<2.5	**2.2 J**	<5.0	<2.5
MW-8 Dup	7/8/2010	140	74	NA	NA	NA	NA	**18**	4.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	**2.2 J**	1,200	<2.5	<2.5	<2.5	2.7	<2.5	<2.5	<2.5	**2.9**	<5.0	<2.5
MW-9	4/9/2010	3,300	320	NA	NA	NA	NA	<0.50	<0.50	<0.50	<0.50	<0.50	0.97	5.5	1.3	**66**	<0.50	4.6	<0.50	<0.50	5.9	2.0	1.3	<0.50	<0.50	1.1	1.2
MW-9	7/9/2010	2,700	250	NA	NA	NA	NA	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	9.5	1.6	**100**	<0.50	9.2	<0.50	0.41 J	10	4.5	2.3	<0.50	<0.50	1.6	0.77

Notes:

Values in bold exceed MCLs

NE - value not established
NA - note analyzed
Dup - Duplicate sample
TPHg - Total Petroleum Hydrocarbons as Gasoline
TPHd - Total Petroleum Hydrocarbons as Diesel
1,1 - DCE - 1,1 - Dichloroethene
1,1 - DCA - 1,1 - Dichloroethane
1,1,1-TCA - 1,1,1-Trichloroethane
1,2 - DCA - 1,2-Dichloroethane
trans-1,2-DCE - Trans-1,2-dichloroethene
cis-1,2-DCE - Cis-1,2-dichloroethene
<0.50 - not reported at or above laboratory's reporting limit of 0.50 µg/L
J - analyte detected below quantitation limits
MCL - California EPA Department of Health Service Maximum concentration levels for drinking water
* California Department of Health Drinking Water Program, Drinking Water Notification Level, December 14, 2007
RWQCB ESLs (VI) - Regional Water Quality Control Board Environmental Screening Levels based on vapor intrusion concerns for commercial land use scenario.

Table 3
Enhanced Anaerobic Biodegradation Monitoring Results
AB&I Foundry
7825 San Leandro Street
Oakland, California

Well/Sample ID Number	Date	Chlorinated VOCs (µg/L)							Volatile Gases (µg/L)			Carbon Substrate (mg/L)
		Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1 Trichloroethane	Vinyl Chloride	Methane	Ethane	Ethene	TOC
MCLs		**12**	**5.0**	**6.0**	**6.0**	**10**	**200**	**0.5**	**-**	**-**	**-**	**-**
RWQCB ESLs (VI)		**2,700**	**1,000**	**3,400**	**17,000**	**19,000**	**360,000**	**13**	**-**	**-**	**-**	**-**
MW-3	05/21/09	<2.5	**220**	**1,000**	**10**	1.2	<2.5	**8.4**	300	19	<3.0	7.4
		Upgradient EAnB Injections, June 2009										
	07/01/09	<2.5	**160**	**620**	7.5	<2.5	<2.5	**6.7**	450	16	<3.0	320
	08/07/09	**61**	**110**	**94**	1.2	<0.50	<0.50	**29**	63	2.7	16	260
	09/10/09	**150**	**5.6**	**11**	0.20	0.47	<0.50	**3.6**	6,000	4.1	41	170
	12/09/09	**78**	**16**	**6.4**	0.25	0.37	<0.50	**17**	7,400	4.8	11	120
	04/09/10	**47**	0.78	0.74	<0.50	0.29 J	<0.50	**1.4**	1,900	<2.0	<3.0	<3
	07/08/10	**39**	0.58	1.0	<0.50	0.27 J	<0.50	**1.1**	1,600	<2.0	<3.0	<3
MW-8	05/21/09	**320**	**1,500**	**1,900**	<5.0	<5.0	**1,900**	**16**	1,100	19	9.6	<3.0
	5/21/2009 (Dup)	**410**	**1,700**	**2,000**	<5.0	<5.0	**1,900**	**16**	-	-	-	-
		Upgradient EAnB Injections, June 2009										
	07/01/09	**350**	**1,200**	**1,100**	<2.5	<2.5	**960**	**11**	1,400	13	5.3	260
	08/07/09	**370**	**1,600**	**1,300**	<5.0	<5.0	**1,700**	**9.6**	460	5.9	<3.0	200
	09/10/09	**340**	**2,600**	**1,100**	<2.5	<2.5	45	**50**	370	4.6	<2.0	160
	12/09/09	**2,400**	**94**	**58**	<2.5	<2.5	14	**85**	5,600	14	180	170
	12/9/2009 (Dup)	**2,400**	**92**	**60**	<5.0	<5.0	14	**82**	NA	NA	NA	NA
	04/09/10	**1,400**	**32**	2.3 J	<2.5	<2.5	<2.5	**2.2 J**	280	<4.0	16	420
	07/08/10	**1,300**	**15**	2.5	<2.5	<2.5	<2.5	**2.2 J**	1,700	<2.0	14	320
	7/8/2010 (Dup)	**1,200**	**18**	4.5	<2.5	<2.5	<2.5	**2.9**	NA	NA	NA	NA

Notes:

Bold values exceed MCLs
Shaded Values exceed ESLs for vapor intrusion
MCL = California EPA Department of Health Service Maximum concentration levels for drinking water
RWQCB ESLs (VI) = Regional Water Quality Control Board Environmental Screening Levels based on vapor intrusion concerns for commercial land use scenario.
mg/L = Milligrams per liter
ug/L = Micrograms per liter
<5.0 = Not detected at or above laboratory practical quantitation limit of 5.0 ug/L.
J - analyte detected below quantitation limits
NE = Does not apply.

Dup - Duplicate Sample
NA - Not Analyzed
TOC - Total Organic Carbon

Table 4

Enhanced Aerobic Biodegradation Monitoring Results - MW-9

AB&I Foundry
7825 San Leandro Street
Oakland, California

Well Number	Date	TPH-Diesel	Naphthalene	TPH-Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes
MCLs		NE	17	NE	1.0	150	700	1,800
RWQCB ESLs (VI)		NE	11,000	NE	1,800	530,000	170,000	160,000
MW-9	05/22/09	250	2.2	3,500	**180**	2.9	3.9	1.7
		Upgradient EAB Injections, June 2009						
	07/01/09	470	3.3	3,400	**53**	2.0	9.5	0.28
	08/07/09	340	0.82	2,400	**9.1**	0.51	2.2	1.5
	09/10/09	460	0.87	3,100	**5.7**	0.36	1.4	1.7
	12/09/09	150	1.3	2,700	**36**	0.87	2.7	1.1
	04/09/10	320	1.2	3,300	**66**	1.3	4.6	1.1
	07/09/10	250	0.77	2,700	**100**	2.3	9.2	1.6

Notes:

MCL = California EPA Department of Health Service Maximum concentration levels for drinking water
RWQCB ESLs (VI) = Regional Water Quality Control Board Environmental Screening Levels based on vapor intrusion concerns for commercial land use scenario.
NE = Value not established
All concentrations reported in micrograms per liter (µg/L)
TPH = Total Petroleum Hydrocarbons
Bold values exceed MCLs

APPENDIX A

FIELD SAMPLING SHEETS

Groundwater Monitoring Well
Field Sampling Form
The Source Group, Inc.

PROJECT NAME: AB&I

PROJECT NO.: 01-ABI-001

TASK NO.: _____

WELL ID: MW-3

PURGE DATE: 4/9/10

SAMPLE TIME: 1050

SAMPLE DATE: 4/9/10

PERSONNEL: N. Collins
(circle)

INITIAL DTW (ft): 6.65

DEPTH TO BOTTOM (ft): _____

WELL DIAM. (in): 2

PUMP INTAKE DEPTH (ft): _____

3 VOLUMES (gals): _____

h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5");
h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

(check units!)

DTW	Time (24 hr)	Flow Rate (ml/min)	pH	EC (mS/cm)	Temp. (C)	Disolved Oxygen (mg/L)	REDOX (mV)	Color	Turbidity	Other Observations
7.03	1023	190	6.68	3258	20.55	1.31	-52.1	milky	13.5	-
7.04	1028	180	6.66	3235	20.87	1.00	-99.0	"	11.4	-
7.06	1033	180	6.64	3219	21.05	0.84	-106.2	"	10.8	-
7.06	1038	180	6.62	3215	21.23	0.81	-108.9	"	10.4	-
7.06	1043	180	6.61	3214	21.17	0.79	-109.7	"	10.1	-

Total Gallons Purged: 2

Purging Method	2" Submersible Bladder Pump	12 Volt Pump	(Peristaltic Pump)	Bailer

WELL SAMPLING:

DTW at Time of Sampling: 7.06

Sampling Method	2" Submersible Bladder Pump	12 Volt Pump	(Peristaltic Pump)	Bailer

SAMPLE ID: MW-3

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED AFTER THIS WELL? YES / (NO)

IF SO, SAMPLE ID: _____ TYPE: Rinsate Blank Duplicate Field Blank

COMMENTS:

Groundwater Monitoring Well
Field Sampling Form
The Source Group, Inc.

PROJECT NAME: AB&I
PROJECT NO.: 01-ABI-001
TASK NO.: _____
WELL ID: MW-8
PURGE DATE: 4/9/10
SAMPLE TIME: 1140
_____
SAMPLE DATE: _____
PERSONNEL: N. Cullen
(circle)

INITIAL DTW (ft): 7.40
DEPTH TO BOTTOM (ft): _____
WELL DIAM. (in): 2
PUMP INTAKE DEPTH (ft): _____
3 VOLUMES (gals): _____
h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5");
h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

(check units!)

DTW	Time (24 hr)	Flow Rate (ml/min)	pH	EC (mS/cm)	Temp. (C)	Disolved Oxygen (mg/L)	REDOX (mV)	Color	Turbidity	Other Observations
7.94	1110	210	6.21	2817	17.45	1.64	-54.0	milky	140.8	-
8.02	1115	170	6.18	2825	17.42	0.74	-61.5	"	113.9	-
8.09	1120	170	6.17	2831	17.27	0.76	-64.7	"	100.9	-
8.10	1125	170	6.16	2860	17.13	0.81	-63.4	"	84.8	-
8.12	1135	170	6.11	2900	17.05	-	-58.4	"	49.3	-

Total Gallons Purged: 2

Purging Method	2" Submersible Bladder Pump	12 Volt Pump	Peristaltic Pump	Bailer

WELL SAMPLING:

DTW at Time of Sampling: 8.12

Sampling Method	2" Submersible Bladder Pump	12 Volt Pump	Peristaltic Pump	Bailer

SAMPLE ID: MW-8

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED AFTER THIS WELL? YES / NO

IF SO, SAMPLE ID: _____ TYPE: Rinsate Blank Duplicate Field Blank

COMMENTS:

DO meter unreliable filling chamber @ 1133. Will not stabilize.

Groundwater Monitoring Well
Field Sampling Form
The Source Group, Inc.

PROJECT NAME: AB&I
PROJECT NO.: 01-ABI-001
TASK NO.:
WELL ID: MW-9
PURGE DATE: 4/9/10
SAMPLE TIME: 1000
SAMPLE DATE: 4/9/10
PERSONNEL: N. Citan (circle)

INITIAL DTW (ft): 3.88
DEPTH TO BOTTOM (ft):
WELL DIAM. (in): 2
PUMP INTAKE DEPTH (ft):
3 VOLUMES (gals): —
h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5"); h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

(check units!)

DTW	Time (24 hr)	Flow Rate (ml/min)	pH	EC (mS/cm)	Temp. (C)	Disolved Oxygen (mg/L)	REDOX (mV)	Color	Turbidity	Other Observations
4.63	935	220	7.29	1998	16.48	2.64	76.3	cloudy	4.4	
4.28	945	170	7.57	1962	16.21	2.25	25.4	"	4.1	
4.26	950	170	7.59	1957	16.25	2.03	9.3	"	2.4	
4.28	955	170	7.60	1951	16.29	1.82	5.6	"	2.4	
4.28	1000	170	7.60	1948	16.32	1.71	3.4	"	2.0	

Total Gallons Purged: 1.5

Purging Method	2" Submersible Bladder Pump	12 Volt Pump	Peristaltic Pump	Bailer

WELL SAMPLING:

DTW at Time of Sampling: 4.28

Sampling Method	2" Submersible Bladder Pump	12 Volt Pump	Peristaltic Pump	Bailer

SAMPLE ID: MW-9

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED AFTER THIS WELL? YES / (NO)

IF SO, SAMPLE ID: _____ TYPE: Rinsate Blank Duplicate Field Blank

COMMENTS:

Groundwater Monitoring Well
Field Sampling Form
The Source Group, Inc.

PROJECT NAME: AB&I
PROJECT NO.: 01-ABI-001
TASK NO.: _____
WELL ID: mw-6
PURGE DATE: 7-3-10
SAMPLE TIME: 1300
SAMPLE DATE: 7-3-10
PERSONNEL: H. Newton
(circle)

INITIAL DTW (ft): 7.91
DEPTH TO BOTTOM (ft): 19.96
WELL DIAM. (in): 2
PUMP INTAKE DEPTH (ft): _____
3 VOLUMES (gals): _____
h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5"); h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

(check units!)

DTW	Time (24 hr)	Flow Rate (ml/min)	pH	EC (mS/cm)	Temp. (C)	Disolved Oxygen (mg/L)	REDOX (mV)	Color	Turbidity	Other Observations
7.91	1240	.5	7.05	2372	21.06	3.41	41.9	clear	2.7	
8.42	1245	1	6.95	2574	21.02	3.57	76.4	" "	1.0	
8.52	1250	1.5	6.90	2535	21.03	3.27	99.6	" "	0.4	
8.52	1255	2	6.88	2587	21.04	3.26	100.6	" "	0.2	
8.52	1300	2.5	6.88	2590	21.03	3.25	103.7	" "	0.2	

Total Gallons Purged: 2.5

Purging Method: 2" Submersible Bladder Pump | 12 Volt Pump | (Peristaltic Pump) | Bailer

WELL SAMPLING:

DTW at Time of Sampling: 8.52

Sampling Method: 2" Submersible Bladder Pump | 12 Volt Pump | (Peristaltic Pump) | Bailer

SAMPLE ID: mw-6

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED AFTER THIS WELL? YES / (NO)

IF SO, SAMPLE ID: _____ TYPE: Rinsate Blank Duplicate Field Blank

COMMENTS:

Had pump on low setting (0) Still flowing pretty quick

Groundwater Monitoring Well
Field Sampling Form
The Source Group, Inc.

PROJECT NAME: AB&I
PROJECT NO.: 01-ABI-001
TASK NO.: _____
WELL ID: MW-4
PURGE DATE: 7-3-10
SAMPLE TIME: 1350
SAMPLE DATE: 7-3-10
PERSONNEL: H. Newton
(circle)

INITIAL DTW (ft): 6.98
DEPTH TO BOTTOM (ft): 24.40
WELL DIAM. (in): 2"
PUMP INTAKE DEPTH (ft): _____
3 VOLUMES (gals): —
h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5"); h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

(check units!)

DTW	Time (24 hr)	Flow Rate (ml/min)	pH	EC (mS/cm)	Temp. (C)	Disolved Oxygen (mg/L)	REDOX (mV)	Color	Turbidity	Other Observations
6.98	1325	.25	7.26	634	13.35	3.62	6.1	clear	2.6	
8.10	1330	.5	6.97	626	13.41	2.68	10.7	" "	2.5	
8.11	1335	.75	6.95	640	13.39	1.34	-0.2	" "	2.1	
8.11	1340	1	6.95	642	13.37	1.28	-0.6	" "	2.3	
8.11	1345	1.25	6.96	644	18.36	1.89	-0.9	" "	2.4	
8.11	1350	1.5	6.97	645	13.36	1.90	-0.8	" "	2.5	

Total Gallons Purged: 1.5

Purging Method	2" Submersible Bladder Pump	12 Volt Pump	(Peristaltic Pump)	Bailer

WELL SAMPLING:

DTW at Time of Sampling: 8.11

Sampling Method	2" Submersible Bladder Pump	12 Volt Pump	(Peristaltic Pump)	Bailer

SAMPLE ID: MW-4

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED AFTER THIS WELL? YES / (NO)

IF SO, SAMPLE ID: _____ TYPE: Rinsate Blank Duplicate Field Blank

COMMENTS:

Groundwater Monitoring Well
Field Sampling Form
The Source Group, Inc.

PROJECT NAME: AB&I
PROJECT NO.: 01-ABI-001
TASK NO.: _____
WELL ID: mw-3
PURGE DATE: 7-8-10
SAMPLE TIME: 1435
SAMPLE DATE: 7-8-10
PERSONNEL: N. Newton
(circle)

INITIAL DTW (ft): 7.00
DEPTH TO BOTTOM (ft): 18.74
WELL DIAM. (in): 2"
PUMP INTAKE DEPTH (ft): _____
3 VOLUMES (gals): _____
h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5");
h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

(check units!)

DTW	Time (24 hr)	Flow Rate (ml/min)	pH	EC (mS/cm)	Temp. (C)	Disolved Oxygen (mg/L)	REDOX (mV)	Color	Turbidity	Other Observations
7.00	1410	.5	6.76	2893	21.50	2.60	-42.2	clear	10.9	
9.20	1415	.75	6.51	2783	21.16	1.65	-46.3	" "	36.3	
8.80	1420	1	6.52	2805	21.39	1.16	-46.3	" "	14.2	
8.30	1425	1.25	6.52	2831	21.53	1.08	-43.2	" "	14.9	
8.25	1430	1.5	6.53	2823	21.59	1.07	-40.9	" "	14.8	
8.20	1435	2	6.54	2832	21.56	1.05	-41.3	" "	14.6	

Total Gallons Purged: 2

Purging Method: 2" Submersible Bladder Pump | 12 Volt Pump | (Peristaltic Pump) | Bailer

WELL SAMPLING:

DTW at Time of Sampling: 8.20

Sampling Method: 2" Submersible Bladder Pump | 12 Volt Pump | (Peristaltic Pump) | Bailer

SAMPLE ID: mw-3

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED AFTER THIS WELL? YES / (NO)

IF SO, SAMPLE ID: _____ TYPE: Rinsate Blank Duplicate Field Blank

COMMENTS:

Groundwater Monitoring Well
Field Sampling Form
The Source Group, Inc.

PROJECT NAME: AB&I

PROJECT NO.: 01-ABI-001

TASK NO.: _____

WELL ID: mw-8

PURGE DATE: 7-3-10

SAMPLE TIME: 1525

SAMPLE DATE: 7-3-10

PERSONNEL: H. Newton
(circle)

INITIAL DTW (ft): 7.92

DEPTH TO BOTTOM (ft): 19.76

WELL DIAM. (in): 2

PUMP INTAKE DEPTH (ft): _____

3 VOLUMES (gals): _____

h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5");
h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

(check units!)

DTW	Time (24 hr)	Flow Rate (ml/min)	pH	EC (mS/cm)	Temp. (C)	Disolved Oxygen (mg/L)	REDOX (mV)	Color	Turbidity	Other Observations
7.92	1500	.25	6.41	2541	13.86	2.55	-24.5	grey	214.3	
9.22	1505	.5	6.22	2533	13.50	0.93	-9.1	" "	120.2	
9.38	1510	.75	6.21	2559	13.41	0.69	-2.3	" "	89.7	
9.23	1515	1	6.21	2577	13.52	0.60	2.9	clear	52.9	
9.02	1520	1.25	6.22	2573	13.53	0.58	3.0	" "	49.2	
9.00	1525	1.5	6.21	2576	13.54	0.58	3.6	" "	49.0	

Total Gallons Purged: 1.5

	2" Submersible Bladder Pump	12 Volt Pump	(Peristaltic Pump)	Bailer
Purging Method				

WELL SAMPLING:

DTW at Time of Sampling: 9.00

	2" Submersible Bladder Pump	12 Volt Pump	(Peristaltic Pump)	Bailer
Sampling Method				

SAMPLE ID: mw-8

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED AFTER THIS WELL? (YES) / NO

IF SO, SAMPLE ID: mw-98 TYPE: Rinsate Blank (Duplicate) Field Blank

COMMENTS:

Groundwater Monitoring Well
Field Sampling Form
The Source Group, Inc.

PROJECT NAME: AB&I
PROJECT NO.: 01-ABI-001
TASK NO.: _____
WELL ID: MW-5
PURGE DATE: 7-9-10
SAMPLE TIME: 0830
SAMPLE DATE: 7-9-10
PERSONNEL: H. Newton
(circle)

INITIAL DTW (ft): 7.72
DEPTH TO BOTTOM (ft): 19.45
WELL DIAM. (in): 2
PUMP INTAKE DEPTH (ft): _____
3 VOLUMES (gals): _____
h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5"); h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

(check units!)

DTW	Time (24 hr)	Flow Rate (ml/min)	pH	EC (mS/cm)	Temp. (C)	Disolved Oxygen (mg/L)	REDOX (mV)	Color	Turbidity	Other Observations
7.72	0810	.25	6.34	1332	12.47	4.13	114.0	cloudy	155.5	
7.95	0815	.5	6.28	1370	13.25	0.32	101.3	" "	70.9	
7.98	0820	.75	6.22	1365	13.22	0.52	99.6	clear	37.4	
7.98	0825	1	6.23	1364	13.90	0.57	99.3	" "	30.0	
7.98	0830	1.25	6.23	1363	13.91	0.56	99.1	" "	29.8	

Total Gallons Purged: 1.25

Purging Method: 2" Submersible Bladder Pump | 12 Volt Pump | (Peristaltic Pump) | Bailer

WELL SAMPLING:

DTW at Time of Sampling: 7.98

Sampling Method: 2" Submersible Bladder Pump | 12 Volt Pump | (Peristaltic Pump) | Bailer

SAMPLE ID: MW-5

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED AFTER THIS WELL? YES (NO)

IF SO, SAMPLE ID: _____ TYPE: Rinsate Blank Duplicate Field Blank

COMMENTS:

Groundwater Monitoring Well
Field Sampling Form
The Source Group, Inc.

PROJECT NAME: AB&I

PROJECT NO.: 01-ABI-001

TASK NO.: _____

WELL ID: MW-2R

PURGE DATE: 7-9-10

SAMPLE TIME: 0905

SAMPLE DATE: 7-9-10

PERSONNEL: H. Newton
(circle)

INITIAL DTW (ft): 3.92

DEPTH TO BOTTOM (ft): 19.50

WELL DIAM. (in): 2

PUMP INTAKE DEPTH (ft): _____

3 VOLUMES (gals): _____

h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5");
h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

(check units!)

DTW	Time (24 hr)	Flow Rate (ml/min)	pH	EC (mS/cm)	Temp. (C)	Disolved Oxygen (mg/L)	REDOX (mV)	Color	Turbidity	Other Observations
3.92	0845	.5	6.26	1366	18.05	6.48	42.4	cloudy	33.7	
4.03	0850	1	6.36	1305	18.25	0.52	26.9	" "	26.2	
4.06	0855	1.5	6.37	1294	18.26	0.49	22.2	clear	25.0	
4.08	0900	2	6.37	1290	18.27	0.48	21.9	" "	25.0	
4.10	0905	2.5	6.26	1283	18.29	0.46	21.3	" "	24.7	

Total Gallons Purged: 2.5

Purging Method	2" Submersible Bladder Pump	12 Volt Pump	(Peristaltic Pump)	Bailer

WELL SAMPLING:

DTW at Time of Sampling: 4.10

Sampling Method	2" Submersible Bladder Pump	12 Volt Pump	(Peristaltic Pump)	Bailer

SAMPLE ID: MW-2R

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED AFTER THIS WELL? YES / (NO)

IF SO, SAMPLE ID: _____ TYPE: Rinsate Blank Duplicate Field Blank

COMMENTS:

Groundwater Monitoring Well
Field Sampling Form
The Source Group, Inc.

PROJECT NAME: AB&I

PROJECT NO.: 01-ABI-001

TASK NO.:

WELL ID: MW-9

PURGE DATE: 7-9-10

SAMPLE TIME: 0940

SAMPLE DATE: 7-9-10

PERSONNEL: D. Newton
(circle)

INITIAL DTW (ft): 4.36

DEPTH TO BOTTOM (ft): 19.50

WELL DIAM. (in): 2

PUMP INTAKE DEPTH (ft):

3 VOLUMES (gals):
h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5");
h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

(check units!)

DTW	Time (24 hr)	Flow Rate (ml/min)	pH	EC (mS/cm)	Temp. (C)	Disolved Oxygen (mg/L)	REDOX (mV)	Color	Turbidity	Other Observations
4.36	0920	.25	7.33	1573	16.79	7.35	60.1	clear	5.2	
5.42	0925	.5	7.34	1552	16.81	0.67	-43.4	" "	3.6	
5.68	0930	.75	7.35	1553	16.82	0.61	-43.5	" "	4.0	
5.76	0935	1	7.34	1552	16.82	0.59	-43.4	" "	3.9	
5.72	0940	1.25	7.34	1551	16.83	0.57	-43.6	" "	3.7	

Total Gallons Purged: 1.25

Purging Method	2" Submersible Bladder Pump	12 Volt Pump	(Peristaltic Pump)	Bailer

WELL SAMPLING:

DTW at Time of Sampling: 5.72

Sampling Method	2" Submersible Bladder Pump	12 Volt Pump	(Peristaltic Pump)	Bailer

SAMPLE ID: MW-9

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED AFTER THIS WELL? YES / (NO)

IF SO, SAMPLE ID: _____ TYPE: Rinsate Blank Duplicate Field Blank

COMMENTS:

on slow setting. still pumping pretty quick

Groundwater Monitoring Well
Field Sampling Form
The Source Group, Inc.

PROJECT NAME: AB&I
PROJECT NO.: 01-ABI-001
TASK NO.: _____
WELL ID: mw-1
PURGE DATE: 7-9-10
SAMPLE TIME: 1025
SAMPLE DATE: 7-9-10
PERSONNEL: M. Newton
(circle)

INITIAL DTW (ft): 6.22
DEPTH TO BOTTOM (ft): 19.64
WELL DIAM. (in): 2
PUMP INTAKE DEPTH (ft): _____
3 VOLUMES (gals): _____
h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5"); h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

(check units!)

DTW	Time (24 hr)	Flow Rate (ml/min)	pH	EC (mS/cm)	Temp. (C)	Disolved Oxygen (mg/L)	REDOX (mV)	Color	Turbidity	Other Observations
6.22	1000	.25	7.24	1212	16.68	0.36	35.2	brown	248.7	
6.53	1005	.5	7.22	1226	16.65	0.45	35.9	cloudy	121.2	
6.60	1010	.75	7.22	1220	16.65	0.43	35.0	" "	30.1	
6.61	1015	1	7.22	1221	16.64	0.41	34.9	" "	33.9	
6.62	1020	1.25	7.22	1222	16.65	0.41	34.2	" "	33.6	
6.62	1025	1.5	7.22	1222	16.65	0.40	35.0	" "	32.8	

Total Gallons Purged: 1.5

Purging Method: 2" Submersible Bladder Pump | 12 Volt Pump | (Peristaltic Pump) | Bailer

WELL SAMPLING:

DTW at Time of Sampling: 6.72

Sampling Method: 2" Submersible Bladder Pump | 12 Volt Pump | (Peristaltic Pump) | Bailer

SAMPLE ID: mw-1

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED AFTER THIS WELL? YES / (NO)

IF SO, SAMPLE ID: _____ TYPE: Rinsate Blank Duplicate Field Blank

COMMENTS:

Groundwater Monitoring Well
Field Sampling Form
The Source Group, Inc.

PROJECT NAME: AB&I
PROJECT NO.: 01-ABI-001
TASK NO.:
WELL ID: mw-7
PURGE DATE: 7-9-10
SAMPLE TIME: 1110
SAMPLE DATE: 7-9-10
PERSONNEL: H. Newton (circle)

INITIAL DTW (ft): 6.52
DEPTH TO BOTTOM (ft): 19.85
WELL DIAM. (in): 2
PUMP INTAKE DEPTH (ft):
3 VOLUMES (gals):
h*3*0.064 (1.25"); h*3*0.16 (2"); h*3*0.26 (2.5"); h*3*0.38 (3"); h*3*0.65 (4"); h*3*1.5 (6")

PURGE LOG:

(check units!)

DTW	Time (24 hr)	Flow Rate (ml/min)	pH	EC (mS/cm)	Temp. (C)	Disolved Oxygen (mg/L)	REDOX (mV)	Color	Turbidity	Other Observations
6.52	1045	.25	7.55	1313	13.08	4.05	22.2	clear	35.2	
6.82	1050	.5	7.57	1310	17.96	1.65	46.4	" "	28.1	
6.23	1055	.75	7.60	1319	13.86	0.31	-106.3	" "	23.6	
6.90	1100	1	7.62	1320	13.32	0.28	-112.1	" "	20.7	
6.91	1105	1.25	7.63	1321	13.29	0.27	-113.6	" "	19.9	
6.91	1110	1.5	7.64	1320	13.90	0.26	-114.0	" "	19.3	

Total Gallons Purged: 1.5

Purging Method: 2" Submersible Bladder Pump | 12 Volt Pump | (Peristaltic Pump) | Bailer

WELL SAMPLING:

DTW at Time of Sampling: 6.91

Sampling Method: 2" Submersible Bladder Pump | 12 Volt Pump | (Peristaltic Pump) | Bailer

SAMPLE ID: mw-7

QA/QC SAMPLING:

WAS QA/QC SAMPLE COLLECTED AFTER THIS WELL? YES (NO)

IF SO, SAMPLE ID: _____ TYPE: Rinsate Blank Duplicate Field Blank

COMMENTS:

Groundwater Monitoring Well
Water Level Gauging Form
The Source Group, Inc.

PROJECT NAME: AB&I
PROJECT NO.: 01-ABI-001
TASK NO.:

DATE: 7-8-10
PERSONNEL: H. Newton

Well I.D.	Date	Time (24 hr)	Casing Diameter (inches)	TOC (ft msl)	DTW (ft)	Total Depth (ft)	Well Location	Comments:
MW-1	7-8-10	1115	2"		6.19	19.04		
MW-2R	"	1135	"		4.02	19.50		
MW-3	"	1034	"		7.02	18.74		
MW-4	"	1150	"		6.93	24.40		
MW-5	"	1058	"		7.78	19.45		
MW-6	"	1020	"		7.92	19.96		
MW-7	"	1105	"		6.50	19.35		
MW-8	"	1040	"		7.90	19.76		
MW-9	"	1106	"		4.22	19.50		

APPENDIX B

LABORATORY REPORTS AND CHAIN OF CUSTODY RECORDS

April 20, 2010

Kent Reynolds
The Source Group Inc.
3451 Vincent Dr., Suite C
Pleasant Hill, CA 94523
TEL: (925) 944-2856
FAX: (925) 944-2859

ELAP No.: 1838
NELAP No.: 02107CA
NEVADA.: CA-401
CSDLAC No.: 10196

Workorder No.: 111182

RE: AB&I Foundry, 01-ABI.001

Attention: Kent Reynolds

Enclosed are the results for sample(s) received on April 10, 2010 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90755 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: The Source Group Inc.
Project: AB&I Foundry, 01-ABI.001
Lab Order: 111182

CASE NARRATIVE

Sample Receiving / General Comments

Headspace <5-6 mm was noted on 4 voa vials of sample MW-3.

Sample collection date was taken from sample container for samples MW-3 and MW-8.

Silica Gel Cleanup was performed on sample prior to the analysis, per client request.

Analytical Comments for EPA 8260B

Results were J-Flag. "J" is used to flag those results that are between the PQL (Practical Quantitation Limit) and the calculated MDL (Method Detection Limit). Results that are "J" Flagged are estimated values since it becomes difficult to accurately quantitate the analyte near the MDL.

Analytical Comments for SM5310B

Sample 111182-003C-MS, Matrix Spike (MS) is outside recovery criteria; however, the analytical batch was validated by the Laboratory Control Sample (LCS).

