



**Fourth Quarter 2011
Groundwater Monitoring and Sampling Report**

Maryland Square PCE Site
3661 South Maryland Parkway
Las Vegas, Nevada

NDEP Facility ID No. H-000086

ATC Project No. 085.42620.0001

January 27, 2012

Prepared for:

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707 Wilshire Boulevard, 45th Floor
Los Angeles, California 90017

Re: Fourth Quarter 2011 Groundwater Monitoring and Sampling Report
Maryland Square PCE Site
3661 South Maryland Parkway
Las Vegas, Nevada
NDEP Facility ID No. H-000086

Dear Mr. Vandenberg:

ATC Associates Inc. (ATC) is submitting this report documenting the results of a recent quarterly groundwater monitoring event conducted at the Maryland Square PCE Site (site). The groundwater monitoring was conducted to evaluate dissolved chlorinated ethenes, specifically tetrachloroethene (PCE), detected in the soil and groundwater in the vicinity of the above referenced site in accordance with requests from the Nevada Division of Environmental Protection (NDEP).

Work Performed Fourth Quarter 2011

ATC is currently performing quarterly monitoring and sampling of 32 of the 33 site groundwater monitoring wells.

Current Phase of Project:	<u>Monitoring and Sampling / Limited Remediation</u>
Frequency of Sampling:	<u>Groundwater: Quarterly (Semi-annual for 2012)</u>
Frequency of Monitoring:	<u>Groundwater: Quarterly (Semi-annual for 2012)</u>
Purge Water Removed This Quarter:	<u>87.50 liters</u>
Approximate Depth to Groundwater:	<u>19.94 ft btoc</u>
Groundwater Gradient:	<u>MSSC: 0.045 feet/foot</u> <u>Boulevard Mall: 0.017 feet/foot</u> <u>Residential and Golf Course Area: 0.011 feet/foot</u> <u>Site Monitoring Network: 0.014 feet/foot</u>
Groundwater Flow Direction:	<u>Site Monitoring Network: East</u>
Groundwater Change Since Last Quarter:	<u>+0.52 feet</u>
Vertical Gradient (MW-1 and MW-9):	<u>Downward: 0.00066 to 0.0011 feet/foot</u>
Groundwater Analytical Methods:	<u>VOCs by EPA 8260B</u>
Average PCE Change Since Last Quarter:	<u>+7.47% (wells with third quarter data)</u>

Historical groundwater elevation data and analytical results are summarized in Table A-1. Current groundwater elevation data and analytical results are summarized in Table A-2. Site figures, including groundwater potentiometric surface and groundwater analytical isoconcentration maps, are included as Figures 1 through 3. Groundwater field sampling forms and laboratory analytical reports are included in Appendix A and B, respectively. The MAROS Statistical Analysis Reports are included in Appendix C.

Background

The following chronology, prepared by others, summarizes the technical development of the site

characterization and groundwater monitoring program:

November 2000: *Phase II Assessment Report*, dated November 28, 2000, and received by NDEP on July 25, 2001.

As the result of a property transaction, subsurface soil and groundwater conditions were investigated along the eastern boundary of the property by advancing one soil boring and converting it into a monitoring well (MW-1). Analysis of water samples collected from MW-1 confirmed PCE concentrations in groundwater at the property exceeded the established U.S. Environmental protection Agency (EPA) primary maximum contamination level (MCL) for PCE in drinking water of 5.0 micrograms per liter ($\mu\text{g/L}$) or parts per billion (ppb).

November 2000: *Spill Report*, telephone spill notification made dated November 29, 2000, and received and logged by NDEP on November 29, 2000.

Based on preliminary results obtained from the Phase II field investigation, a spill notification was called into NDEP and a spill report was recorded.

August 2001: *A through K Report*, dated August 22, 2001, and received by NDEP on September 11, 2001.

Per NDEP requirements, downgradient subsurface soil and groundwater conditions were investigated by advancing five additional soil borings in the vicinity of the Boulevard Mall parking garage and converting the borings into monitoring wells (MW-2 through MW-6). Groundwater samples collected from these wells exhibited concentrations of PCE and trichloroethene (TCE) exceeding 5 $\mu\text{g/L}$, which is the primary MCL for both compounds.

November 2002: *Additional Soil and Groundwater Investigation Report*, dated November 13, 2002, and received by NDEP on November 18, 2002.

Converse Consultants (Converse) completed an additional soil and groundwater investigation beneath the shopping center building located on the property and on the Boulevard Mall property. Five soil samples were collected from beneath the suite previously occupied by the dry cleaning facility. PCE was detected in four of these five soil samples at concentrations of 110 micrograms per kilogram ($\mu\text{g/kg}$) or ppb (in two samples), 170 $\mu\text{g/kg}$, and 15,000 $\mu\text{g/kg}$. At that time, the EPA Preliminary Remediation Goal (PRG) for PCE in industrial soil was 3,400 ppb, which was the concentration threshold used to compare screen investigation samples. PRGs have now been superseded by Regional Screening Levels (RSL), which are updated and revised biennially in even-numbered years.

Additionally, six groundwater monitoring wells were installed (MW-7 through MW-12) on the property and on the Boulevard Mall property. This additional investigation (1) indicated the presence of PCE in soil beneath the shopping center building, (2) established a lateral PCE boundary location upgradient on the property (MW-12), and (3) established the lateral extent of PCE-contaminated groundwater north of MW-3 on the Boulevard Mall Property.

May 2003: *Additional Soil and Groundwater Investigation Report*, dated May 16, 2003, and received by NDEP on May 16, 2003.

An additional well (MW013) was installed on the Boulevard Mall property to evaluate the extent of PCE-contaminated groundwater to the northeast. The boring for well MW-13 was drilled to 29 feet below ground surface (bgs), the water level was measured at 17.25 feet bgs, and a soil sample was collected

from the vadose zone at 14 feet bgs. This soil sample contained PCE at a concentration of 45 µg/kg. The groundwater sample collected at this location exhibited a PCE concentration of 2,100 µg/L.

March 2004: *Well Installation/Slug Testing/Groundwater Monitoring Report – 4th Quarter 2003 and 1st Quarter 2004*, dated March 26, 2004, and received by NDEP on March 26, 2004.

Subsurface soil conditions were explored by advancing eight soil borings and converting six of the borings into monitoring wells (MW-14 through MW-16 and MW-19 through MW-21). Groundwater samples collected at these locations in January 2004 exhibited dissolved PCE that ranged in concentration from below detection limits (MW-16) to 1,200 µg/L (MW-19).

During the same period, slug tests were performed on seven monitoring wells (MW-2, MW-3, MW-13, MW-15, MW-16, MW-19, and MW-20) to obtain hydraulic parameters required for designing a hydrogen release compound (HRC) groundwater treatment system. Hydraulic conductivities derived using the Bouwer-Rice method ranged from 1.9 to 17 feet per day, while those derived via the Hvorslev Method ranged from 0.8 to 6.4 feet per day.

February 2004: *Correspondence from Dickerson, Dickerson, Consul & Pocker*, dated February 27, 2004, and received by NDEP on March 1, 2004.

Al Phillips the Cleaner (APTC) accepted responsibility for the release and assumed control of assessment activities from the Trust after which all site characterization and monitoring work was conducted by URS Corporation (URS). During this time, Converse was retained to review documents prepared by URS on behalf of the Trust.

July 2005: *Report – Subsurface Investigation June 2005*, dated July 2005, and received by NDEP on July 11, 2005.

URS completed an additional soil and groundwater investigation and an investigation of the soil beneath the shopping center building located at the site. Seven soil borings (B-5 through B-12) were advanced at locations within the suite previously occupied by the dry cleaning facility. Soil samples were collected at 5-foot intervals from borings B-6 through B-10 to a total depth of 15 feet bgs, and at 2.5 and 3.5 feet bgs at boring locations B-11 and B-12. Three soil samples collected at B-8 (5 feet bgs) and B-10 (10 and 15 feet bgs) contained PCE concentrations above the industrial PRG (relevant at that time) of 3,400 ppb. In addition, five groundwater monitoring wells were installed on the property and in the residential neighborhood east of the Boulevard Mall (MW-17, MW-18, and MW-22 through MW-24).

April 2006: *Report – Quarterly Groundwater Sampling and Additional Monitor Well Installation*, dated April 25, 2006, and received by NDEP on April 27, 2006.

Two additional groundwater monitoring wells (MW-26 and MW-27) were installed in March 2006 at locations representing the eastern end of the residential neighborhood. PCE concentrations of 730 and 220 µg/L in groundwater were observed at wells MW-26 and MW-27. TCE concentrations were reported to be below method detection limits.

February 2007: *Source Area Soil Assessment*, dated February 23, 2007.

URS advanced 17 soil borings at the property to collect and analyze additional subsurface soil samples to refine the source area soil assessment. The report compiled analytical data profiling 24 soil samples collected from 12 borings advanced within the source area in 2002 and 2005, with new analytical data

generated from 53 soil samples collected at 17 additional boring locations cited within the source area. A total of 77 subsurface soil data points representing conditions within the source area at the site were considered for assessment of soil in the source area, and URS proposed a remedial method, schedule, and site-specific cleanup level based on the examination of the derived data population.

April 2007: *Report of Off-Site Soil Vapor Assessment*, dated April 13, 2007.

In March 2007, URS conducted an off-site soil vapor study in the Boulevard Mall parking lot and select locations in the residential area east of the mall. Soil vapor concentrations measured at total depth reportedly ranged from below method detection limits at soil vapor boring (SVB)-2, and 11 to 170,000 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) at SVB-14.

September 2007: **Correspondence Issued from NDEP**, dated September 10, 2007.

Groundwater sampling procedures were changed for the project from a three volume purge-and-sample method to low-flow sampling using ASTM International (ASTM) D6771-02.

November 2007: *Installation of Downgradient Groundwater Monitoring Wells*, dated November 26, 2007.

URS installed three monitoring wells (MW-28 through MW-30) within the residential area in October 2007. These wells expanded the groundwater monitoring network farther to the eastern and south-southeastern portions of the residential area. PCE concentrations in groundwater samples collected from these wells ranged from 2.5 $\mu\text{g}/\text{L}$ at monitoring well location MW-29 to 74 $\mu\text{g}/\text{L}$ at monitoring well location MW-30. TCE concentrations were reported to be below method detection limits.

March 2008: *Installation of Additional Downgradient Groundwater Monitoring Wells*, dated March 24, 2008.

URS constructed three additional groundwater monitoring wells (MW-31 through MW-33), two of which bounded the east portion of the residential area, and the third bounded the east-northeast portion of the residential area. PCE concentrations in groundwater samples collected from these new wells ranged from 2.4 $\mu\text{g}/\text{L}$ at monitoring well location MW-33 to 720 $\mu\text{g}/\text{L}$ at monitoring well location W-32. TCE concentrations were reported to be below method detection limits.

July 2008: *Notice of Hearing to Consider First Day of Pleadings (Chapter 11)*, undated and received by NDEP on July 8, 2008.

APTC declared bankruptcy and URS discontinued work at the site. Converse, on behalf of the Trust, resumed quarterly monitoring, supported the litigation work, and prepared a remediation scope of work.

July 2010: *Quarterly Groundwater Monitoring Report – 2nd Quarter 2010*, dated July 23, 2010, and received by NDEP electronically on July 23, 2010.

Field activities and responsibilities were transferred from Converse to Tetra Tech EM Inc. (Tetra Tech) during the second quarter of 2010. Groundwater monitoring protocol and procedures used by Converse and accepted by NDEP were generally continued to maintain data consistency.

October 2010: *Quarterly Groundwater Monitoring Report – 3rd Quarter 2010*, dated October 22, 2010, and received at NDEP electronically on October 22, 2010; resubmitted with NDEP-requested modifications December 21, 2010.

December 2010: *Permanent Injunction Governing the Clean Up of Hazardous Substances at and Emanating from Maryland Square Shopping Center*, dated December 27, 2010, and received by NDEP on November 18, 2002.

The injunction dictated the schedule for remediation of the source area and groundwater at the site. It also decreed that groundwater monitoring should continue based on the previously defined NDEP schedule.

January 2011: *Quarterly Groundwater Monitoring Report – 4th quarter 2010*, dated January 21, 2011, and received at NDEP electronically on January 21, 2011.

February 2011: *Draft Plan for mitigation of Indoor Air and Well Water*, dated February 28, 2011, and received at NDEP electronically on February 28, 2011.

This work plan describes indoor air monitoring and additional groundwater characterization required by the permanent injunction delineates the PCE plume to 5 µg/L.

April 2011: *Quarterly Groundwater Monitoring Report – 1st Quarter 2011*, dated April 20, 2011, and received at NDEP electronically on April 20, 2011.

June 2011: *Draft Plan for Mitigation of Indoor Air and Well Water*, dated June 28, 2011, and received at NDEP electronically on April 20, 2011.

This work plan incorporated NDEP comments on the previously submitted draft.

July 2011: *Quarterly Groundwater Monitoring Report – 3rd Quarter 2011*, dated July 28, 2011, and received at NDEP electronically on July 28, 2011.

August 2011: *Addendum to the Draft Work Plan for Mitigation of Indoor Air and Well Water*, dated August 15, 2011, and received at NDEP electronically on August 15, 2011.

This addendum incorporated NDEP comments on the previously submitted draft.

Groundwater monitoring and sampling responsibilities transferred from Tetra Tech to ATC Associates Inc. for the fourth quarter of 2011.

Groundwater Monitoring and Sampling

Based on the observed site conditions, NDEP has directed monitoring of the site-related groundwater monitoring well network as outlined in its response letter to the Converse report titled “Groundwater Monitoring Report, 3rd Quarter 2009, Maryland Square Shopping Center,” dated December 22, 2009.

Currently, the groundwater monitoring network consist of 33 monitoring wells, of which one well (MW-4) is to be abandoned. Communications between NDEP and the Trust concluded that well MW-4 is no longer fit for sampling because of an obstruction and should be properly abandoned. Monitoring well MW-4 is therefore no longer sampled as part of this program.

Based on the accepted schedule for the fourth quarter 2011 sampling event, which prescribes sampling at each of the 33 site-related active monitoring wells, each well was sampled to record groundwater characteristics and quantify volatile organic compound (VOC) concentrations. Depth to groundwater measurements were collected at active monitoring well locations.

As per agreement with NDEP, select monitoring wells are sampled in 2011 on a quarterly, semi-annual, or annual basis. The sampling schedule is based on the relative PCE concentrations detected in individual monitoring wells in addition to the proximity of a monitoring well to the ascertained plume area. The 2012 sampling schedule has been modified and approved by NDEP.

The 2011 annual sampling schedule for monitoring wells included in the groundwater monitoring program is:

- First Quarter – MW-18, MW-19, MW-20, MW-23, MW-25, MW-26, MW-27, MW-30, MW-31, MW-32, and MW-33
- Second Quarter – MW-1, MW-2, MW-5, MW-6, MW-9, MW-13, MW-14, MW-17, MW-18, MW-19, MW-20, MW-23, MW-25, MW-26, MW-27, MW-28, MW-29, MW-30, MW-31, MW-32, and MW-33
- Third Quarter – MW-18, MW-19, MW-20, MW-23, MW-25, MW-26, MW-27, MW-30, MW-31, MW-32, and MW-33
- Fourth Quarter – MW-1 through MW-33 (well MW-4 was discontinued from the analytical program due to an obstruction).

The NDEP approved 2012 annual sampling schedule for monitoring wells included in the groundwater monitoring program is:

- First Quarter – MW-1, MW-5, MW-6, MW-9, MW-14, MW-17, MW-27, MW-34, MW-35, MW-36, and MW-37 (plus any newly installed wells)
- Second Quarter – MW-1, MW-2, MW-5, MW-6, MW-7, MW-8, MW-9, MW-12, MW-13, MW-14, MW-17, MW-18, MW-19, MW-20, MW-23, MW-25, MW-26, MW-27, MW-28, MW-29, MW-30, MW-31, MW-33, MW-34, MW-35, MW-36, and MW-37 (plus any newly installed wells)
- Third Quarter – MW-1, MW-5, MW-6, MW-9, MW-14, MW-17, MW-27, MW-34, MW-35, MW-36, and MW-37 (plus any newly installed wells)
- Fourth Quarter – MW-1 through MW-37 (plus any newly installed wells). Well MW-4 was discontinued from the analytical program due to an obstruction.

The groundwater monitoring procedures are consistent with the protocol presented by URS in its August 2007 letter and accepted by NDEP in its September 10, 2007 letter. The prescribed groundwater monitoring protocol used at the site was revised to employ the ASTM D6771-02 method in the fourth quarter of 2007. This sampling method relies on low flow pumping that moderates the velocity of water entering the pump intake from the formation pore water surrounding the well. Minimized stress and turbulence within the water-bearing unit during pumping allows collection of groundwater samples generally considered more representative of water quality in the formation than the conventional method, which calls for excavation of three well volumes of groundwater using downhole pumps or bailers.

Groundwater parameters (i.e., pH, temperature, dissolved oxygen (DO), oxidation reduction potential (ORP), electrical conductivity, and turbidity) were measured to evaluate the entrance of actual formation water into the well. For consistency with previous events, ATC placed the inlet of the pump in the middle of the saturated zone for each well (between top of groundwater and bottom of well). Groundwater was pumped at a flow rate of 0.25 L/min. Following the stabilization of groundwater parameters, the pump rate was lowered to minimize turbulence and groundwater was transferred to clean laboratory-supplied 40-milliliter glass volatile organic analysis vials (VOAs), sealed, labeled, and placed in a cool environment for transport to an NDEP-certified laboratory for analysis.

Decontamination procedures were performed throughout sampling. The pump, water level meter, and field meter probe were decontaminated after sampling each well. Purge water generated during the sampling of the monitoring wells was containerized in a properly labeled steel 55-gallon drum and stored onsite pending off-site disposal.

ATC submitted the collected groundwater samples to an NDEP-certified analytical laboratory for the analysis of volatile organic compounds (VOCs) using U.S. Environmental Protection Agency (EPA) Method 8260B. Groundwater data collected during this sampling event are summarized in Table 1 and Table A-1. Monitoring and sampling field sheets are included in Appendix A.

Deviations

Trip, field, and equipment blanks were sent to the lab along with the groundwater samples collected at each monitoring well in order to insure quality control. ATC also collected duplicate groundwater samples from monitoring wells MW-8, MW-20, MW-21, and MW-31.

Laboratory analysis of each groundwater sample produced quantitative data within quality assurance standards. Surrogate compound recoveries associated with each field sample consistently verified proper analytical technique. No laboratory quality control data were flagged outside of established tolerances. The trip blank sample from November 9th did have detections of some volatile organic compounds, but none of these VOCs were detected in the groundwater samples which indicates that the laboratory supplied VOAs may have been impacted since the trip blank VOA was from a separate batch of VOAs. Further analytical testing of VOAs from a similar batch did indicate trace VOCs. Methylene chloride was detected in the trip blanks, field blanks, and equipment blanks. However, methylene chloride was not detected from any groundwater sample, indicating that the laboratory supplied deionized water was impacted with methylene chloride. One equipment blank sample did have a detection of PCE slightly above the laboratory practical quantification limit (PQL). The subsequent well sampled did not indicate a concentration of PCE in excess of historical concentrations for that monitoring well. Therefore, the analytical data on water quality for the fourth quarter were accepted as representative of actual site conditions.

Groundwater Conditions

Groundwater elevations for this sampling event are summarized in Table 1, while historical groundwater data are summarized in Table A-1. Depths to groundwater in the wells sampled during this quarterly event ranged from 13.39 feet bgs (MW-18) to 28.17 feet bgs (MW-16). The average groundwater elevation exhibited an average decrease of 0.52 feet across the site compared with the Third Quarter 2011 groundwater monitoring event. Based on the fourth quarter results, the local hydraulic gradient across the site (the property and associated properties) is calculated at 0.014 and is generally toward the east. Groundwater elevation contours are depicted on Figure 2.

DO readings for MW-1 through MW-33 ranged from 0.16 to 5.2 milligrams per liter (mg/L). ORP readings for MW-1 through MW-33 ranged from -334.6 to 315.1 millivolts (mV). MW-10 had an ORP reading of -334.6 mV and was the only well with an ORP reading in the anaerobic scale (negative greater

than -150 mV). This well has show historically high negative readings which may indicate localized area of anaerobic conditions.