Advanced Technology Laboratories
3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562. 989.4045 Fax: 562.989.4040

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-9
Lab Order:	111182	**Collection Date:**	4/9/2010 10:00:00 AM
Project:	AB&I Foundry, 01-ABI.001	**Matrix:**	GROUNDWATER
Lab ID:	111182-001A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS2_100412A** QC Batch: **Q10VW074** PrepDate: Analyst: **SLL**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	0.45	0.50		µg/L	1	4/12/2010 12:24 PM
1,1,1-Trichloroethane	ND	0.27	0.50		µg/L	1	4/12/2010 12:24 PM
1,1,2,2-Tetrachloroethane	ND	0.35	0.50		µg/L	1	4/12/2010 12:24 PM
1,1,2-Trichloroethane	ND	0.43	0.50		µg/L	1	4/12/2010 12:24 PM
1,1-Dichloroethane	ND	0.17	0.50		µg/L	1	4/12/2010 12:24 PM
1,1-Dichloroethene	ND	0.19	0.50		µg/L	1	4/12/2010 12:24 PM
1,1-Dichloropropene	ND	0.30	0.50		µg/L	1	4/12/2010 12:24 PM
1,2,3-Trichlorobenzene	ND	0.48	0.50		µg/L	1	4/12/2010 12:24 PM
1,2,3-Trichloropropane	ND	0.24	0.50		µg/L	1	4/12/2010 12:24 PM
1,2,4-Trichlorobenzene	ND	0.43	0.50		µg/L	1	4/12/2010 12:24 PM
1,2,4-Trimethylbenzene	ND	0.44	0.50		µg/L	1	4/12/2010 12:24 PM
1,2-Dibromo-3-chloropropane	ND	0.35	0.50		µg/L	1	4/12/2010 12:24 PM
1,2-Dibromoethane	ND	0.37	0.50		µg/L	1	4/12/2010 12:24 PM
1,2-Dichlorobenzene	ND	0.27	0.50		µg/L	1	4/12/2010 12:24 PM
1,2-Dichloroethane	ND	0.16	0.50		µg/L	1	4/12/2010 12:24 PM
1,2-Dichloropropane	ND	0.20	0.50		µg/L	1	4/12/2010 12:24 PM
1,3,5-Trimethylbenzene	ND	0.36	0.50		µg/L	1	4/12/2010 12:24 PM
1,3-Dichlorobenzene	ND	0.28	0.50		µg/L	1	4/12/2010 12:24 PM
1,3-Dichloropropane	ND	0.32	0.50		µg/L	1	4/12/2010 12:24 PM
1,4-Dichlorobenzene	ND	0.24	0.50		µg/L	1	4/12/2010 12:24 PM
2,2-Dichloropropane	ND	0.32	0.50		µg/L	1	4/12/2010 12:24 PM
2-Chlorotoluene	ND	0.31	0.50		µg/L	1	4/12/2010 12:24 PM
4-Chlorotoluene	ND	0.23	0.50		µg/L	1	4/12/2010 12:24 PM
4-Isopropyltoluene	2.0	0.36	0.50		µg/L	1	4/12/2010 12:24 PM
Benzene	66	0.17	0.50		µg/L	1	4/12/2010 12:24 PM
Bromobenzene	ND	0.21	0.50		µg/L	1	4/12/2010 12:24 PM
Bromodichloromethane	ND	0.39	0.50		µg/L	1	4/12/2010 12:24 PM
Bromoform	ND	0.30	0.50		µg/L	1	4/12/2010 12:24 PM
Bromomethane	ND	0.32	0.50		µg/L	1	4/12/2010 12:24 PM
Carbon tetrachloride	ND	0.38	0.50		µg/L	1	4/12/2010 12:24 PM
Chlorobenzene	ND	0.28	0.50		µg/L	1	4/12/2010 12:24 PM
Chloroethane	ND	0.35	0.50		µg/L	1	4/12/2010 12:24 PM
Chloroform	ND	0.23	0.50		µg/L	1	4/12/2010 12:24 PM
Chloromethane	ND	0.32	0.50		µg/L	1	4/12/2010 12:24 PM
cis-1,2-Dichloroethene	ND	0.15	0.50		µg/L	1	4/12/2010 12:24 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-9
Lab Order:	111182	**Collection Date:**	4/9/2010 10:00:00 AM
Project:	AB&I Foundry, 01-ABI.001	**Matrix:**	GROUNDWATER
Lab ID:	111182-001A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS2_100412A** QC Batch: **Q10VW074** PrepDate: Analyst: **SLL**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	0.29	0.50		µg/L	1	4/12/2010 12:24 PM
Dibromochloromethane	ND	0.40	0.50		µg/L	1	4/12/2010 12:24 PM
Dibromomethane	ND	0.19	0.50		µg/L	1	4/12/2010 12:24 PM
Dichlorodifluoromethane	ND	0.33	0.50		µg/L	1	4/12/2010 12:24 PM
Ethylbenzene	4.6	0.22	0.50		µg/L	1	4/12/2010 12:24 PM
Hexachlorobutadiene	ND	0.28	0.50		µg/L	1	4/12/2010 12:24 PM
Isopropylbenzene	5.9	0.30	0.50		µg/L	1	4/12/2010 12:24 PM
m,p-Xylene	1.1	0.49	1.0		µg/L	1	4/12/2010 12:24 PM
Methylene chloride	ND	1.0	1.0		µg/L	1	4/12/2010 12:24 PM
n-Butylbenzene	0.97	0.30	0.50		µg/L	1	4/12/2010 12:24 PM
n-Propylbenzene	5.5	0.36	0.50		µg/L	1	4/12/2010 12:24 PM
Naphthalene	1.2	0.35	0.50		µg/L	1	4/12/2010 12:24 PM
o-Xylene	ND	0.27	0.50		µg/L	1	4/12/2010 12:24 PM
sec-Butylbenzene	1.3	0.33	0.50		µg/L	1	4/12/2010 12:24 PM
Styrene	ND	0.38	0.50		µg/L	1	4/12/2010 12:24 PM
tert-Butylbenzene	ND	0.35	0.50		µg/L	1	4/12/2010 12:24 PM
Tetrachloroethene	ND	0.19	0.50		µg/L	1	4/12/2010 12:24 PM
Toluene	1.3	0.22	0.50		µg/L	1	4/12/2010 12:24 PM
trans-1,2-Dichloroethene	ND	0.22	0.50		µg/L	1	4/12/2010 12:24 PM
Trichloroethene	ND	0.15	0.50		µg/L	1	4/12/2010 12:24 PM
Trichlorofluoromethane	ND	0.26	0.50		µg/L	1	4/12/2010 12:24 PM
Vinyl chloride	ND	0.34	0.50		µg/L	1	4/12/2010 12:24 PM
Surr: 1,2-Dichloroethane-d4	92.0	0	70-130		%REC	1	4/12/2010 12:24 PM
Surr: 4-Bromofluorobenzene	98.2	0	70-130		%REC	1	4/12/2010 12:24 PM
Surr: Dibromofluoromethane	85.4	0	70-130		%REC	1	4/12/2010 12:24 PM
Surr: Toluene-d8	94.4	0	70-130		%REC	1	4/12/2010 12:24 PM

Qualifiers:

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified
DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-3
Lab Order:	111182	**Collection Date:**	4/9/2010 10:50:00 AM
Project:	AB&I Foundry, 01-ABI.001	**Matrix:**	GROUNDWATER
Lab ID:	111182-002A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS2_100412A** QC Batch: **Q10VW074** PrepDate: Analyst: **SLL**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	0.45	0.50		µg/L	1	4/12/2010 04:22 PM
1,1,1-Trichloroethane	ND	0.27	0.50		µg/L	1	4/12/2010 04:22 PM
1,1,2,2-Tetrachloroethane	ND	0.35	0.50		µg/L	1	4/12/2010 04:22 PM
1,1,2-Trichloroethane	ND	0.43	0.50		µg/L	1	4/12/2010 04:22 PM
1,1-Dichloroethane	0.78	0.17	0.50		µg/L	1	4/12/2010 04:22 PM
1,1-Dichloroethene	0.74	0.19	0.50		µg/L	1	4/12/2010 04:22 PM
1,1-Dichloropropene	ND	0.30	0.50		µg/L	1	4/12/2010 04:22 PM
1,2,3-Trichlorobenzene	ND	0.48	0.50		µg/L	1	4/12/2010 04:22 PM
1,2,3-Trichloropropane	ND	0.24	0.50		µg/L	1	4/12/2010 04:22 PM
1,2,4-Trichlorobenzene	ND	0.43	0.50		µg/L	1	4/12/2010 04:22 PM
1,2,4-Trimethylbenzene	ND	0.44	0.50		µg/L	1	4/12/2010 04:22 PM
1,2-Dibromo-3-chloropropane	ND	0.35	0.50		µg/L	1	4/12/2010 04:22 PM
1,2-Dibromoethane	ND	0.37	0.50		µg/L	1	4/12/2010 04:22 PM
1,2-Dichlorobenzene	ND	0.27	0.50		µg/L	1	4/12/2010 04:22 PM
1,2-Dichloroethane	ND	0.16	0.50		µg/L	1	4/12/2010 04:22 PM
1,2-Dichloropropane	ND	0.20	0.50		µg/L	1	4/12/2010 04:22 PM
1,3,5-Trimethylbenzene	ND	0.36	0.50		µg/L	1	4/12/2010 04:22 PM
1,3-Dichlorobenzene	ND	0.28	0.50		µg/L	1	4/12/2010 04:22 PM
1,3-Dichloropropane	ND	0.32	0.50		µg/L	1	4/12/2010 04:22 PM
1,4-Dichlorobenzene	ND	0.24	0.50		µg/L	1	4/12/2010 04:22 PM
2,2-Dichloropropane	ND	0.32	0.50		µg/L	1	4/12/2010 04:22 PM
2-Chlorotoluene	ND	0.31	0.50		µg/L	1	4/12/2010 04:22 PM
4-Chlorotoluene	ND	0.23	0.50		µg/L	1	4/12/2010 04:22 PM
4-Isopropyltoluene	ND	0.36	0.50		µg/L	1	4/12/2010 04:22 PM
Benzene	0.41	0.17	0.50	J	µg/L	1	4/12/2010 04:22 PM
Bromobenzene	ND	0.21	0.50		µg/L	1	4/12/2010 04:22 PM
Bromodichloromethane	ND	0.39	0.50		µg/L	1	4/12/2010 04:22 PM
Bromoform	ND	0.30	0.50		µg/L	1	4/12/2010 04:22 PM
Bromomethane	ND	0.32	0.50		µg/L	1	4/12/2010 04:22 PM
Carbon tetrachloride	ND	0.38	0.50		µg/L	1	4/12/2010 04:22 PM
Chlorobenzene	ND	0.28	0.50		µg/L	1	4/12/2010 04:22 PM
Chloroethane	47	0.35	0.50		µg/L	1	4/12/2010 04:22 PM
Chloroform	ND	0.23	0.50		µg/L	1	4/12/2010 04:22 PM
Chloromethane	ND	0.32	0.50		µg/L	1	4/12/2010 04:22 PM
cis-1,2-Dichloroethene	ND	0.15	0.50		µg/L	1	4/12/2010 04:22 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-3
Lab Order:	111182	**Collection Date:**	4/9/2010 10:50:00 AM
Project:	AB&I Foundry, 01-ABI.001	**Matrix:**	GROUNDWATER
Lab ID:	111182-002A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS2_100412A** QC Batch: **Q10VW074** PrepDate: Analyst: **SLL**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	0.29	0.50		µg/L	1	4/12/2010 04:22 PM
Dibromochloromethane	ND	0.40	0.50		µg/L	1	4/12/2010 04:22 PM
Dibromomethane	ND	0.19	0.50		µg/L	1	4/12/2010 04:22 PM
Dichlorodifluoromethane	ND	0.33	0.50		µg/L	1	4/12/2010 04:22 PM
Ethylbenzene	ND	0.22	0.50		µg/L	1	4/12/2010 04:22 PM
Hexachlorobutadiene	ND	0.28	0.50		µg/L	1	4/12/2010 04:22 PM
Isopropylbenzene	ND	0.30	0.50		µg/L	1	4/12/2010 04:22 PM
m,p-Xylene	ND	0.49	1.0		µg/L	1	4/12/2010 04:22 PM
Methylene chloride	ND	1.0	1.0		µg/L	1	4/12/2010 04:22 PM
n-Butylbenzene	ND	0.30	0.50		µg/L	1	4/12/2010 04:22 PM
n-Propylbenzene	ND	0.36	0.50		µg/L	1	4/12/2010 04:22 PM
Naphthalene	ND	0.35	0.50		µg/L	1	4/12/2010 04:22 PM
o-Xylene	ND	0.27	0.50		µg/L	1	4/12/2010 04:22 PM
sec-Butylbenzene	ND	0.33	0.50		µg/L	1	4/12/2010 04:22 PM
Styrene	ND	0.38	0.50		µg/L	1	4/12/2010 04:22 PM
tert-Butylbenzene	ND	0.35	0.50		µg/L	1	4/12/2010 04:22 PM
Tetrachloroethene	ND	0.19	0.50		µg/L	1	4/12/2010 04:22 PM
Toluene	1.4	0.22	0.50		µg/L	1	4/12/2010 04:22 PM
trans-1,2-Dichloroethene	0.29	0.22	0.50	J	µg/L	1	4/12/2010 04:22 PM
Trichloroethene	ND	0.15	0.50		µg/L	1	4/12/2010 04:22 PM
Trichlorofluoromethane	ND	0.26	0.50		µg/L	1	4/12/2010 04:22 PM
Vinyl chloride	1.4	0.34	0.50		µg/L	1	4/12/2010 04:22 PM
Surr: 1,2-Dichloroethane-d4	81.2	0	70-130		%REC	1	4/12/2010 04:22 PM
Surr: 4-Bromofluorobenzene	90.9	0	70-130		%REC	1	4/12/2010 04:22 PM
Surr: Dibromofluoromethane	86.5	0	70-130		%REC	1	4/12/2010 04:22 PM
Surr: Toluene-d8	84.9	0	70-130		%REC	1	4/12/2010 04:22 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-8
Lab Order:	111182	**Collection Date:**	4/9/2010 11:40:00 AM
Project:	AB&I Foundry, 01-ABI.001	**Matrix:**	GROUNDWATER
Lab ID:	111182-003A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS2_100413A** QC Batch: **Q10VW075** PrepDate: Analyst: **SLL**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.3	2.5		µg/L	5	4/13/2010 11:21 AM
1,1,1-Trichloroethane	ND	1.3	2.5		µg/L	5	4/13/2010 11:21 AM
1,1,2,2-Tetrachloroethane	ND	1.7	2.5		µg/L	5	4/13/2010 11:21 AM
1,1,2-Trichloroethane	ND	2.2	2.5		µg/L	5	4/13/2010 11:21 AM
1,1-Dichloroethane	32	0.83	2.5		µg/L	5	4/13/2010 11:21 AM
1,1-Dichloroethene	2.3	0.95	2.5	J	µg/L	5	4/13/2010 11:21 AM
1,1-Dichloropropene	ND	1.5	2.5		µg/L	5	4/13/2010 11:21 AM
1,2,3-Trichlorobenzene	ND	2.4	2.5		µg/L	5	4/13/2010 11:21 AM
1,2,3-Trichloropropane	ND	1.2	2.5		µg/L	5	4/13/2010 11:21 AM
1,2,4-Trichlorobenzene	ND	2.2	2.5		µg/L	5	4/13/2010 11:21 AM
1,2,4-Trimethylbenzene	ND	2.2	2.5		µg/L	5	4/13/2010 11:21 AM
1,2-Dibromo-3-chloropropane	ND	1.8	2.5		µg/L	5	4/13/2010 11:21 AM
1,2-Dibromoethane	ND	1.9	2.5		µg/L	5	4/13/2010 11:21 AM
1,2-Dichlorobenzene	ND	1.4	2.5		µg/L	5	4/13/2010 11:21 AM
1,2-Dichloroethane	1.0	0.82	2.5	J	µg/L	5	4/13/2010 11:21 AM
1,2-Dichloropropane	ND	1.0	2.5		µg/L	5	4/13/2010 11:21 AM
1,3,5-Trimethylbenzene	ND	1.8	2.5		µg/L	5	4/13/2010 11:21 AM
1,3-Dichlorobenzene	ND	1.4	2.5		µg/L	5	4/13/2010 11:21 AM
1,3-Dichloropropane	ND	1.6	2.5		µg/L	5	4/13/2010 11:21 AM
1,4-Dichlorobenzene	ND	1.2	2.5		µg/L	5	4/13/2010 11:21 AM
2,2-Dichloropropane	ND	1.6	2.5		µg/L	5	4/13/2010 11:21 AM
2-Chlorotoluene	ND	1.5	2.5		µg/L	5	4/13/2010 11:21 AM
4-Chlorotoluene	ND	1.2	2.5		µg/L	5	4/13/2010 11:21 AM
4-Isopropyltoluene	ND	1.8	2.5		µg/L	5	4/13/2010 11:21 AM
Benzene	2.4	0.85	2.5	J	µg/L	5	4/13/2010 11:21 AM
Bromobenzene	ND	1.1	2.5		µg/L	5	4/13/2010 11:21 AM
Bromodichloromethane	ND	1.9	2.5		µg/L	5	4/13/2010 11:21 AM
Bromoform	ND	1.5	2.5		µg/L	5	4/13/2010 11:21 AM
Bromomethane	ND	1.6	2.5		µg/L	5	4/13/2010 11:21 AM
Carbon tetrachloride	ND	1.9	2.5		µg/L	5	4/13/2010 11:21 AM
Chlorobenzene	ND	1.4	2.5		µg/L	5	4/13/2010 11:21 AM
Chloroethane	1400	35	50		µg/L	100	4/12/2010 01:07 PM
Chloroform	ND	1.2	2.5		µg/L	5	4/13/2010 11:21 AM
Chloromethane	ND	1.6	2.5		µg/L	5	4/13/2010 11:21 AM
cis-1,2-Dichloroethene	ND	0.74	2.5		µg/L	5	4/13/2010 11:21 AM

Qualifiers:

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified
DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-8
Lab Order:	111182	**Collection Date:**	4/9/2010 11:40:00 AM
Project:	AB&I Foundry, 01-ABI.001	**Matrix:**	GROUNDWATER
Lab ID:	111182-003A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS2_100413A** QC Batch: **Q10VW075** PrepDate: Analyst: **SLL**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	1.4	2.5		µg/L	5	4/13/2010 11:21 AM
Dibromochloromethane	ND	2.0	2.5		µg/L	5	4/13/2010 11:21 AM
Dibromomethane	ND	0.93	2.5		µg/L	5	4/13/2010 11:21 AM
Dichlorodifluoromethane	ND	1.6	2.5		µg/L	5	4/13/2010 11:21 AM
Ethylbenzene	ND	1.1	2.5		µg/L	5	4/13/2010 11:21 AM
Hexachlorobutadiene	ND	1.4	2.5		µg/L	5	4/13/2010 11:21 AM
Isopropylbenzene	2.4	1.5	2.5	J	µg/L	5	4/13/2010 11:21 AM
m,p-Xylene	ND	2.5	5.0		µg/L	5	4/13/2010 11:21 AM
Methylene chloride	ND	5.0	5.0		µg/L	5	4/13/2010 11:21 AM
n-Butylbenzene	ND	1.5	2.5		µg/L	5	4/13/2010 11:21 AM
n-Propylbenzene	ND	1.8	2.5		µg/L	5	4/13/2010 11:21 AM
Naphthalene	ND	1.8	2.5		µg/L	5	4/13/2010 11:21 AM
o-Xylene	ND	1.3	2.5		µg/L	5	4/13/2010 11:21 AM
sec-Butylbenzene	ND	1.6	2.5		µg/L	5	4/13/2010 11:21 AM
Styrene	ND	1.9	2.5		µg/L	5	4/13/2010 11:21 AM
tert-Butylbenzene	ND	1.8	2.5		µg/L	5	4/13/2010 11:21 AM
Tetrachloroethene	ND	0.97	2.5		µg/L	5	4/13/2010 11:21 AM
Toluene	ND	1.1	2.5		µg/L	5	4/13/2010 11:21 AM
trans-1,2-Dichloroethene	ND	1.1	2.5		µg/L	5	4/13/2010 11:21 AM
Trichloroethene	ND	0.74	2.5		µg/L	5	4/13/2010 11:21 AM
Trichlorofluoromethane	ND	1.3	2.5		µg/L	5	4/13/2010 11:21 AM
Vinyl chloride	2.2	1.7	2.5	J	µg/L	5	4/13/2010 11:21 AM
Surr: 1,2-Dichloroethane-d4	88.8	0	70-130		%REC	100	4/12/2010 01:07 PM
Surr: 1,2-Dichloroethane-d4	81.3	0	70-130		%REC	5	4/13/2010 11:21 AM
Surr: 4-Bromofluorobenzene	104	0	70-130		%REC	5	4/13/2010 11:21 AM
Surr: 4-Bromofluorobenzene	90.2	0	70-130		%REC	100	4/12/2010 01:07 PM
Surr: Dibromofluoromethane	86.2	0	70-130		%REC	5	4/13/2010 11:21 AM
Surr: Dibromofluoromethane	94.3	0	70-130		%REC	100	4/12/2010 01:07 PM
Surr: Toluene-d8	88.7	0	70-130		%REC	5	4/13/2010 11:21 AM
Surr: Toluene-d8	81.6	0	70-130		%REC	100	4/12/2010 01:07 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	Trip Blank
Lab Order:	111182	**Collection Date:**	
Project:	AB&I Foundry, 01-ABI.001	**Matrix:**	AQUEOUS
Lab ID:	111182-004A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS2_100412A** QC Batch: **Q10VW074** PrepDate: Analyst: **SLL**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	0.45	0.50		µg/L	1	4/12/2010 11:19 AM
1,1,1-Trichloroethane	ND	0.27	0.50		µg/L	1	4/12/2010 11:19 AM
1,1,2,2-Tetrachloroethane	ND	0.35	0.50		µg/L	1	4/12/2010 11:19 AM
1,1,2-Trichloroethane	ND	0.43	0.50		µg/L	1	4/12/2010 11:19 AM
1,1-Dichloroethane	ND	0.17	0.50		µg/L	1	4/12/2010 11:19 AM
1,1-Dichloroethene	ND	0.19	0.50		µg/L	1	4/12/2010 11:19 AM
1,1-Dichloropropene	ND	0.30	0.50		µg/L	1	4/12/2010 11:19 AM
1,2,3-Trichlorobenzene	ND	0.48	0.50		µg/L	1	4/12/2010 11:19 AM
1,2,3-Trichloropropane	ND	0.24	0.50		µg/L	1	4/12/2010 11:19 AM
1,2,4-Trichlorobenzene	ND	0.43	0.50		µg/L	1	4/12/2010 11:19 AM
1,2,4-Trimethylbenzene	ND	0.44	0.50		µg/L	1	4/12/2010 11:19 AM
1,2-Dibromo-3-chloropropane	ND	0.35	0.50		µg/L	1	4/12/2010 11:19 AM
1,2-Dibromoethane	ND	0.37	0.50		µg/L	1	4/12/2010 11:19 AM
1,2-Dichlorobenzene	ND	0.27	0.50		µg/L	1	4/12/2010 11:19 AM
1,2-Dichloroethane	ND	0.16	0.50		µg/L	1	4/12/2010 11:19 AM
1,2-Dichloropropane	ND	0.20	0.50		µg/L	1	4/12/2010 11:19 AM
1,3,5-Trimethylbenzene	ND	0.36	0.50		µg/L	1	4/12/2010 11:19 AM
1,3-Dichlorobenzene	ND	0.28	0.50		µg/L	1	4/12/2010 11:19 AM
1,3-Dichloropropane	ND	0.32	0.50		µg/L	1	4/12/2010 11:19 AM
1,4-Dichlorobenzene	ND	0.24	0.50		µg/L	1	4/12/2010 11:19 AM
2,2-Dichloropropane	ND	0.32	0.50		µg/L	1	4/12/2010 11:19 AM
2-Chlorotoluene	ND	0.31	0.50		µg/L	1	4/12/2010 11:19 AM
4-Chlorotoluene	ND	0.23	0.50		µg/L	1	4/12/2010 11:19 AM
4-Isopropyltoluene	ND	0.36	0.50		µg/L	1	4/12/2010 11:19 AM
Benzene	ND	0.17	0.50		µg/L	1	4/12/2010 11:19 AM
Bromobenzene	ND	0.21	0.50		µg/L	1	4/12/2010 11:19 AM
Bromodichloromethane	ND	0.39	0.50		µg/L	1	4/12/2010 11:19 AM
Bromoform	ND	0.30	0.50		µg/L	1	4/12/2010 11:19 AM
Bromomethane	ND	0.32	0.50		µg/L	1	4/12/2010 11:19 AM
Carbon tetrachloride	ND	0.38	0.50		µg/L	1	4/12/2010 11:19 AM
Chlorobenzene	ND	0.28	0.50		µg/L	1	4/12/2010 11:19 AM
Chloroethane	ND	0.35	0.50		µg/L	1	4/12/2010 11:19 AM
Chloroform	ND	0.23	0.50		µg/L	1	4/12/2010 11:19 AM
Chloromethane	ND	0.32	0.50		µg/L	1	4/12/2010 11:19 AM
cis-1,2-Dichloroethene	ND	0.15	0.50		µg/L	1	4/12/2010 11:19 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	Trip Blank
Lab Order:	111182	**Collection Date:**	
Project:	AB&I Foundry, 01-ABI.001	**Matrix:**	AQUEOUS
Lab ID:	111182-004A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS2_100412A** QC Batch: **Q10VW074** PrepDate: Analyst: **SLL**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	0.29	0.50		µg/L	1	4/12/2010 11:19 AM
Dibromochloromethane	ND	0.40	0.50		µg/L	1	4/12/2010 11:19 AM
Dibromomethane	ND	0.19	0.50		µg/L	1	4/12/2010 11:19 AM
Dichlorodifluoromethane	ND	0.33	0.50		µg/L	1	4/12/2010 11:19 AM
Ethylbenzene	ND	0.22	0.50		µg/L	1	4/12/2010 11:19 AM
Hexachlorobutadiene	ND	0.28	0.50		µg/L	1	4/12/2010 11:19 AM
Isopropylbenzene	ND	0.30	0.50		µg/L	1	4/12/2010 11:19 AM
m,p-Xylene	ND	0.49	1.0		µg/L	1	4/12/2010 11:19 AM
Methylene chloride	ND	1.0	1.0		µg/L	1	4/12/2010 11:19 AM
n-Butylbenzene	ND	0.30	0.50		µg/L	1	4/12/2010 11:19 AM
n-Propylbenzene	ND	0.36	0.50		µg/L	1	4/12/2010 11:19 AM
Naphthalene	ND	0.35	0.50		µg/L	1	4/12/2010 11:19 AM
o-Xylene	ND	0.27	0.50		µg/L	1	4/12/2010 11:19 AM
sec-Butylbenzene	ND	0.33	0.50		µg/L	1	4/12/2010 11:19 AM
Styrene	ND	0.38	0.50		µg/L	1	4/12/2010 11:19 AM
tert-Butylbenzene	ND	0.35	0.50		µg/L	1	4/12/2010 11:19 AM
Tetrachloroethene	ND	0.19	0.50		µg/L	1	4/12/2010 11:19 AM
Toluene	ND	0.22	0.50		µg/L	1	4/12/2010 11:19 AM
trans-1,2-Dichloroethene	ND	0.22	0.50		µg/L	1	4/12/2010 11:19 AM
Trichloroethene	ND	0.15	0.50		µg/L	1	4/12/2010 11:19 AM
Trichlorofluoromethane	ND	0.26	0.50		µg/L	1	4/12/2010 11:19 AM
Vinyl chloride	ND	0.34	0.50		µg/L	1	4/12/2010 11:19 AM
Surr: 1,2-Dichloroethane-d4	104	0	70-130		%REC	1	4/12/2010 11:19 AM
Surr: 4-Bromofluorobenzene	96.4	0	70-130		%REC	1	4/12/2010 11:19 AM
Surr: Dibromofluoromethane	102	0	70-130		%REC	1	4/12/2010 11:19 AM
Surr: Toluene-d8	86.4	0	70-130		%REC	1	4/12/2010 11:19 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-9
Lab Order:	111182	**Collection Date:**	4/9/2010 10:00:00 AM
Project:	AB&I Foundry, 01-ABI.001	**Matrix:**	GROUNDWATER
Lab ID:	111182-001B		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
		EPA 8015B(M)				
RunID: GC2_100412A	QC Batch: E10VW005			PrepDate:		Analyst: **CL**
GRO	3.3	0.050		mg/L	1	4/12/2010 06:56 PM
Surr: Bromofluorobenzene (FID)	101	70-130		%REC	1	4/12/2010 06:56 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-9
Lab Order:	111182	**Collection Date:**	4/9/2010 10:00:00 AM
Project:	AB&I Foundry, 01-ABI.001	**Matrix:**	GROUNDWATER
Lab ID:	111182-001C		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SILICA GEL CLEANUP DRO BY GC-FID						
EPA 3510C				**EPA 8015B**		
RunID: GC16_100415A	QC Batch: 63422			PrepDate: 4/15/2010	Analyst: **CBR**	
DRO	0.32	0.050		mg/L	1	4/15/2010 05:15 PM
Surr: p-Terphenyl	88.0	36-126		%REC	1	4/15/2010 05:15 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-3
Lab Order:	111182	**Collection Date:**	4/9/2010 10:50:00 AM
Project:	AB&I Foundry, 01-ABI.001	**Matrix:**	GROUNDWATER
Lab ID:	111182-002B		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED GASES IN WATER						
			RSK175			
RunID: GC18_100416A	QC Batch: Z10A021			PrepDate:		Analyst: **BB**
Ethane	ND	2.0		ug/L	1	4/16/2010 02:34 PM
Ethylene	ND	3.0		ug/L	1	4/16/2010 02:34 PM
Methane	1900	20		ug/L	20	4/16/2010 02:48 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-3
Lab Order:	111182	**Collection Date:**	4/9/2010 10:50:00 AM
Project:	AB&I Foundry, 01-ABI.001	**Matrix:**	GROUNDWATER
Lab ID:	111182-002C		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON						
		SM5310B				
RunID: TOC1_100412A	QC Batch: R120068			PrepDate:		Analyst: **JSD**
Organic Carbon, Total	ND	3.0		mg/L	1	4/12/2010 04:07 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-8
Lab Order:	111182	**Collection Date:**	4/9/2010 11:40:00 AM
Project:	AB&I Foundry, 01-ABI.001	**Matrix:**	GROUNDWATER
Lab ID:	111182-003B		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED GASES IN WATER						
			RSK175			
RunID: GC18_100416A	QC Batch: Z10A021			PrepDate:		Analyst: **BB**
Ethane	ND	4.0		ug/L	2	4/16/2010 03:01 PM
Ethylene	16	6.0		ug/L	2	4/16/2010 03:01 PM
Methane	280	2.0		ug/L	2	4/16/2010 03:15 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-8
Lab Order:	111182	**Collection Date:**	4/9/2010 11:40:00 AM
Project:	AB&I Foundry, 01-ABI.001	**Matrix:**	GROUNDWATER
Lab ID:	111182-003C		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON						
		SM5310B				
RunID: TOC1_100412A	QC Batch: R120068			PrepDate:		Analyst: **JSD**
Organic Carbon, Total	420	15		mg/L	5	4/12/2010 05:12 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT: The Source Group Inc.
Work Order: 111182
Project: AB&I Foundry, 01-ABI.001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **Q100412LCS1** SampType: **LCS** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **120067**
Client ID: **LCSW** Batch ID: **Q10VW074** TestNo: **EPA 8260B** Analysis Date: **4/12/2010** SeqNo: **1914021**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	21.960	0.50	20.00	0	110	70	130				
Benzene	43.570	0.50	40.00	0	109	70	130				
Chlorobenzene	21.550	0.50	20.00	0	108	70	130				
MTBE	21.620	0.50	20.00	0	108	70	130				
Toluene	43.730	0.50	40.00	0	109	70	130				
Trichloroethene	22.000	0.50	20.00	0	110	70	130				
Surr: 1,2-Dichloroethane-d4	20.340		25.00		81.4	70	130				
Surr: 4-Bromofluorobenzene	24.510		25.00		98.0	70	130				
Surr: Dibromofluoromethane	21.480		25.00		85.9	70	130				
Surr: Toluene-d8	22.470		25.00		89.9	70	130				