Groundwater Analytical Results

On November 9th, 2011 through November 12th, 2011, ATC mobilized to the site to obtain groundwater samples from the existing Maryland Square Shopping Center groundwater monitoring wells in the immediate vicinity of the site (Figure 3).

Groundwater samples were submitted to Advanced Technologies Laboratory (ATL) of Las Vegas, Nevada, an NDEP-certified laboratory, for the analysis of VOCs using EPA method 8260B.

The laboratory analytical results compared with qualitative changes in groundwater elevation and concentrations are summarized in Table 1. Laboratory analytical reports are provided in Appendix B.

Table 2 summarizes the current analytical results for PCE and daughter products. Historical analytical results compiled for each well location are in Table A-1. Current analytical results compiled for each well location are in Table A-2. Copies of field sampling forms are compiled in Appendix A and copies of final laboratory analytical reports are included in Appendix B.

Table 3 summarizes comparable water quality data obtained in the third and fourth quarters of 2011, in conjunction with a qualitative indication of the change in groundwater elevation.

Table 1
Groundwater Elevations and PCE/TCE Change, Fourth Quarter 2011

Well ID	Depth to Groundwater Level (feet)	Groundwater Elevation (feet amsl)	PCE (µg/L)	TCE (µg/L)	Change in Groundwater Elevation (feet)	Change in PCE (%)	Change in TCE (%)
MW-1	19.65	1972.36	410	ND	+0.20	N/A*	N/A*
MW-2	19.08	1964.89	610	2.1	+0.02	N/A*	N/A*
MW-3	20.35	1964.09	16	ND	+0.10	N/A*	N/A*
MW-5	19.22	1969.93	540	2.5	-0.03	N/A*	N/A*
MW-6	20.30	1968.73	2900	12	0.00	N/A*	N/A*
MW-7	17.86	1972.36	8.9	ND	+0.16	N/A*	N/A*
MW-8	19.62	1874.60	2.7	ND	+0.65	N/A*	N/A*
MW-9	19.91	1972.34	5.6	ND	+0.08	N/A*	N/A*
MW-10	21.62	1962.16	ND	ND	+0.13	N/A*	N/A*
MW-11	27.28	1952.93	1.4	ND	+0.17	N/A*	N/A*
MW-12	15.93	1980.55	0.95	ND	N/A*	N/A*	N/A*
MW-13	18.67	1965.51	1700	2.4	-0.03	N/A*	N/A*
MW-14	18.72	1969.14	1700	2.5	+0.02	N/A*	N/A*
MW-15	16.17	1967.08	3.5	ND	+0.06	N/A*	N/A*
MW-16	28.17	1952.44	ND	ND	+0.19	N/A*	N/A*
MW-17	19.45	1971.44	350	ND	N/A*	N/A*	N/A*
MW-18	13.39	1949.47	1100	3.3	+0.22	-15.38	+3.12
MW-19	27.50	1952.74	1100	4.2	+0.18	+15.79	+16.67

Well ID	Depth to Groundwater Level (feet)	Groundwater Elevation (feet amsl)	PCE (µg/L)	TCE (µg/L)	Change in Groundwater Elevation (feet)	Change in PCE (%)	Change in TCE (%)
MW-20	27.35	1952.60	800	1.9	+0.21	+17.65	+5.56
MW-21	26.47	1953.07	13	ND	+0.20	N/A*	N/A*
MW-22	27.57	1947.18	0.55	ND	+0.30	N/A*	N/A*
MW-23	17.41	1944.88	1100	2.4	+0.26	+10.0	0.0
MW-24	15.12	1945.61	0.95	ND	+0.19	N/A*	N/A*
MW-25	20.62	1940.11	740	0.82	+0.21	+8.82	0.0
MW-26	18.72	1934.76	690	0.61	+0.32	-11.54	+3.39
MW-27	17.32	1926.91	380	1.3	+2.91	-19.15	0.0
MW-28	14.42	1928.54	0.62	ND	+0.51	N/A*	N/A*
MW-29	13.85	1918.40	ND	ND	-0.01	N/A*	N/A*
MW-30	19.47	1921.09	38	ND	+1.81	+52.0	ND
MW-31	17.93	1920.00	58	ND	+0.80	+1.75	ND
MW-32	20.24	1932.58	700	2.7	+0.67	+14.75	+42.11
MW-33	18.72	1932.20	ND	ND	+0.59	N/A*	N/A*

Notes: *Unable to evaluate change due to lack of data from previous quarter

ND: Not Detected-Laboratory PQL=<0.50 µg/L

Amsl: Above Mean Sea Level

+ Increase in concentration or elevation

- Decrease in concentration or elevation

Table 2
Groundwater Analytical Results, Fourth Quarter 2011

Well ID	Date Sampled	PCE (µg/L)	TCE (µg/L)	cis-1,2-Dichloroethane (µg/L)	Vinyl Chloride (µg/L)
MW-1	November 9, 2011	410	ND	ND	ND
MW-2	November 10, 2011	610	2.1	0.7	ND
MW-3	November 9, 2011	16	ND	ND	ND
MW-5	November 9, 2011	540	2.5	1.1	ND
MW-6	November 10, 2011	2,900	12.0	5.6	ND
MW-7	November 12, 2011	8.9	ND	ND	ND
MW-8	November 12, 2011	2.7	ND	ND	ND
MW-8D	November 12, 2011	2.2	ND	ND	ND
MW-9	November 12, 2011	5.6	ND	ND	ND
MW-10	November 9, 2011	ND	ND	ND	ND
MW-11	November 10, 2011	1.4	ND	ND	ND
MW-12	November 12, 2011	1.0	ND	ND	ND
MW-13	November 10, 2011	1,700	2.4	ND	ND
MW-14	November 10, 2011	1,700	2.5	ND	ND
MW-15	November 9, 2011	3.5	ND	ND	ND
MW-16	November 9, 2011	ND	ND	ND	ND
MW-17	November 12, 2011	350	ND	ND	ND

Well ID	Date Sampled	PCE (µg/L)	TCE (µg/L)	cis-1,2-Dichloroethane (µg/L)	Vinyl Chloride (µg/L)
MW-18	November 11, 2011	1,100	3.3	ND	ND
MW-19	November 10, 2011	1,100	4.2	ND	ND
MW-20	November 10, 2011	800	1.9	ND	ND
MW-20D	November 10, 2011	850	1.9	ND	ND
MW-21	November 9, 2011	13	ND	ND	ND
MW-21D	November 9, 2011	11	ND	ND	ND
MW-22	November 10, 2011	0.6	ND	ND	ND
MW-23	November 11, 2011	1,100	2.4	ND	ND
MW-24	November 11, 2011	1.0	ND	ND	ND
MW-25	November 11, 2011	740	0.8	ND	ND
MW-26	November 11, 2011	690	0.6	ND	ND
MW-27	November 11, 2011	380	1.3	ND	ND
MW-28	November 11, 2011	0.6	ND	ND	ND
MW-29	November 11, 2011	ND	ND	ND	ND
MW-30	November 11, 2011	38	ND	ND	ND
MW-31	November 11, 2011	58	ND	ND	ND
MW-31D	November 11, 2011	64	ND	ND	ND
MW-32	November 11, 2011	700	2.7	ND	ND
MW-33	November 11, 2011	ND	ND	ND	ND

Notes: MW-8, MW-20, MW-21, and MW-31: Duplicate Sample
 ND: Not Detected
 NS: Not Sampled

Table 3
Groundwater Analytical Results,
Third and Fourth Quarter 2011

Well ID	Third Quarter 2011 Data (September 29-30 2011)		Fourth Quarter 2011 Data (November 9-12 2011)		Net Change in Groundwater Elevation (3rd Quarter vs. 4th Quarter 2011)
	PCE (µg/L)	TCE (µg/L)	PCE (µg/L)	TCE (µg/L)	
MW-1	NS	NS	410	ND	+0.20
MW-2	NS	NS	610	2.1	+0.02
MW-3	NS	NS	16	ND	+0.10
MW-5	NS	NS	540	2.5	-0.03
MW-6	NS	NS	2,900	12.0	0.00
MW-7	NS	NS	8.9	ND	+0.16
MW-8	NS	NS	2.7	ND	+0.65
MW-9	NS	NS	5.6	ND	+0.08
MW-10	NS	NS	ND	ND	+0.13
MW-11	NS	NS	1.4	ND	+0.17

Well ID	Third Quarter 2011 Data (September 29-30 2011)		Fourth Quarter 2011 Data (November 9-12 2011)		Net Change in Groundwater Elevation (3rd Quarter vs. 4th Quarter 2011)
	PCE (µg/L)	TCE (µg/L)	PCE (µg/L)	TCE (µg/L)	
MW-12	NS	NS	1.0	ND	N/A*
MW-13	NS	NS	1,700	2.4	-0.03
MW-14	NS	NS	1,700	2.5	+0.02
MW-15	NS	NS	3.5	ND	+0.06
MW-16	NS	NS	ND	ND	+0.19
MW-17	NS	NS	350	ND	N/A*
MW-18	1,300	3.2	1,100	3.3	+0.22
MW-19	950	3.6	1,100	4.2	+0.18
MW-20	680	1.8	800	1.9	+0.21
MW-21	NS	NS	13	ND	+0.20
MW-22	NS	NS	0.6	ND	+0.30
MW-23	1,000	2.4	1,100	2.4	+0.26
MW-24	NS	NS	1.0	ND	+0.19
MW-25	680	0.8	740	0.8	+0.21
MW-26	780	0.6	690	0.6	+0.32
MW-27	470	1.3	380	1.3	+2.91
MW-28	NS	NS	0.6	ND	+0.51
MW-29	NS	NS	ND	ND	-0.01
MW-30	25	ND	38	ND	+1.81
MW-31	57	ND	58	ND	+0.80
MW-32	610	1.9	700	2.7	+0.67
MW-33	ND	ND	ND	ND	+0.59

Notes: Parentheses indicates the duplicate sample collected from MW-8, MW-20, MW-21, and MW-31

ND: Not Detected

NS: Not Sampled

N/A*: Not Applicable, groundwater elevation not measured in third quarter 2011, therefore a difference is not reported

- Decrease in groundwater elevation in fourth quarter 2011 compared with third quarter 2011

+ Increase in groundwater elevation in fourth quarter 2011 compared with third quarter 2011

The groundwater locations selected for quarterly monitoring represent groundwater conditions at the source area, east and west of Boulevard Mall, adjacent to and beneath the residential neighborhood, and western portions of the nearby golf course. The range of groundwater elevations spanned from 1918.40 feet above mean sea level (amsl) (MW-29) to 1980.55 feet amsl (MW-12). Groundwater elevations are summarized in Tables 1, 1-A, and 2-A.

Groundwater elevations generally increased across the site (with the exception of MW-5, MW-13, and MW-29) compared with the third quarter (September) 2011 data. The fourth quarter monitoring area groundwater gradient of 0.014 vertical feet per horizontal foot, with a flow direction generally toward the east (Figure 2), is fairly consistent with groundwater gradients measured in the third quarter of 2011 of 0.0138. Application of a large volume of irrigation water at the golf course, especially during summer months, may influence water elevation in shallow groundwater measured in the monitoring wells. This

influence is historically observed in MW-27, MW-28, MW-30, MW-31, MW-32, and MW-33. These monitoring wells exhibited a greater than average increase in groundwater elevation this event, which corresponds to the seasonal variation.

PCE was detected in the groundwater samples collected from monitoring wells MW-1 through MW-9 (with the exception of MW-4), MW-11 through MW-15, MW-17 through MW-28, and MW-30 through MW-32, at concentrations ranging from 0.55 µg/L (MW-22) to 2,900 µg/L (MW-6). PCE concentrations identified by the laboratory in the groundwater samples collected from all wells exceeded the maximum contaminant levels (MCL) for PCE in groundwater of 5 µg/L with the exception of MW-8, MW-11, MW-12, MW-15, MW-22, MW-24, and MW-28 with concentrations of 2.7 µg/L, 1.4 µg/L, 0.95 µg/L, 3.5 µg/L, 0.55 µg/L, 0.95 µg/L, and 0.62 µg/L, respectively (Table 2).

PCE was not detected at wells MW-10, MW-16, MW-29, or MW-33.

Duplicate samples were collected from MW-8, MW-20, MW-21, and MW-31. In MW-8, concentrations of PCE were measured at 2.7 µg/L and 2.2 µg/L, a relative percent difference (RPD) of 22.72%. In MW-20, PCE concentrations were measured at 800 µg/L and 850 µg/L, a RPD of 5.9%. In MW-21, PCE concentrations were measured at 13 µg/L and 11 µg/L, a RPD of 18.2%. In MW-31, PCE concentrations were measured at 58 µg/L and 64 µg/L, a RPD of 9.4%. The duplicate sample results do not show significant statistical variation based on the levels of the concentrations.

PCE concentrations increased an average of 7.5% in the monitoring wells sampled compared with the previous sampling event in Third Quarter 2011.

Trichloroethene (TCE) was detected at concentrations ranging from 0.61 µg/L to 12 µg/L in the groundwater samples collected from wells, MW-2, MW-5, MW-6, MW-13, MW-14, MW-18 through MW-20, MW-23, MW-25 through MW-27, and MW-32. The detected concentrations were below the MCL for TCE in groundwater of 5 µg/L, with the exception of MW-6 (12 µg/L). Table 3 shows the differences in concentration between third and fourth quarters 2011.

Cis-1,2-dichloroethene (DCE) was detected in monitoring wells MW-2, MW-5, and MW-6 at concentrations of 0.66 µg/L, 1.1 µg/L, and 5.6 µg/L, respectively. The detected concentrations were below the MCL for DCE in groundwater of 70 µg/L.

Vinyl chloride (VC) was not detected at concentrations in excess of laboratory detection levels (0.50 µg/L). The lack of detectable VC indicates that reductive dechlorination is not occurring within the monitoring zone.

Mann-Kendall and Linear Regression Statistical Analyses

A statistical trend analysis was conducted using Air Force Center for Environmental Excellence (AFCEE) Monitoring and Remediation Optimization System Software (MAROS). Statistical output from the MAROS software includes but is not limited to linear regression and Mann-Kendall statistics summaries presenting the results of parametric and nonparametric statistical test methods.

The linear regression analysis is intended to identify the trend in data through estimation of the log slope, to place confidence limits on the log slope of the trend (the fit of predicted values to observed values), and to determine the standard error of the slope (standard deviation). Positive log slopes indicate an increase in constituent concentrations over time, whereas negative values indicate a decrease in constituent concentrations over time. The coefficient of variation (COV) is the statistical measure of how the individual data points vary about the mean value. Values less than 1.00 indicate data are relatively

clustered about the mean value, while values larger than 1.00 indicate a greater degree of scatter. The confidence in trend is the statistical probability that the constituent concentration is increasing (In slope > 0) or decreasing (In slope < 0).

The Mann-Kendall test is a non-parametric statistical procedure for analyzing trends in data over time and is suitable for analyzing data that do not follow a normal distribution and that may include irregular sampling intervals and missing data. Results of non-parametric test methods are not biased by the overall magnitude of outlier data points, but depend on the ranking of individual data points against the null hypothesis (H_0), which is that "there is no trend." Positive Mann-Kendall statistic values (S) indicate an increase in constituent concentrations over time, whereas negative values indicated decreasing concentrations. Larger positive or negative values indicate the strength or relative confidence in the trend.

The MAROS Mann-Kendall decision matrix is defined as follows:

Mann-Kendall Statistics (S)	Confidence in Trend (%)	Concentration Trend
$S > 0$	>95%	Increasing (I)
$S > 0$	90 - 95%	Probably Increasing (PI)
$S > 0$	<90%	No Trend (NT)
$S \leq 0$	<90% and $COV \geq 1$	No Trend (NT)
$S \leq 0$	<90% and $COV < 1$	Stable
$S < 0$	90-95%	Probably Decreasing (PD)
$S < 0$	> 95%	Decreasing

The Linear Regression decision matrix is defined as follows:

Confidence in Trend (%)	Log Slope (Ln Slope)	
	Positive	Negative
< 90%	No Trend	$COV < 1$ Stable
		$COV > 1$ No Trend
90 - 95%	Probably Increasing	Probably Decreasing
> 95%	Increasing	Decreasing

Using the Mann-Kendall statistical test using the most recent data, PCE concentrations were:

Status:

Increasing (I) at:

Probably Increasing (PI) at:

Stable at:

Probably Decreasing (PD) at:

Monitoring Well Locations:

MW-5 and MW-6

MW-27

MW-19, MW-29, MW-30, MW-31, and MW-33

MW-32

Decreasing (D) at: MW-1, MW-2, MW-9, MW-13, MW-14, MW-17, MW-18, MW-20, MW-23, MW-25, MW-26, and MW-28

Discernible trends based on data representing PCE concentrations at the remaining well locations (MW-3, MW-4, MW-7, MW-8, MW-10, MW-12, MW-15, MW-16, MW-21, MW-22, and MW-24) were not noted (No Trend; NT) or Not Applicable (NA) because of insufficient data. Given there were no detections reported in MW-11, it was not analyzed or reported by MAROS.

Trend assignments based on Linear Regressions indicate PCE concentrations were:

<u>Status:</u>	<u>Monitoring Well Locations:</u>
Increasing (I) at:	MW-5, MW-6, and MW-27
Probably Increasing (PI) at:	MW-30
Probably Decreasing (PD) at:	MW-19 and MW-29
Decreasing (D) at:	MW-1, MW-2, MW-9, MW-13, MW-14, MW-17, MW-18, MW-20, MW-23, MW-25, MW-26, MW-28, and MW-32

Discernible linear regression trends based on data representing PCE concentrations at the remaining well locations (MW-3, MW-4, MW-7, MW-8, MW-10, MW-12, MW-15, MW-16, MW-21, MW-22, MW-24, MW-31, and MW-33) were not noted (NT) or Not Applicable (NA) because of insufficient data. Given there were no detections reported in MW-11, it was not analyzed or reported by MAROS.

Summary reports for both linear regression and Mann-Kendall analyses, as well as linear regression statistical reports that include graphed data for each well location, are included in Appendix C.

Summary and Conclusions

Based on the results of this groundwater sampling event, ATC provides the following summary and conclusions:

- PCE was detected in the groundwater samples collected from on-site monitoring wells MW-1 through MW-9 (with the exception of MW-4), MW-11 through MW-15, MW-17 through MW-28, and MW-30 through MW-32, at concentrations ranging from 0.55 µg/L (MW-22) to 2,900 µg/L (MW-6).

Recommendations

ATC recommends continuing monitoring and sampling of the site monitoring wells in accordance with the NDEP approved 2012 schedule.

For your convenience, a copy of this report has been forwarded to the NDEP case officer for review.

Limitations

This report has been prepared for the exclusive use of Herman Kishner Trust, as it pertains to Maryland Square PCE Site located at 3661 South Maryland Parkway, in Las Vegas, Nevada. Our professional services have been performed, our findings obtained, and our recommendations prepared in accordance with customary principles and practices in the fields of environmental science and engineering. This warranty is in lieu of all other warranties either expressed or implied. This company is not responsible for the independent conclusions, opinions, or recommendations made by others based on the records review, site inspection, field exploration, and laboratory test data presented in this report.

It should be noted that all surficial environmental assessments are inherently limited in the sense that conclusions are drawn and recommendations developed from information obtained from limited research and site evaluation. For these types of evaluations, it is often necessary to use information prepared by others and ATC cannot be responsible for the accuracy of such information. In addition, the passage of time may result in a change in the environmental characteristics at this site and surrounding properties. This report does not warrant against future operations or conditions, nor does it warrant operations or conditions present of a type or at a location not investigated. This report is not a regulatory compliance audit and is not intended to satisfy the requirements of any state, federal, or local real estate transfer laws.

It must be noted that no investigation can absolutely rule out the existence of any hazardous materials at a given site. This assessment has been based upon prior site history, observable conditions, and the subsurface soil sampling described in this report. Existing hazardous materials and contaminants can escape detection using these methods.