Sample ID: **Q100412MB2MS** SampType: **MS** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **120067**
Client ID: **ZZZZZZ** Batch ID: **Q10VW074** TestNo: **EPA 8260B** Analysis Date: **4/12/2010** SeqNo: **1914022**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	20.320	0.50	20.00	0	102	70	130				
Benzene	39.460	0.50	40.00	0	98.6	70	130				
Chlorobenzene	19.330	0.50	20.00	0	96.7	70	130				
Toluene	40.130	0.50	40.00	0	100	70	130				
Trichloroethene	19.770	0.50	20.00	0	98.8	70	130				
Surr: 1,2-Dichloroethane-d4	18.810		25.00		75.2	70	130				
Surr: 4-Bromofluorobenzene	23.040		25.00		92.2	70	130				
Surr: Dibromofluoromethane	19.980		25.00		79.9	70	130				
Surr: Toluene-d8	21.420		25.00		85.7	70	130				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: The Source Group Inc.
Work Order: 111182
Project: AB&I Foundry, 01-ABI.001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **Q100412MB2MSD** SampType: **MSD** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **120067**
Client ID: **ZZZZZZ** Batch ID: **Q10VW074** TestNo: **EPA 8260B** Analysis Date: **4/12/2010** SeqNo: **1914023**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	20.060	0.50	20.00	0	100	70	130	20.32	1.29	20	
Benzene	41.110	0.50	40.00	0	103	70	130	39.46	4.10	20	
Chlorobenzene	19.770	0.50	20.00	0	98.8	70	130	19.33	2.25	20	
Toluene	41.320	0.50	40.00	0	103	70	130	40.13	2.92	20	
Trichloroethene	20.440	0.50	20.00	0	102	70	130	19.77	3.33	20	
Surr: 1,2-Dichloroethane-d4	18.880		25.00		75.5	70	130		0	0	
Surr: 4-Bromofluorobenzene	22.570		25.00		90.3	70	130		0	0	
Surr: Dibromofluoromethane	19.970		25.00		79.9	70	130		0	0	
Surr: Toluene-d8	21.460		25.00		85.8	70	130		0	0	

Sample ID: **Q100412MB2** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **120067**
Client ID: **PBW** Batch ID: **Q10VW074** TestNo: **EPA 8260B** Analysis Date: **4/12/2010** SeqNo: **1914024**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.50									
1,1,1-Trichloroethane	ND	0.50									
1,1,2,2-Tetrachloroethane	ND	0.50									
1,1,2-Trichloroethane	ND	0.50									
1,1-Dichloroethane	ND	0.50									
1,1-Dichloroethene	ND	0.50									
1,1-Dichloropropene	ND	0.50									
1,2,3-Trichlorobenzene	ND	0.50									
1,2,3-Trichloropropane	ND	0.50									
1,2,4-Trichlorobenzene	ND	0.50									
1,2,4-Trimethylbenzene	ND	0.50									
1,2-Dibromo-3-chloropropane	ND	0.50									
1,2-Dibromoethane	ND	0.50									
1,2-Dichlorobenzene	ND	0.50									
1,2-Dichloroethane	ND	0.50									
1,2-Dichloropropane	ND	0.50									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: The Source Group Inc.
Work Order: 111182
Project: AB&I Foundry, 01-ABI.001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **Q100412MB2** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **120067**
Client ID: **PBW** Batch ID: **Q10VW074** TestNo: **EPA 8260B** Analysis Date: **4/12/2010** SeqNo: **1914024**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3,5-Trimethylbenzene	ND	0.50									
1,3-Dichlorobenzene	ND	0.50									
1,3-Dichloropropane	ND	0.50									
1,4-Dichlorobenzene	ND	0.50									
2,2-Dichloropropane	ND	0.50									
2-Chlorotoluene	ND	0.50									
4-Chlorotoluene	ND	0.50									
4-Isopropyltoluene	ND	0.50									
Benzene	ND	0.50									
Bromobenzene	ND	0.50									
Bromodichloromethane	ND	0.50									
Bromoform	ND	0.50									
Bromomethane	ND	0.50									
Carbon tetrachloride	ND	0.50									
Chlorobenzene	ND	0.50									
Chloroethane	ND	0.50									
Chloroform	ND	0.50									
Chloromethane	ND	0.50									
cis-1,2-Dichloroethene	ND	0.50									
cis-1,3-Dichloropropene	ND	0.50									
Dibromochloromethane	ND	0.50									
Dibromomethane	ND	0.50									
Dichlorodifluoromethane	ND	0.50									
Ethylbenzene	ND	0.50									
Hexachlorobutadiene	ND	0.50									
Isopropylbenzene	ND	0.50									
m,p-Xylene	ND	1.0									
Methylene chloride	ND	1.0									
n-Butylbenzene	ND	0.50									
n-Propylbenzene	ND	0.50									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: The Source Group Inc.
Work Order: 111182
Project: AB&I Foundry, 01-ABI.001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **Q100412MB2** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **120067**
Client ID: **PBW** Batch ID: **Q10VW074** TestNo: **EPA 8260B** Analysis Date: **4/12/2010** SeqNo: **1914024**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	0.50									
o-Xylene	ND	0.50									
sec-Butylbenzene	ND	0.50									
Styrene	ND	0.50									
tert-Butylbenzene	ND	0.50									
Tetrachloroethene	ND	0.50									
Toluene	ND	0.50									
trans-1,2-Dichloroethene	ND	0.50									
Trichloroethene	ND	0.50									
Trichlorofluoromethane	ND	0.50									
Vinyl chloride	ND	0.50									
Surr: 1,2-Dichloroethane-d4	21.520		25.00		86.1	70	130				
Surr: 4-Bromofluorobenzene	23.780		25.00		95.1	70	130				
Surr: Dibromofluoromethane	22.330		25.00		89.3	70	130				
Surr: Toluene-d8	21.310		25.00		85.2	70	130				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: The Source Group Inc.
Work Order: 111182
Project: AB&I Foundry, 01-ABI.001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **Q100413LCS1** SampType: **LCS** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **120115**
Client ID: **LCSW** Batch ID: **Q10VW075** TestNo: **EPA 8260B** Analysis Date: **4/13/2010** SeqNo: **1916177**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	20.480	0.50	20.00	0	102	70	130				
Benzene	42.940	0.50	40.00	0	107	70	130				
Chlorobenzene	20.420	0.50	20.00	0	102	70	130				
MTBE	21.930	0.50	20.00	0	110	70	130				
Toluene	42.140	0.50	40.00	0	105	70	130				
Trichloroethene	20.870	0.50	20.00	0	104	70	130				
Surr: 1,2-Dichloroethane-d4	19.900		25.00		79.6	70	130				
Surr: 4-Bromofluorobenzene	25.330		25.00		101	70	130				
Surr: Dibromofluoromethane	21.550		25.00		86.2	70	130				
Surr: Toluene-d8	23.280		25.00		93.1	70	130				

Sample ID: **Q100413MB2MS** SampType: **MS** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **120115**
Client ID: **ZZZZZZ** Batch ID: **Q10VW075** TestNo: **EPA 8260B** Analysis Date: **4/13/2010** SeqNo: **1916178**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	21.170	0.50	20.00	0	106	70	130				
Benzene	40.930	0.50	40.00	0	102	70	130				
Chlorobenzene	19.810	0.50	20.00	0	99.0	70	130				
Toluene	41.100	0.50	40.00	0	103	70	130				
Trichloroethene	20.290	0.50	20.00	0	101	70	130				
Surr: 1,2-Dichloroethane-d4	18.630		25.00		74.5	70	130				
Surr: 4-Bromofluorobenzene	24.710		25.00		98.8	70	130				
Surr: Dibromofluoromethane	21.080		25.00		84.3	70	130				
Surr: Toluene-d8	22.410		25.00		89.6	70	130				

Sample ID: **Q100413MB2MSD** SampType: **MSD** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **120115**
Client ID: **ZZZZZZ** Batch ID: **Q10VW075** TestNo: **EPA 8260B** Analysis Date: **4/13/2010** SeqNo: **1916179**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	20.400	0.50	20.00	0	102	70	130	21.17	3.70	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: The Source Group Inc.
Work Order: 111182
Project: AB&I Foundry, 01-ABI.001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **Q100413MB2MSD** SampType: **MSD** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **120115**
Client ID: **ZZZZZZ** Batch ID: **Q10VW075** TestNo: **EPA 8260B** Analysis Date: **4/13/2010** SeqNo: **1916179**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	42.740	0.50	40.00	0	107	70	130	40.93	4.33	20	
Chlorobenzene	19.910	0.50	20.00	0	99.6	70	130	19.81	0.504	20	
Toluene	42.070	0.50	40.00	0	105	70	130	41.10	2.33	20	
Trichloroethene	20.270	0.50	20.00	0	101	70	130	20.29	0.0986	20	
Surr: 1,2-Dichloroethane-d4	18.940		25.00		75.8	70	130		0	0	
Surr: 4-Bromofluorobenzene	25.010		25.00		100	70	130		0	0	
Surr: Dibromofluoromethane	21.010		25.00		84.0	70	130		0	0	
Surr: Toluene-d8	23.290		25.00		93.2	70	130		0	0	

Sample ID: **Q100413MB2** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **120115**
Client ID: **PBW** Batch ID: **Q10VW075** TestNo: **EPA 8260B** Analysis Date: **4/13/2010** SeqNo: **1916180**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.50									
1,1,1-Trichloroethane	ND	0.50									
1,1,2,2-Tetrachloroethane	ND	0.50									
1,1,2-Trichloroethane	ND	0.50									
1,1-Dichloroethane	ND	0.50									
1,1-Dichloroethene	ND	0.50									
1,1-Dichloropropene	ND	0.50									
1,2,3-Trichlorobenzene	ND	0.50									
1,2,3-Trichloropropane	ND	0.50									
1,2,4-Trichlorobenzene	ND	0.50									
1,2,4-Trimethylbenzene	ND	0.50									
1,2-Dibromo-3-chloropropane	ND	0.50									
1,2-Dibromoethane	ND	0.50									
1,2-Dichlorobenzene	ND	0.50									
1,2-Dichloroethane	ND	0.50									
1,2-Dichloropropane	ND	0.50									
1,3,5-Trimethylbenzene	ND	0.50									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: The Source Group Inc.
Work Order: 111182
Project: AB&I Foundry, 01-ABI.001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **Q100413MB2** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **120115**
Client ID: **PBW** Batch ID: **Q10VW075** TestNo: **EPA 8260B** Analysis Date: **4/13/2010** SeqNo: **1916180**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	ND	0.50									
1,3-Dichloropropane	ND	0.50									
1,4-Dichlorobenzene	ND	0.50									
2,2-Dichloropropane	ND	0.50									
2-Chlorotoluene	ND	0.50									
4-Chlorotoluene	ND	0.50									
4-Isopropyltoluene	ND	0.50									
Benzene	ND	0.50									
Bromobenzene	ND	0.50									
Bromodichloromethane	ND	0.50									
Bromoform	ND	0.50									
Bromomethane	ND	0.50									
Carbon tetrachloride	ND	0.50									
Chlorobenzene	ND	0.50									
Chloroethane	ND	0.50									
Chloroform	ND	0.50									
Chloromethane	ND	0.50									
cis-1,2-Dichloroethene	ND	0.50									
cis-1,3-Dichloropropene	ND	0.50									
Dibromochloromethane	ND	0.50									
Dibromomethane	ND	0.50									
Dichlorodifluoromethane	ND	0.50									
Ethylbenzene	ND	0.50									
Hexachlorobutadiene	ND	0.50									
Isopropylbenzene	ND	0.50									
m,p-Xylene	ND	1.0									
Methylene chloride	ND	1.0									
n-Butylbenzene	ND	0.50									
n-Propylbenzene	ND	0.50									
Naphthalene	ND	0.50									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: The Source Group Inc.
Work Order: 111182
Project: AB&I Foundry, 01-ABI.001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **Q100413MB2** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **120115**
Client ID: **PBW** Batch ID: **Q10VW075** TestNo: **EPA 8260B** Analysis Date: **4/13/2010** SeqNo: **1916180**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Xylene	ND	0.50									
sec-Butylbenzene	ND	0.50									
Styrene	ND	0.50									
tert-Butylbenzene	ND	0.50									
Tetrachloroethene	ND	0.50									
Toluene	ND	0.50									
trans-1,2-Dichloroethene	ND	0.50									
Trichloroethene	ND	0.50									
Trichlorofluoromethane	ND	0.50									
Vinyl chloride	ND	0.50									
Surr: 1,2-Dichloroethane-d4	20.650		25.00		82.6	70	130				
Surr: 4-Bromofluorobenzene	26.330		25.00		105	70	130				
Surr: Dibromofluoromethane	22.490		25.00		90.0	70	130				
Surr: Toluene-d8	22.580		25.00		90.3	70	130				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: The Source Group Inc.
Work Order: 111182
Project: AB&I Foundry, 01-ABI.001

ANALYTICAL QC SUMMARY REPORT

TestCode: 415.1_5310B_W

Sample ID: **MB-R120068**	SampType: **MBLK**	TestCode: **415.1_5310B**	Units: **mg/L**	Prep Date:	RunNo: **120068**
Client ID: **PBW**	Batch ID: **R120068**	TestNo: **SM5310B**		Analysis Date: **4/12/2010**	SeqNo: **1914027**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	ND	3.0									

Sample ID: **LCS-R120068**	SampType: **LCS**	TestCode: **415.1_5310B**	Units: **mg/L**	Prep Date:	RunNo: **120068**
Client ID: **LCSW**	Batch ID: **R120068**	TestNo: **SM5310B**		Analysis Date: **4/12/2010**	SeqNo: **1914028**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	19.640	3.0	20.00	0	98.2	80	120				

Sample ID: **111182-003C-MS**	SampType: **MS**	TestCode: **415.1_5310B**	Units: **mg/L**	Prep Date:	RunNo: **120068**
Client ID: **MW-8**	Batch ID: **R120068**	TestNo: **SM5310B**		Analysis Date: **4/12/2010**	SeqNo: **1914031**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	456.100	15	20.00	424.4	159	70	130				S

Sample ID: **111182-003C-MSD**	SampType: **MSD**	TestCode: **415.1_5310B**	Units: **mg/L**	Prep Date:	RunNo: **120068**
Client ID: **MW-8**	Batch ID: **R120068**	TestNo: **SM5310B**		Analysis Date: **4/12/2010**	SeqNo: **1914032**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	438.950	15	20.00	424.4	72.8	70	130	456.1	3.83	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

CLIENT: The Source Group Inc.
Work Order: 111182
Project: AB&I Foundry, 01-ABI.001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_DSL_LLSGT

Sample ID: **MB-63422**	SampType: **MBLK**	TestCode: **8015_W_DSL**	Units: **mg/L**	Prep Date: **4/15/2010**	RunNo: **120233**
Client ID: **PBW**	Batch ID: **63422**	TestNo: **EPA 8015B**	**EPA 3510C**	Analysis Date: **4/15/2010**	SeqNo: **1917048**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	ND	0.050									
Surr: p-Terphenyl	0.084		0.08000		104	36	126				

Sample ID: **LCS-63422**	SampType: **LCS**	TestCode: **8015_W_DSL**	Units: **mg/L**	Prep Date: **4/15/2010**	RunNo: **120233**
Client ID: **LCSW**	Batch ID: **63422**	TestNo: **EPA 8015B**	**EPA 3510C**	Analysis Date: **4/15/2010**	SeqNo: **1917049**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1.117	0.050	1.000	0	112	52	128				
Surr: p-Terphenyl	0.094		0.08000		118	36	126				

Sample ID: **MB-63422MS**	SampType: **MS**	TestCode: **8015_W_DSL**	Units: **mg/L**	Prep Date: **4/15/2010**	RunNo: **120233**
Client ID: **ZZZZZZ**	Batch ID: **63422**	TestNo: **EPA 8015B**	**EPA 3510C**	Analysis Date: **4/15/2010**	SeqNo: **1917050**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1.158	0.050	1.000	0	116	52	128				
Surr: p-Terphenyl	0.094		0.08000		117	36	126				

Sample ID: **MB-63422MSD**	SampType: **MSD**	TestCode: **8015_W_DSL**	Units: **mg/L**	Prep Date: **4/15/2010**	RunNo: **120233**
Client ID: **ZZZZZZ**	Batch ID: **63422**	TestNo: **EPA 8015B**	**EPA 3510C**	Analysis Date: **4/15/2010**	SeqNo: **1917051**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	1.143	0.050	1.000	0	114	52	128	1.158	1.38	20	
Surr: p-Terphenyl	0.089		0.08000		111	36	126		0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

CLIENT: The Source Group Inc.
Work Order: 111182
Project: AB&I Foundry, 01-ABI.001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_GP LL

Sample ID: **E100412MB2**	SampType: **MBLK**	TestCode: **8015_W_GP**	Units: **mg/L**	Prep Date:	RunNo: **120071**
Client ID: **PBW**	Batch ID: **E10VW005**	TestNo: **EPA 8015B(M**		Analysis Date: **4/12/2010**	SeqNo: **1914208**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	0.050									
Surr: Bromofluorobenzene (FID)	83.667		100.0		83.7	70	130				

Sample ID: **E100412MB1MS**	SampType: **MS**	TestCode: **8015_W_GP**	Units: **mg/L**	Prep Date:	RunNo: **120071**
Client ID: **ZZZZZZ**	Batch ID: **E10VW005**	TestNo: **EPA 8015B(M**		Analysis Date: **4/12/2010**	SeqNo: **1914214**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.850	0.050	1.000	0	85.0	70	130				
Surr: Bromofluorobenzene (FID)	86.989		100.0		87.0	70	130				

Sample ID: **E100412MB1MSD**	SampType: **MSD**	TestCode: **8015_W_GP**	Units: **mg/L**	Prep Date:	RunNo: **120071**
Client ID: **ZZZZZZ**	Batch ID: **E10VW005**	TestNo: **EPA 8015B(M**		Analysis Date: **4/12/2010**	SeqNo: **1914215**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.857	0.050	1.000	0	85.7	70	130	0.8500	0.820	20	
Surr: Bromofluorobenzene (FID)	88.943		100.0		88.9	70	130		0	0	

Sample ID: **E100412LCS4**	SampType: **LCS**	TestCode: **8015_W_GP**	Units: **mg/L**	Prep Date:	RunNo: **120071**
Client ID: **LCSW**	Batch ID: **E10VW005**	TestNo: **EPA 8015B(M**		Analysis Date: **4/12/2010**	SeqNo: **1914217**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.960	0.050	1.000	0	96.0	70	130				
Surr: Bromofluorobenzene (FID)	88.125		100.0		88.1	70	130				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

CLIENT: The Source Group Inc.
Work Order: 111182
Project: AB&I Foundry, 01-ABI.001

ANALYTICAL QC SUMMARY REPORT

TestCode: RSK175_ATL

Sample ID: **MB-Z10A021** SampType: **MBLK** TestCode: **RSK175_ATL** Units: **ug/L** Prep Date: RunNo: **120297**
Client ID: **PBW** Batch ID: **Z10A021** TestNo: **RSK175** Analysis Date: **4/16/2010** SeqNo: **1918651**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethane	ND	2.0									
Ethylene	ND	3.0									
Methane	ND	1.0									

Sample ID: **LCS-Z10A021** SampType: **LCS** TestCode: **RSK175_ATL** Units: **ug/L** Prep Date: RunNo: **120297**
Client ID: **LCSW** Batch ID: **Z10A021** TestNo: **RSK175** Analysis Date: **4/16/2010** SeqNo: **1918652**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethane	151.970	2.0	171.0	0	88.9	70	130				
Ethylene	166.290	3.0	212.0	0	78.4	70	130				
Methane	91.640	1.0	98.00	0	93.5	70	130				

Sample ID: **LCSD-Z10A021** SampType: **LCSD** TestCode: **RSK175_ATL** Units: **ug/L** Prep Date: RunNo: **120297**
Client ID: **LCSS02** Batch ID: **Z10A021** TestNo: **RSK175** Analysis Date: **4/16/2010** SeqNo: **1918653**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethane	143.420	2.0	171.0	0	83.9	70	130	152.0	5.79	20	
Ethylene	162.240	3.0	212.0	0	76.5	70	130	166.3	2.47	20	
Methane	86.910	1.0	98.00	0	88.7	70	130	91.64	5.30	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

Advanced Technology Laboratories
3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562. 989.4045 Fax: 562.989.4040

CHAIN OF CUSTODY RECORD

Pg 1 of 1

Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755
(562) 989-4045 • Fax (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.# :

Logged By: [illegible] Date: 4/10/10

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FEDEX ☐ Other: ONTRAC

Sample Condition Upon Receipt:
1. CHILLED 4.2 Y☑ N☐ 4. CUSTODY SEAL Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☑ 5. # OF SPLS MATCH COC Y☑ N☐
3. CONTAINER INTACT Y☑ N☐ 6. PRESERVED Y☑ N☑

Client: The Source Group, Inc.
Attn: Kent Reynolds
Address: 3451-C Vincent Rd.
City Pleasant Hill State CA Zip Code 94523
TEL: (925) 944-2856
FAX: (925) 944-2859

Project Name: AB&I Foundry Project #: 01-ABI.001 Sampler: (Printed Name) Nathan Gilkey (Signature)

Relinquished by: (Signature and Printed Name) Nathan Gilkey	Date: 4/9/10	Time: 1405	Received by: (Signature and Printed Name) FEDEX	Date: 4/10/10	Time: 1035
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Nathan Gilkey 4/9/10 (Print Name / Date)
Signature

Send Report To:
Attn: SAME
Co: as above
Address
City State Zip

Bill To:
Attn: SAME
Co: as above
Address
City State Zip

Special Instructions/Comments:
- 0.5 ug/L reporting limits
- include EDD & EDF reports
ID: T0600100065

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time
	111182 - 01	MW-9	4/9/10	1000
	- 2	MW-3		1050
	- 3	MW-8		1140
	- 4	Trip Blank	—	

Circle or Add Analysis(es) Requested: 8081A (Pesticides); 8082 (PCB); 8260B (Volatiles); 8270C (BNA); 6010B (Total Metal); 8015B (GRO) / ~~8260 (BTEX)~~; 8015B (DRO); 8021 (BTEX); TITLE 22 / CAM 17 (6010 / 7000); TPC Methanol extract silica gel c/u

SPECIFY APPROPRIATE MATRIX: SOLID; SOIL; DRINKING WATER; GROUND WATER; WASTEWATER; STORMWATER; AQUEOUS

TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
E	7	½ G	H	
	9	V G		
	9	V G		
	1	V G		

Q A / Q C: RTNE ☐ CT ☐ SWRCB ☐ Logcode ____ OTHER ____

- TAT starts 8 a.m. following day if samples received after 3 p.m.

TAT: A= Overnight ≤ 24 hr; B= Emergency Next workday; C= Critical 2 Workdays; D= Urgent 3 Workdays; E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

July 20, 2010

Kent Reynolds
The Source Group Inc.
3451 Vincent Dr., Suite C
Pleasant Hill, CA 94523

TEL: (925) 944-2856
FAX: (925) 944-2859

ELAP No.: 1838
NELAP No.: 02107CA
NEVADA.: CA-401
CSDLAC No.: 10196

Workorder No.: 112654

RE: ABI, 01-ABI-001

Attention: Kent Reynolds

Enclosed are the results for sample(s) received on July 10, 2010 by Advanced Technology Laboratories . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Eddie F. Rodriguez
Laboratory Director

CLIENT: The Source Group Inc.
Project: ABI, 01-ABI-001
Lab Order: 112654

CASE NARRATIVE

Sample Receiving / General Comments

Headspace <5-6 mm was noted on the voa vials of the following samples: MW-6 (5 vials), MW-3 (6 vials), MW-8 (3 vials), MW-98 (1 vial), MW-1 (2 vials), and MW-7 (1 vial).

Headspace >5-6 mm was noted on the voa vials of the following samples: MW-6 (1 vial) and MW-3 (3 vials).

Silica Gel Cleanup was performed on sample prior to the analysis, per client request.

Analytical Comments for EPA 8260B

Results were J-Flag. "J" is used to flag those results that are between the PQL (Practical Quantitation Limit) and the calculated MDL (Method Detection Limit). Results that are "J" Flagged are estimated values since it becomes difficult to accurately quantitate the analyte near the MDL.

Advanced Technology Laboratories
3275 Walnut Avenue, Signal Hill, CA 90755 Tel: 562. 989.4045 Fax: 562.989.4040

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-6
Lab Order:	112654	**Collection Date:**	7/8/2010 1:00:00 PM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-001A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS11_100713A** QC Batch: **A10VW149** PrepDate: Analyst: **SLL**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	0.45	0.50		µg/L	1	7/13/2010 02:23 PM
1,1,1-Trichloroethane	ND	0.27	0.50		µg/L	1	7/13/2010 02:23 PM
1,1,2,2-Tetrachloroethane	ND	0.35	0.50		µg/L	1	7/13/2010 02:23 PM
1,1,2-Trichloroethane	ND	0.43	0.50		µg/L	1	7/13/2010 02:23 PM
1,1-Dichloroethane	ND	0.17	0.50		µg/L	1	7/13/2010 02:23 PM
1,1-Dichloroethene	ND	0.19	0.50		µg/L	1	7/13/2010 02:23 PM
1,1-Dichloropropene	ND	0.30	0.50		µg/L	1	7/13/2010 02:23 PM
1,2,3-Trichlorobenzene	ND	0.48	0.50		µg/L	1	7/13/2010 02:23 PM
1,2,3-Trichloropropane	ND	0.24	0.50		µg/L	1	7/13/2010 02:23 PM
1,2,4-Trichlorobenzene	ND	0.43	0.50		µg/L	1	7/13/2010 02:23 PM
1,2,4-Trimethylbenzene	ND	0.44	0.50		µg/L	1	7/13/2010 02:23 PM
1,2-Dibromo-3-chloropropane	ND	0.35	0.50		µg/L	1	7/13/2010 02:23 PM
1,2-Dibromoethane	ND	0.37	0.50		µg/L	1	7/13/2010 02:23 PM
1,2-Dichlorobenzene	ND	0.27	0.50		µg/L	1	7/13/2010 02:23 PM
1,2-Dichloroethane	ND	0.16	0.50		µg/L	1	7/13/2010 02:23 PM
1,2-Dichloropropane	ND	0.20	0.50		µg/L	1	7/13/2010 02:23 PM
1,3,5-Trimethylbenzene	ND	0.36	0.50		µg/L	1	7/13/2010 02:23 PM
1,3-Dichlorobenzene	ND	0.28	0.50		µg/L	1	7/13/2010 02:23 PM
1,3-Dichloropropane	ND	0.32	0.50		µg/L	1	7/13/2010 02:23 PM
1,4-Dichlorobenzene	ND	0.24	0.50		µg/L	1	7/13/2010 02:23 PM
2,2-Dichloropropane	ND	0.32	0.50		µg/L	1	7/13/2010 02:23 PM
2-Chlorotoluene	ND	0.31	0.50		µg/L	1	7/13/2010 02:23 PM
4-Chlorotoluene	ND	0.23	0.50		µg/L	1	7/13/2010 02:23 PM
4-Isopropyltoluene	ND	0.36	0.50		µg/L	1	7/13/2010 02:23 PM
Benzene	ND	0.17	0.50		µg/L	1	7/13/2010 02:23 PM
Bromobenzene	ND	0.21	0.50		µg/L	1	7/13/2010 02:23 PM
Bromodichloromethane	ND	0.39	0.50		µg/L	1	7/13/2010 02:23 PM
Bromoform	ND	0.30	0.50		µg/L	1	7/13/2010 02:23 PM
Bromomethane	ND	0.32	0.50		µg/L	1	7/13/2010 02:23 PM
Carbon tetrachloride	ND	0.38	0.50		µg/L	1	7/13/2010 02:23 PM
Chlorobenzene	ND	0.28	0.50		µg/L	1	7/13/2010 02:23 PM
Chloroethane	ND	0.35	0.50		µg/L	1	7/13/2010 02:23 PM
Chloroform	ND	0.23	0.50		µg/L	1	7/13/2010 02:23 PM
Chloromethane	ND	0.32	0.50		µg/L	1	7/13/2010 02:23 PM
cis-1,2-Dichloroethene	ND	0.15	0.50		µg/L	1	7/13/2010 02:23 PM

Qualifiers:

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified
DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-6
Lab Order:	112654	**Collection Date:**	7/8/2010 1:00:00 PM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-001A		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **MS11_100713A**	QC Batch: **A10VW149**				PrepDate:		Analyst: **SLL**
cis-1,3-Dichloropropene	ND	0.29	0.50		µg/L	1	7/13/2010 02:23 PM
Dibromochloromethane	ND	0.40	0.50		µg/L	1	7/13/2010 02:23 PM
Dibromomethane	ND	0.19	0.50		µg/L	1	7/13/2010 02:23 PM
Dichlorodifluoromethane	ND	0.33	0.50		µg/L	1	7/13/2010 02:23 PM
Ethylbenzene	ND	0.22	0.50		µg/L	1	7/13/2010 02:23 PM
Hexachlorobutadiene	ND	0.28	0.50		µg/L	1	7/13/2010 02:23 PM
Isopropylbenzene	ND	0.30	0.50		µg/L	1	7/13/2010 02:23 PM
m,p-Xylene	ND	0.49	1.0		µg/L	1	7/13/2010 02:23 PM
Methylene chloride	ND	1.0	1.0		µg/L	1	7/13/2010 02:23 PM
n-Butylbenzene	ND	0.30	0.50		µg/L	1	7/13/2010 02:23 PM
n-Propylbenzene	ND	0.36	0.50		µg/L	1	7/13/2010 02:23 PM
Naphthalene	ND	0.35	0.50		µg/L	1	7/13/2010 02:23 PM
o-Xylene	ND	0.27	0.50		µg/L	1	7/13/2010 02:23 PM
sec-Butylbenzene	ND	0.33	0.50		µg/L	1	7/13/2010 02:23 PM
Styrene	ND	0.38	0.50		µg/L	1	7/13/2010 02:23 PM
tert-Butylbenzene	ND	0.35	0.50		µg/L	1	7/13/2010 02:23 PM
Tetrachloroethene	ND	0.19	0.50		µg/L	1	7/13/2010 02:23 PM
Toluene	ND	0.22	0.50		µg/L	1	7/13/2010 02:23 PM
trans-1,2-Dichloroethene	ND	0.22	0.50		µg/L	1	7/13/2010 02:23 PM
Trichloroethene	ND	0.15	0.50		µg/L	1	7/13/2010 02:23 PM
Trichlorofluoromethane	ND	0.26	0.50		µg/L	1	7/13/2010 02:23 PM
Vinyl chloride	ND	0.34	0.50		µg/L	1	7/13/2010 02:23 PM
Surr: 1,2-Dichloroethane-d4	89.3	0	70-130		%REC	1	7/13/2010 02:23 PM
Surr: 4-Bromofluorobenzene	102	0	70-130		%REC	1	7/13/2010 02:23 PM
Surr: Dibromofluoromethane	107	0	70-130		%REC	1	7/13/2010 02:23 PM
Surr: Toluene-d8	99.9	0	70-130		%REC	1	7/13/2010 02:23 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-4
Lab Order:	112654	**Collection Date:**	7/8/2010 1:50:00 PM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-002A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS11_100713A** QC Batch: **A10VW149** PrepDate: Analyst: **SLL**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	0.45	0.50		µg/L	1	7/13/2010 04:00 PM
1,1,1-Trichloroethane	ND	0.27	0.50		µg/L	1	7/13/2010 04:00 PM
1,1,2,2-Tetrachloroethane	ND	0.35	0.50		µg/L	1	7/13/2010 04:00 PM
1,1,2-Trichloroethane	ND	0.43	0.50		µg/L	1	7/13/2010 04:00 PM
1,1-Dichloroethane	ND	0.17	0.50		µg/L	1	7/13/2010 04:00 PM
1,1-Dichloroethene	ND	0.19	0.50		µg/L	1	7/13/2010 04:00 PM
1,1-Dichloropropene	ND	0.30	0.50		µg/L	1	7/13/2010 04:00 PM
1,2,3-Trichlorobenzene	ND	0.48	0.50		µg/L	1	7/13/2010 04:00 PM
1,2,3-Trichloropropane	ND	0.24	0.50		µg/L	1	7/13/2010 04:00 PM
1,2,4-Trichlorobenzene	ND	0.43	0.50		µg/L	1	7/13/2010 04:00 PM
1,2,4-Trimethylbenzene	ND	0.44	0.50		µg/L	1	7/13/2010 04:00 PM
1,2-Dibromo-3-chloropropane	ND	0.35	0.50		µg/L	1	7/13/2010 04:00 PM
1,2-Dibromoethane	ND	0.37	0.50		µg/L	1	7/13/2010 04:00 PM
1,2-Dichlorobenzene	ND	0.27	0.50		µg/L	1	7/13/2010 04:00 PM
1,2-Dichloroethane	ND	0.16	0.50		µg/L	1	7/13/2010 04:00 PM
1,2-Dichloropropane	ND	0.20	0.50		µg/L	1	7/13/2010 04:00 PM
1,3,5-Trimethylbenzene	ND	0.36	0.50		µg/L	1	7/13/2010 04:00 PM
1,3-Dichlorobenzene	ND	0.28	0.50		µg/L	1	7/13/2010 04:00 PM
1,3-Dichloropropane	ND	0.32	0.50		µg/L	1	7/13/2010 04:00 PM
1,4-Dichlorobenzene	ND	0.24	0.50		µg/L	1	7/13/2010 04:00 PM
2,2-Dichloropropane	ND	0.32	0.50		µg/L	1	7/13/2010 04:00 PM
2-Chlorotoluene	ND	0.31	0.50		µg/L	1	7/13/2010 04:00 PM
4-Chlorotoluene	ND	0.23	0.50		µg/L	1	7/13/2010 04:00 PM
4-Isopropyltoluene	ND	0.36	0.50		µg/L	1	7/13/2010 04:00 PM
Benzene	ND	0.17	0.50		µg/L	1	7/13/2010 04:00 PM
Bromobenzene	ND	0.21	0.50		µg/L	1	7/13/2010 04:00 PM
Bromodichloromethane	ND	0.39	0.50		µg/L	1	7/13/2010 04:00 PM
Bromoform	ND	0.30	0.50		µg/L	1	7/13/2010 04:00 PM
Bromomethane	ND	0.32	0.50		µg/L	1	7/13/2010 04:00 PM
Carbon tetrachloride	ND	0.38	0.50		µg/L	1	7/13/2010 04:00 PM
Chlorobenzene	ND	0.28	0.50		µg/L	1	7/13/2010 04:00 PM
Chloroethane	ND	0.35	0.50		µg/L	1	7/13/2010 04:00 PM
Chloroform	ND	0.23	0.50		µg/L	1	7/13/2010 04:00 PM
Chloromethane	ND	0.32	0.50		µg/L	1	7/13/2010 04:00 PM
cis-1,2-Dichloroethene	ND	0.15	0.50		µg/L	1	7/13/2010 04:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-4
Lab Order:	112654	**Collection Date:**	7/8/2010 1:50:00 PM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-002A		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **MS11_100713A**	QC Batch: **A10VW149**				PrepDate:		Analyst: **SLL**
cis-1,3-Dichloropropene	ND	0.29	0.50		µg/L	1	7/13/2010 04:00 PM
Dibromochloromethane	ND	0.40	0.50		µg/L	1	7/13/2010 04:00 PM
Dibromomethane	ND	0.19	0.50		µg/L	1	7/13/2010 04:00 PM
Dichlorodifluoromethane	ND	0.33	0.50		µg/L	1	7/13/2010 04:00 PM
Ethylbenzene	ND	0.22	0.50		µg/L	1	7/13/2010 04:00 PM
Hexachlorobutadiene	ND	0.28	0.50		µg/L	1	7/13/2010 04:00 PM
Isopropylbenzene	ND	0.30	0.50		µg/L	1	7/13/2010 04:00 PM
m,p-Xylene	ND	0.49	1.0		µg/L	1	7/13/2010 04:00 PM
Methylene chloride	ND	1.0	1.0		µg/L	1	7/13/2010 04:00 PM
n-Butylbenzene	ND	0.30	0.50		µg/L	1	7/13/2010 04:00 PM
n-Propylbenzene	ND	0.36	0.50		µg/L	1	7/13/2010 04:00 PM
Naphthalene	ND	0.35	0.50		µg/L	1	7/13/2010 04:00 PM
o-Xylene	ND	0.27	0.50		µg/L	1	7/13/2010 04:00 PM
sec-Butylbenzene	ND	0.33	0.50		µg/L	1	7/13/2010 04:00 PM
Styrene	ND	0.38	0.50		µg/L	1	7/13/2010 04:00 PM
tert-Butylbenzene	ND	0.35	0.50		µg/L	1	7/13/2010 04:00 PM
Tetrachloroethene	ND	0.19	0.50		µg/L	1	7/13/2010 04:00 PM
Toluene	ND	0.22	0.50		µg/L	1	7/13/2010 04:00 PM
trans-1,2-Dichloroethene	ND	0.22	0.50		µg/L	1	7/13/2010 04:00 PM
Trichloroethene	ND	0.15	0.50		µg/L	1	7/13/2010 04:00 PM
Trichlorofluoromethane	ND	0.26	0.50		µg/L	1	7/13/2010 04:00 PM
Vinyl chloride	ND	0.34	0.50		µg/L	1	7/13/2010 04:00 PM
Surr: 1,2-Dichloroethane-d4	87.3	0	70-130		%REC	1	7/13/2010 04:00 PM
Surr: 4-Bromofluorobenzene	105	0	70-130		%REC	1	7/13/2010 04:00 PM
Surr: Dibromofluoromethane	108	0	70-130		%REC	1	7/13/2010 04:00 PM
Surr: Toluene-d8	99.8	0	70-130		%REC	1	7/13/2010 04:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-3
Lab Order:	112654	**Collection Date:**	7/8/2010 2:35:00 PM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-003A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS11_100713A** QC Batch: **A10VW149** PrepDate: Analyst: **SLL**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	0.45	0.50		µg/L	1	7/13/2010 04:39 PM
1,1,1-Trichloroethane	ND	0.27	0.50		µg/L	1	7/13/2010 04:39 PM
1,1,2,2-Tetrachloroethane	ND	0.35	0.50		µg/L	1	7/13/2010 04:39 PM
1,1,2-Trichloroethane	ND	0.43	0.50		µg/L	1	7/13/2010 04:39 PM
1,1-Dichloroethane	0.58	0.17	0.50		µg/L	1	7/13/2010 04:39 PM
1,1-Dichloroethene	1.0	0.19	0.50		µg/L	1	7/13/2010 04:39 PM
1,1-Dichloropropene	ND	0.30	0.50		µg/L	1	7/13/2010 04:39 PM
1,2,3-Trichlorobenzene	ND	0.48	0.50		µg/L	1	7/13/2010 04:39 PM
1,2,3-Trichloropropane	ND	0.24	0.50		µg/L	1	7/13/2010 04:39 PM
1,2,4-Trichlorobenzene	ND	0.43	0.50		µg/L	1	7/13/2010 04:39 PM
1,2,4-Trimethylbenzene	ND	0.44	0.50		µg/L	1	7/13/2010 04:39 PM
1,2-Dibromo-3-chloropropane	ND	0.35	0.50		µg/L	1	7/13/2010 04:39 PM
1,2-Dibromoethane	ND	0.37	0.50		µg/L	1	7/13/2010 04:39 PM
1,2-Dichlorobenzene	ND	0.27	0.50		µg/L	1	7/13/2010 04:39 PM
1,2-Dichloroethane	ND	0.16	0.50		µg/L	1	7/13/2010 04:39 PM
1,2-Dichloropropane	ND	0.20	0.50		µg/L	1	7/13/2010 04:39 PM
1,3,5-Trimethylbenzene	ND	0.36	0.50		µg/L	1	7/13/2010 04:39 PM
1,3-Dichlorobenzene	ND	0.28	0.50		µg/L	1	7/13/2010 04:39 PM
1,3-Dichloropropane	ND	0.32	0.50		µg/L	1	7/13/2010 04:39 PM
1,4-Dichlorobenzene	ND	0.24	0.50		µg/L	1	7/13/2010 04:39 PM
2,2-Dichloropropane	ND	0.32	0.50		µg/L	1	7/13/2010 04:39 PM
2-Chlorotoluene	ND	0.31	0.50		µg/L	1	7/13/2010 04:39 PM
4-Chlorotoluene	ND	0.23	0.50		µg/L	1	7/13/2010 04:39 PM
4-Isopropyltoluene	ND	0.36	0.50		µg/L	1	7/13/2010 04:39 PM
Benzene	0.36	0.17	0.50	J	µg/L	1	7/13/2010 04:39 PM
Bromobenzene	ND	0.21	0.50		µg/L	1	7/13/2010 04:39 PM
Bromodichloromethane	ND	0.39	0.50		µg/L	1	7/13/2010 04:39 PM
Bromoform	ND	0.30	0.50		µg/L	1	7/13/2010 04:39 PM
Bromomethane	ND	0.32	0.50		µg/L	1	7/13/2010 04:39 PM
Carbon tetrachloride	ND	0.38	0.50		µg/L	1	7/13/2010 04:39 PM
Chlorobenzene	ND	0.28	0.50		µg/L	1	7/13/2010 04:39 PM
Chloroethane	39	0.35	0.50		µg/L	1	7/13/2010 04:39 PM
Chloroform	ND	0.23	0.50		µg/L	1	7/13/2010 04:39 PM
Chloromethane	ND	0.32	0.50		µg/L	1	7/13/2010 04:39 PM
cis-1,2-Dichloroethene	ND	0.15	0.50		µg/L	1	7/13/2010 04:39 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-3
Lab Order:	112654	**Collection Date:**	7/8/2010 2:35:00 PM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-003A		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **MS11_100713A**	QC Batch: **A10VW149**				PrepDate:		Analyst: **SLL**
cis-1,3-Dichloropropene	ND	0.29	0.50		µg/L	1	7/13/2010 04:39 PM
Dibromochloromethane	ND	0.40	0.50		µg/L	1	7/13/2010 04:39 PM
Dibromomethane	ND	0.19	0.50		µg/L	1	7/13/2010 04:39 PM
Dichlorodifluoromethane	ND	0.33	0.50		µg/L	1	7/13/2010 04:39 PM
Ethylbenzene	ND	0.22	0.50		µg/L	1	7/13/2010 04:39 PM
Hexachlorobutadiene	ND	0.28	0.50		µg/L	1	7/13/2010 04:39 PM
Isopropylbenzene	ND	0.30	0.50		µg/L	1	7/13/2010 04:39 PM
m,p-Xylene	ND	0.49	1.0		µg/L	1	7/13/2010 04:39 PM
Methylene chloride	ND	1.0	1.0		µg/L	1	7/13/2010 04:39 PM
n-Butylbenzene	ND	0.30	0.50		µg/L	1	7/13/2010 04:39 PM
n-Propylbenzene	ND	0.36	0.50		µg/L	1	7/13/2010 04:39 PM
Naphthalene	ND	0.35	0.50		µg/L	1	7/13/2010 04:39 PM
o-Xylene	ND	0.27	0.50		µg/L	1	7/13/2010 04:39 PM
sec-Butylbenzene	ND	0.33	0.50		µg/L	1	7/13/2010 04:39 PM
Styrene	ND	0.38	0.50		µg/L	1	7/13/2010 04:39 PM
tert-Butylbenzene	ND	0.35	0.50		µg/L	1	7/13/2010 04:39 PM
Tetrachloroethene	ND	0.19	0.50		µg/L	1	7/13/2010 04:39 PM
Toluene	ND	0.22	0.50		µg/L	1	7/13/2010 04:39 PM
trans-1,2-Dichloroethene	0.27	0.22	0.50	J	µg/L	1	7/13/2010 04:39 PM
Trichloroethene	ND	0.15	0.50		µg/L	1	7/13/2010 04:39 PM
Trichlorofluoromethane	ND	0.26	0.50		µg/L	1	7/13/2010 04:39 PM
Vinyl chloride	1.1	0.34	0.50		µg/L	1	7/13/2010 04:39 PM
Surr: 1,2-Dichloroethane-d4	87.7	0	70-130		%REC	1	7/13/2010 04:39 PM
Surr: 4-Bromofluorobenzene	100	0	70-130		%REC	1	7/13/2010 04:39 PM
Surr: Dibromofluoromethane	109	0	70-130		%REC	1	7/13/2010 04:39 PM
Surr: Toluene-d8	98.7	0	70-130		%REC	1	7/13/2010 04:39 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-8
Lab Order:	112654	**Collection Date:**	7/8/2010 3:25:00 PM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-004A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS11_100713A** QC Batch: **A10VW149** PrepDate: Analyst: **SLL**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.3	2.5		µg/L	5	7/13/2010 04:59 PM
1,1,1-Trichloroethane	ND	1.3	2.5		µg/L	5	7/13/2010 04:59 PM
1,1,2,2-Tetrachloroethane	ND	1.7	2.5		µg/L	5	7/13/2010 04:59 PM
1,1,2-Trichloroethane	ND	2.2	2.5		µg/L	5	7/13/2010 04:59 PM
1,1-Dichloroethane	15	0.83	2.5		µg/L	5	7/13/2010 04:59 PM
1,1-Dichloroethene	2.5	0.95	2.5		µg/L	5	7/13/2010 04:59 PM
1,1-Dichloropropene	ND	1.5	2.5		µg/L	5	7/13/2010 04:59 PM
1,2,3-Trichlorobenzene	ND	2.4	2.5		µg/L	5	7/13/2010 04:59 PM
1,2,3-Trichloropropane	ND	1.2	2.5		µg/L	5	7/13/2010 04:59 PM
1,2,4-Trichlorobenzene	ND	2.2	2.5		µg/L	5	7/13/2010 04:59 PM
1,2,4-Trimethylbenzene	ND	2.2	2.5		µg/L	5	7/13/2010 04:59 PM
1,2-Dibromo-3-chloropropane	ND	1.8	2.5		µg/L	5	7/13/2010 04:59 PM
1,2-Dibromoethane	ND	1.9	2.5		µg/L	5	7/13/2010 04:59 PM
1,2-Dichlorobenzene	ND	1.4	2.5		µg/L	5	7/13/2010 04:59 PM
1,2-Dichloroethane	ND	0.82	2.5		µg/L	5	7/13/2010 04:59 PM
1,2-Dichloropropane	ND	1.0	2.5		µg/L	5	7/13/2010 04:59 PM
1,3,5-Trimethylbenzene	ND	1.8	2.5		µg/L	5	7/13/2010 04:59 PM
1,3-Dichlorobenzene	ND	1.4	2.5		µg/L	5	7/13/2010 04:59 PM
1,3-Dichloropropane	ND	1.6	2.5		µg/L	5	7/13/2010 04:59 PM
1,4-Dichlorobenzene	ND	1.2	2.5		µg/L	5	7/13/2010 04:59 PM
2,2-Dichloropropane	ND	1.6	2.5		µg/L	5	7/13/2010 04:59 PM
2-Chlorotoluene	ND	1.5	2.5		µg/L	5	7/13/2010 04:59 PM
4-Chlorotoluene	ND	1.2	2.5		µg/L	5	7/13/2010 04:59 PM
4-Isopropyltoluene	ND	1.8	2.5		µg/L	5	7/13/2010 04:59 PM
Benzene	2.4	0.85	2.5	J	µg/L	5	7/13/2010 04:59 PM
Bromobenzene	ND	1.1	2.5		µg/L	5	7/13/2010 04:59 PM
Bromodichloromethane	ND	1.9	2.5		µg/L	5	7/13/2010 04:59 PM
Bromoform	ND	1.5	2.5		µg/L	5	7/13/2010 04:59 PM
Bromomethane	ND	1.6	2.5		µg/L	5	7/13/2010 04:59 PM
Carbon tetrachloride	ND	1.9	2.5		µg/L	5	7/13/2010 04:59 PM
Chlorobenzene	ND	1.4	2.5		µg/L	5	7/13/2010 04:59 PM
Chloroethane	1300	18	25		µg/L	50	7/13/2010 12:43 PM
Chloroform	ND	1.2	2.5		µg/L	5	7/13/2010 04:59 PM
Chloromethane	ND	1.6	2.5		µg/L	5	7/13/2010 04:59 PM
cis-1,2-Dichloroethene	ND	0.74	2.5		µg/L	5	7/13/2010 04:59 PM

Qualifiers:

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified
DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-8
Lab Order:	112654	**Collection Date:**	7/8/2010 3:25:00 PM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-004A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS11_100713A** QC Batch: **A10VW149** PrepDate: Analyst: **SLL**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	1.4	2.5		µg/L	5	7/13/2010 04:59 PM
Dibromochloromethane	ND	2.0	2.5		µg/L	5	7/13/2010 04:59 PM
Dibromomethane	ND	0.93	2.5		µg/L	5	7/13/2010 04:59 PM
Dichlorodifluoromethane	ND	1.6	2.5		µg/L	5	7/13/2010 04:59 PM
Ethylbenzene	ND	1.1	2.5		µg/L	5	7/13/2010 04:59 PM
Hexachlorobutadiene	ND	1.4	2.5		µg/L	5	7/13/2010 04:59 PM
Isopropylbenzene	2.8	1.5	2.5		µg/L	5	7/13/2010 04:59 PM
m,p-Xylene	ND	2.5	5.0		µg/L	5	7/13/2010 04:59 PM
Methylene chloride	ND	5.0	5.0		µg/L	5	7/13/2010 04:59 PM
n-Butylbenzene	ND	1.5	2.5		µg/L	5	7/13/2010 04:59 PM
n-Propylbenzene	ND	1.8	2.5		µg/L	5	7/13/2010 04:59 PM
Naphthalene	ND	1.8	2.5		µg/L	5	7/13/2010 04:59 PM
o-Xylene	ND	1.3	2.5		µg/L	5	7/13/2010 04:59 PM
sec-Butylbenzene	ND	1.6	2.5		µg/L	5	7/13/2010 04:59 PM
Styrene	ND	1.9	2.5		µg/L	5	7/13/2010 04:59 PM
tert-Butylbenzene	ND	1.8	2.5		µg/L	5	7/13/2010 04:59 PM
Tetrachloroethene	ND	0.97	2.5		µg/L	5	7/13/2010 04:59 PM
Toluene	ND	1.1	2.5		µg/L	5	7/13/2010 04:59 PM
trans-1,2-Dichloroethene	ND	1.1	2.5		µg/L	5	7/13/2010 04:59 PM
Trichloroethene	ND	0.74	2.5		µg/L	5	7/13/2010 04:59 PM
Trichlorofluoromethane	ND	1.3	2.5		µg/L	5	7/13/2010 04:59 PM
Vinyl chloride	2.2	1.7	2.5	J	µg/L	5	7/13/2010 04:59 PM
Surr: 1,2-Dichloroethane-d4	88.0	0	70-130		%REC	50	7/13/2010 12:43 PM
Surr: 1,2-Dichloroethane-d4	86.1	0	70-130		%REC	5	7/13/2010 04:59 PM
Surr: 4-Bromofluorobenzene	102	0	70-130		%REC	5	7/13/2010 04:59 PM
Surr: 4-Bromofluorobenzene	104	0	70-130		%REC	50	7/13/2010 12:43 PM
Surr: Dibromofluoromethane	106	0	70-130		%REC	5	7/13/2010 04:59 PM
Surr: Dibromofluoromethane	107	0	70-130		%REC	50	7/13/2010 12:43 PM
Surr: Toluene-d8	97.8	0	70-130		%REC	5	7/13/2010 04:59 PM
Surr: Toluene-d8	100	0	70-130		%REC	50	7/13/2010 12:43 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-98
Lab Order:	112654	**Collection Date:**	7/8/2010 3:30:00 PM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-005A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS11_100713A** QC Batch: **A10VW149** PrepDate: Analyst: **SLL**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.3	2.5		µg/L	5	7/13/2010 05:19 PM
1,1,1-Trichloroethane	ND	1.3	2.5		µg/L	5	7/13/2010 05:19 PM
1,1,2,2-Tetrachloroethane	ND	1.7	2.5		µg/L	5	7/13/2010 05:19 PM
1,1,2-Trichloroethane	ND	2.2	2.5		µg/L	5	7/13/2010 05:19 PM
1,1-Dichloroethane	18	0.83	2.5		µg/L	5	7/13/2010 05:19 PM
1,1-Dichloroethene	4.5	0.95	2.5		µg/L	5	7/13/2010 05:19 PM
1,1-Dichloropropene	ND	1.5	2.5		µg/L	5	7/13/2010 05:19 PM
1,2,3-Trichlorobenzene	ND	2.4	2.5		µg/L	5	7/13/2010 05:19 PM
1,2,3-Trichloropropane	ND	1.2	2.5		µg/L	5	7/13/2010 05:19 PM
1,2,4-Trichlorobenzene	ND	2.2	2.5		µg/L	5	7/13/2010 05:19 PM
1,2,4-Trimethylbenzene	ND	2.2	2.5		µg/L	5	7/13/2010 05:19 PM
1,2-Dibromo-3-chloropropane	ND	1.8	2.5		µg/L	5	7/13/2010 05:19 PM
1,2-Dibromoethane	ND	1.9	2.5		µg/L	5	7/13/2010 05:19 PM
1,2-Dichlorobenzene	ND	1.4	2.5		µg/L	5	7/13/2010 05:19 PM
1,2-Dichloroethane	ND	0.82	2.5		µg/L	5	7/13/2010 05:19 PM
1,2-Dichloropropane	ND	1.0	2.5		µg/L	5	7/13/2010 05:19 PM
1,3,5-Trimethylbenzene	ND	1.8	2.5		µg/L	5	7/13/2010 05:19 PM
1,3-Dichlorobenzene	ND	1.4	2.5		µg/L	5	7/13/2010 05:19 PM
1,3-Dichloropropane	ND	1.6	2.5		µg/L	5	7/13/2010 05:19 PM
1,4-Dichlorobenzene	ND	1.2	2.5		µg/L	5	7/13/2010 05:19 PM
2,2-Dichloropropane	ND	1.6	2.5		µg/L	5	7/13/2010 05:19 PM
2-Chlorotoluene	ND	1.5	2.5		µg/L	5	7/13/2010 05:19 PM
4-Chlorotoluene	ND	1.2	2.5		µg/L	5	7/13/2010 05:19 PM
4-Isopropyltoluene	ND	1.8	2.5		µg/L	5	7/13/2010 05:19 PM
Benzene	2.2	0.85	2.5	J	µg/L	5	7/13/2010 05:19 PM
Bromobenzene	ND	1.1	2.5		µg/L	5	7/13/2010 05:19 PM
Bromodichloromethane	ND	1.9	2.5		µg/L	5	7/13/2010 05:19 PM
Bromoform	ND	1.5	2.5		µg/L	5	7/13/2010 05:19 PM
Bromomethane	ND	1.6	2.5		µg/L	5	7/13/2010 05:19 PM
Carbon tetrachloride	ND	1.9	2.5		µg/L	5	7/13/2010 05:19 PM
Chlorobenzene	ND	1.4	2.5		µg/L	5	7/13/2010 05:19 PM
Chloroethane	1200	18	25		µg/L	50	7/13/2010 01:03 PM
Chloroform	ND	1.2	2.5		µg/L	5	7/13/2010 05:19 PM
Chloromethane	ND	1.6	2.5		µg/L	5	7/13/2010 05:19 PM
cis-1,2-Dichloroethene	ND	0.74	2.5		µg/L	5	7/13/2010 05:19 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-98
Lab Order:	112654	**Collection Date:**	7/8/2010 3:30:00 PM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-005A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS11_100713A** QC Batch: **A10VW149** PrepDate: Analyst: **SLL**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	1.4	2.5		µg/L	5	7/13/2010 05:19 PM
Dibromochloromethane	ND	2.0	2.5		µg/L	5	7/13/2010 05:19 PM
Dibromomethane	ND	0.93	2.5		µg/L	5	7/13/2010 05:19 PM
Dichlorodifluoromethane	ND	1.6	2.5		µg/L	5	7/13/2010 05:19 PM
Ethylbenzene	ND	1.1	2.5		µg/L	5	7/13/2010 05:19 PM
Hexachlorobutadiene	ND	1.4	2.5		µg/L	5	7/13/2010 05:19 PM
Isopropylbenzene	2.7	1.5	2.5		µg/L	5	7/13/2010 05:19 PM
m,p-Xylene	ND	2.5	5.0		µg/L	5	7/13/2010 05:19 PM
Methylene chloride	ND	5.0	5.0		µg/L	5	7/13/2010 05:19 PM
n-Butylbenzene	ND	1.5	2.5		µg/L	5	7/13/2010 05:19 PM
n-Propylbenzene	ND	1.8	2.5		µg/L	5	7/13/2010 05:19 PM
Naphthalene	ND	1.8	2.5		µg/L	5	7/13/2010 05:19 PM
o-Xylene	ND	1.3	2.5		µg/L	5	7/13/2010 05:19 PM
sec-Butylbenzene	ND	1.6	2.5		µg/L	5	7/13/2010 05:19 PM
Styrene	ND	1.9	2.5		µg/L	5	7/13/2010 05:19 PM
tert-Butylbenzene	ND	1.8	2.5		µg/L	5	7/13/2010 05:19 PM
Tetrachloroethene	ND	0.97	2.5		µg/L	5	7/13/2010 05:19 PM
Toluene	ND	1.1	2.5		µg/L	5	7/13/2010 05:19 PM
trans-1,2-Dichloroethene	ND	1.1	2.5		µg/L	5	7/13/2010 05:19 PM
Trichloroethene	ND	0.74	2.5		µg/L	5	7/13/2010 05:19 PM
Trichlorofluoromethane	ND	1.3	2.5		µg/L	5	7/13/2010 05:19 PM
Vinyl chloride	2.9	1.7	2.5		µg/L	5	7/13/2010 05:19 PM
Surr: 1,2-Dichloroethane-d4	87.2	0	70-130		%REC	50	7/13/2010 01:03 PM
Surr: 1,2-Dichloroethane-d4	85.9	0	70-130		%REC	5	7/13/2010 05:19 PM
Surr: 4-Bromofluorobenzene	102	0	70-130		%REC	5	7/13/2010 05:19 PM
Surr: 4-Bromofluorobenzene	103	0	70-130		%REC	50	7/13/2010 01:03 PM
Surr: Dibromofluoromethane	104	0	70-130		%REC	5	7/13/2010 05:19 PM
Surr: Dibromofluoromethane	107	0	70-130		%REC	50	7/13/2010 01:03 PM
Surr: Toluene-d8	98.3	0	70-130		%REC	5	7/13/2010 05:19 PM
Surr: Toluene-d8	99.6	0	70-130		%REC	50	7/13/2010 01:03 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-5
Lab Order:	112654	**Collection Date:**	7/9/2010 8:30:00 AM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-006A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS11_100713A** QC Batch: **A10VW149** PrepDate: Analyst: **SLL**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	0.45	0.50		µg/L	1	7/13/2010 04:19 PM
1,1,1-Trichloroethane	ND	0.27	0.50		µg/L	1	7/13/2010 04:19 PM
1,1,2,2-Tetrachloroethane	ND	0.35	0.50		µg/L	1	7/13/2010 04:19 PM
1,1,2-Trichloroethane	ND	0.43	0.50		µg/L	1	7/13/2010 04:19 PM
1,1-Dichloroethane	0.40	0.17	0.50	J	µg/L	1	7/13/2010 04:19 PM
1,1-Dichloroethene	0.38	0.19	0.50	J	µg/L	1	7/13/2010 04:19 PM
1,1-Dichloropropene	ND	0.30	0.50		µg/L	1	7/13/2010 04:19 PM
1,2,3-Trichlorobenzene	ND	0.48	0.50		µg/L	1	7/13/2010 04:19 PM
1,2,3-Trichloropropane	ND	0.24	0.50		µg/L	1	7/13/2010 04:19 PM
1,2,4-Trichlorobenzene	ND	0.43	0.50		µg/L	1	7/13/2010 04:19 PM
1,2,4-Trimethylbenzene	ND	0.44	0.50		µg/L	1	7/13/2010 04:19 PM
1,2-Dibromo-3-chloropropane	ND	0.35	0.50		µg/L	1	7/13/2010 04:19 PM
1,2-Dibromoethane	ND	0.37	0.50		µg/L	1	7/13/2010 04:19 PM
1,2-Dichlorobenzene	ND	0.27	0.50		µg/L	1	7/13/2010 04:19 PM
1,2-Dichloroethane	ND	0.16	0.50		µg/L	1	7/13/2010 04:19 PM
1,2-Dichloropropane	ND	0.20	0.50		µg/L	1	7/13/2010 04:19 PM
1,3,5-Trimethylbenzene	ND	0.36	0.50		µg/L	1	7/13/2010 04:19 PM
1,3-Dichlorobenzene	ND	0.28	0.50		µg/L	1	7/13/2010 04:19 PM
1,3-Dichloropropane	ND	0.32	0.50		µg/L	1	7/13/2010 04:19 PM
1,4-Dichlorobenzene	ND	0.24	0.50		µg/L	1	7/13/2010 04:19 PM
2,2-Dichloropropane	ND	0.32	0.50		µg/L	1	7/13/2010 04:19 PM
2-Chlorotoluene	ND	0.31	0.50		µg/L	1	7/13/2010 04:19 PM
4-Chlorotoluene	ND	0.23	0.50		µg/L	1	7/13/2010 04:19 PM
4-Isopropyltoluene	ND	0.36	0.50		µg/L	1	7/13/2010 04:19 PM
Benzene	ND	0.17	0.50		µg/L	1	7/13/2010 04:19 PM
Bromobenzene	ND	0.21	0.50		µg/L	1	7/13/2010 04:19 PM
Bromodichloromethane	ND	0.39	0.50		µg/L	1	7/13/2010 04:19 PM
Bromoform	ND	0.30	0.50		µg/L	1	7/13/2010 04:19 PM
Bromomethane	ND	0.32	0.50		µg/L	1	7/13/2010 04:19 PM
Carbon tetrachloride	ND	0.38	0.50		µg/L	1	7/13/2010 04:19 PM
Chlorobenzene	ND	0.28	0.50		µg/L	1	7/13/2010 04:19 PM
Chloroethane	ND	0.35	0.50		µg/L	1	7/13/2010 04:19 PM
Chloroform	ND	0.23	0.50		µg/L	1	7/13/2010 04:19 PM
Chloromethane	ND	0.32	0.50		µg/L	1	7/13/2010 04:19 PM
cis-1,2-Dichloroethene	3.4	0.15	0.50		µg/L	1	7/13/2010 04:19 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-5
Lab Order:	112654	**Collection Date:**	7/9/2010 8:30:00 AM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-006A		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **MS11_100713A**	QC Batch: **A10VW149**				PrepDate:		Analyst: **SLL**
cis-1,3-Dichloropropene	ND	0.29	0.50		µg/L	1	7/13/2010 04:19 PM
Dibromochloromethane	ND	0.40	0.50		µg/L	1	7/13/2010 04:19 PM
Dibromomethane	ND	0.19	0.50		µg/L	1	7/13/2010 04:19 PM
Dichlorodifluoromethane	ND	0.33	0.50		µg/L	1	7/13/2010 04:19 PM
Ethylbenzene	ND	0.22	0.50		µg/L	1	7/13/2010 04:19 PM
Hexachlorobutadiene	ND	0.28	0.50		µg/L	1	7/13/2010 04:19 PM
Isopropylbenzene	ND	0.30	0.50		µg/L	1	7/13/2010 04:19 PM
m,p-Xylene	ND	0.49	1.0		µg/L	1	7/13/2010 04:19 PM
Methylene chloride	ND	1.0	1.0		µg/L	1	7/13/2010 04:19 PM
n-Butylbenzene	ND	0.30	0.50		µg/L	1	7/13/2010 04:19 PM
n-Propylbenzene	ND	0.36	0.50		µg/L	1	7/13/2010 04:19 PM
Naphthalene	ND	0.35	0.50		µg/L	1	7/13/2010 04:19 PM
o-Xylene	ND	0.27	0.50		µg/L	1	7/13/2010 04:19 PM
sec-Butylbenzene	ND	0.33	0.50		µg/L	1	7/13/2010 04:19 PM
Styrene	ND	0.38	0.50		µg/L	1	7/13/2010 04:19 PM
tert-Butylbenzene	ND	0.35	0.50		µg/L	1	7/13/2010 04:19 PM
Tetrachloroethene	ND	0.19	0.50		µg/L	1	7/13/2010 04:19 PM
Toluene	ND	0.22	0.50		µg/L	1	7/13/2010 04:19 PM
trans-1,2-Dichloroethene	1.0	0.22	0.50		µg/L	1	7/13/2010 04:19 PM
Trichloroethene	ND	0.15	0.50		µg/L	1	7/13/2010 04:19 PM
Trichlorofluoromethane	ND	0.26	0.50		µg/L	1	7/13/2010 04:19 PM
Vinyl chloride	ND	0.34	0.50		µg/L	1	7/13/2010 04:19 PM
Surr: 1,2-Dichloroethane-d4	89.1	0	70-130		%REC	1	7/13/2010 04:19 PM
Surr: 4-Bromofluorobenzene	105	0	70-130		%REC	1	7/13/2010 04:19 PM
Surr: Dibromofluoromethane	108	0	70-130		%REC	1	7/13/2010 04:19 PM
Surr: Toluene-d8	101	0	70-130		%REC	1	7/13/2010 04:19 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-2R
Lab Order:	112654	**Collection Date:**	7/9/2010 9:05:00 AM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-007A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS11_100713A** QC Batch: **A10VW149** PrepDate: Analyst: **SLL**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	0.45	0.50		µg/L	1	7/13/2010 01:23 PM
1,1,1-Trichloroethane	ND	0.27	0.50		µg/L	1	7/13/2010 01:23 PM
1,1,2,2-Tetrachloroethane	ND	0.35	0.50		µg/L	1	7/13/2010 01:23 PM
1,1,2-Trichloroethane	ND	0.43	0.50		µg/L	1	7/13/2010 01:23 PM
1,1-Dichloroethane	ND	0.17	0.50		µg/L	1	7/13/2010 01:23 PM
1,1-Dichloroethene	ND	0.19	0.50		µg/L	1	7/13/2010 01:23 PM
1,1-Dichloropropene	ND	0.30	0.50		µg/L	1	7/13/2010 01:23 PM
1,2,3-Trichlorobenzene	ND	0.48	0.50		µg/L	1	7/13/2010 01:23 PM
1,2,3-Trichloropropane	ND	0.24	0.50		µg/L	1	7/13/2010 01:23 PM
1,2,4-Trichlorobenzene	ND	0.43	0.50		µg/L	1	7/13/2010 01:23 PM
1,2,4-Trimethylbenzene	ND	0.44	0.50		µg/L	1	7/13/2010 01:23 PM
1,2-Dibromo-3-chloropropane	ND	0.35	0.50		µg/L	1	7/13/2010 01:23 PM
1,2-Dibromoethane	ND	0.37	0.50		µg/L	1	7/13/2010 01:23 PM
1,2-Dichlorobenzene	ND	0.27	0.50		µg/L	1	7/13/2010 01:23 PM
1,2-Dichloroethane	ND	0.16	0.50		µg/L	1	7/13/2010 01:23 PM
1,2-Dichloropropane	ND	0.20	0.50		µg/L	1	7/13/2010 01:23 PM
1,3,5-Trimethylbenzene	ND	0.36	0.50		µg/L	1	7/13/2010 01:23 PM
1,3-Dichlorobenzene	ND	0.28	0.50		µg/L	1	7/13/2010 01:23 PM
1,3-Dichloropropane	ND	0.32	0.50		µg/L	1	7/13/2010 01:23 PM
1,4-Dichlorobenzene	ND	0.24	0.50		µg/L	1	7/13/2010 01:23 PM
2,2-Dichloropropane	ND	0.32	0.50		µg/L	1	7/13/2010 01:23 PM
2-Chlorotoluene	ND	0.31	0.50		µg/L	1	7/13/2010 01:23 PM
4-Chlorotoluene	ND	0.23	0.50		µg/L	1	7/13/2010 01:23 PM
4-Isopropyltoluene	ND	0.36	0.50		µg/L	1	7/13/2010 01:23 PM
Benzene	ND	0.17	0.50		µg/L	1	7/13/2010 01:23 PM
Bromobenzene	ND	0.21	0.50		µg/L	1	7/13/2010 01:23 PM
Bromodichloromethane	ND	0.39	0.50		µg/L	1	7/13/2010 01:23 PM
Bromoform	ND	0.30	0.50		µg/L	1	7/13/2010 01:23 PM
Bromomethane	ND	0.32	0.50		µg/L	1	7/13/2010 01:23 PM
Carbon tetrachloride	ND	0.38	0.50		µg/L	1	7/13/2010 01:23 PM
Chlorobenzene	ND	0.28	0.50		µg/L	1	7/13/2010 01:23 PM
Chloroethane	ND	0.35	0.50		µg/L	1	7/13/2010 01:23 PM
Chloroform	ND	0.23	0.50		µg/L	1	7/13/2010 01:23 PM
Chloromethane	ND	0.32	0.50		µg/L	1	7/13/2010 01:23 PM
cis-1,2-Dichloroethene	ND	0.15	0.50		µg/L	1	7/13/2010 01:23 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-2R
Lab Order:	112654	**Collection Date:**	7/9/2010 9:05:00 AM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-007A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS11_100713A** QC Batch: **A10VW149** PrepDate: Analyst: **SLL**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	0.29	0.50		µg/L	1	7/13/2010 01:23 PM
Dibromochloromethane	ND	0.40	0.50		µg/L	1	7/13/2010 01:23 PM
Dibromomethane	ND	0.19	0.50		µg/L	1	7/13/2010 01:23 PM
Dichlorodifluoromethane	ND	0.33	0.50		µg/L	1	7/13/2010 01:23 PM
Ethylbenzene	ND	0.22	0.50		µg/L	1	7/13/2010 01:23 PM
Hexachlorobutadiene	ND	0.28	0.50		µg/L	1	7/13/2010 01:23 PM
Isopropylbenzene	ND	0.30	0.50		µg/L	1	7/13/2010 01:23 PM
m,p-Xylene	ND	0.49	1.0		µg/L	1	7/13/2010 01:23 PM
Methylene chloride	ND	1.0	1.0		µg/L	1	7/13/2010 01:23 PM
n-Butylbenzene	ND	0.30	0.50		µg/L	1	7/13/2010 01:23 PM
n-Propylbenzene	ND	0.36	0.50		µg/L	1	7/13/2010 01:23 PM
Naphthalene	ND	0.35	0.50		µg/L	1	7/13/2010 01:23 PM
o-Xylene	ND	0.27	0.50		µg/L	1	7/13/2010 01:23 PM
sec-Butylbenzene	ND	0.33	0.50		µg/L	1	7/13/2010 01:23 PM
Styrene	ND	0.38	0.50		µg/L	1	7/13/2010 01:23 PM
tert-Butylbenzene	ND	0.35	0.50		µg/L	1	7/13/2010 01:23 PM
Tetrachloroethene	ND	0.19	0.50		µg/L	1	7/13/2010 01:23 PM
Toluene	ND	0.22	0.50		µg/L	1	7/13/2010 01:23 PM
trans-1,2-Dichloroethene	ND	0.22	0.50		µg/L	1	7/13/2010 01:23 PM
Trichloroethene	ND	0.15	0.50		µg/L	1	7/13/2010 01:23 PM
Trichlorofluoromethane	ND	0.26	0.50		µg/L	1	7/13/2010 01:23 PM
Vinyl chloride	ND	0.34	0.50		µg/L	1	7/13/2010 01:23 PM
Surr: 1,2-Dichloroethane-d4	88.3	0	70-130		%REC	1	7/13/2010 01:23 PM
Surr: 4-Bromofluorobenzene	101	0	70-130		%REC	1	7/13/2010 01:23 PM
Surr: Dibromofluoromethane	107	0	70-130		%REC	1	7/13/2010 01:23 PM
Surr: Toluene-d8	98.7	0	70-130		%REC	1	7/13/2010 01:23 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-9
Lab Order:	112654	**Collection Date:**	7/9/2010 9:40:00 AM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-008A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS11_100713A** QC Batch: **A10VW149** PrepDate: Analyst: **SLL**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	0.45	0.50		µg/L	1	7/13/2010 05:59 PM
1,1,1-Trichloroethane	ND	0.27	0.50		µg/L	1	7/13/2010 05:59 PM
1,1,2,2-Tetrachloroethane	ND	0.35	0.50		µg/L	1	7/13/2010 05:59 PM
1,1,2-Trichloroethane	ND	0.43	0.50		µg/L	1	7/13/2010 05:59 PM
1,1-Dichloroethane	ND	0.17	0.50		µg/L	1	7/13/2010 05:59 PM
1,1-Dichloroethene	ND	0.19	0.50		µg/L	1	7/13/2010 05:59 PM
1,1-Dichloropropene	ND	0.30	0.50		µg/L	1	7/13/2010 05:59 PM
1,2,3-Trichlorobenzene	ND	0.48	0.50		µg/L	1	7/13/2010 05:59 PM
1,2,3-Trichloropropane	ND	0.24	0.50		µg/L	1	7/13/2010 05:59 PM
1,2,4-Trichlorobenzene	ND	0.43	0.50		µg/L	1	7/13/2010 05:59 PM
1,2,4-Trimethylbenzene	ND	0.44	0.50		µg/L	1	7/13/2010 05:59 PM
1,2-Dibromo-3-chloropropane	ND	0.35	0.50		µg/L	1	7/13/2010 05:59 PM
1,2-Dibromoethane	ND	0.37	0.50		µg/L	1	7/13/2010 05:59 PM
1,2-Dichlorobenzene	ND	0.27	0.50		µg/L	1	7/13/2010 05:59 PM
1,2-Dichloroethane	ND	0.16	0.50		µg/L	1	7/13/2010 05:59 PM
1,2-Dichloropropane	ND	0.20	0.50		µg/L	1	7/13/2010 05:59 PM
1,3,5-Trimethylbenzene	ND	0.36	0.50		µg/L	1	7/13/2010 05:59 PM
1,3-Dichlorobenzene	ND	0.28	0.50		µg/L	1	7/13/2010 05:59 PM
1,3-Dichloropropane	ND	0.32	0.50		µg/L	1	7/13/2010 05:59 PM
1,4-Dichlorobenzene	ND	0.24	0.50		µg/L	1	7/13/2010 05:59 PM
2,2-Dichloropropane	ND	0.32	0.50		µg/L	1	7/13/2010 05:59 PM
2-Chlorotoluene	ND	0.31	0.50		µg/L	1	7/13/2010 05:59 PM
4-Chlorotoluene	ND	0.23	0.50		µg/L	1	7/13/2010 05:59 PM
4-Isopropyltoluene	4.5	0.36	0.50		µg/L	1	7/13/2010 05:59 PM
Benzene	100	0.85	2.5		µg/L	5	7/14/2010 12:51 PM
Bromobenzene	ND	0.21	0.50		µg/L	1	7/13/2010 05:59 PM
Bromodichloromethane	ND	0.39	0.50		µg/L	1	7/13/2010 05:59 PM
Bromoform	ND	0.30	0.50		µg/L	1	7/13/2010 05:59 PM
Bromomethane	ND	0.32	0.50		µg/L	1	7/13/2010 05:59 PM
Carbon tetrachloride	ND	0.38	0.50		µg/L	1	7/13/2010 05:59 PM
Chlorobenzene	ND	0.28	0.50		µg/L	1	7/13/2010 05:59 PM
Chloroethane	ND	0.35	0.50		µg/L	1	7/13/2010 05:59 PM
Chloroform	ND	0.23	0.50		µg/L	1	7/13/2010 05:59 PM
Chloromethane	ND	0.32	0.50		µg/L	1	7/13/2010 05:59 PM
cis-1,2-Dichloroethene	ND	0.15	0.50		µg/L	1	7/13/2010 05:59 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-9
Lab Order:	112654	**Collection Date:**	7/9/2010 9:40:00 AM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-008A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS11_100713A** QC Batch: **A10VW149** PrepDate: Analyst: **SLL**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	0.29	0.50		µg/L	1	7/13/2010 05:59 PM
Dibromochloromethane	ND	0.40	0.50		µg/L	1	7/13/2010 05:59 PM
Dibromomethane	ND	0.19	0.50		µg/L	1	7/13/2010 05:59 PM
Dichlorodifluoromethane	ND	0.33	0.50		µg/L	1	7/13/2010 05:59 PM
Ethylbenzene	9.2	0.22	0.50		µg/L	1	7/13/2010 05:59 PM
Hexachlorobutadiene	ND	0.28	0.50		µg/L	1	7/13/2010 05:59 PM
Isopropylbenzene	10	0.30	0.50		µg/L	1	7/13/2010 05:59 PM
m,p-Xylene	1.6	0.49	1.0		µg/L	1	7/13/2010 05:59 PM
Methylene chloride	ND	1.0	1.0		µg/L	1	7/13/2010 05:59 PM
n-Butylbenzene	1.1	0.30	0.50		µg/L	1	7/13/2010 05:59 PM
n-Propylbenzene	9.5	0.36	0.50		µg/L	1	7/13/2010 05:59 PM
Naphthalene	0.77	0.35	0.50		µg/L	1	7/13/2010 05:59 PM
o-Xylene	ND	0.27	0.50		µg/L	1	7/13/2010 05:59 PM
sec-Butylbenzene	1.6	0.33	0.50		µg/L	1	7/13/2010 05:59 PM
Styrene	ND	0.38	0.50		µg/L	1	7/13/2010 05:59 PM
tert-Butylbenzene	0.41	0.35	0.50	J	µg/L	1	7/13/2010 05:59 PM
Tetrachloroethene	ND	0.19	0.50		µg/L	1	7/13/2010 05:59 PM
Toluene	2.3	0.22	0.50		µg/L	1	7/13/2010 05:59 PM
trans-1,2-Dichloroethene	ND	0.22	0.50		µg/L	1	7/13/2010 05:59 PM
Trichloroethene	ND	0.15	0.50		µg/L	1	7/13/2010 05:59 PM
Trichlorofluoromethane	ND	0.26	0.50		µg/L	1	7/13/2010 05:59 PM
Vinyl chloride	ND	0.34	0.50		µg/L	1	7/13/2010 05:59 PM
Surr: 1,2-Dichloroethane-d4	94.6	0	70-130		%REC	1	7/13/2010 05:59 PM
Surr: 1,2-Dichloroethane-d4	90.3	0	70-130		%REC	5	7/14/2010 12:51 PM
Surr: 4-Bromofluorobenzene	108	0	70-130		%REC	1	7/13/2010 05:59 PM
Surr: 4-Bromofluorobenzene	107	0	70-130		%REC	5	7/14/2010 12:51 PM
Surr: Dibromofluoromethane	102	0	70-130		%REC	1	7/13/2010 05:59 PM
Surr: Dibromofluoromethane	103	0	70-130		%REC	5	7/14/2010 12:51 PM
Surr: Toluene-d8	101	0	70-130		%REC	5	7/14/2010 12:51 PM
Surr: Toluene-d8	104	0	70-130		%REC	1	7/13/2010 05:59 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-1
Lab Order:	112654	**Collection Date:**	7/9/2010 10:25:00 AM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-009A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS11_100713A** QC Batch: **A10VW149** PrepDate: Analyst: **SLL**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	0.45	0.50		µg/L	1	7/13/2010 01:43 PM
1,1,1-Trichloroethane	ND	0.27	0.50		µg/L	1	7/13/2010 01:43 PM
1,1,2,2-Tetrachloroethane	ND	0.35	0.50		µg/L	1	7/13/2010 01:43 PM
1,1,2-Trichloroethane	ND	0.43	0.50		µg/L	1	7/13/2010 01:43 PM
1,1-Dichloroethane	0.43	0.17	0.50	J	µg/L	1	7/13/2010 01:43 PM
1,1-Dichloroethene	ND	0.19	0.50		µg/L	1	7/13/2010 01:43 PM
1,1-Dichloropropene	ND	0.30	0.50		µg/L	1	7/13/2010 01:43 PM
1,2,3-Trichlorobenzene	ND	0.48	0.50		µg/L	1	7/13/2010 01:43 PM
1,2,3-Trichloropropane	ND	0.24	0.50		µg/L	1	7/13/2010 01:43 PM
1,2,4-Trichlorobenzene	ND	0.43	0.50		µg/L	1	7/13/2010 01:43 PM
1,2,4-Trimethylbenzene	ND	0.44	0.50		µg/L	1	7/13/2010 01:43 PM
1,2-Dibromo-3-chloropropane	ND	0.35	0.50		µg/L	1	7/13/2010 01:43 PM
1,2-Dibromoethane	ND	0.37	0.50		µg/L	1	7/13/2010 01:43 PM
1,2-Dichlorobenzene	ND	0.27	0.50		µg/L	1	7/13/2010 01:43 PM
1,2-Dichloroethane	ND	0.16	0.50		µg/L	1	7/13/2010 01:43 PM
1,2-Dichloropropane	ND	0.20	0.50		µg/L	1	7/13/2010 01:43 PM
1,3,5-Trimethylbenzene	ND	0.36	0.50		µg/L	1	7/13/2010 01:43 PM
1,3-Dichlorobenzene	ND	0.28	0.50		µg/L	1	7/13/2010 01:43 PM
1,3-Dichloropropane	ND	0.32	0.50		µg/L	1	7/13/2010 01:43 PM
1,4-Dichlorobenzene	ND	0.24	0.50		µg/L	1	7/13/2010 01:43 PM
2,2-Dichloropropane	ND	0.32	0.50		µg/L	1	7/13/2010 01:43 PM
2-Chlorotoluene	ND	0.31	0.50		µg/L	1	7/13/2010 01:43 PM
4-Chlorotoluene	ND	0.23	0.50		µg/L	1	7/13/2010 01:43 PM
4-Isopropyltoluene	ND	0.36	0.50		µg/L	1	7/13/2010 01:43 PM
Benzene	0.42	0.17	0.50	J	µg/L	1	7/13/2010 01:43 PM
Bromobenzene	ND	0.21	0.50		µg/L	1	7/13/2010 01:43 PM
Bromodichloromethane	ND	0.39	0.50		µg/L	1	7/13/2010 01:43 PM
Bromoform	ND	0.30	0.50		µg/L	1	7/13/2010 01:43 PM
Bromomethane	ND	0.32	0.50		µg/L	1	7/13/2010 01:43 PM
Carbon tetrachloride	ND	0.38	0.50		µg/L	1	7/13/2010 01:43 PM
Chlorobenzene	ND	0.28	0.50		µg/L	1	7/13/2010 01:43 PM
Chloroethane	ND	0.35	0.50		µg/L	1	7/13/2010 01:43 PM
Chloroform	ND	0.23	0.50		µg/L	1	7/13/2010 01:43 PM
Chloromethane	ND	0.32	0.50		µg/L	1	7/13/2010 01:43 PM
cis-1,2-Dichloroethene	ND	0.15	0.50		µg/L	1	7/13/2010 01:43 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-1
Lab Order:	112654	**Collection Date:**	7/9/2010 10:25:00 AM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-009A		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **MS11_100713A**	QC Batch: **A10VW149**				PrepDate:		Analyst: **SLL**
cis-1,3-Dichloropropene	ND	0.29	0.50		µg/L	1	7/13/2010 01:43 PM
Dibromochloromethane	ND	0.40	0.50		µg/L	1	7/13/2010 01:43 PM
Dibromomethane	ND	0.19	0.50		µg/L	1	7/13/2010 01:43 PM
Dichlorodifluoromethane	ND	0.33	0.50		µg/L	1	7/13/2010 01:43 PM
Ethylbenzene	ND	0.22	0.50		µg/L	1	7/13/2010 01:43 PM
Hexachlorobutadiene	ND	0.28	0.50		µg/L	1	7/13/2010 01:43 PM
Isopropylbenzene	ND	0.30	0.50		µg/L	1	7/13/2010 01:43 PM
m,p-Xylene	ND	0.49	1.0		µg/L	1	7/13/2010 01:43 PM
Methylene chloride	ND	1.0	1.0		µg/L	1	7/13/2010 01:43 PM
n-Butylbenzene	ND	0.30	0.50		µg/L	1	7/13/2010 01:43 PM
n-Propylbenzene	ND	0.36	0.50		µg/L	1	7/13/2010 01:43 PM
Naphthalene	ND	0.35	0.50		µg/L	1	7/13/2010 01:43 PM
o-Xylene	ND	0.27	0.50		µg/L	1	7/13/2010 01:43 PM
sec-Butylbenzene	ND	0.33	0.50		µg/L	1	7/13/2010 01:43 PM
Styrene	ND	0.38	0.50		µg/L	1	7/13/2010 01:43 PM
tert-Butylbenzene	ND	0.35	0.50		µg/L	1	7/13/2010 01:43 PM
Tetrachloroethene	ND	0.19	0.50		µg/L	1	7/13/2010 01:43 PM
Toluene	ND	0.22	0.50		µg/L	1	7/13/2010 01:43 PM
trans-1,2-Dichloroethene	ND	0.22	0.50		µg/L	1	7/13/2010 01:43 PM
Trichloroethene	ND	0.15	0.50		µg/L	1	7/13/2010 01:43 PM
Trichlorofluoromethane	ND	0.26	0.50		µg/L	1	7/13/2010 01:43 PM
Vinyl chloride	ND	0.34	0.50		µg/L	1	7/13/2010 01:43 PM
Surr: 1,2-Dichloroethane-d4	88.1	0	70-130		%REC	1	7/13/2010 01:43 PM
Surr: 4-Bromofluorobenzene	103	0	70-130		%REC	1	7/13/2010 01:43 PM
Surr: Dibromofluoromethane	107	0	70-130		%REC	1	7/13/2010 01:43 PM
Surr: Toluene-d8	99.1	0	70-130		%REC	1	7/13/2010 01:43 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-7
Lab Order:	112654	**Collection Date:**	7/9/2010 11:10:00 AM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-010A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS11_100713A** QC Batch: **A10VW149** PrepDate: Analyst: **SLL**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	0.45	0.50		µg/L	1	7/13/2010 02:03 PM
1,1,1-Trichloroethane	ND	0.27	0.50		µg/L	1	7/13/2010 02:03 PM
1,1,2,2-Tetrachloroethane	ND	0.35	0.50		µg/L	1	7/13/2010 02:03 PM
1,1,2-Trichloroethane	ND	0.43	0.50		µg/L	1	7/13/2010 02:03 PM
1,1-Dichloroethane	ND	0.17	0.50		µg/L	1	7/13/2010 02:03 PM
1,1-Dichloroethene	ND	0.19	0.50		µg/L	1	7/13/2010 02:03 PM
1,1-Dichloropropene	ND	0.30	0.50		µg/L	1	7/13/2010 02:03 PM
1,2,3-Trichlorobenzene	ND	0.48	0.50		µg/L	1	7/13/2010 02:03 PM
1,2,3-Trichloropropane	ND	0.24	0.50		µg/L	1	7/13/2010 02:03 PM
1,2,4-Trichlorobenzene	ND	0.43	0.50		µg/L	1	7/13/2010 02:03 PM
1,2,4-Trimethylbenzene	ND	0.44	0.50		µg/L	1	7/13/2010 02:03 PM
1,2-Dibromo-3-chloropropane	ND	0.35	0.50		µg/L	1	7/13/2010 02:03 PM
1,2-Dibromoethane	ND	0.37	0.50		µg/L	1	7/13/2010 02:03 PM
1,2-Dichlorobenzene	ND	0.27	0.50		µg/L	1	7/13/2010 02:03 PM
1,2-Dichloroethane	ND	0.16	0.50		µg/L	1	7/13/2010 02:03 PM
1,2-Dichloropropane	ND	0.20	0.50		µg/L	1	7/13/2010 02:03 PM
1,3,5-Trimethylbenzene	ND	0.36	0.50		µg/L	1	7/13/2010 02:03 PM
1,3-Dichlorobenzene	ND	0.28	0.50		µg/L	1	7/13/2010 02:03 PM
1,3-Dichloropropane	ND	0.32	0.50		µg/L	1	7/13/2010 02:03 PM
1,4-Dichlorobenzene	ND	0.24	0.50		µg/L	1	7/13/2010 02:03 PM
2,2-Dichloropropane	ND	0.32	0.50		µg/L	1	7/13/2010 02:03 PM
2-Chlorotoluene	ND	0.31	0.50		µg/L	1	7/13/2010 02:03 PM
4-Chlorotoluene	ND	0.23	0.50		µg/L	1	7/13/2010 02:03 PM
4-Isopropyltoluene	ND	0.36	0.50		µg/L	1	7/13/2010 02:03 PM
Benzene	ND	0.17	0.50		µg/L	1	7/13/2010 02:03 PM
Bromobenzene	ND	0.21	0.50		µg/L	1	7/13/2010 02:03 PM
Bromodichloromethane	ND	0.39	0.50		µg/L	1	7/13/2010 02:03 PM
Bromoform	ND	0.30	0.50		µg/L	1	7/13/2010 02:03 PM
Bromomethane	ND	0.32	0.50		µg/L	1	7/13/2010 02:03 PM
Carbon tetrachloride	ND	0.38	0.50		µg/L	1	7/13/2010 02:03 PM
Chlorobenzene	ND	0.28	0.50		µg/L	1	7/13/2010 02:03 PM
Chloroethane	ND	0.35	0.50		µg/L	1	7/13/2010 02:03 PM
Chloroform	ND	0.23	0.50		µg/L	1	7/13/2010 02:03 PM
Chloromethane	ND	0.32	0.50		µg/L	1	7/13/2010 02:03 PM
cis-1,2-Dichloroethene	ND	0.15	0.50		µg/L	1	7/13/2010 02:03 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-7
Lab Order:	112654	**Collection Date:**	7/9/2010 11:10:00 AM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-010A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS11_100713A** QC Batch: **A10VW149** PrepDate: Analyst: **SLL**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	0.29	0.50		µg/L	1	7/13/2010 02:03 PM
Dibromochloromethane	ND	0.40	0.50		µg/L	1	7/13/2010 02:03 PM
Dibromomethane	ND	0.19	0.50		µg/L	1	7/13/2010 02:03 PM
Dichlorodifluoromethane	ND	0.33	0.50		µg/L	1	7/13/2010 02:03 PM
Ethylbenzene	ND	0.22	0.50		µg/L	1	7/13/2010 02:03 PM
Hexachlorobutadiene	ND	0.28	0.50		µg/L	1	7/13/2010 02:03 PM
Isopropylbenzene	ND	0.30	0.50		µg/L	1	7/13/2010 02:03 PM
m,p-Xylene	ND	0.49	1.0		µg/L	1	7/13/2010 02:03 PM
Methylene chloride	ND	1.0	1.0		µg/L	1	7/13/2010 02:03 PM
n-Butylbenzene	ND	0.30	0.50		µg/L	1	7/13/2010 02:03 PM
n-Propylbenzene	ND	0.36	0.50		µg/L	1	7/13/2010 02:03 PM
Naphthalene	ND	0.35	0.50		µg/L	1	7/13/2010 02:03 PM
o-Xylene	ND	0.27	0.50		µg/L	1	7/13/2010 02:03 PM
sec-Butylbenzene	ND	0.33	0.50		µg/L	1	7/13/2010 02:03 PM
Styrene	ND	0.38	0.50		µg/L	1	7/13/2010 02:03 PM
tert-Butylbenzene	ND	0.35	0.50		µg/L	1	7/13/2010 02:03 PM
Tetrachloroethene	ND	0.19	0.50		µg/L	1	7/13/2010 02:03 PM
Toluene	ND	0.22	0.50		µg/L	1	7/13/2010 02:03 PM
trans-1,2-Dichloroethene	ND	0.22	0.50		µg/L	1	7/13/2010 02:03 PM
Trichloroethene	ND	0.15	0.50		µg/L	1	7/13/2010 02:03 PM
Trichlorofluoromethane	ND	0.26	0.50		µg/L	1	7/13/2010 02:03 PM
Vinyl chloride	ND	0.34	0.50		µg/L	1	7/13/2010 02:03 PM
Surr: 1,2-Dichloroethane-d4	88.2	0	70-130		%REC	1	7/13/2010 02:03 PM
Surr: 4-Bromofluorobenzene	103	0	70-130		%REC	1	7/13/2010 02:03 PM
Surr: Dibromofluoromethane	107	0	70-130		%REC	1	7/13/2010 02:03 PM
Surr: Toluene-d8	98.6	0	70-130		%REC	1	7/13/2010 02:03 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	Trip Blank
Lab Order:	112654	**Collection Date:**	7/9/2010 11:30:00 AM
Project:	ABI, 01-ABI-001	**Matrix:**	AQUEOUS
Lab ID:	112654-011A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS11_100713A** QC Batch: **A10VW149** PrepDate: Analyst: **SLL**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	0.45	0.50		µg/L	1	7/13/2010 11:03 AM
1,1,1-Trichloroethane	ND	0.27	0.50		µg/L	1	7/13/2010 11:03 AM
1,1,2,2-Tetrachloroethane	ND	0.35	0.50		µg/L	1	7/13/2010 11:03 AM
1,1,2-Trichloroethane	ND	0.43	0.50		µg/L	1	7/13/2010 11:03 AM
1,1-Dichloroethane	ND	0.17	0.50		µg/L	1	7/13/2010 11:03 AM
1,1-Dichloroethene	ND	0.19	0.50		µg/L	1	7/13/2010 11:03 AM
1,1-Dichloropropene	ND	0.30	0.50		µg/L	1	7/13/2010 11:03 AM
1,2,3-Trichlorobenzene	ND	0.48	0.50		µg/L	1	7/13/2010 11:03 AM
1,2,3-Trichloropropane	ND	0.24	0.50		µg/L	1	7/13/2010 11:03 AM
1,2,4-Trichlorobenzene	ND	0.43	0.50		µg/L	1	7/13/2010 11:03 AM
1,2,4-Trimethylbenzene	ND	0.44	0.50		µg/L	1	7/13/2010 11:03 AM
1,2-Dibromo-3-chloropropane	ND	0.35	0.50		µg/L	1	7/13/2010 11:03 AM
1,2-Dibromoethane	ND	0.37	0.50		µg/L	1	7/13/2010 11:03 AM
1,2-Dichlorobenzene	ND	0.27	0.50		µg/L	1	7/13/2010 11:03 AM
1,2-Dichloroethane	ND	0.16	0.50		µg/L	1	7/13/2010 11:03 AM
1,2-Dichloropropane	ND	0.20	0.50		µg/L	1	7/13/2010 11:03 AM
1,3,5-Trimethylbenzene	ND	0.36	0.50		µg/L	1	7/13/2010 11:03 AM
1,3-Dichlorobenzene	ND	0.28	0.50		µg/L	1	7/13/2010 11:03 AM
1,3-Dichloropropane	ND	0.32	0.50		µg/L	1	7/13/2010 11:03 AM
1,4-Dichlorobenzene	ND	0.24	0.50		µg/L	1	7/13/2010 11:03 AM
2,2-Dichloropropane	ND	0.32	0.50		µg/L	1	7/13/2010 11:03 AM
2-Chlorotoluene	ND	0.31	0.50		µg/L	1	7/13/2010 11:03 AM
4-Chlorotoluene	ND	0.23	0.50		µg/L	1	7/13/2010 11:03 AM
4-Isopropyltoluene	ND	0.36	0.50		µg/L	1	7/13/2010 11:03 AM
Benzene	ND	0.17	0.50		µg/L	1	7/13/2010 11:03 AM
Bromobenzene	ND	0.21	0.50		µg/L	1	7/13/2010 11:03 AM
Bromodichloromethane	ND	0.39	0.50		µg/L	1	7/13/2010 11:03 AM
Bromoform	ND	0.30	0.50		µg/L	1	7/13/2010 11:03 AM
Bromomethane	ND	0.32	0.50		µg/L	1	7/13/2010 11:03 AM
Carbon tetrachloride	ND	0.38	0.50		µg/L	1	7/13/2010 11:03 AM
Chlorobenzene	ND	0.28	0.50		µg/L	1	7/13/2010 11:03 AM
Chloroethane	ND	0.35	0.50		µg/L	1	7/13/2010 11:03 AM
Chloroform	ND	0.23	0.50		µg/L	1	7/13/2010 11:03 AM
Chloromethane	ND	0.32	0.50		µg/L	1	7/13/2010 11:03 AM
cis-1,2-Dichloroethene	ND	0.15	0.50		µg/L	1	7/13/2010 11:03 AM

Qualifiers:

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified
DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	Trip Blank
Lab Order:	112654	**Collection Date:**	7/9/2010 11:30:00 AM
Project:	ABI, 01-ABI-001	**Matrix:**	AQUEOUS
Lab ID:	112654-011A		