Environmental Certification Jurat


This Fourth Quarter 2011 Groundwater Monitoring Report for Maryland Square PCE Site located at 3661 South Maryland Parkway, Las Vegas, Nevada, has been prepared in accordance with Nevada Administrative Code (NAC), Chapter 459, Section 9717.

I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and, to the best of my knowledge, comply with all applicable Federal, State and local statutes, regulations and ordinances.

If you have any questions or require additional information, please feel free to contact the undersigned at (702) 798-5750.

Sincerely,

ATC Associates Inc.



Becky Enter
Field Geologist



Andrew D. Stuart
Senior Project Manager
Nevada Certified Environmental Manager
No. EM-1905 (Expires 01/26/13)

Att:	Tables	Historical Groundwater Gauging and Analytical Data
		Current Groundwater Gauging and Analytical Data
	Figures	Site Vicinity Map
		Groundwater Potentiometric Surface Map
		PCE Isoconcentration Map
	Appendix A	Field Sheets
	Appendix B	Laboratory Analytical Reports
	Appendix C	MAROS Statistical Analysis Reports

cc: Dr. Mary Siders, Nevada Division of Environmental Protection-Carson City, Nevada

TABLES

Table A-1
 Historical Groundwater Gauging and Analytical Data
 Maryland Square Shopping Center

Well ID	Date	Top of Casing Elevation (feet ams)	Depth to Groundwater (feet)	Groundwater Elevation (feet ams)	PCE (µg/L)	TCE (µg/L)	cis-1,2- Dichloroethan e (µg/L)	Vinyl Chloride (µg/L)	pH	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	TDS (g/L)	ORP (mV)
MW-1	Aug 00	NM	NM	NM	2,300	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Oct 00	1991.81	17.54	1974.27	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Sep 02	1992.04	17.90	1974.14	2,000	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	May 03	1992.04	18.70	1973.34	870	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Sep 03	1992.04	18.97	1973.07	2,300	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Jan 04	1992.04	19.30	1972.74	1,700	ND	ND	ND	7.0	3.5	NM	0.9	22.50	NM	NM
	May 05	1992.04	15.24	1976.8	3,500	ND	ND	ND	7.0	4.0	441.0	5.4	26.00	NM	110
	Sep 05	1992.04	16.74	1975.3	1,700	ND	ND	ND	7.1	4.2	64.0	7.0	27.50	2.7	129
	Dec 05	1992.04	17.61	1974.43	820	ND	ND	ND	7.0	5.1	290.0	2.0	26.90	3.2	404
	Mar 06	1992.04	18.42	1973.62	420	ND	ND	ND	NM	5.6	>999	NM	23.10	3.7	545
	Jun 06	1992.04	NM	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM
	Oct 06	1992.04	18.30	1973.74	1,100	ND	ND	ND	6.3	3.7	81.0	4.6	26.70	2.4	129
	Dec 06	1992.04	18.88	1973.16	1,300	ND	ND	ND	6.7	4.4	>999	5.1	26.90	2.8	111
	Mar 07	1992.04	20.08	1971.96	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 07	1992.04	19.81	1972.23	450	ND	ND	ND	7.0	2.3	611.0	6.2	25.70	1.4	468
	Sep 07	1992.04	18.39	1973.65	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Dec 07	1992.04	19.01	1973.03	710	ND	ND	ND	6.4	3.9	15.0	5.5	22.20	2.5	223
	Mar 08	1992.04	20.03	1972.01	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 08	1992.04	NM	NM	NM	260	ND	ND	ND	NM	NM	NM	NM	NM	NM
	Oct 08	1992.01	19.82	1972.19	460	ND	ND	ND	6.6	3.7	62.4	1.1	27.10	2.4	130
	Feb 09	1992.01	19.65	1972.36	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 09	1992.01	19.88	1972.13	NS	NS	NS	NS	7.1	3.7	39.6	1.6	26.20	2.4	101
	Jul 09	NM	NM	NM	590	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Sep 09	1992.01	19.90	1970.11	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Nov 09	1992.01	20.33	1971.68	390	ND	ND	ND	6.3	3.4	-10.0	1.5	26.90	2.2	126
	Feb 10	1992.01	20.04	1971.97	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
Jun 10	1992.01	19.98	1972.03	400	ND	ND	ND	7.0	3.3	0.0	3.2	26.13	NM	NM	
Oct 10	1992.01	19.44	1972.57	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Nov 10	1992.01	19.54	1972.47	430	ND	ND	ND	6.7	3.5	1.2	1.4	27.56	NM	212	
Mar 11	1992.01	20.10	1971.91	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Jun 11	1992.01	20.18	1971.83	460	ND	ND	ND	7.2	3.6	0.0	1.7	25.58	NM	259	
Sep 11	1992.01	19.85	1972.16	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Nov 11	1992.01	19.65	1972.36	410	ND	ND	ND	7.0	3.4	5.1	1.3	25.97	2.2	266	
MW-2	Oct 00	1983.79	15.52	1968.27	3,000	18.0	18.0	ND	NM	NM	NM	NM	NM	NM	NM
	Sep 02	1983.99	16.62	1967.37	3,000	13.0	13.0	ND	NM	NM	NM	NM	NM	NM	NM
	May 03	1983.99	17.15	1966.84	1,400	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Sep 03	1983.97	17.70	1966.27	1,700	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Jan 04	1983.97	18.25	1965.72	1,700	ND	ND	ND	7.1	3.1	NM	1.1	23.20	NM	NM
	May 05	1983.97	14.65	1969.32	2,050	17.0	9.7	ND	6.9	3.5	698.0	4.8	23.40	NM	193
	Dec 05	1983.97	16.00	1967.97	2,900	ND	ND	ND	6.6	4.8	360.0	2.7	25.40	3.1	264
	Mar 06	1983.97	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 06	1983.97	17.55	1966.42	1,600	ND	ND	ND	6.1	3.7	728.0	7.0	24.90	2.4	116
	Oct 06	1983.97	17.25	1966.72	1,900	ND	ND	ND	6.1	3.5	20.0	5.1	24.40	2.2	161
	Dec 06	1983.97	17.60	1966.37	1,300	ND	ND	ND	6.8	4.2	28.0	4.9	24.50	2.7	241
	Mar 07	1983.97	18.84	1965.13	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 07	1983.97	19.01	1964.96	1,400	ND	ND	ND	7.0	3.5	539.0	5.7	24.40	2.3	305
	Sep 07	1983.97	17.94	1966.03	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Dec 07	1983.97	18.04	1965.93	1,000	ND	ND	ND	6.3	3.6	144.0	6.9	21.80	2.3	314
	Mar 08	1983.97	18.82	1965.15	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 08	1983.97	NM	NM	900	ND	ND	ND	6.9	3.5	44.7	3.4	24.80	2.3	103
	Oct 08	1983.97	18.54	1965.43	960	3.4	1.2	ND	6.9	3.5	15.4	1.9	24.50	2.4	116
	Feb 09	1983.97	18.68	1965.29	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 09	1983.97	18.95	1965.02	880	3.2	1.1	ND	7.0	3.7	15.4	1.9	24.50	2.4	116
	Sep 09	1983.97	18.95	1965.02	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Nov 09	1983.97	19.32	1964.65	530	2.4	ND	ND	5.6	3.3	280.0	1.9	24.40	2.1	155
	Feb 10	1983.97	19.68	1964.29	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 10	1983.97	19.08	1964.89	570	2.1	0.8	ND	7.0	3.1	14.8	3.5	24.19	NM	NM
	Oct 10	1983.97	18.76	1965.21	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Nov 10	1983.97	18.78	1965.19	560	2.4	0.7	ND	6.9	3.4	32.8	3.0	24.11	NM	92
	Mar 11	1983.97	19.19	1964.78	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 11	1983.97	19.50	1964.47	680	2.2	0.6	ND	7.2	3.4	25.9	2.6	24.47	NM	273
Sep 11	1983.97	19.11	1964.86	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Nov 11	1983.97	19.09	1964.88	610	2.1	0.66	NS	7.0	3.3	24.5	2.7	23.55	2.1	168	

Table A-1
 Historical Groundwater Gauging and Analytical Data
 Maryland Square Shopping Center

Well ID	Date	Top of Casing Elevation (feet amsl)	Depth to Groundwater (feet)	Groundwater Elevation (feet amsl)	PCE (µg/L)	TCE (µg/L)	cis-1,2-Dichloroethane (µg/L)	Vinyl Chloride (µg/L)	pH	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	TDS (g/L)	ORP (mV)
MW-3	Oct 00	1984.19	15.95	1968.24	98	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Sep 02	1984.46	17.20	1967.26	ND	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	May 03	1984.46	17.70	1966.76	6.9	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Sep 03	1984.46	18.35	1966.08	12	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Jan 04	1984.46	19.25	1965.18	6.7	ND	ND	ND	6.9	2.9	NM	1.0	22.40	NM	NM
	May 05	1984.46	15.22	1969.21	ND	ND	ND	ND	7.0	2.9	NM	2.5	26.00	NM	149
	Dec 05	1984.46	16.45	1967.98	ND	ND	ND	ND	6.6	4.7	100.0	0.9	27.30	3.0	33
	Mar 06	1984.46	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 06	1984.46	18.38	1966.05	ND	ND	ND	ND	NM	3.8	285.0	5.6	26.40	2.4	-32
	Oct 06	1984.46	17.88	1966.55	ND	ND	ND	ND	5.9	3.9	26.0	2.0	26.70	2.5	279
	Dec 06	1984.46	18.26	1966.17	1.2	ND	ND	ND	6.7	4.8	272.0	2.9	26.70	3.1	9
	Mar 07	1984.46	19.86	1964.57	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 07	1984.46	20.23	1964.2	ND	ND	ND	ND	7.1	3.7	605.0	3.6	25.90	2.4	43
	Sep 07	1984.46	18.99	1965.44	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Dec 07	1984.46	18.99	1965.44	1.4	ND	ND	ND	6.1	3.9	55.1	2.2	21.90	2.5	135
	Mar 08	1984.46	19.94	1964.49	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 08	1984.46	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Oct 08	1984.41	19.46	1964.95	6.5	ND	ND	ND	6.7	3.8	44.2	0.4	27.50	2.4	99
	Feb 09	1984.41	19.80	1964.61	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 09	1984.41	20.20	1964.21	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Sep 09	1984.41	20.16	1964.25	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Nov 09	1984.41	20.48	1963.93	5.1	ND	ND	ND	6.0	3.8	180.0	1.3	26.60	2.4	143
	Feb 10	1984.41	21.07	1963.34	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 10	1984.41	13.91	1970.50	NS	NS	NS	NS	6.8	3.5	2.2	2.0	27.36	NM	NM
Oct 10	1984.41	19.95	1964.46	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Nov 10	1984.41	19.91	1964.50	5.8	ND	ND	ND	6.7	3.9	12.5	0.6	27.29	NM	106	
Mar 11	1984.41	20.47	1963.94	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Jun 11	1984.41	20.86	1963.55	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Sep 11	1984.41	20.45	1963.96	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Nov 11	1984.41	20.35	1964.06	16	ND	ND	ND	6.7	4.5	34.2	3.3	26.17	NM	-38	
MW-4	Oct 00	1989.68	16.95	1972.73	14	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Sep 02	1989.87	NM	NM	25	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	May 03	1989.87	18.71	1971.16	24	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Sep 03	1989.85	19.05	1970.8	100	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Jan 04	1989.85	19.86	1969.99	220	ND	ND	ND	7.0	2.7	NM	1.2	22.00	NM	NM
	May 05	1989.85	15.83	1974.02	25	ND	ND	ND	6.8	3.7	664.0	3.7	24.20	NM	160
	Dec 05	1989.85	17.62	1972.23	15	ND	ND	ND	6.7	4.9	670.0	3.2	25.90	3.1	219
	Mar 06	1989.85	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 06	1989.85	18.36	1971.49	27	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Oct 06	1989.85	18.34	1971.51	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Dec 06	1989.85	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Mar 07	1989.85	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 07	1989.85	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Sep 07	1989.85	18.96	1970.89	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Dec 07	1989.85	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Mar 08	1989.85	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 08	1989.85	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Oct 08	1989.86	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Feb 09	1989.86	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 09	1989.86	Dry	Dry	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Sep 09	1989.86	Dry	Dry	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
Nov 09	1989.86	Dry	Dry	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Feb 10	1989.86	Dry	Dry	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Jun 10	1989.86	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Oct 10	1989.86	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Nov 10	1989.86	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Mar 11	1989.86	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Jun 11	1989.86	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Sep 11	1989.86	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Nov 11	1989.86	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	

Table A-1
Historical Groundwater Gauging and Analytical Data
Maryland Square Shopping Center

Well ID	Date	Top of Casing Elevation (feet amsl)	Depth to Groundwater (feet)	Groundwater Elevation (feet amsl)	PCE ($\mu\text{g/L}$)	TCE ($\mu\text{g/L}$)	cis-1,2-Dichloroethane ($\mu\text{g/L}$)	Vinyl Chloride ($\mu\text{g/L}$)	pH	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature ($^{\circ}\text{C}$)	TDS (g/L)	ORP (mV)
MW-5	Oct 00	1988.93	16.20	1972.73	100	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Sep 02	1989.18	17.00	1972.18	110	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	May 03	1989.18	17.80	1971.38	240	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Sep 03	1989.18	18.07	1971.11	220	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Jan 04	1989.18	18.65	1970.53	370	ND	ND	ND	6.7	2.6	NM	1.2	22.30	NM	NM
	May 05	1989.18	14.87	1974.31	146	ND	ND	ND	7.1	2.6	NM	4.6	25.40	NM	184
	Dec 05	1989.18	16.80	1972.38	93	ND	ND	ND	6.8	5.3	>999	1.5	26.80	3.3	377
	Mar 06	1989.18	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 06	1989.18	17.40	1971.78	220	ND	ND	ND	NM	3.8	>999	6.9	26.60	2.4	126
	Oct 06	1989.18	17.46	1971.72	67	ND	ND	ND	6.2	3.5	21.0	4.8	26.70	2.2	99
	Dec 06	1989.18	18.01	1971.17	130	ND	ND	ND	6.8	4.5	134.0	5.4	26.50	2.9	93
	Mar 07	1989.18	19.30	1969.88	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 07	1989.18	19.12	1970.06	550	ND	ND	ND	7.0	3.4	375.0	6.5	25.20	2.2	460
	Sep 07	1989.18	17.85	1971.33	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Dec 07	1989.18	18.33	1970.85	170	ND	ND	ND	6.3	3.8	28.3	5.7	24.40	2.4	159
	Mar 08	1989.18	19.31	1969.87	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 08	1989.18	NM	NM	400	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Oct 08	1989.15	18.99	1970.16	340	2.7	1.2	ND	6.8	3.5	21.4	4.8	27.40	2.3	119
	Feb 09	1989.15	18.99	1970.16	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 09	1989.15	19.17	1969.98	700	4.6	1.3	ND	7.0	3.6	0.0	5.6	26.20	2.3	125
	Sep 09	1989.15	19.14	1970.01	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Nov 09	1989.15	19.55	1969.6	520	3.9	1.4	ND	5.8	3.2	-6.0	3.8	27.10	2.1	132
	Feb 10	1989.15	19.57	1969.58	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 10	1989.15	19.21	1969.94	550	2.9	1.3	ND	7.1	3.1	7.0	6.7	25.60	NM	273
	Oct 10	1989.15	18.67	1970.48	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Nov 10	1989.15	18.85	1970.30	360	2.4	1.0	ND	7.0	5.4	2.0	4.7	25.64	NM	104
	Mar 11	1989.15	19.41	1969.74	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 11	1989.15	19.50	1969.65	670	2.7	1.1	ND	6.9	3.5	14.0	4.9	26.58	NM	412
Sep 11	1989.15	19.19	1969.96	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Nov 11	1989.15	19.22	1969.93	540	2.5	1.1	ND	6.9	4.0	1.5	3.8	25.54	NM	-30	
MW-6	Oct 00	1988.72	17.41	1971.31	2,200	13.0	8.1	ND	NM	NM	NM	NM	NM	NM	NM
	Sep 02	1989.01	18.26	1970.75	1,000	41.0	14.0	ND	NM	NM	NM	NM	NM	nM	NM
	May 03	1989.01	18.87	1970.14	710	22.0	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Sep 03	1989.01	19.25	1969.76	1,300	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Jan 04	1989.01	19.74	1969.27	2,400	ND	ND	ND	7.0	2.3	NM	1.2	22.40	NM	NM
	May 05	1989.01	16.21	1972.8	2,090	13.0	11.0	ND	6.9	2.4	NM	2.8	25.90	NM	123
	Sep 05	1989.01	17.26	1971.75	890	13.0	23.0	ND	7.0	4.0	34.0	6.2	26.90	2.3	-119
	Dec 05	1989.01	17.88	1971.13	530	41.0	21.0	ND	6.8	4.9	220.0	1.1	26.50	3.2	163
	Mar 06	1989.01	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 06	1989.01	18.80	1970.21	1,100	ND	ND	ND	NM	4.0	707.0	6.3	26.70	2.4	172
	Oct 06	1989.01	18.73	1970.28	1,300	ND	ND	ND	6.3	3.6	7.0	4.1	26.50	2.3	61
	Dec 06	1989.01	19.18	1969.83	810	9.9	8.9	ND	6.7	4.2	96.0	4.4	26.20	2.7	239
	Mar 07	1989.01	20.40	1968.61	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 07	1989.01	20.28	1968.73	1,300	ND	ND	ND	7.1	3.5	352.0	5.6	24.90	2.2	241
	Sep 07	1989.01	19.00	1970.01	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Dec 07	1989.01	19.29	1969.72	1,500	ND	ND	ND	6.2	3.8	4.3	5.4	24.80	2.4	277
	Mar 08	1989.01	20.26	1968.75	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 08	1989.01	NM	NM	1,900	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Oct 08	1989.03	20.00	1969.03	2,000	13.0	3.9	ND	6.8	3.5	46.3	3.3	26.30	2.3	117
	Feb 09	1989.03	20.03	1969	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 09	1989.03	20.20	1968.83	2,800	14.0	4.1	ND	7.0	3.5	76.3	2.8	26.70	2.2	121
	Sep 09	1989.03	20.27	1968.76	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Nov 09	1989.03	20.66	1968.37	2,100	14.0	6.4	ND	5.9	3.1	87.0	2.5	26.30	1.9	132
	Feb 10	1989.03	20.77	1968.26	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 10	1989.03	20.38	1968.65	2,500	13.0	6.2	NS	7.0	3.0	23.2	4.1	26.32	NM	NM
	Oct 10	1989.03	19.94	1969.09	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Nov 10	1989.03	20.02	1969.01	2,300	13.0	8.2	ND	6.9	3.3	7.0	3.5	25.26	NM	86
	Mar 11	1989.03	20.49	1968.54	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
Jun 11	1989.03	20.66	1968.37	2,400	10.0	3.7	ND	7.0	3.3	8.2	3.7	26.52	NM	365	
Sep 11	1989.03	20.30	1968.73	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Nov 11	1989.03	20.30	1968.73	2,900	12	5.6	ND	7.0	3.2	22.0	3.4	25.16	2.1	113	

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Maryland Square Shopping Center