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS							
			EPA 8260B				
RunID: **MS11_100713A**	QC Batch: **A10VW149**				PrepDate:		Analyst: **SLL**
cis-1,3-Dichloropropene	ND	0.29	0.50		µg/L	1	7/13/2010 11:03 AM
Dibromochloromethane	ND	0.40	0.50		µg/L	1	7/13/2010 11:03 AM
Dibromomethane	ND	0.19	0.50		µg/L	1	7/13/2010 11:03 AM
Dichlorodifluoromethane	ND	0.33	0.50		µg/L	1	7/13/2010 11:03 AM
Ethylbenzene	ND	0.22	0.50		µg/L	1	7/13/2010 11:03 AM
Hexachlorobutadiene	ND	0.28	0.50		µg/L	1	7/13/2010 11:03 AM
Isopropylbenzene	ND	0.30	0.50		µg/L	1	7/13/2010 11:03 AM
m,p-Xylene	ND	0.49	1.0		µg/L	1	7/13/2010 11:03 AM
Methylene chloride	ND	1.0	1.0		µg/L	1	7/13/2010 11:03 AM
n-Butylbenzene	ND	0.30	0.50		µg/L	1	7/13/2010 11:03 AM
n-Propylbenzene	ND	0.36	0.50		µg/L	1	7/13/2010 11:03 AM
Naphthalene	ND	0.35	0.50		µg/L	1	7/13/2010 11:03 AM
o-Xylene	ND	0.27	0.50		µg/L	1	7/13/2010 11:03 AM
sec-Butylbenzene	ND	0.33	0.50		µg/L	1	7/13/2010 11:03 AM
Styrene	ND	0.38	0.50		µg/L	1	7/13/2010 11:03 AM
tert-Butylbenzene	ND	0.35	0.50		µg/L	1	7/13/2010 11:03 AM
Tetrachloroethene	ND	0.19	0.50		µg/L	1	7/13/2010 11:03 AM
Toluene	ND	0.22	0.50		µg/L	1	7/13/2010 11:03 AM
trans-1,2-Dichloroethene	ND	0.22	0.50		µg/L	1	7/13/2010 11:03 AM
Trichloroethene	ND	0.15	0.50		µg/L	1	7/13/2010 11:03 AM
Trichlorofluoromethane	ND	0.26	0.50		µg/L	1	7/13/2010 11:03 AM
Vinyl chloride	ND	0.34	0.50		µg/L	1	7/13/2010 11:03 AM
Surr: 1,2-Dichloroethane-d4	85.4	0	70-130		%REC	1	7/13/2010 11:03 AM
Surr: 4-Bromofluorobenzene	103	0	70-130		%REC	1	7/13/2010 11:03 AM
Surr: Dibromofluoromethane	105	0	70-130		%REC	1	7/13/2010 11:03 AM
Surr: Toluene-d8	99.2	0	70-130		%REC	1	7/13/2010 11:03 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	Equipment Blank
Lab Order:	112654	**Collection Date:**	7/9/2010 11:45:00 AM
Project:	ABI, 01-ABI-001	**Matrix:**	AQUEOUS
Lab ID:	112654-012A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS11_100713A** QC Batch: **A10VW149** PrepDate: Analyst: **SLL**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	0.45	0.50		µg/L	1	7/13/2010 11:23 AM
1,1,1-Trichloroethane	ND	0.27	0.50		µg/L	1	7/13/2010 11:23 AM
1,1,2,2-Tetrachloroethane	ND	0.35	0.50		µg/L	1	7/13/2010 11:23 AM
1,1,2-Trichloroethane	ND	0.43	0.50		µg/L	1	7/13/2010 11:23 AM
1,1-Dichloroethane	ND	0.17	0.50		µg/L	1	7/13/2010 11:23 AM
1,1-Dichloroethene	ND	0.19	0.50		µg/L	1	7/13/2010 11:23 AM
1,1-Dichloropropene	ND	0.30	0.50		µg/L	1	7/13/2010 11:23 AM
1,2,3-Trichlorobenzene	ND	0.48	0.50		µg/L	1	7/13/2010 11:23 AM
1,2,3-Trichloropropane	ND	0.24	0.50		µg/L	1	7/13/2010 11:23 AM
1,2,4-Trichlorobenzene	ND	0.43	0.50		µg/L	1	7/13/2010 11:23 AM
1,2,4-Trimethylbenzene	ND	0.44	0.50		µg/L	1	7/13/2010 11:23 AM
1,2-Dibromo-3-chloropropane	ND	0.35	0.50		µg/L	1	7/13/2010 11:23 AM
1,2-Dibromoethane	ND	0.37	0.50		µg/L	1	7/13/2010 11:23 AM
1,2-Dichlorobenzene	ND	0.27	0.50		µg/L	1	7/13/2010 11:23 AM
1,2-Dichloroethane	ND	0.16	0.50		µg/L	1	7/13/2010 11:23 AM
1,2-Dichloropropane	ND	0.20	0.50		µg/L	1	7/13/2010 11:23 AM
1,3,5-Trimethylbenzene	ND	0.36	0.50		µg/L	1	7/13/2010 11:23 AM
1,3-Dichlorobenzene	ND	0.28	0.50		µg/L	1	7/13/2010 11:23 AM
1,3-Dichloropropane	ND	0.32	0.50		µg/L	1	7/13/2010 11:23 AM
1,4-Dichlorobenzene	ND	0.24	0.50		µg/L	1	7/13/2010 11:23 AM
2,2-Dichloropropane	ND	0.32	0.50		µg/L	1	7/13/2010 11:23 AM
2-Chlorotoluene	ND	0.31	0.50		µg/L	1	7/13/2010 11:23 AM
4-Chlorotoluene	ND	0.23	0.50		µg/L	1	7/13/2010 11:23 AM
4-Isopropyltoluene	ND	0.36	0.50		µg/L	1	7/13/2010 11:23 AM
Benzene	ND	0.17	0.50		µg/L	1	7/13/2010 11:23 AM
Bromobenzene	ND	0.21	0.50		µg/L	1	7/13/2010 11:23 AM
Bromodichloromethane	ND	0.39	0.50		µg/L	1	7/13/2010 11:23 AM
Bromoform	ND	0.30	0.50		µg/L	1	7/13/2010 11:23 AM
Bromomethane	ND	0.32	0.50		µg/L	1	7/13/2010 11:23 AM
Carbon tetrachloride	ND	0.38	0.50		µg/L	1	7/13/2010 11:23 AM
Chlorobenzene	ND	0.28	0.50		µg/L	1	7/13/2010 11:23 AM
Chloroethane	ND	0.35	0.50		µg/L	1	7/13/2010 11:23 AM
Chloroform	ND	0.23	0.50		µg/L	1	7/13/2010 11:23 AM
Chloromethane	ND	0.32	0.50		µg/L	1	7/13/2010 11:23 AM
cis-1,2-Dichloroethene	ND	0.15	0.50		µg/L	1	7/13/2010 11:23 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified	DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	Equipment Blank
Lab Order:	112654	**Collection Date:**	7/9/2010 11:45:00 AM
Project:	ABI, 01-ABI-001	**Matrix:**	AQUEOUS
Lab ID:	112654-012A		

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: **MS11_100713A** QC Batch: **A10VW149** PrepDate: Analyst: **SLL**

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
cis-1,3-Dichloropropene	ND	0.29	0.50		µg/L	1	7/13/2010 11:23 AM
Dibromochloromethane	ND	0.40	0.50		µg/L	1	7/13/2010 11:23 AM
Dibromomethane	ND	0.19	0.50		µg/L	1	7/13/2010 11:23 AM
Dichlorodifluoromethane	ND	0.33	0.50		µg/L	1	7/13/2010 11:23 AM
Ethylbenzene	ND	0.22	0.50		µg/L	1	7/13/2010 11:23 AM
Hexachlorobutadiene	ND	0.28	0.50		µg/L	1	7/13/2010 11:23 AM
Isopropylbenzene	ND	0.30	0.50		µg/L	1	7/13/2010 11:23 AM
m,p-Xylene	ND	0.49	1.0		µg/L	1	7/13/2010 11:23 AM
Methylene chloride	ND	1.0	1.0		µg/L	1	7/13/2010 11:23 AM
n-Butylbenzene	ND	0.30	0.50		µg/L	1	7/13/2010 11:23 AM
n-Propylbenzene	ND	0.36	0.50		µg/L	1	7/13/2010 11:23 AM
Naphthalene	ND	0.35	0.50		µg/L	1	7/13/2010 11:23 AM
o-Xylene	ND	0.27	0.50		µg/L	1	7/13/2010 11:23 AM
sec-Butylbenzene	ND	0.33	0.50		µg/L	1	7/13/2010 11:23 AM
Styrene	ND	0.38	0.50		µg/L	1	7/13/2010 11:23 AM
tert-Butylbenzene	ND	0.35	0.50		µg/L	1	7/13/2010 11:23 AM
Tetrachloroethene	ND	0.19	0.50		µg/L	1	7/13/2010 11:23 AM
Toluene	ND	0.22	0.50		µg/L	1	7/13/2010 11:23 AM
trans-1,2-Dichloroethene	ND	0.22	0.50		µg/L	1	7/13/2010 11:23 AM
Trichloroethene	ND	0.15	0.50		µg/L	1	7/13/2010 11:23 AM
Trichlorofluoromethane	ND	0.26	0.50		µg/L	1	7/13/2010 11:23 AM
Vinyl chloride	ND	0.34	0.50		µg/L	1	7/13/2010 11:23 AM
Surr: 1,2-Dichloroethane-d4	86.1	0	70-130		%REC	1	7/13/2010 11:23 AM
Surr: 4-Bromofluorobenzene	102	0	70-130		%REC	1	7/13/2010 11:23 AM
Surr: Dibromofluoromethane	105	0	70-130		%REC	1	7/13/2010 11:23 AM
Surr: Toluene-d8	98.3	0	70-130		%REC	1	7/13/2010 11:23 AM

Qualifiers:

B	Analyte detected in the associated Method Blank
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference
	Results are wet unless otherwise specified
DO	Surrogate Diluted Out

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-6
Lab Order:	112654	**Collection Date:**	7/8/2010 1:00:00 PM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-001B		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
		EPA 8015B(M)				
RunID: GC19_100713A	QC Batch: M10VW066			PrepDate:		Analyst: **CL**
GRO	ND	0.050		mg/L	1	7/13/2010 01:34 PM
Surr: Bromofluorobenzene (FID)	102	70-130		%REC	1	7/13/2010 01:34 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-6
Lab Order:	112654	**Collection Date:**	7/8/2010 1:00:00 PM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-001C		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SILICA GEL CLEANUP DRO BY GC-FID						
EPA 3510C				**EPA 8015B**		
RunID: GC16_100714G	QC Batch: 65448			PrepDate: 7/14/2010		Analyst: **CBR**
DRO	0.067	0.050		mg/L	1	7/15/2010 12:44 AM
Surr: p-Terphenyl	72.2	36-126		%REC	1	7/15/2010 12:44 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-4
Lab Order:	112654	**Collection Date:**	7/8/2010 1:50:00 PM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-002B		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
		EPA 8015B(M)				
RunID: GC19_100715A	QC Batch: M10VW068			PrepDate:		Analyst: **DDL**
GRO	0.11	0.050		mg/L	1	7/15/2010 01:46 PM
Surr: Bromofluorobenzene (FID)	101	70-130		%REC	1	7/15/2010 01:46 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-4
Lab Order:	112654	**Collection Date:**	7/8/2010 1:50:00 PM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-002C		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SILICA GEL CLEANUP DRO BY GC-FID						
EPA 3510C				**EPA 8015B**		
RunID: GC16_100714G	QC Batch: 65448			PrepDate: 7/14/2010		Analyst: **CBR**
DRO	ND	0.050		mg/L	1	7/15/2010 12:54 AM
Surr: p-Terphenyl	76.3	36-126		%REC	1	7/15/2010 12:54 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-3
Lab Order:	112654	**Collection Date:**	7/8/2010 2:35:00 PM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-003B		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
		EPA 8015B(M)				
RunID: GC19_100715A	QC Batch: M10VW068			PrepDate:		Analyst: **DDL**
GRO	ND	0.050		mg/L	1	7/15/2010 02:05 PM
Surr: Bromofluorobenzene (FID)	101	70-130		%REC	1	7/15/2010 02:05 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-3
Lab Order:	112654	**Collection Date:**	7/8/2010 2:35:00 PM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-003C		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SILICA GEL CLEANUP DRO BY GC-FID						
EPA 3510C				**EPA 8015B**		
RunID: GC16_100714G	QC Batch: 65448			PrepDate: 7/14/2010		Analyst: **CBR**
DRO	ND	0.050		mg/L	1	7/15/2010 01:03 AM
Surr: p-Terphenyl	88.9	36-126		%REC	1	7/15/2010 01:03 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-3
Lab Order:	112654	**Collection Date:**	7/8/2010 2:35:00 PM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-003D		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON						
		SM5310B				
RunID: TOC1_100716A	QC Batch: R123226			PrepDate:		Analyst: **CBB**
Organic Carbon, Total	ND	3.0		mg/L	1	7/16/2010 12:31 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-3
Lab Order:	112654	**Collection Date:**	7/8/2010 2:35:00 PM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-003E		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED GASES IN WATER						
			RSK175			
RunID: GC18_100719A	QC Batch: Z10A030			PrepDate:		Analyst: **BB**
Ethane	ND	2.0		ug/L	1	7/19/2010 04:22 PM
Ethylene	ND	3.0		ug/L	1	7/19/2010 04:22 PM
Methane	1600	10		ug/L	10	7/19/2010 04:52 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-8
Lab Order:	112654	**Collection Date:**	7/8/2010 3:25:00 PM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-004B		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
		EPA 8015B(M)				
RunID: GC19_100716A	QC Batch: M10VW069			PrepDate:		Analyst: **CL**
GRO	0.14	0.050		mg/L	1	7/16/2010 11:38 AM
Surr: Bromofluorobenzene (FID)	103	70-130		%REC	1	7/16/2010 11:38 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-8
Lab Order:	112654	**Collection Date:**	7/8/2010 3:25:00 PM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-004C		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SILICA GEL CLEANUP DRO BY GC-FID						
EPA 3510C				**EPA 8015B**		
RunID: GC16_100714G	QC Batch: 65448			PrepDate: 7/14/2010		Analyst: **CBR**
DRO	0.11	0.050		mg/L	1	7/15/2010 01:12 AM
Surr: p-Terphenyl	89.3	36-126		%REC	1	7/15/2010 01:12 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-8
Lab Order:	112654	**Collection Date:**	7/8/2010 3:25:00 PM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-004D		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
TOTAL ORGANIC CARBON						
		SM5310B				
RunID: TOC1_100716A	QC Batch: R123226			PrepDate:		Analyst: **CBB**
Organic Carbon, Total	320	15		mg/L	5	7/16/2010 01:19 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-8
Lab Order:	112654	**Collection Date:**	7/8/2010 3:25:00 PM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-004E		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
DISSOLVED GASES IN WATER						
			RSK175			
RunID: GC18_100719A	QC Batch: Z10A030			PrepDate:		Analyst: **BB**
Ethane	ND	2.0		ug/L	1	7/19/2010 05:06 PM
Ethylene	14	3.0		ug/L	1	7/19/2010 05:06 PM
Methane	1700	10		ug/L	10	7/19/2010 05:19 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-98
Lab Order:	112654	**Collection Date:**	7/8/2010 3:30:00 PM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-005B		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
		EPA 8015B(M)				
RunID: GC19_100715A	QC Batch: M10VW068			PrepDate:		Analyst: **DDL**
GRO	0.14	0.050		mg/L	1	7/15/2010 02:44 PM
Surr: Bromofluorobenzene (FID)	106	70-130		%REC	1	7/15/2010 02:44 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-98
Lab Order:	112654	**Collection Date:**	7/8/2010 3:30:00 PM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-005C		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SILICA GEL CLEANUP DRO BY GC-FID						
EPA 3510C				**EPA 8015B**		
RunID: GC16_100714G	QC Batch: 65448			PrepDate: 7/14/2010		Analyst: **CBR**
DRO	0.074	0.050		mg/L	1	7/15/2010 01:22 AM
Surr: p-Terphenyl	71.7	36-126		%REC	1	7/15/2010 01:22 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-5
Lab Order:	112654	**Collection Date:**	7/9/2010 8:30:00 AM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-006B		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
		EPA 8015B(M)				
RunID: GC19_100713A	QC Batch: M10VW066			PrepDate:		Analyst: **CL**
GRO	0.12	0.050		mg/L	1	7/13/2010 03:51 PM
Surr: Bromofluorobenzene (FID)	102	70-130		%REC	1	7/13/2010 03:51 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-5
Lab Order:	112654	**Collection Date:**	7/9/2010 8:30:00 AM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-006C		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SILICA GEL CLEANUP DRO BY GC-FID						
EPA 3510C				**EPA 8015B**		
RunID: GC16_100714G	QC Batch: 65448			PrepDate: 7/14/2010		Analyst: **CBR**
DRO	ND	0.050		mg/L	1	7/15/2010 01:31 AM
Surr: p-Terphenyl	83.0	36-126		%REC	1	7/15/2010 01:31 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-2R
Lab Order:	112654	**Collection Date:**	7/9/2010 9:05:00 AM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-007B		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
		EPA 8015B(M)				
RunID: GC19_100713A	QC Batch: M10VW066			PrepDate:		Analyst: **CL**
GRO	0.21	0.050		mg/L	1	7/13/2010 04:21 PM
Surr: Bromofluorobenzene (FID)	104	70-130		%REC	1	7/13/2010 04:21 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-2R
Lab Order:	112654	**Collection Date:**	7/9/2010 9:05:00 AM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-007C		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SILICA GEL CLEANUP DRO BY GC-FID						
EPA 3510C				**EPA 8015B**		
RunID: GC16_100714G	QC Batch: 65448			PrepDate: 7/14/2010		Analyst: **CBR**
DRO	ND	0.050		mg/L	1	7/15/2010 02:08 AM
Surr: p-Terphenyl	78.6	36-126		%REC	1	7/15/2010 02:08 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-9
Lab Order:	112654	**Collection Date:**	7/9/2010 9:40:00 AM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-008B		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
		EPA 8015B(M)				
RunID: GC19_100715A	QC Batch: M10VW068			PrepDate:		Analyst: **DDL**
GRO	2.7	0.050		mg/L	1	7/15/2010 03:04 PM
Surr: Bromofluorobenzene (FID)	130	70-130		%REC	1	7/15/2010 03:04 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-9
Lab Order:	112654	**Collection Date:**	7/9/2010 9:40:00 AM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-008C		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SILICA GEL CLEANUP DRO BY GC-FID						
EPA 3510C				**EPA 8015B**		
RunID: GC16_100714G	QC Batch: 65448			PrepDate: 7/14/2010		Analyst: **CBR**
DRO	0.25	0.050		mg/L	1	7/15/2010 01:40 AM
Surr: p-Terphenyl	80.0	36-126		%REC	1	7/15/2010 01:40 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-1
Lab Order:	112654	**Collection Date:**	7/9/2010 10:25:00 AM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-009B		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
		EPA 8015B(M)				
RunID: GC19_100713A	QC Batch: M10VW066			PrepDate:		Analyst: **CL**
GRO	ND	0.050		mg/L	1	7/13/2010 02:45 PM
Surr: Bromofluorobenzene (FID)	100	70-130		%REC	1	7/13/2010 02:45 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-1
Lab Order:	112654	**Collection Date:**	7/9/2010 10:25:00 AM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-009C		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SILICA GEL CLEANUP DRO BY GC-FID						
EPA 3510C				**EPA 8015B**		
RunID: GC16_100714G	QC Batch: 65448			PrepDate: 7/14/2010		Analyst: **CBR**
DRO	0.081	0.050		mg/L	1	7/15/2010 01:50 AM
Surr: p-Terphenyl	76.1	36-126		%REC	1	7/15/2010 01:50 AM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-7
Lab Order:	112654	**Collection Date:**	7/9/2010 11:10:00 AM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-010B		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
GASOLINE RANGE ORGANICS BY GC/FID						
		EPA 8015B(M)				
RunID: GC19_100713A	QC Batch: M10VW066			PrepDate:		Analyst: **CL**
GRO	ND	0.050		mg/L	1	7/13/2010 03:18 PM
Surr: Bromofluorobenzene (FID)	99.3	70-130		%REC	1	7/13/2010 03:18 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
DO	Surrogate Diluted Out		

CLIENT:	The Source Group Inc.	**Client Sample ID:**	MW-7
Lab Order:	112654	**Collection Date:**	7/9/2010 11:10:00 AM
Project:	ABI, 01-ABI-001	**Matrix:**	GROUNDWATER
Lab ID:	112654-010C		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
SILICA GEL CLEANUP DRO BY GC-FID						
EPA 3510C				**EPA 8015B**		
RunID: GC16_100714G	QC Batch: 65448			PrepDate:	7/14/2010	Analyst: **CBR**
DRO	ND	0.050		mg/L	1	7/15/2010 01:59 AM
Surr: p-Terphenyl	79.9	36-126		%REC	1	7/15/2010 01:59 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	ND	Not Detected at the Reporting Limit
	S	Spike/Surrogate outside of limits due to matrix interference		Results are wet unless otherwise specified
	DO	Surrogate Diluted Out		

CLIENT: The Source Group Inc.
Work Order: 112654
Project: ABI, 01-ABI-001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **A100713LCS1** SampType: **LCS** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **123106**
Client ID: **LCSW** Batch ID: **A10VW149** TestNo: **EPA 8260B** Analysis Date: **7/13/2010** SeqNo: **1972977**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	19.360	0.50	20.00	0	96.8	70	130				
Benzene	37.330	0.50	40.00	0	93.3	70	130				
Chlorobenzene	18.480	0.50	20.00	0	92.4	70	130				
MTBE	24.000	0.50	20.00	0	120	70	130				
Toluene	39.680	0.50	40.00	0	99.2	70	130				
Trichloroethene	18.120	0.50	20.00	0	90.6	70	130				
Surr: 1,2-Dichloroethane-d4	21.810		25.00		87.2	70	130				
Surr: 4-Bromofluorobenzene	25.780		25.00		103	70	130				
Surr: Dibromofluoromethane	25.570		25.00		102	70	130				
Surr: Toluene-d8	24.320		25.00		97.3	70	130				

Sample ID: **A100713MB2MS** SampType: **MS** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **123106**
Client ID: **ZZZZZZ** Batch ID: **A10VW149** TestNo: **EPA 8260B** Analysis Date: **7/13/2010** SeqNo: **1972978**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	19.110	0.50	20.00	0	95.6	70	130				
Benzene	37.460	0.50	40.00	0	93.6	70	130				
Chlorobenzene	18.800	0.50	20.00	0	94.0	70	130				
Toluene	39.980	0.50	40.00	0	100	70	130				
Trichloroethene	18.370	0.50	20.00	0	91.9	70	130				
Surr: 1,2-Dichloroethane-d4	21.550		25.00		86.2	70	130				
Surr: 4-Bromofluorobenzene	26.160		25.00		105	70	130				
Surr: Dibromofluoromethane	25.250		25.00		101	70	130				
Surr: Toluene-d8	24.580		25.00		98.3	70	130				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **A100713MB2MSD** SampType: **MSD** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **123106**
Client ID: **ZZZZZZ** Batch ID: **A10VW149** TestNo: **EPA 8260B** Analysis Date: **7/13/2010** SeqNo: **1972979**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	18.950	0.50	20.00	0	94.8	70	130	19.11	0.841	20	
Benzene	36.960	0.50	40.00	0	92.4	70	130	37.46	1.34	20	
Chlorobenzene	18.520	0.50	20.00	0	92.6	70	130	18.80	1.50	20	
Toluene	39.570	0.50	40.00	0	98.9	70	130	39.98	1.03	20	
Trichloroethene	17.720	0.50	20.00	0	88.6	70	130	18.37	3.60	20	
Surr: 1,2-Dichloroethane-d4	22.180		25.00		88.7	70	130		0	0	
Surr: 4-Bromofluorobenzene	26.410		25.00		106	70	130		0	0	
Surr: Dibromofluoromethane	26.190		25.00		105	70	130		0	0	
Surr: Toluene-d8	25.020		25.00		100	70	130		0	0	

Sample ID: **A100713MB2** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **123106**
Client ID: **PBW** Batch ID: **A10VW149** TestNo: **EPA 8260B** Analysis Date: **7/13/2010** SeqNo: **1972980**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.50									
1,1,1-Trichloroethane	ND	0.50									
1,1,2,2-Tetrachloroethane	ND	0.50									
1,1,2-Trichloroethane	ND	0.50									
1,1-Dichloroethane	ND	0.50									
1,1-Dichloroethene	ND	0.50									
1,1-Dichloropropene	ND	0.50									
1,2,3-Trichlorobenzene	ND	0.50									
1,2,3-Trichloropropane	ND	0.50									
1,2,4-Trichlorobenzene	ND	0.50									
1,2,4-Trimethylbenzene	ND	0.50									
1,2-Dibromo-3-chloropropane	ND	0.50									
1,2-Dibromoethane	ND	0.50									
1,2-Dichlorobenzene	ND	0.50									
1,2-Dichloroethane	ND	0.50									
1,2-Dichloropropane	ND	0.50									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: The Source Group Inc.
Work Order: 112654
Project: ABI, 01-ABI-001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **A100713MB2** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **123106**
Client ID: **PBW** Batch ID: **A10VW149** TestNo: **EPA 8260B** Analysis Date: **7/13/2010** SeqNo: **1972980**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3,5-Trimethylbenzene	ND	0.50									
1,3-Dichlorobenzene	ND	0.50									
1,3-Dichloropropane	ND	0.50									
1,4-Dichlorobenzene	ND	0.50									
2,2-Dichloropropane	ND	0.50									
2-Chlorotoluene	ND	0.50									
4-Chlorotoluene	ND	0.50									
4-Isopropyltoluene	ND	0.50									
Benzene	ND	0.50									
Bromobenzene	ND	0.50									
Bromodichloromethane	ND	0.50									
Bromoform	ND	0.50									
Bromomethane	ND	0.50									
Carbon tetrachloride	ND	0.50									
Chlorobenzene	ND	0.50									
Chloroethane	ND	0.50									
Chloroform	ND	0.50									
Chloromethane	ND	0.50									
cis-1,2-Dichloroethene	ND	0.50									
cis-1,3-Dichloropropene	ND	0.50									
Dibromochloromethane	ND	0.50									
Dibromomethane	ND	0.50									
Dichlorodifluoromethane	ND	0.50									
Ethylbenzene	ND	0.50									
Hexachlorobutadiene	ND	0.50									
Isopropylbenzene	ND	0.50									
m,p-Xylene	ND	1.0									
Methylene chloride	ND	1.0									
n-Butylbenzene	ND	0.50									
n-Propylbenzene	ND	0.50									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: The Source Group Inc.
Work Order: 112654
Project: ABI, 01-ABI-001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **A100713MB2** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **123106**
Client ID: **PBW** Batch ID: **A10VW149** TestNo: **EPA 8260B** Analysis Date: **7/13/2010** SeqNo: **1972980**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	0.50									
o-Xylene	ND	0.50									
sec-Butylbenzene	ND	0.50									
Styrene	ND	0.50									
tert-Butylbenzene	ND	0.50									
Tetrachloroethene	ND	0.50									
Toluene	ND	0.50									
trans-1,2-Dichloroethene	ND	0.50									
Trichloroethene	ND	0.50									
Trichlorofluoromethane	ND	0.50									
Vinyl chloride	ND	0.50									
Surr: 1,2-Dichloroethane-d4	20.740		25.00		83.0	70	130				
Surr: 4-Bromofluorobenzene	26.080		25.00		104	70	130				
Surr: Dibromofluoromethane	25.190		25.00		101	70	130				
Surr: Toluene-d8	24.610		25.00		98.4	70	130				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: The Source Group Inc.
Work Order: 112654
Project: ABI, 01-ABI-001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **A100714LCS1** SampType: **LCS** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **123115**
Client ID: **LCSW** Batch ID: **A10VW150** TestNo: **EPA 8260B** Analysis Date: **7/14/2010** SeqNo: **1973133**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	20.460	0.50	20.00	0	102	70	130				
Benzene	37.610	0.50	40.00	0	94.0	70	130				
Chlorobenzene	18.520	0.50	20.00	0	92.6	70	130				
MTBE	23.270	0.50	20.00	0	116	70	130				
Toluene	40.510	0.50	40.00	0	101	70	130				
Trichloroethene	18.250	0.50	20.00	0	91.2	70	130				
Surr: 1,2-Dichloroethane-d4	21.370		25.00		85.5	70	130				
Surr: 4-Bromofluorobenzene	26.140		25.00		105	70	130				
Surr: Dibromofluoromethane	25.230		25.00		101	70	130				
Surr: Toluene-d8	24.250		25.00		97.0	70	130				

Sample ID: **A100714MB2MS** SampType: **MS** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **123115**
Client ID: **ZZZZZZ** Batch ID: **A10VW150** TestNo: **EPA 8260B** Analysis Date: **7/14/2010** SeqNo: **1973135**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	19.640	0.50	20.00	0	98.2	70	130				
Benzene	38.490	0.50	40.00	0	96.2	70	130				
Chlorobenzene	18.730	0.50	20.00	0	93.6	70	130				
Toluene	40.960	0.50	40.00	0	102	70	130				
Trichloroethene	18.840	0.50	20.00	0	94.2	70	130				
Surr: 1,2-Dichloroethane-d4	21.050		25.00		84.2	70	130				
Surr: 4-Bromofluorobenzene	26.030		25.00		104	70	130				
Surr: Dibromofluoromethane	25.010		25.00		100	70	130				
Surr: Toluene-d8	24.190		25.00		96.8	70	130				

Sample ID: **A100714MB2MSD** SampType: **MSD** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **123115**
Client ID: **ZZZZZZ** Batch ID: **A10VW150** TestNo: **EPA 8260B** Analysis Date: **7/14/2010** SeqNo: **1973136**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	19.420	0.50	20.00	0	97.1	70	130	19.64	1.13	20	

Qualifiers:

B Analyte detected in the associated Method Blank
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike/Surrogate outside of limits due to matrix interference
DO Surrogate Diluted Out
Calculations are based on raw values

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **A100714MB2MSD** SampType: **MSD** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **123115**
Client ID: **ZZZZZZ** Batch ID: **A10VW150** TestNo: **EPA 8260B** Analysis Date: **7/14/2010** SeqNo: **1973136**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	37.770	0.50	40.00	0	94.4	70	130	38.49	1.89	20	
Chlorobenzene	18.420	0.50	20.00	0	92.1	70	130	18.73	1.67	20	
Toluene	40.340	0.50	40.00	0	101	70	130	40.96	1.53	20	
Trichloroethene	18.210	0.50	20.00	0	91.1	70	130	18.84	3.40	20	
Surr: 1,2-Dichloroethane-d4	21.810		25.00		87.2	70	130		0	0	
Surr: 4-Bromofluorobenzene	26.340		25.00		105	70	130		0	0	
Surr: Dibromofluoromethane	25.600		25.00		102	70	130		0	0	
Surr: Toluene-d8	24.410		25.00		97.6	70	130		0	0	

Sample ID: **A100714MB2** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **123115**
Client ID: **PBW** Batch ID: **A10VW150** TestNo: **EPA 8260B** Analysis Date: **7/14/2010** SeqNo: **1973137**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	0.50									
1,1,1-Trichloroethane	ND	0.50									
1,1,2,2-Tetrachloroethane	ND	0.50									
1,1,2-Trichloroethane	ND	0.50									
1,1-Dichloroethane	ND	0.50									
1,1-Dichloroethene	ND	0.50									
1,1-Dichloropropene	ND	0.50									
1,2,3-Trichlorobenzene	ND	0.50									
1,2,3-Trichloropropane	ND	0.50									
1,2,4-Trichlorobenzene	ND	0.50									
1,2,4-Trimethylbenzene	ND	0.50									
1,2-Dibromo-3-chloropropane	ND	0.50									
1,2-Dibromoethane	ND	0.50									
1,2-Dichlorobenzene	ND	0.50									
1,2-Dichloroethane	ND	0.50									
1,2-Dichloropropane	ND	0.50									
1,3,5-Trimethylbenzene	ND	0.50									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: The Source Group Inc.
Work Order: 112654
Project: ABI, 01-ABI-001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **A100714MB2** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **123115**
Client ID: **PBW** Batch ID: **A10VW150** TestNo: **EPA 8260B** Analysis Date: **7/14/2010** SeqNo: **1973137**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	ND	0.50									
1,3-Dichloropropane	ND	0.50									
1,4-Dichlorobenzene	ND	0.50									
2,2-Dichloropropane	ND	0.50									
2-Chlorotoluene	ND	0.50									
4-Chlorotoluene	ND	0.50									
4-Isopropyltoluene	ND	0.50									
Benzene	ND	0.50									
Bromobenzene	ND	0.50									
Bromodichloromethane	ND	0.50									
Bromoform	ND	0.50									
Bromomethane	ND	0.50									
Carbon tetrachloride	ND	0.50									
Chlorobenzene	ND	0.50									
Chloroethane	ND	0.50									
Chloroform	ND	0.50									
Chloromethane	ND	0.50									
cis-1,2-Dichloroethene	ND	0.50									
cis-1,3-Dichloropropene	ND	0.50									
Dibromochloromethane	ND	0.50									
Dibromomethane	ND	0.50									
Dichlorodifluoromethane	ND	0.50									
Ethylbenzene	ND	0.50									
Hexachlorobutadiene	ND	0.50									
Isopropylbenzene	ND	0.50									
m,p-Xylene	ND	1.0									
Methylene chloride	ND	1.0									
n-Butylbenzene	ND	0.50									
n-Propylbenzene	ND	0.50									
Naphthalene	ND	0.50									