Well ID	Date	Top of Casing Elevation (feet amsl)	Depth to Groundwater (feet)	Groundwater Elevation (feet amsl)	PCE (µg/L)	TCE (µg/L)	cis-1,2-Dichloroethane (µg/L)	Vinyl Chloride (µg/L)	pH	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	TDS (g/L)	ORP (mV)
MW-7	Sep 02	1990.28	18.27	1972.01	ND	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	May 03	1990.28	16.60	1973.68	1.7	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Sep 03	1990.25	16.79	1973.46	2.0	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Jan 04	1990.25	17.32	1972.93	11	ND	ND	ND	7.0	2.2	NM	0.9	22.40	NM	NM
	May 05	1990.25	13.86	1976.39	ND	ND	ND	ND	7.1	1.8	NM	4.0	24.80	NM	129
	Sep 05	1990.25	14.97	1975.28	3.3	ND	ND	ND	7.0	4.6	140.0	6.2	26.60	3.0	144
	Dec 05	1990.25	15.45	1974.80	1.2	ND	ND	ND	6.7	5.3	5.0	1.8	23.80	3.4	472
	Mar 06	1990.25	16.41	1973.84	1.5	ND	ND	ND	4.7	6.7	428.0	NM	22.40	4.2	634
	Jun 06	1990.25	16.50	1973.75	2.2	ND	ND	ND	NM	4.1	>999	6.6	26.20	2.6	-14
	Oct 06	1990.25	16.50	1973.75	2.9	ND	ND	ND	6.2	3.7	>999	4.4	25.00	2.3	92
	Dec 06	1990.25	16.87	1973.38	2.1	ND	ND	ND	6.9	4.8	>999	5.7	25.10	3.0	65
	Mar 07	1990.25	18.19	1972.06	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 07	1990.25	18.08	1972.17	1.1	ND	ND	ND	7.1	3.6	450.0	6.3	25.10	2.2	129
	Sep 07	1990.25	16.31	1973.94	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Dec 07	1990.25	16.60	1973.65	1.3	ND	ND	ND	6.2	4.0	0.0	2.3	22.50	2.6	161
	Mar 08	1990.25	17.93	1972.32	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 08	1990.25	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Oct 08	1990.22	17.57	1972.65	2.5	ND	ND	ND	6.6	3.8	204.0	3.5	26.70	2.4	134
	Feb 09	1990.22	17.52	1972.70	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 09	1990.22	17.92	1972.30	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Sep 09	1990.22	18.13	1972.09	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Nov 09	1990.22	18.50	1971.72	7.9	ND	ND	ND	5.8	3.4	46.0	3.2	26.70	2.2	160
	Feb 10	1990.22	18.36	1971.86	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 10	1990.22	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Oct 10	1990.22	17.54	1972.68	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Nov 10	1990.22	17.65	1972.57	2.0	ND	ND	ND	6.9	3.7	230.8	4.9	26.17	NM	98
	Mar 11	1990.22	18.19	1972.03	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
Jun 11	1990.22	18.40	1971.82	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Sep 11	1990.22	18.02	1972.20	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Nov 11	1990.22	17.86	1972.36	8.9	ND	ND	ND	7.0	3.5	43.6	3.7	25.20	2.2	302	
MW-8	Sep 02	1994.25	18.55	1975.70	5.4	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	May 03	1994.25	19.50	1974.75	3.2	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Sep 03	1994.23	19.55	1974.68	3.7	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Jan 04	1994.23	19.91	1974.32	4.7	ND	ND	ND	7.0	2.2	NM	1.0	22.00	NM	NM
	May 05	1994.23	15.51	1978.72	5.6	5.6	ND	ND	7.0	1.8	NM	3.6	27.70	NM	107
	Dec 05	1994.23	18.48	1975.75	3.6	ND	ND	ND	6.7	4.2	>999	2.1	24.10	2.7	483
	Mar 06	1994.23	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 06	1994.23	18.89	1975.34	2.6	ND	ND	ND	NM	3.7	>999	6.9	27.40	2.3	185
	Oct 06	1994.23	19.12	1975.11	3.4	ND	ND	ND	6.2	3.4	>999	5.9	26.70	2.2	108
	Dec 06	1994.23	19.60	1974.63	4.3	ND	ND	ND	6.2	3.4	>999	5.9	26.70	2.2	108
	Mar 07	1994.23	20.56	1973.67	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 07	1994.23	20.31	1973.92	2.8	ND	ND	ND	7.1	3.5	259.0	7.3	27.30	2.3	287
	Sep 07	1994.23	19.14	1975.09	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Dec 07	1994.23	19.81	1974.42	2.8	ND	ND	ND	6.5	3.7	0.0	3.5	25.50	2.4	158
	Mar 08	1994.23	20.61	1973.62	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 08	1994.23	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Oct 08	1994.22	20.79	1973.43	3.7	ND	ND	ND	6.8	3.5	421.0	5.2	26.90	2.2	154
	Feb 09	1994.22	20.29	1973.93	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 09	1994.22	20.44	1973.78	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Sep 09	1994.22	20.41	1973.81	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Nov 09	1994.22	20.71	1973.51	2.8	ND	ND	ND	6.7	3.2	450.0	5.0	26.80	2.0	133
Feb 10	1994.22	20.86	1973.36	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Jun 10	1994.22	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Oct 10	1994.22	19.68	1974.54	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Nov 10	1994.22	19.94	1974.28	4	ND	ND	ND	7.0	3.5	39.5	5.3	26.65	NM	98	
Mar 11	1994.22	20.41	1973.81	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Jun 11	1994.22	20.50	1973.72	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Sep 11	1994.22	20.27	1973.95	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Nov 11	1994.22	19.62	1974.60	2.7	ND	ND	ND	7.1	3.2	117.0	5.2	26.12	2.1	274	

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 Maryland Square Shopping Center

Well ID	Date	Top of Casing Elevation (feet amsl)	Depth to Groundwater (feet)	Groundwater Elevation (feet amsl)	PCE (µg/L)	TCE (µg/L)	cis-1,2-Dichloroethane (µg/L)	Vinyl Chloride (µg/L)	pH	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	TDS (g/L)	ORP (mV)	
MW-9	Sep 02	1992.26	18.46	1973.80	670	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM	
	May 03	1992.26	19.15	1973.11	59	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM	
	Sep 03	1992.26	19.02	1973.24	9.2	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM	
	Jan 04	1992.26	19.05	1973.21	10	ND	ND	ND	7.0	2.5	NM	1.2	22.60	NM	NM	
	May 05	1992.26	15.36	1976.90	353	ND	ND	ND	7.1	2.7	296.0	7.6	26.10	NM	130	
	Sep 05	1992.26	17.85	1974.41	64	ND	ND	ND	7.2	1.8	4.0	6.6	27.10	1.2	111	
	Dec 05	1992.26	17.68	1974.58	190	ND	ND	ND	6.9	2.5	33.0	2.5	26.60	1.6	123	
	Mar 06	1992.26	18.55	1973.71	ND	ND	ND	ND	5.1	2.1	>999	NM	25.90	1.3	496	
	Jun 06	1992.26	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Oct 06	1992.26	18.40	1973.86	160	ND	ND	ND	6.3	2.4	0.0	4.1	25.70	1.5	86	
	Dec 06	1992.26	19.00	1973.26	45	ND	ND	ND	6.8	3.0	0.0	5.1	25.50	1.9	233	
	Mar 07	1992.26	20.19	1972.07	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Jun 07	1992.26	19.95	1972.31	170	ND	ND	ND	7.1	2.5	0.0	5.6	26.10	1.6	428	
	Sep 07	1992.26	18.51	1973.75	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Dec 07	1992.26	19.20	1973.06	110	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM	NM
	Mar 08	1992.26	20.16	1972.10	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Jun 08	1992.26	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Oct 08	1992.25	19.87	1972.38	12	ND	ND	ND	7.0	1.4	162.0	4.7	26.60	0.9	58	
	Feb 09	1992.25	19.76	1972.49	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Jun 09	1992.25	20.00	1972.25	13	ND	ND	ND	7.5	1.4	>-5.0	4.0	26.50	0.8	-9	
	Sep 09	1992.25	20.20	1972.05	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Nov 09	1992.25	20.45	1971.80	5.5	ND	ND	ND	7.0	1.1	-10.0	4.0	26.40	0.7	-157	
	Feb 10	1992.25	20.21	1972.04	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Jun 10	1992.25	20.10	1972.15	6.6	ND	ND	ND	7.3	1.2	12.0	5.1	27.67	NM	NM	
	Oct 10	1992.25	19.44	1972.81	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Nov 10	1992.25	19.63	1972.62	3.7	ND	ND	ND	7.1	1.2	7.0	3.5	27.31	NM	50	
Mar 11	1992.25	20.13	1972.12	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM	
Jun 11	1992.25	20.40	1971.85	2.3	ND	ND	ND	7.1	1.2	0.4	0.5	31.96	NM	286		
Sep 11	1992.25	19.99	1972.26	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM	
Nov 11	1992.25	19.91	1972.34	5.6	ND	ND	ND	7.3	1.2	10.1	2.2	24.70	0.8	265		
MW-10	Sep 02	1983.81	18.51	1965.30	ND	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM	
	May 03	1983.81	18.65	1965.16	ND	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM	
	Sep 03	1983.81	19.45	1964.36	15	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM	
	Jan 04	1983.81	20.32	1963.49	ND	ND	ND	ND	7.0	3.1	NM	1.0	24.40	NM	NM	
	May 05	1983.81	16.76	1967.05	ND	ND	ND	ND	6.8	3.2	25.0	1.5	28.10	NM	-253	
	Sep 05	1983.81	16.95	1966.86	ND	ND	ND	ND	7.0	2.9	28.0	3.9	27.90	1.9	-239	
	Dec 05	1983.81	17.64	1966.17	ND	ND	ND	ND	6.7	3.7	57.0	1.5	23.90	2.3	-140	
	Mar 06	1983.81	19.25	1964.56	ND	ND	ND	ND	5.7	1.8	153.0	NM	21.30	1.2	-154	
	Jun 06	1983.81	17.90	1965.91	ND	ND	ND	ND	NM	2.1	>999	3.5	28.10	1.5	-303	
	Oct 06	1983.81	19.00	1964.81	ND	ND	ND	ND	6.2	1.4	86.0	1.6	27.10	0.9	-272	
	Dec 06	1983.81	19.21	1964.60	1	ND	ND	ND	6.8	3.9	144.0	3.9	26.60	2.5	-321	
	Mar 07	1983.81	20.84	1962.97	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Jun 07	1983.81	21.39	1962.42	ND	ND	ND	ND	7.0	3.5	>999	2.7	27.30	2.1	-179	
	Sep 07	1983.81	20.38	1963.43	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Dec 07	1983.81	20.26	1963.55	1	ND	ND	ND	6.9	3.6	0.0	0.6	24.50	2.3	-170	
	Mar 08	1983.81	21.06	1962.75	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Jun 08	1983.81	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Oct 08	1983.78	20.45	1963.33	ND	ND	ND	ND	6.8	2.9	100.0	0.0	27.70	1.9	-226	
	Feb 09	1983.78	20.90	1962.88	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Jun 09	1983.78	21.42	1962.36	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Sep 09	1983.78	21.46	1962.32	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Nov 09	1983.78	21.67	1962.11	ND	ND	ND	ND	6.3	2.6	-10.0	0.2	27.40	1.6	-330	
	Feb 10	1983.78	22.47	1961.31	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Jun 10	1983.78	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Oct 10	1983.78	21.23	1962.55	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Nov 10	1983.78	21.10	1962.68	ND	ND	ND	ND	7.1	1.0	1.0	0.1	28.00	NM	-274	
Mar 11	1983.78	21.76	1962.02	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM	
Jun 11	1983.78	22.18	1961.60	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM	
Sep 11	1983.78	21.75	1962.03	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM	
Nov 11	1983.78	21.62	1962.16	ND	ND	ND	ND	6.9	1.3	62.8	0.2	26.91	NM	-335		