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: The Source Group Inc.
Work Order: 112654
Project: ABI, 01-ABI-001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **A100714MB2** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **123115**
Client ID: **PBW** Batch ID: **A10VW150** TestNo: **EPA 8260B** Analysis Date: **7/14/2010** SeqNo: **1973137**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Xylene	ND	0.50									
sec-Butylbenzene	ND	0.50									
Styrene	ND	0.50									
tert-Butylbenzene	ND	0.50									
Tetrachloroethene	ND	0.50									
Toluene	ND	0.50									
trans-1,2-Dichloroethene	ND	0.50									
Trichloroethene	ND	0.50									
Trichlorofluoromethane	ND	0.50									
Vinyl chloride	ND	0.50									
Surr: 1,2-Dichloroethane-d4	20.530		25.00		82.1	70	130				
Surr: 4-Bromofluorobenzene	26.400		25.00		106	70	130				
Surr: Dibromofluoromethane	24.520		25.00		98.1	70	130				
Surr: Toluene-d8	24.420		25.00		97.7	70	130				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike/Surrogate outside of limits due to matrix interference	DO	Surrogate Diluted Out		Calculations are based on raw values

CLIENT: The Source Group Inc.
Work Order: 112654
Project: ABI, 01-ABI-001

ANALYTICAL QC SUMMARY REPORT

TestCode: 415.1_5310B_W

Sample ID: **MB-R123226**	SampType: **MBLK**	TestCode: **415.1_5310B**	Units: **mg/L**	Prep Date:	RunNo: **123226**
Client ID: **PBW**	Batch ID: **R123226**	TestNo: **SM5310B**		Analysis Date: **7/16/2010**	SeqNo: **1975411**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	ND	3.0									

Sample ID: **LCS-R123226**	SampType: **LCS**	TestCode: **415.1_5310B**	Units: **mg/L**	Prep Date:	RunNo: **123226**
Client ID: **LCSW**	Batch ID: **R123226**	TestNo: **SM5310B**		Analysis Date: **7/16/2010**	SeqNo: **1975412**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	19.280	3.0	20.00	0	96.4	80	120				

Sample ID: **MBLK-MS**	SampType: **MS**	TestCode: **415.1_5310B**	Units: **mg/L**	Prep Date:	RunNo: **123226**
Client ID: **ZZZZZZ**	Batch ID: **R123226**	TestNo: **SM5310B**		Analysis Date: **7/16/2010**	SeqNo: **1975423**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	20.540	3.0	20.00	0	103	70	130				

Sample ID: **MBLK-MSD**	SampType: **MSD**	TestCode: **415.1_5310B**	Units: **mg/L**	Prep Date:	RunNo: **123226**
Client ID: **ZZZZZZ**	Batch ID: **R123226**	TestNo: **SM5310B**		Analysis Date: **7/16/2010**	SeqNo: **1975424**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Organic Carbon, Total	19.860	3.0	20.00	0	99.3	70	130	20.54	3.37	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

CLIENT: The Source Group Inc.
Work Order: 112654
Project: ABI, 01-ABI-001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_DSL_LLSGT

Sample ID: **MB-65448**	SampType: **MBLK**	TestCode: **8015_W_DSL**	Units: **mg/L**	Prep Date: **7/14/2010**	RunNo: **123185**
Client ID: **PBW**	Batch ID: **65448**	TestNo: **EPA 8015B**	**EPA 3510C**	Analysis Date: **7/15/2010**	SeqNo: **1974539**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	ND	0.050									
Surr: p-Terphenyl	0.063		0.08000		78.1	36	126				

Sample ID: **LCS-65448**	SampType: **LCS**	TestCode: **8015_W_DSL**	Units: **mg/L**	Prep Date: **7/14/2010**	RunNo: **123185**
Client ID: **LCSW**	Batch ID: **65448**	TestNo: **EPA 8015B**	**EPA 3510C**	Analysis Date: **7/15/2010**	SeqNo: **1974540**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	0.801	0.050	1.000	0	80.1	52	128				
Surr: p-Terphenyl	0.060		0.08000		75.4	36	126				

Sample ID: **MB-65448MS**	SampType: **MS**	TestCode: **8015_W_DSL**	Units: **mg/L**	Prep Date: **7/14/2010**	RunNo: **123185**
Client ID: **ZZZZZZ**	Batch ID: **65448**	TestNo: **EPA 8015B**	**EPA 3510C**	Analysis Date: **7/15/2010**	SeqNo: **1974541**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	0.985	0.050	1.000	0	98.5	52	128				
Surr: p-Terphenyl	0.080		0.08000		100	36	126				

Sample ID: **MB-65448MSD**	SampType: **MSD**	TestCode: **8015_W_DSL**	Units: **mg/L**	Prep Date: **7/14/2010**	RunNo: **123185**
Client ID: **ZZZZZZ**	Batch ID: **65448**	TestNo: **EPA 8015B**	**EPA 3510C**	Analysis Date: **7/15/2010**	SeqNo: **1974542**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
DRO	0.824	0.050	1.000	0	82.4	52	128	0.9850	17.8	20	
Surr: p-Terphenyl	0.062		0.08000		77.8	36	126		0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

CLIENT: The Source Group Inc.
Work Order: 112654
Project: ABI, 01-ABI-001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_GP LL

Sample ID: **M100713LCS2** SampType: **LCS** TestCode: **8015_W_GP** Units: **mg/L** Prep Date: RunNo: **123070**
Client ID: **LCSW** Batch ID: **M10VW066** TestNo: **EPA 8015B(M** Analysis Date: **7/13/2010** SeqNo: **1972506**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.793	0.050	1.000	0	79.3	70	130				
Surr: Bromofluorobenzene (FID)	108.441		100.0		108	70	130				

Sample ID: **M100713MB1MS** SampType: **MS** TestCode: **8015_W_GP** Units: **mg/L** Prep Date: RunNo: **123070**
Client ID: **ZZZZZZ** Batch ID: **M10VW066** TestNo: **EPA 8015B(M** Analysis Date: **7/13/2010** SeqNo: **1972508**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.957	0.050	1.000	0	95.7	70	130				
Surr: Bromofluorobenzene (FID)	108.532		100.0		109	70	130				

Sample ID: **M100713MB1MSD** SampType: **MSD** TestCode: **8015_W_GP** Units: **mg/L** Prep Date: RunNo: **123070**
Client ID: **ZZZZZZ** Batch ID: **M10VW066** TestNo: **EPA 8015B(M** Analysis Date: **7/13/2010** SeqNo: **1972509**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	1.022	0.050	1.000	0	102	70	130	0.9570	6.57	20	
Surr: Bromofluorobenzene (FID)	108.094		100.0		108	70	130		0	0	

Sample ID: **M100713MB1** SampType: **MBLK** TestCode: **8015_W_GP** Units: **mg/L** Prep Date: RunNo: **123070**
Client ID: **PBW** Batch ID: **M10VW066** TestNo: **EPA 8015B(M** Analysis Date: **7/13/2010** SeqNo: **1972510**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	0.050									
Surr: Bromofluorobenzene (FID)	104.368		100.0		104	70	130				

Qualifiers:

B Analyte detected in the associated Method Blank
ND Not Detected at the Reporting Limit
DO Surrogate Diluted Out
E Value above quantitation range
R RPD outside accepted recovery limits
Calculations are based on raw values
H Holding times for preparation or analysis exceeded
S Spike/Surrogate outside of limits due to matrix interference

CLIENT: The Source Group Inc.
Work Order: 112654
Project: ABI, 01-ABI-001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_GP LL

Sample ID: **M100715LCS2**	SampType: **LCS**	TestCode: **8015_W_GP**	Units: **mg/L**	Prep Date:	RunNo: **123177**
Client ID: **LCSW**	Batch ID: **M10VW068**	TestNo: **EPA 8015B(M**		Analysis Date: **7/15/2010**	SeqNo: **1974329**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.883	0.050	1.000	0	88.3	70	130				
Surr: Bromofluorobenzene (FID)	105.907		100.0		106	70	130				

Sample ID: **M100715MB1MS**	SampType: **MS**	TestCode: **8015_W_GP**	Units: **mg/L**	Prep Date:	RunNo: **123177**
Client ID: **ZZZZZZ**	Batch ID: **M10VW068**	TestNo: **EPA 8015B(M**		Analysis Date: **7/15/2010**	SeqNo: **1974330**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.865	0.050	1.000	0	86.5	70	130				
Surr: Bromofluorobenzene (FID)	106.560		100.0		107	70	130				

Sample ID: **M100715MB1MSD**	SampType: **MSD**	TestCode: **8015_W_GP**	Units: **mg/L**	Prep Date:	RunNo: **123177**
Client ID: **ZZZZZZ**	Batch ID: **M10VW068**	TestNo: **EPA 8015B(M**		Analysis Date: **7/15/2010**	SeqNo: **1974331**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.876	0.050	1.000	0	87.6	70	130	0.8650	1.26	20	
Surr: Bromofluorobenzene (FID)	103.591		100.0		104	70	130		0	0	

Sample ID: **M100715MB1**	SampType: **MBLK**	TestCode: **8015_W_GP**	Units: **mg/L**	Prep Date:	RunNo: **123177**
Client ID: **PBW**	Batch ID: **M10VW068**	TestNo: **EPA 8015B(M**		Analysis Date: **7/15/2010**	SeqNo: **1974332**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	0.050									
Surr: Bromofluorobenzene (FID)	102.748		100.0		103	70	130				

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

CLIENT: The Source Group Inc.
Work Order: 112654
Project: ABI, 01-ABI-001

ANALYTICAL QC SUMMARY REPORT

TestCode: 8015_W_GP LL

Sample ID: **M100716LCS2**	SampType: **LCS**	TestCode: **8015_W_GP**	Units: **mg/L**	Prep Date:	RunNo: **123248**
Client ID: **LCSW**	Batch ID: **M10VW069**	TestNo: **EPA 8015B(M**		Analysis Date: **7/16/2010**	SeqNo: **1975777**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.711	0.050	1.000	0	71.1	70	130				
Surr: Bromofluorobenzene (FID)	105.796		100.0		106	70	130				

Sample ID: **M100716MB1**	SampType: **MBLK**	TestCode: **8015_W_GP**	Units: **mg/L**	Prep Date:	RunNo: **123248**
Client ID: **PBW**	Batch ID: **M10VW069**	TestNo: **EPA 8015B(M**		Analysis Date: **7/16/2010**	SeqNo: **1975778**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	0.050									
Surr: Bromofluorobenzene (FID)	101.325		100.0		101	70	130				

Sample ID: **M100716MB1MS**	SampType: **MS**	TestCode: **8015_W_GP**	Units: **mg/L**	Prep Date:	RunNo: **123248**
Client ID: **ZZZZZZ**	Batch ID: **M10VW069**	TestNo: **EPA 8015B(M**		Analysis Date: **7/16/2010**	SeqNo: **1975789**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.806	0.050	1.000	0	80.6	70	130				
Surr: Bromofluorobenzene (FID)	104.642		100.0		105	70	130				

Sample ID: **M100716MB1MSD**	SampType: **MSD**	TestCode: **8015_W_GP**	Units: **mg/L**	Prep Date:	RunNo: **123248**
Client ID: **ZZZZZZ**	Batch ID: **M10VW069**	TestNo: **EPA 8015B(M**		Analysis Date: **7/16/2010**	SeqNo: **1975790**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.885	0.050	1.000	0	88.5	70	130	0.8060	9.34	20	
Surr: Bromofluorobenzene (FID)	104.076		100.0		104	70	130		0	0	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

CLIENT: The Source Group Inc.
Work Order: 112654
Project: ABI, 01-ABI-001

ANALYTICAL QC SUMMARY REPORT

TestCode: RSK175_ATL

Sample ID: **MB-Z10A030**	SampType: **MBLK**	TestCode: **RSK175_ATL**	Units: **ug/L**	Prep Date:	RunNo: **123367**
Client ID: **PBW**	Batch ID: **Z10A030**	TestNo: **RSK175**		Analysis Date: **7/19/2010**	SeqNo: **1978064**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethane	ND	2.0									
Ethylene	ND	3.0									
Methane	0.604	1.0									

Sample ID: **LCS-Z10A030**	SampType: **LCS**	TestCode: **RSK175_ATL**	Units: **ug/L**	Prep Date:	RunNo: **123367**
Client ID: **LCSW**	Batch ID: **Z10A030**	TestNo: **RSK175**		Analysis Date: **7/19/2010**	SeqNo: **1978065**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethane	154.360	2.0	171.0	0	90.3	70	130				
Ethylene	200.740	3.0	212.0	0	94.7	70	130				
Methane	91.420	1.0	98.00	0.6040	92.7	70	130				

Sample ID: **LCSD-Z10A029**	SampType: **LCSD**	TestCode: **RSK175_ATL**	Units: **ug/L**	Prep Date:	RunNo: **123367**
Client ID: **LCSS02**	Batch ID: **Z10A030**	TestNo: **RSK175**		Analysis Date: **7/19/2010**	SeqNo: **1978066**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethane	157.210	2.0	171.0	0	91.9	70	130	154.4	1.83	20	
Ethylene	182.850	3.0	212.0	0	86.2	70	130	200.7	9.33	20	
Methane	92.720	1.0	98.00	0.6040	94.0	70	130	91.42	1.41	20	

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike/Surrogate outside of limits due to matrix interference
DO	Surrogate Diluted Out		Calculations are based on raw values		

CHAIN OF CUSTODY RECORD

Pg 1 of 2

ADVANCED TECHNOLOGY LABORATORIES
3275 Walnut Ave., Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

P.O.#: _____ Quote #: _____

Logged By: _____ Date: 7/12/10

NOTE: Please include your Quote No. to ensure proper pricing of your project.

FOR LABORATORY USE ONLY:

Method of Transport: ☐ Client ☐ ATL ☐ FedEx ☑ OnTrac ☐ GSO ☐ Other: _____

5.6 5.2 Sample Condition Upon Receipt

1. CHILLED	Y☑ N☐	4. SEALED	Y☐ N☑
2. HEADSPACE (VOA)	Y☐ N☐	5. # OF SPLS MATCH COC	Y☑ N☐
3. CONTAINER INTACT	Y☑ N☐	6. PRESERVED	Y☑ N☑

Client: Source Group Inc
Address: 3451-C Vincent Rd
TEL: 925-944-2856
Attn: Kent Reynolds
City Pleasant Hill State CA Zip Code 94523
FAX: 925-944-2859

Project Name: ABI Project #: 01-ABI-001 Sampler: (Printed Name) Harlow Newton (Signature)

Relinquished by: (Signature and Printed Name) Harlow Newton Date: 7-9-10 Time: 1430 Received by: (Signature and Printed Name) Marg Date: 7/10/10 Time: 11:38

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Print Name Date
Signature

Send Report To:
Attn: Kent Reynolds
Co: Source Group Inc
Addr: 3451-C Vincent Rd
City: Pleasant Hill State: CA Zip: 94523

Bill To:
Attn:
Co: Same ←
Addr:
City: State: Zip:

Special Instructions/Comments:
- 0.5 ppb reporting limits
- include edf, EDD reports
ID: T0600100065

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / [illegible]	8015B (DRO)	TITLE 22 / CAM 17 (6010 / 7000)	SILICA GEL CLEANUP	TOC	TSK-175 methane, ethane, ethene	SEDIMENT	SOLID	SOIL	DRINKING WATER	GROUND WATER	WASTEWATER	STORMWATER	AQUEOUS	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	112054-01	mw-6	7/8	1300	X				X	X		X							X					E	7	V	H	
	-02	mw-4		1350	X				X	X		X													7			
	-03	mw-3		1435	X				X	X		X	X	X											13			
	-04	mw-8		1525	X				X	X		X	X	X											13			
	-05	mw-98		1530	X				X	X		X													7			
	-06	mw-5	7/9	0830	X				X	X		X													7			
	-07	mw-2R		0905	X				X	X		X													7			
	-08	mw-9		0940	X				X	X		X													7			
	-09	mw-1		1025	X				X	X		X													7			
	-10	mw-7		1110	X				X	X		X													7			

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

PRESERVATION

QA/QC
RTNE ☐
CT ☐
Legal ☐
SWRCB ☐ Logcode ____
OTHER ____

REMARKS

• **TAT starts 8 a.m. following day if samples received after 5 p.m.**

TAT: ☐A= Overnight ≤ 24 hrs ☐B= Emergency Next workday ☐C= Critical 2 Workdays ☐D= Urgent 3 Workdays ☐E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

Rev. 2010-0325

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

CHAIN OF CUSTODY RECORD

ADVANCED TECHNOLOGY LABORATORIES
3275 Walnut Ave., Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

P.O.#: _____ Quote #: _____

Logged By: _____ Date: _____

NOTE: Please include your Quote No. to ensure proper pricing of your project.

FOR LABORATORY USE ONLY:

Method of Transport
☐ Client ☐ ATL
☐ FedEx ☐ OnTrac
☐ GSO
☐ Other: _____

Sample Condition Upon Receipt
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: Source Group Inc
Attn: Kent Reynolds
Address: 3451-C Vincent Rd
City Pleasant Hill State CA Zip Code 94523
TEL: 925-944-2856
FAX: 925-944-2859

Project Name: ABI Project #: 01-ABI-001 Sampler: (Printed Name) Harlow Newton (Signature)

Relinquished by: (Signature and Printed Name) Harlow Newton	Date: 7-9-10	Time: 1430	Received by: (Signature and Printed Name) Margi	Date: 7/10/10	Time: 11:38
Relinquished by: (Signature and Printed Name)	Date :	Time:	Received by: (Signature and Printed Name)	Date:	Time:
Relinquished by: (Signature and Printed Name)	Date :	Time:	Received by: (Signature and Printed Name)	Date:	Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Print Name Date
Signature

Send Report To:
Attn: Kent Reynolds
Co: Source Group Inc
Addr: 3451-C Vincent Rd
City: Pleasant Hill State: CA Zip: 94523

Bill To:
Attn:
Co: Same
Addr: ←
City: State: Zip:

Special Instructions/Comments:
- 0.5ppb reporting limits
- include EDF, EDD reports
ID: T0600100085

Sample/Records - Archival & Disposal
Unless otherwise requested by client, all samples will be disposed 45 days after receipt and records will be disposed 1 year after submittal of final report.

Storage Fees (applies when storage is requested):
- Sample : $2.00 / sample / mo (after 45 days)
- Records : $1.00 / ATL workorder / mo (after 1 year)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE MATRIX

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D. / Location	Date	Time	8081A (Pesticides)	8082 (PCB)	8260B (Volatiles)	8270C (BNA)	6010B (Total Metal)	8015B (GRO) / 8021 (BTEX)	8015B (DRO)	TITLE 22 / CAM 17 (6010 / 7000)	SEDIMENT	SOLID	SOIL	DRINKING WATER	GROUND WATER	WASTEWATER	STORMWATER	AQUEOUS	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	112054 - 11	Trip blank	7/9	1130		X															E	1	V 6 H		
	1 - 12	equipment blank	↓	1145		X															↓	3	V 6 H		

QA/QC
RTNE ☐
CT ☐
Legal ☐
SWRCB ☐
Logcode ____
OTHER ____

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: ☐A= Overnight ≤ 24 hrs ☐B= Emergency Next workday ☐C= Critical 2 Workdays ☐D= Urgent 3 Workdays ☐E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives:
H=HCl N=HNO_3 S=H_2SO_4 C=4°C
Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

Rev. 2010-0325

DISTRIBUTION: **White** with report, **Yellow** to folder, **Pink** to submitter.

APPENDIX C

HISTORICAL GROUNDWATER DATA

Table C-1
Historical Water Level
AB&I Foundry
7825 San Leandro Street
Oakland, California

Well ID	Date	Groundwater Elevation (ft, msl)
MW-1	03/10/93	2.29
	08/20/93	2.05
	12/03/93	2.04
	03/04/94	1.29
	06/10/94	2.55
	09/09/94	2.14
	12/16/95	3.65
	07/14/06	3.43
	08/17/06	1.50
	10/24/07	4.14
	02/21/08	4.14
	06/12/08	3.68
	10/02/08	3.00
	12/12/08	3.28
	05/21/09	1.78
	12/09/09	1.57
	07/08/10	3.41
MW-2	03/10/93	3.41
	08/20/93	2.30
	12/03/93	2.39
	03/04/94	3.14
	06/10/94	2.73
	09/09/94	2.38
	03/17/95	3.79
	06/23/95	3.05
	09/06/95	2.80
	12/16/95	3.30
	01/18/96	3.56
	04/26/96	3.56
	02/03/97	2.85
	10/24/07	Removed
MW-2R	08/18/06	-2.50
	10/24/07	3.70
	02/21/08	3.70
	06/12/08	3.20
	10/02/08	3.02
	12/12/08	3.42
	05/21/09	1.73
	12/09/09	1.52
	07/08/10	3.47
MW-3	03/10/93	2.53
	08/20/93	1.55
	12/03/93	1.72
	03/04/94	2.54
	06/10/94	2.12
	09/09/94	1.74
	12/16/95	2.69
	03/17/95	3.05
	06/23/95	2.31
	09/06/95	1.85
	01/18/96	2.46
	04/26/96	2.46
	02/03/97	2.86
	07/14/06	2.77
	08/17/06	1.13

Table C-1
Historical Water Level
AB&I Foundry
7825 San Leandro Street
Oakland, California

Well ID	Date	Groundwater Elevation (ft, msl)
MW-3	10/24/07	2.71
	02/21/08	2.71
	06/12/08	2.30
	10/02/08	2.30
	12/11/08	3.07
	05/21/09	1.32
	12/09/09	1.13
	07/08/10	2.88
MW-4	03/10/93	3.45
	08/20/93	1.29
	12/03/93	1.47
	03/04/94	2.25
	06/10/94	1.78
	09/09/94	1.43
	03/17/95	2.93
	06/23/95	2.04
	09/06/95	1.60
	12/16/95	2.48
	01/18/96	2.37
	04/26/96	2.37
	02/03/97	2.69
	07/14/06	1.76
	08/18/06	NS
	10/24/07	3.77
	02/21/08	3.77
	06/12/08	3.12
	10/02/08	3.01
	12/11/08	3.51
	05/21/09	1.81
	12/09/09	1.77
	07/08/10	3.51
MW-5	08/17/06	1.31
	10/24/07	2.87
	02/21/08	2.87
	06/12/08	2.46
	10/02/08	2.47
	12/11/08	3.17
	05/21/09	1.40
	12/09/09	1.22
	07/08/10	3.14
MW-6	08/17/06	0.26
	10/24/07	2.14
	02/21/08	2.14
	06/12/08	1.52
	10/02/08	1.58
	12/11/08	2.27
	05/21/09	0.60
	12/09/09	0.40
	07/08/10	2.27
MW-7	08/17/06	0.60
	10/24/07	4.80
	02/21/08	4.80
	06/12/08	3.84
	10/02/08	3.52
	12/12/08	3.61
	05/21/09	2.39
	12/09/09	2.14
	07/08/10	4.11

Table C-1
Historical Water Level
AB&I Foundry
7825 San Leandro Street
Oakland, California

Well ID	Date	Groundwater Elevation (ft, msl)
MW-8	08/17/06	1.36
	10/24/07	3.28
	02/21/08	3.28
	06/12/08	2.77
	10/02/08	2.66
	12/11/08	3.27
	05/21/09	1.60
	12/09/09	1.38
	07/08/10	3.29
MW-9	08/23/06	1.86
	10/24/07	4.21
	02/21/08	4.21
	06/12/08	3.58
	10/02/08	3.39
	12/11/08	3.65
	05/21/09	2.01
	12/09/09	1.81
	07/08/10	3.73

Notes:
NS -not sampled
msl -mean sea level
ft -feet

Table C-2
Summary of Analytical Results
Petroleum Hydrocarbon Related Constituents (ug/L)
AB&I Foundry
7825 San Leandro Street
Oakland, California

Well Number	Date	Total Oil & Grease	Hydrocarbon Oil & Grease	TPH-Diesel	Naphthalene	TPH-Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	ETBE	TAME	DIPE	TBA	1,2-DCA
RWQCB ESLs[1]			**NA**	**NA**	**11,000**	**NA**	**1,800**	**530,000**	**170,000**	**160,000**	**80,000**	**NA**	**NA**	**NA**	**NA**	**690**
MCLs[2]			**NA**	**NA**	**17***	**NA**	**1.0**	**150**	**700**	**1,750**	**13**	**NA**	**NA**	**NA**	**NA**	**0.5**
MW-1	03/10/93	--	--	830	--	--	0.6	ND	ND	ND	--	--	--	--	--	--
	08/20/93	--	--	2,100	--	--	**2.2**	3.7	4.5	17	--	--	--	--	--	--
	12/03/93	--	--	3,200	--	--	ND	ND	ND	ND	--	--	--	--	--	--
	03/04/94	--	--	710	--	--	**1.1**	ND	ND	ND	--	--	--	--	--	--
	06/10/94	--	--	490	--	--	ND	ND	ND	ND	--	--	--	--	--	--
	09/09/94	--	--	ND	--	--	ND	ND	ND	ND	--	--	--	--	--	--
	12/16/94	--	--	180	--	--	0.6	ND	ND	ND	--	--	--	--	--	--
	03/17/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	06/23/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	09/06/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	01/18/96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	04/26/96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	02/03/97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	07/14/06	--	--	160	--	<50	<0.3	<0.3	<0.3	<0.3	<1.0	<1.0	<1.0	<1.0	<50	<1.0
	10/25/07	--	--	450	<1.0	<50	<5.0	<5.0	<5.0	<1.0	<0.50	<0.50	<0.50	<1.0	<5.0	<0.50
	02/22/08	--	--	560	<1.0	<50	<0.5	<0.5	<0.5	<1.0	<5.0	--	--	--	--	<0.5
	02/22/08	--	--	560	<1.0	<50	<0.5	<0.5	<0.5	<1.0	<5.0	--	--	--	--	<0.5
	06/13/08	--	--	160	<0.50	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50
	10/03/08	--	--	140	<0.50	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50
	12/12/08	--	--	100	<0.50	<50	<5.0	<5.0	<5.0	<10	--	--	--	--	--	<5.0
	05/22/09	--	--		<0.50		<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50
	12/10/09	--	--	<50	<0.50	<50	<50	<50	<50	<10	--	--	--	--	--	<0.50
	07/09/10	--	--	81	<0.50	<50	0.42 J	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50

Table C-2
Summary of Analytical Results
Petroleum Hydrocarbon Related Constituents (ug/L)
AB&I Foundry
7825 San Leandro Street
Oakland, California

Well Number	Date	Total Oil & Grease	Hydrocarbon Oil & Grease	TPH-Diesel	Naphthalene	TPH-Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	ETBE	TAME	DIPE	TBA	1,2-DCA
RWQCB ESLs[1]			**NA**	**NA**	**11,000**	**NA**	**1,800**	**530,000**	**170,000**	**160,000**	**80,000**	**NA**	**NA**	**NA**	**NA**	**690**
MCLs[2]			**NA**	**NA**	**17***	**NA**	**1.0**	**150**	**700**	**1,750**	**13**	**NA**	**NA**	**NA**	**NA**	**0.5**
MW-2	03/10/93	1.0	ND	--	--	920	ND	0.8	ND	ND	--	--	--	--	--	--
	08/20/93	ND	ND	--	--	720	**2.9**	4.2	6.3	25	--	--	--	--	--	--
	12/03/93	ND	ND	--	--	900	ND	**250**	19	5.1	--	--	--	--	--	--
	03/04/94	ND	ND	--	--	420	ND	ND	ND	3.6	--	--	--	--	--	--
	06/10/94	2,000	2,000	--	--	920	ND	ND	ND	ND	--	--	--	--	--	--
	09/09/94	2.0	2.0	--	--	830	ND	ND	ND	ND	--	--	--	--	--	--
	12/16/94	ND	ND	--	--	130	ND	0.2	ND	ND	--	--	--	--	--	--
	03/17/95	--	1.0	--	--	320	**4.9**	ND	ND	ND	--	--	--	--	--	--
	06/23/95	ND	ND	--	--	190	ND	ND	ND	ND	--	--	--	--	--	--
	09/06/95	ND	ND	--	--	110	ND	ND	ND	ND	--	--	--	--	--	--
	01/18/96	ND	ND	--	--	120	ND	ND	ND	ND	--	--	--	--	--	--
	04/26/96	ND	ND	--	--	500	ND	ND	ND	ND	--	--	--	--	--	--
	02/03/97	ND	ND	--	--	250	ND	ND	ND	1.7	--	--	--	--	--	--
	07/14/06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	06/13/08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-2R	08/18/06	--	--	260	--	510	0.62	2.6	0.53	0.85	<0.5	<0.5	<0.5	<0.5	<20	<2.5
	10/25/07	--	--	<50	<1.0	*150	<5.0	<5.0	<5.0	<1.0	<0.50	<0.50	<0.50	<1.0	<5.0	<0.50
	02/22/08	--	--	200	<1.0	*120	<0.5	<0.5	<0.5	<1.0	<5.0	--	--	--	--	<0.5
	02/22/08	--	--	200	<1.0	*120	<0.5	<0.5	<0.5	<1.0	<5.0	--	--	--	--	<0.5
	06/13/08	--	--	<50	<0.50	*98	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50
	10/03/08	--	--	<50	<0.50	*71	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50
	12/12/08	--	--	52	<0.50	*81	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50
	05/22/09	--	--	<0.050	<0.50	110	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50
	12/10/09	--	--	<50	<0.50	99	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50
	07/09/10	--	--	<50	<0.50	210	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50

Table C-2
Summary of Analytical Results
Petroleum Hydrocarbon Related Constituents (ug/L)
AB&I Foundry
7825 San Leandro Street
Oakland, California

Well Number	Date	Total Oil & Grease	Hydrocarbon Oil & Grease	TPH-Diesel	Naphthalene	TPH-Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	ETBE	TAME	DIPE	TBA	1,2-DCA
RWQCB ESLs[1]			**NA**	**NA**	**11,000**	**NA**	**1,800**	**530,000**	**170,000**	**160,000**	**80,000**	**NA**	**NA**	**NA**	**NA**	**690**
MCLs[2]			**NA**	**NA**	**17***	**NA**	**1.0**	**150**	**700**	**1,750**	**13**	**NA**	**NA**	**NA**	**NA**	**0.5**
MW-3	03/10/93	--	--	--	--	ND	ND	ND	ND	ND	--	--	--	--	--	--
	08/20/93	--	--	--	--	190	**7.2**	9.3	8.6	31	--	--	--	--	--	--
	12/03/93	--	--	--	--	ND	ND	ND	ND	ND	--	--	--	--	--	--
	03/04/94	--	--	--	--	ND	ND	ND	ND	ND	--	--	--	--	--	--
	06/10/94	--	--	--	--	ND	ND	ND	ND	ND	--	--	--	--	--	--
	09/09/94	--	--	--	--	ND	ND	ND	ND	ND	--	--	--	--	--	--
	12/16/94	--	--	--	--	ND	ND	ND	ND	ND	--	--	--	--	--	--
	03/17/95	--	--	--	--	ND	ND	ND	ND	ND	--	--	--	--	--	--
	06/23/95	--	--	--	--	ND	ND	ND	ND	ND	--	--	--	--	--	--
	09/06/95	--	--	--	--	ND	ND	ND	ND	ND	--	--	--	--	--	--
	01/18/96	--	--	--	--	ND	ND	ND	ND	ND	--	--	--	--	--	--
	04/26/96	--	--	--	--	ND	ND	ND	ND	ND	--	--	--	--	--	--
	02/03/97	--	--	--	--	--	ND	ND	ND	ND	--	--	--	--	--	--
	07/14/06	--	--	<50	<5.0	93	**1.2**	<0.3	<0.3	<0.3	<1.0	<1.0	<1.0	<1.0	<50	<1.0
	10/24/07	--	--	<50	<1.0	*540	<5.0	<5.0	<5.0	<1.0	<5.0	<0.50	<0.50	<1.0	<5.0	<5.0
	02/21/08	--	--	110	<20	*660	<5.0	<5.0	<5.0	<1.0	<50	--	--	--	--	<10
	02/21/08	--	--	110	<20	*660	<5.0	<5.0	<5.0	<1.0	<50	--	--	--	--	<10
	06/13/08	--	--	<50	<0.50	*510	0.65	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50
	10/02/08	--	--	<50	<0.50	*500	<2.5	<2.5	<2.5	<5	--	--	--	--	--	<2.5
	12/11/08	--	--	<50	<2.5	*410	<2.5	<2.5	<2.5	9.5	--	--	--	--	--	<2.5
	05/21/09	--	--	<0.050	<2.5	0.55	<2.5	1.8	<2.5	<5.0	--	--	--	--	--	<2.5
	EAnB Injections															
	07/01/09	--	--		<2.5		<2.5	8.4	<2.5	<5.0	--	--	--	--	--	<2.5
	08/07/09	--	--		<0.50		0.67	7.1	<0.50	<1.0	--	--	--	--	--	<0.50
	09/10/09	--	--	--	<0.50	--	0.72	9.8	<0.50	<1.0	--	--	--	--	--	<0.50
	12/09/09	--	--	<0.50	<0.50	51	0.51	2.6	<0.50	<1.0	--	--	--	--	--	<0.50
	04/09/10	--	--	--	<0.50	--	0.41 J	1.4	<0.50	<1.0	--	--	--	--	--	<0.50
	07/08/10	--	--	<50	<0.50	<50	0.36 J	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50

Table C-2
Summary of Analytical Results
Petroleum Hydrocarbon Related Constituents (ug/L)
AB&I Foundry
7825 San Leandro Street
Oakland, California

Well Number	Date	Total Oil & Grease	Hydrocarbon Oil & Grease	TPH-Diesel	Naphthalene	TPH-Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	ETBE	TAME	DIPE	TBA	1,2-DCA
RWQCB ESLs[1]			**NA**	**NA**	**11,000**	**NA**	**1,800**	**530,000**	**170,000**	**160,000**	**80,000**	**NA**	**NA**	**NA**	**NA**	**690**
MCLs[2]			**NA**	**NA**	**17***	**NA**	**1.0**	**150**	**700**	**1,750**	**13**	**NA**	**NA**	**NA**	**NA**	**0.5**
MW-4	03/10/93	--	--	--	--	1,800	**1.0**	2.0	7.6	19	--	--	--	--	--	--
	08/20/93	--	--	--	--	350	**5.6**	4.9	7.5	22	--	--	--	--	--	--
	12/03/93	--	--	--	--	1,100	ND	ND	1.4	2.8	--	--	--	--	--	--
	03/04/94	--	--	--	--	50	ND	0.9	ND	1.1	--	--	--	--	--	--
	06/10/94	--	--	--	--	460	**4.3**	ND	1.8	4.3	--	--	--	--	--	--
	09/09/94	--	--	--	--	150	0.4	ND	0.7	1.3	--	--	--	--	--	--
	12/16/94	--	--	--	--	100	0.4	0.4	ND	1.2	--	--	--	--	--	--
	03/17/95	--	--	--	--	62	ND	ND	ND	ND	--	--	--	--	--	--
	06/23/95	--	--	--	--	180	ND	ND	0.9	1.7	--	--	--	--	--	--
	09/06/95	--	--	--	--	420	**9.4**	1.4	6.3	6.2	--	--	--	--	--	--
	01/18/96	--	--	--	--	90	0.8	ND	1.2	0.9	--	--	--	--	--	--
	04/26/96	--	--	--	--	ND	ND	ND	ND	ND	--	--	--	--	--	--
	02/03/97	--	--	--	--	110	ND	ND	0.53	ND	--	--	--	--	--	--
	07/14/06	--	--	82	9.9	1,200	**11**	2.8	18	9.3	<1.0	<1.0	<1.0	<1.0	<50	<1.0
	10/24/07	--	--	<50	<1.0	<50	<5.0	<5.0	<5.0	<1.0	<0.50	<0.50	<0.50	<1.0	<5.0	<0.50
	02/21/08	--	--	95	<1.0	<50	<0.5	<0.5	<0.5	<1.0	<5.0	--	--	--	--	<0.5
	02/21/08	--	--	95	<1.0	<50	<0.5	<0.5	<0.5	<1.0	<5.0	--	--	--	--	<0.5
	06/13/08	--	--	<50	<0.50	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50
	10/02/08	--	--	<50	<0.50	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50
	12/11/08	--	--	<50	<0.50	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50
	05/21/09	--	--	<0.050	<0.50	<0.050	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50
	12/09/09	--	--	<0.50	<0.50	70	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50
	07/08/10	--	--	<50	<0.50	110	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50
MW-5	08/17/06	--	--	80	<1.0	<50	0.56	0.7	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<20	<2.5
	10/25/07	--	--	<50	<1.0	<50	<5.0	<5.0	<5.0	<1.0	<0.50	<0.50	<0.50	<1.0	<5.0	<0.50
	02/22/08	--	--	130	<1.0	<50	<0.5	<0.5	<0.5	<1.0	<5.0	--	--	--	--	<0.5
	02/22/08	--	--	130	<1.0	<50	<0.5	<0.5	<0.5	<1.0	<5.0	--	--	--	--	<0.5
	06/13/08	--	--	<50	<0.50	<50	0.65	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50
	10/02/08	--	--	<50	<0.50	*54	<0.5	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50
	12/11/08	--	--	51	<0.50	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50
	05/21/09	--	--	<0.050	<0.50	<0.050	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50
	12/10/09	--	--	<50	<0.50	53	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50
	07/09/10	--	--	<50	<0.50	120	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50

Table C-2
Summary of Analytical Results
Petroleum Hydrocarbon Related Constituents (ug/L)
AB&I Foundry
7825 San Leandro Street
Oakland, California

Well Number	Date	Total Oil & Grease	Hydrocarbon Oil & Grease	TPH-Diesel	Naphthalene	TPH-Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	ETBE	TAME	DIPE	TBA	1,2-DCA
RWQCB ESLs[1]			**NA**	**NA**	**11,000**	**NA**	**1,800**	**530,000**	**170,000**	**160,000**	**80,000**	**NA**	**NA**	**NA**	**NA**	**690**
MCLs[2]			**NA**	**NA**	**17***	**NA**	**1.0**	**150**	**700**	**1,750**	**13**	**NA**	**NA**	**NA**	**NA**	**0.5**
MW-6	08/17/06	--	--	110	<1.0	<50	<0.3	<0.3	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<20	<2.5
	10/24/07	--	--	110	<1.0	<50	<5.0	<5.0	<5.0	<1.0	<0.50	<0.50	<0.50	<1.0	<5.0	<0.50
	02/21/08	--	--	150	<1.0	<50	<0.5	<0.5	<0.5	1.5	<5.0	--	--	--	--	<0.5
	02/21/08	--	--	150	<1.0	<50	<0.5	<0.5	<0.5	1.5	<5.0	--	--	--	--	<0.5
	06/13/08	--	--	54	<0.50	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50
	10/02/08	--	--	56	<0.50	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50
	12/11/08	--	--	<50	<5.0	<50	<5.0	<5.0	<5.0	<10	--	--	--	--	--	<5.0
	05/21/09	--	--	<0.050	<0.50	<0.050	<0.50	<0.50	<0.50	<10	--	--	--	--	--	<0.50
	12/09/09	--	--	<50	<0.50	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50
	07/08/10	--	--	67	<0.50	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50
MW-7	08/17/06	--	--	520	<1.0	<50	<0.3	0.35	<0.3	<0.3	<0.5	<0.5	<0.5	<0.5	<20	<2.5
	10/25/07	--	--	370	<1.0	<50	<5.0	<5.0	<5.0	<1.0	<0.50	<0.50	<0.50	<1.0	<5.0	<0.50
	02/21/08	--	--	180	<1.0	<50	<0.5	<0.5	<0.5	<1.0	<5.0	--	--	--	--	<0.5
	02/21/08	--	--	180	<1.0	<50	<0.5	<0.5	<0.5	<1.0	<5.0	--	--	--	--	<0.5
	06/13/08	--	--	59	<0.50	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50
	10/02/08	--	--	120	<0.50	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50
	12/12/08	--	--	78	<5.0	<50	<5.0	<5.0	<5.0	<10	--	--	--	--	--	<5.0
	05/22/09	--	--	<0.050	<0.50	<0.050	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50
	12/10/09	--	--	<50	<0.50	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50
	07/09/10	--	--	<50	<0.50	<50	<0.50	<0.50	<0.50	<1.0	--	--	--	--	--	<0.50

Table C-2
Summary of Analytical Results
Petroleum Hydrocarbon Related Constituents (ug/L)
AB&I Foundry
7825 San Leandro Street
Oakland, California

Well Number	Date	Total Oil & Grease	Hydrocarbon Oil & Grease	TPH-Diesel	Naphthalene	TPH-Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	ETBE	TAME	DIPE	TBA	1,2-DCA
RWQCB ESLs[1]			**NA**	**NA**	**11,000**	**NA**	**1,800**	**530,000**	**170,000**	**160,000**	**80,000**	**NA**	**NA**	**NA**	**NA**	**690**
MCLs[2]			**NA**	**NA**	**17***	**NA**	**1.0**	**150**	**700**	**1,750**	**13**	**NA**	**NA**	**NA**	**NA**	**0.5**
MW-8	08/17/06	--	--	78	<5.0	640	**1.9**	<0.3	<0.3	<0.3	<2.5	<2.5	<2.5	<2.5	<100	<2.5
	10/25/07	--	--	<50	<1.0	*1200	<5.0	<5.0	<5.0	<1.0	<0.50	<0.50	<0.50	<1.0	<5.0	<25
	02/21/08	--	--	140	<50	*2500	<25	<25	<25	<50	<250	--	--	--	--	<25
	02/21/08	--	--	140	<50	*2500	<25	<25	<25	<25	<250	--	--	--	--	<25
	06/13/08	--	--	<50	<10	*2100	<10	<10	<10	<20	--	--	--	--	--	<10
	10/02/08	--	--	<50	<5.0	*2100	**2.8**	<5.0	<5.0	<10	--	--	--	--	--	<5.0
	12/11/08	--	--	<50	<5.0	*1900	**3.0**	<5.0	<5.0	<10	--	--	--	--	--	<5.0
	05/21/09	--	--	<0.050	<5.0	2.1	**2.9**	<5.0	<5.0	<10	--	--	--	--	--	<5.0
Dup	05/21/09	--	--	<0.050	<5.0	2.1	**2.8**	<5.0	<5.0	<10	--	--	--	--	--	<5.0
	EAnB Injections															
	07/01/09	--	--		<2.5		**2.6**	<2.5	<2.5	<5.0	--	--	--	--	--	<2.5
	08/07/09	--	--		<5.0		**3.2**	<5.0	<5.0	<10	--	--	--	--	--	<5.0
	09/10/09	--	--	--	<2.5	--	**3.4**	<2.5	<2.5	<5.0	--	--	--	--	--	<2.5
	12/09/09	--	--	<50	<2.5	180	**3.0**	<2.5	<2.5	<5.0	--	--	--	--	--	**1.8**
Dup	12/09/09	--	--	<50	<5.0	190	**2.8**	<5.0	<5.0	<10	--	--	--	--	--	<5.0
	04/09/10	--	--	--	<2.5	--	**2.4 J**	<2.5	<2.5	<5.0	--	--	--	--	--	**1.0 J**
	07/08/10	--	--	110	<2.5	140	**2.4 J**	<2.5	<2.5	<5.0	--	--	--	--	--	<2.5
Dup	07/08/10	--	--	74	<2.5	140	**2.2 J**	<2.5	<2.5	<5.0	--	--	--	--	--	<2.5
MW-9	08/17/06	--	--	440	<40	7,400	**250**	11	51	14	<50	<50	<50	<50	<500	<40
	10/25/07	--	--	120	<1	1,300	**89**	2.0	6.0	<1	<0.50	<0.50	<0.50	<1.0	15.0	<1.0
	02/21/08	--	--	190	<4.0	2,600	**170**	2.8	9.1	<4.0	<20	--	--	--	--	<2.0
	06/13/08	--	--	180	2.1	2,900	**180**	3.0	7.6	2.1	--	--	--	--	--	<0.50
	10/03/08	--	--	200	1.8	3,100	**170**	2.8	5.9	1.9	--	--	--	--	--	<0.50
	12/11/08	--	--	86	1.3	2,300	**120**	2.1	2.7	1.4	--	--	--	--	--	<0.50
	05/22/09	--	--	250	2.2	3,500	**180**	2.9	3.9	1.7	--	--	--	--	--	<0.50
	EAB Injections															
	07/01/09	--	--	470	3.3	3,400	**53**	2.0	9.5	0.28	--	--	--	--	--	<0.50
	08/07/09	--	--	340	0.82	2,400	**9.1**	0.5	2.2	1.5	--	--	--	--	--	<0.50
	09/10/09	--	--	460	0.87	3,100	**5.7**	0.36	1.4	1.7	--	--	--	--	--	<0.50
	12/09/09	--	--	150	1.3	2,700	**36**	0.87	2.7	1.1	--	--	--	--	--	<0.50
	04/09/10	--	--	320	1.2	3,300	**66**	1.3	4.6	1.1	--	--	--	--	--	<0.50
	07/09/10	--	--	250	0.77	2,700	**100**	2.30	9.2	1.6	--	--	--	--	--	<0.50

Table C-2
Summary of Analytical Results
Petroleum Hydrocarbon Related Constituents (ug/L)
AB&I Foundry
7825 San Leandro Street
Oakland, California

Well Number	Date	Total Oil & Grease	Hydrocarbon Oil & Grease	TPH-Diesel	Naphthalene	TPH-Gasoline	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	ETBE	TAME	DIPE	TBA	1,2-DCA
RWQCB ESLs[1]			**NA**	**NA**	**11,000**	**NA**	**1,800**	**530,000**	**170,000**	**160,000**	**80,000**	**NA**	**NA**	**NA**	**NA**	**690**
MCLs[2]			**NA**	**NA**	**17***	**NA**	**1.0**	**150**	**700**	**1,750**	**13**	**NA**	**NA**	**NA**	**NA**	**0.5**

Notes:
Value in bold exceed the MCL
Shaded values exceed the ESL for vapor intrusion
* California Department of Health Drinking Water Program, Drinking Water Notification Level, December 14, 2007
-Historical data for samping events conducted prior to October 2007 obtained from Table 2, Preliminary Groundater Investigation Report, AB&I Foundry, BSK Associates, Inc., dated June 11, 2007.

MCL	=	California EPA Department of Health Service Maximum concentration levels for drinking water
RWQCB ESLs (VI)	=	Regional Water Quality Control Board Environmental Screening Levels based on vapor intrusion concerns for commercial land use scenario.
ug/L	=	All concentrations reported in micrograms per liter (ug/L).
TPH	=	Total Petroleum Hydrocarbons
MTBE	=	methyl tert butyl ether
ETBE	=	ethyl tert butyl ether
TAME	=	tert-amyl methyl ether
DIPE	=	diisopropyl ether
TBA	=	tributyl alcohol
DCA	=	dichloroethane
ND	=	Not detected at or above laboratory reporting limit.
<50	=	Not detected at or above laboratory reporting limit of 50 ug/L.
NS	=	Not sampled.
--	=	Not analyzed.
*500	=	Reported due to the presence of discrete peaks
J	=	analyte detected below quantitation limits

Table C-3
Summary of Analytical Results
Volatile Organic Compounds and PAHs (ug/L)
AB&I Foundry
7825 San Leandro Street
Oakland, California

Well Number	Date	Bromoform	Chlorodibromomethane	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1 Trichloroethane	Vinyl Chloride	Isopropylbenzene	n-Propylbenzene	Polycyclic Aromatic Hydrocarbons EPA 8270C
RWQCB ESLs[1]		**NA**	**NA**	**2,700**	**3,400**	**1,800**	**17,000**	**19,000**	**360,000**	**13**	**NE**	**NE**	
MCLs[2]		**NA**	**NA**	**NE**	**5.0**	**6.0**	**6.0**	**10**	**200**	**0.5**	**770***	**260***	
MW-1	03/10/93	--	--	--	--	--	--	--	--	--	--	--	--
	08/20/93	--	--	--	--	--	--	--	--	--	--	--	--
	12/03/93	--	--	--	--	--	--	--	--	--	--	--	--
	03/04/94	--	--	--	--	--	--	--	--	--	--	--	--
	06/10/94	--	--	--	--	--	--	--	--	--	--	--	--
	09/09/94	--	--	--	--	--	--	--	--	--	--	--	--
	12/16/94	--	--	--	--	--	--	--	--	--	--	--	--
	03/17/95	--	--	--	--	--	--	--	--	--	--	--	--
	06/23/95	--	--	--	--	--	--	--	--	--	--	--	--
	09/06/95	--	--	--	--	--	--	--	--	--	--	--	--
	01/18/96	--	--	--	--	--	--	--	--	--	--	--	--
	04/26/96	--	--	--	--	--	--	--	--	--	--	--	--
	02/03/97	--	--	--	--	--	--	--	--	--	--	--	--
	07/14/06	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	--
	08/17/06	--	--	--	--	--	--	--	--	--	--	--	ND
	10/25/07	<1.0	<0.50	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
	02/22/08	<1.0	<0.50	<1.0	0.56	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
	06/13/08	<0.50	<0.50	<0.50	0.4	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
	10/03/08	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
	12/12/08	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	--
	05/22/09	<0.50	--	<0.50	0.41	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
	12/10/09	<0.50	--	<0.50	0.41	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
	07/09/10	<0.50	--	<0.50	0.43 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--

Table C-3
Summary of Analytical Results
Volatile Organic Compounds and PAHs (ug/L)
AB&I Foundry
7825 San Leandro Street
Oakland, California

Well Number	Date	Bromoform	Chlorodibromomethane	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1 Trichloroethane	Vinyl Chloride	Isopropylbenzene	n-Propylbenzene	Polycyclic Aromatic Hydrocarbons EPA 8270C
RWQCB ESLs[1]		**NA**	**NA**	**2,700**	**3,400**	**1,800**	**17,000**	**19,000**	**360,000**	**13**	**NE**	**NE**	
MCLs[2]		**NA**	**NA**	**NE**	**5.0**	**6.0**	**6.0**	**10**	**200**	**0.5**	**770***	**260***	
MW-2	03/10/93	0.6	ND	5.0	1.7	ND	ND	ND	6.7	**6.7**	6.7	6.7	--
	08/20/93	ND	ND	4.7	ND	ND	ND	ND	ND	ND	ND	ND	--
	12/03/93	ND	ND	3.8	ND	ND	ND	ND	ND	ND	ND	ND	--
	03/04/94	ND	ND	3.7	ND	ND	ND	ND	ND	ND	ND	3.6	--
	06/10/94	ND	ND	4.2	0.6	ND	ND	ND	0.8	**0.8**	0.8	0.8	--
	09/09/94	ND	ND	1.4	0.8	ND	ND	ND	ND	ND	ND	ND	--
	12/16/94	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--
	03/17/95	ND	ND	2.4	ND	ND	ND	ND	ND	ND	ND	ND	--
	06/23/95	ND	ND	0.9	ND	ND	ND	ND	ND	ND	ND	ND	--
	09/06/95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--
	01/18/96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--
	04/26/96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--
	02/03/97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--
	07/14/06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	--
	Well Abandoned												
MW-2R	08/18/06	<2.5	<2.5	390	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	ND
	10/25/07	<1.0	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	--
	02/22/08	<1	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	--
	06/13/08	<0.50	<0.50	<0.50	<0.50	0.68	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
	10/03/08	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
	12/12/08	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
	05/22/09	<0.50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
	12/10/09	<0.50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
	07/09/10	<0.50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--

Table C-3
Summary of Analytical Results
Volatile Organic Compounds and PAHs (ug/L)
AB&I Foundry
7825 San Leandro Street
Oakland, California

Well Number	Date	Bromoform	Chlorodibromomethane	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1 Trichloroethane	Vinyl Chloride	Isopropylbenzene	n-Propylbenzene	Polycyclic Aromatic Hydrocarbons EPA 8270C
RWQCB ESLs[1]		**NA**	**NA**	**2,700**	**3,400**	**1,800**	**17,000**	**19,000**	**360,000**	**13**	**NE**	**NE**	
MCLs[2]		**NA**	**NA**	**NE**	**5.0**	**6.0**	**6.0**	**10**	**200**	**0.5**	**770***	**260***	
MW-3	03/10/93	--	--	--	--	--	--	--	--	--	--	--	--
	08/20/93	--	--	--	--	--	--	--	--	--	--	--	--
	12/03/93	--	--	--	--	--	--	--	--	--	--	--	--
	03/04/94	--	--	--	--	--	--	--	--	--	--	--	--
	06/10/94	--	--	--	--	--	--	--	--	--	--	--	--
	09/09/94	--	--	--	--	--	--	--	--	--	--	--	--
	12/16/94	--	--	--	--	--	--	--	--	--	--	--	--
	03/17/95	--	--	--	--	--	--	--	--	--	--	--	--
	06/23/95	--	--	--	--	--	--	--	--	--	--	--	--
	09/06/95	--	--	--	--	--	--	--	--	--	--	--	--
	01/18/96	--	--	--	--	--	--	--	--	--	--	--	--
	04/26/96	--	--	--	--	--	--	--	--	--	--	--	--
	02/03/97	--	--	--	--	--	--	--	--	--	--	--	--
	07/14/06	<20	<20	<20	**200**	**960**	<20	<20	<20	<20	<20	<20	ND
	10/24/07	<10	<5.0	<10	**180**	**680**	5.0	<5	13.0	**7.5**	<5.0	<10	--
	02/21/08	<10	<5	<10	**220**	**920**	**9.3**	<5	<5	**10.0**	<5	<10	--
	06/12/08	<0.50	<0.50	<0.50	**170**	**910**	**7.9**	0.5	<0.50	**13.0**	<0.50	<0.50	--
	10/02/08	<2.5	<2.5	<2.5	**190**	**1,000**	**7.6**	1.5 J	<2.5	**9.6**	<2.5	<2.5	--
	12/11/08	<2.5	<2.5	<2.5	**200**	**2,000**	**9.4**	<2.5	2.2	**9.5**	<2.5	<2.5	--
	05/21/09	<2.5	--	<2.5	**220**	**1,000**	**10**	1.2	<2.5	**8.4**	<2.5	<2.5	--
	EAnB Injections												
	07/01/09	<2.5	--	<2.5	**160**	**620**	**7.5**	<2.5	<2.5	**6.7**	<2.5	<2.5	--
	08/07/09	<0.50	--	61	**110**	**94**	1.2	<0.50	<0.50	**29**	<0.50	<0.50	--
	09/10/09	<0.50	--	150	**5.6**	**11**	0.20	0.47	<0.50	**3.6**	<0.50	<0.50	--
	12/09/09	<0.50	--	78	**16**	**6.4**	0.25	0.37	<0.50	**17**	<0.50	<0.50	--
	04/09/10	<0.50	--	47	0.78	0.74	<0.50	0.29 J	<0.50	**1.4**	<0.50	<0.50	--
	07/08/10	<0.50	--	39	0.58	1.0	<0.50	0.27 J	<0.50	**1.1**	<0.50	<0.50	--

Table C-3
Summary of Analytical Results
Volatile Organic Compounds and PAHs (ug/L)
AB&I Foundry
7825 San Leandro Street
Oakland, California

Well Number	Date	Bromoform	Chlorodibromomethane	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1 Trichloroethane	Vinyl Chloride	Isopropylbenzene	n-Propylbenzene	Polycyclic Aromatic Hydrocarbons EPA 8270C
RWQCB ESLs[1]		**NA**	**NA**	**2,700**	**3,400**	**1,800**	**17,000**	**19,000**	**360,000**	**13**	**NE**	**NE**	
MCLs[2]		**NA**	**NA**	**NE**	**5.0**	**6.0**	**6.0**	**10**	**200**	**0.5**	**770***	**260***	
MW-4	03/10/93	--	--	--	--	--	--	--	--	--	--	--	--
	08/20/93	--	--	--	--	--	--	--	--	--	--	--	--
	12/03/93	--	--	--	--	--	--	--	--	--	--	--	--
	03/04/94	--	--	--	--	--	--	--	--	--	--	--	--
	06/10/94	--	--	--	--	--	--	--	--	--	--	--	--
	09/09/94	--	--	--	--	--	--	--	--	--	--	--	--
	12/16/94	--	--	--	--	--	--	--	--	--	--	--	--
	03/17/95	--	--	--	--	--	--	--	--	--	--	--	--
	06/23/95	--	--	--	--	--	--	--	--	--	--	--	--
	09/06/95	--	--	--	--	--	--	--	--	--	--	--	--
	01/18/96	--	--	--	--	--	--	--	--	--	--	--	--
	04/26/96	--	--	--	--	--	--	--	--	--	--	--	--
	02/03/97	--	--	--	--	--	--	--	--	--	--	--	--
	07/14/06	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5	<5.0	--
	10/24/07	<1.0	<1.0	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
	02/21/08	<1.0	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
	06/12/08	<0.50	<0.50	<0.50	<0.50	0.73	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
	10/02/08	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
	12/11/08	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
	05/21/09	<0.50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
	12/09/09	<0.50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
	07/08/10	<0.50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--

Table C-3
Summary of Analytical Results
Volatile Organic Compounds and PAHs (ug/L)
AB&I Foundry
7825 San Leandro Street
Oakland, California

Well Number	Date	Bromoform	Chlorodibromomethane	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1 Trichloroethane	Vinyl Chloride	Isopropylbenzene	n-Propylbenzene	Polycyclic Aromatic Hydrocarbons EPA 8270C
RWQCB ESLs[1]		**NA**	**NA**	**2,700**	**3,400**	**1,800**	**17,000**	**19,000**	**360,000**	**13**	**NE**	**NE**	
MCLs[2]		**NA**	**NA**	**NE**	**5.0**	**6.0**	**6.0**	**10**	**200**	**0.5**	**770***	**260***	
MW-5	08/17/06	2.2	1.0	4.8	4.8	1.2	3.1	1.0	<5.0	<5.0	<5.0	<5.0	ND
	10/25/07	<1.0	<0.5	<1.0	2	1.5	1.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
	02/22/08	<1.0	<0.5	<1.0	1.4	1	3.3	1.1	<0.5	<0.5	<0.5	<1.0	--
	06/12/08	<0.50	<0.50	<0.50	1.1	1.5	5.1	2	<0.50	<0.50	<0.50	<0.50	--
	10/02/08	<0.50	<0.50	<0.50	1.2	0.81	3.9	1.7	<0.50	<0.50	<0.50	<0.50	--
	12/11/08	<0.50	<0.50	<0.50	1.6	0.76	3.4	1.2	<0.50	<0.50	<0.50	<0.50	--
	05/21/09	<0.50	--	<0.50	0.7	0.71	3.3	1.1	<0.50	<0.50	<0.50	<0.50	--
	12/10/09	<0.50	--	<0.50	0.58	0.63	2.2	0.67	<0.50	<0.50	<0.50	<0.50	--
	07/09/10	<0.50	--	<0.50	0.40	0.38	3.4	1.0	<0.50	<0.50	<0.50	<0.50	--
MW-6	08/17/06	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
	10/24/07	<1.0	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
	02/21/08	<1.0	<0.5	<1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
	06/12/08	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
	10/02/08	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
	12/11/08	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	--
	05/21/09	<0.50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
	12/09/09	<0.50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
	07/08/10	<0.50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
MW-7	08/17/06	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
	10/25/07	<1.0	<0.5	<10	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	--
	02/21/08	<1.0	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	--
	06/13/08	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
	10/02/08	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
	12/12/08	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	--
	05/22/09	<0.50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
	12/10/09	<0.50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--
	07/09/10	<0.50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	--

Table C-3
Summary of Analytical Results
Volatile Organic Compounds and PAHs (ug/L)
AB&I Foundry
7825 San Leandro Street
Oakland, California

Well Number	Date	Bromoform	Chlorodibromomethane	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1 Trichloroethane	Vinyl Chloride	Isopropylbenzene	n-Propylbenzene	Polycyclic Aromatic Hydrocarbons EPA 8270C
RWQCB ESLs[1]		**NA**	**NA**	**2,700**	**3,400**	**1,800**	**17,000**	**19,000**	**360,000**	**13**	**NE**	**NE**	
MCLs[2]		**NA**	**NA**	**NE**	**5.0**	**6.0**	**6.0**	**10**	**200**	**0.5**	**770***	**260***	
MW-8	08/17/06	<2.5	<2.5	100	**560**	**900**	<2.5	<2.5	**1,000**	**7.4**	1,000	7.4	ND
	10/25/07	<50	<25	290	**1,600**	**1,600**	<0.5	<25	**1,700**	<25	<25	<50	--
	02/21/08	<50	<25	290	**1,800**	**2,300**	<25	<25	**2,500**	<25	<25	<50	--
	06/12/08	<10	<10	300	**1,400**	**3,200**	<10	<10	**2,700**	**19**	<10	<10	--
	10/02/08	<5.0	<5.0	320	**1,100**	**1,900**	<5	<5	**1,700**	**16**	5.2	<5.0	--
	12/11/08	<5.0	<5.0	320	**1,300**	**2,000**	<5.0	<5.0	**2,000**	**15**	6.2	<5.0	--
	05/21/09	<5.0	--	320	**1,500**	**1,900**	<5.0	<5.0	**1,900**	**16**	5.3	<5.0	--
	EAnB Injections												
	07/01/09	<2.5	--	350	**1,200**	**1,100**	<2.5	<2.5	**960**	**11**	<2.5	<2.5	--
	08/07/09	<5.0	--	370	**1,600**	**1,300**	<5.0	<5.0	**1,700**	**9.6**	<5.0	<5.0	--
	09/10/09	<2.5	--	340	**2,600**	**1,100**	<2.5	<2.5	45	**50**	4.0	<2.5	--
	12/09/09	<2.5	--	2,400	**94**	**58**	<2.5	<2.5	14	**85**	4.1	<2.5	--
	12/09/09	<5.0	--	2,400	**92**	**60**	<5.0	<5.0	14	**82**	<5.0	<5.0	--
	04/09/10	<2.5	--	1,400	**32**	2.3 J	<2.5	<2.5	<2.5	**2.2 J**	2.4 J	<2.5	--
	07/08/10	<2.5	--	1,300	**15**	2.5	<2.5	<2.5	<2.5	**2.2 J**	2.8	<2.5	--
Dup	07/08/10	<2.5	--	1,200	**18**	4.5	<2.5	<2.5	<2.5	**2.9**	2.7	<2.5	--

Table C-3
Summary of Analytical Results
Volatile Organic Compounds and PAHs (ug/L)
AB&I Foundry
7825 San Leandro Street
Oakland, California

Well Number	Date	Bromoform	Chlorodibromomethane	Chloroethane	1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1,1 Trichloroethane	Vinyl Chloride	Isopropylbenzene	n-Propylbenzene	Polycyclic Aromatic Hydrocarbons EPA 8270C
RWQCB ESLs[1]		**NA**	**NA**	**2,700**	**3,400**	**1,800**	**17,000**	**19,000**	**360,000**	**13**	**NE**	**NE**	
MCLs[2]		**NA**	**NA**	**NE**	**5.0**	**6.0**	**6.0**	**10**	**200**	**0.5**	**770***	**260***	
MW-9	08/23/06	<40	<40	<40	<40	<40	<40	<40	<40	<40	53	62	ND
	10/25/07	<2.0	<1.0	<2.0	<1.0	<1.0	<0.5	<1.0	<1.0	<1.0	<1.0	<2.0	--
	02/21/08	<4.0	<2.0	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	23	24	--
	06/12/08	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<0.50	<0.50	<0.50	22	26	--
	10/03/08	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	29	--
	12/11/08	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<0.50	<0.50	<0.50	19	23	--
	05/22/09	<0.50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	21	26	--
	EAB Injections												
	07/01/09	<0.50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	34	44	--
	08/07/09	<0.50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	8.8	9.9	--
	09/10/09	<0.50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4.0	3.8	--
	12/09/09	<0.50	--	<0.50	<0.50	<0.50	<0.50	<0.50		<0.50	5.5	1.3	--
	04/09/10	<0.50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5.9	5.5	--
	07/09/10	<0.50	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	10.0	9.5	--

Notes:
Value in bold exceed the MCL
* California Department of Health Drinking Water Program, Drinking Water Notification Level, December 14, 2007
Shaded values exceed the ESL for vapor intrusion
-Historical data for samping events conducted prior to October 2007 obtained from Table 3, Preliminary Groundater Investigation Report, AB&I Foundry, BSK Associates, Inc., dated June 11,

MCL	=	California EPA Department of Health Service Maximum concentration levels for drinking water
RWQCB ESLs (VI)	=	Regional Water Quality Control Board Environmental Screening Levels based on vapor intrusion concerns for commercial land use scenario.
ug/L	=	All concentrations reported in micrograms per liter (ug/L)
ND	=	Not detected at or above laboratory reporting limit.
<5.0	=	Not detected at or above laboratory reporting limit of 5.0 ug/L.
NS	=	Not sampled.
--	=	Not analyzed.
J	=	analyte detected below quantitation limits