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Well ID	Date	Top of Casing Elevation (feet amsl)	Depth to Groundwater (feet)	Groundwater Elevation (feet amsl)	PCE (µg/L)	TCE (µg/L)	cis-1,2-Dichloroethane (µg/L)	Vinyl Chloride (µg/L)	pH	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	TDS (g/L)	ORP (mV)
MW-11	Sep 02	1980.24	24.22	1956.02	ND	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	May 03	1980.24	24.25	1955.99	ND	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Sep 03	1980.24	25.62	1954.62	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jan 04	1980.24	26.22	1954.02	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	May 05	1980.24	22.55	1957.69	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Mar 06	1980.24	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 06	1980.24	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Oct 06	1980.24	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Dec 06	1980.24	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Mar 07	1980.24	25.51	1954.73	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 07	1980.24	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Sep 07	1980.24	26.13	1954.11	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Dec 07	1980.24	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Mar 08	1980.24	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 08	1980.24	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Oct 08	1980.21	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Feb 09	1980.21	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 09	1980.21	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Sep 09	1980.21	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Nov 09	1980.21	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
Feb 10	1980.21	27.54	1952.67	ND	ND	ND	ND	6.7	3.3	3.0	5.0	24.30	2.1	-134	
Jun 10	1980.21	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Oct 10	1980.21	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Nov 10	1980.21	26.69	1953.52	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Mar 11	1980.21	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Jun 11	1980.21	27.36	1952.85	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Sep 11	1980.21	27.45	1952.76	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Nov 11	1980.21	27.28	1952.93	1.4	ND	ND	ND	6.9	3.3	0.8	0.2	24.72	21.3	-94	
MW-12	Sep 02	1996.59	14.90	1981.69	ND	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	May 03	1996.59	15.07	1981.52	1.3	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Sep 03	1996.59	15.30	1981.29	14	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Jan 04	1996.59	15.40	1981.19	6.1	ND	ND	ND	7.0	2.2	NM	NM	22.40	NM	NM
	May 05	1996.59	12.34	1984.25	ND	ND	ND	ND	6.8	2.6	NM	3.2	24.90	NM	219
	Sep 05	1996.59	13.45	1983.14	1.1	ND	ND	ND	7.0	4.2	160.0	5.0	25.60	2.7	95
	Dec 05	1996.59	14.20	1982.39	1.2	ND	ND	ND	6.7	5.0	210.0	2.0	22.50	3.2	523
	Mar 06	1996.59	15.00	1981.59	1.1	ND	ND	ND	NM	6.7	91.0	NM	23.50	4.2	503
	Jun 06	1996.59	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Oct 06	1996.59	14.71	1981.88	ND	ND	ND	ND	6.3	3.9	>999	3.9	26.10	2.5	112
	Dec 06	1996.59	15.05	1981.54	1.4	ND	ND	ND	6.6	4.4	>999	6.2	25.30	2.8	206
	Mar 07	1996.59	16.55	1980.04	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 07	1996.59	16.31	1980.28	ND	ND	ND	ND	7.1	3.8	>999	3.5	25.50	2.4	-39
	Sep 07	1996.59	14.27	1982.32	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Dec 07	1996.59	15.04	1981.55	ND	ND	ND	ND	6.3	3.9	286.0	2.6	24.70	2.5	207
	Mar 08	1996.59	16.51	1980.08	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 08	1996.59	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Oct 08	1996.48	15.73	1980.75	2	ND	ND	ND	6.7	3.8	366.0	0.8	26.90	2.4	119
	Feb 09	1996.48	15.61	1980.87	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 09	1996.48	16.26	1980.22	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Sep 09	1996.48	16.29	1980.19	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Nov 09	1996.48	16.76	1979.72	1.2	ND	ND	ND	6.0	3.5	370.0	1.5	27.60	2.2	54
	Feb 10	1996.48	16.92	1979.56	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 10	1996.48	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Oct 10	1996.48	15.58	1980.90	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Nov 10	1996.48	15.85	1980.63	0.76	ND	ND	ND	6.8	3.6	20.4	1.6	26.18	NM	109
	Mar 11	1996.48	16.49	1979.99	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
Jun 11	1996.48	16.66	1979.82	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Sep 11	1996.48	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Nov 11	1996.48	15.93	1980.55	0.95	ND	ND	ND	7.0	3.5	20.8	2.0	24.82	2.3	315	

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Well ID	Date	Top of Casing Elevation (feet amsl)	Depth to Groundwater (feet)	Groundwater Elevation (feet amsl)	PCE (µg/L)	TCE (µg/L)	cis-1,2-Dichloroethane (µg/L)	Vinyl Chloride (µg/L)	pH	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	TDS (g/L)	ORP (mV)
MW-13	May 03	1984.23	17.25	1966.98	2,100	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Sep 03	1984.23	17.60	1966.63	2,800	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Jan 04	1984.23	18.00	1966.23	2,700	ND	ND	ND	6.6	3.3	NM	1.1	22.20	NM	NM
	May 05	1984.23	14.76	1969.47	5,310	ND	ND	ND	7.0	2.1	>999	4.2	24.50	NM	118
	Sep 05	1984.23	15.60	1968.63	2,600	ND	ND	ND	7.1	4.0	270.0	6.9	25.40	2.5	144
	Dec 05	1984.23	16.05	1968.18	3,400	ND	ND	ND	6.7	5.0	330.0	2.2	24.90	3.2	250
	Mar 06	1984.23	17.24	1966.99	3,700	ND	ND	ND	5.5	3.6	44.0	NM	22.80	2.3	68
	Jun 06	1984.23	17.40	1966.83	2,900	NS	NS	NS	NM	3.7	425.0	7.1	24.20	2.4	120
	Oct 06	1984.23	17.15	1967.08	2,800	ND	ND	ND	6.2	3.6	50.0	3.8	24.60	2.3	169
	Dec 06	1984.23	17.47	1966.76	3,200	ND	ND	ND	6.8	4.3	94.0	4.2	24.50	2.7	330
	Mar 07	1984.23	18.58	1965.65	2,500	ND	ND	ND	6.9	3.5	308.0	9.5	24.00	2.3	514
	Jun 07	1984.23	18.66	1965.57	3,700	ND	ND	ND	7.0	3.5	0.0	6.1	23.60	2.2	411
	Sep 07	1984.23	17.41	1966.82	2,000	ND	ND	ND	6.7	3.3	3.0	4.7	27.70	2.1	228
	Dec 07	1984.23	17.50	1966.73	2,500	ND	ND	ND	6.4	3.7	19.7	6.5	21.30	2.4	282
	Mar 08	1984.23	18.31	1965.92	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 08	1984.23	NM	NM	2,300	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Oct 08	1984.18	18.25	1965.93	2,600	5.3	ND	ND	6.8	3.5	50.3	3.1	24.80	2.2	87
	Feb 09	1984.18	18.28	1965.90	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 09	1984.18	18.41	1965.77	2,200	2.9	ND	ND	7.0	3.8	15.7	3.0	24.40	2.4	120
	Sep 09	1984.18	18.63	1965.55	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Nov 09	1984.18	19.05	1965.13	1,700	3.7	ND	ND	6.0	3.4	0.0	2.0	25.20	2.1	135
	Feb 10	1984.18	19.22	1964.96	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 10	1984.18	18.72	1965.46	1,600	3.2	ND	ND	7.0	3.2	5.2	2.9	25.27	NM	NM
Oct 10	1984.18	18.44	1965.74	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Nov 10	1984.18	18.45	1965.73	1,900	3.9	ND	ND	6.9	3.5	2.0	2.3	23.79	NM	90	
Mar 11	1984.18	18.75	1965.43	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Jun 11	1984.18	19.15	1965.03	1,600	3.2	ND	ND	7.1	3.5	4.0	2.7	24.74	NM	284	
Sep 11	1984.18	18.64	1965.54	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Nov 11	1984.18	18.67	1965.51	1,700	2.4	ND	ND	6.9	3.7	3.3	1.6	23.97	2.4	113	
MW-14	Nov 03	NM	NM	NM	1,900	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Jan 04	1987.89	18.35	1969.54	2,100	ND	ND	ND	7.0	2.3	NM	1.3	22.30	NM	NM
	May 05	1987.89	15.02	1972.87	2,920	5.5	ND	ND	7.0	3.2	NM	NM	24.70	NM	140
	Dec 05	1987.89	16.50	1971.39	3,400	ND	ND	ND	6.8	5.3	>999	2.1	26.10	3.3	206
	Mar 06	1987.89	17.54	1970.35	2,500	ND	ND	ND	5.2	6.8	898.0	NM	24.20	4.3	234
	Jun 06	1987.89	17.61	1970.28	1,800	NS	NS	NS	NM	3.9	>999	6.8	25.40	2.5	119
	Oct 06	1987.89	17.42	1970.47	1,900	ND	ND	ND	6.1	3.6	>999	7.0	24.80	2.3	297
	Dec 06	1987.89	17.78	1970.11	3,500	ND	ND	ND	6.8	4.5	350.0	4.2	25.70	2.9	226
	Mar 07	1987.89	18.93	1968.96	1,900	ND	ND	ND	6.8	3.7	455.0	8.1	25.10	2.4	501
	Jun 07	1987.89	18.80	1969.09	1,700	ND	ND	ND	7.0	3.7	259.0	6.4	24.80	2.4	299
	Sep 07	1987.89	17.40	1970.49	650	ND	ND	ND	6.8	3.5	103.0	4.2	32.20	2.2	220
	Dec 07	1987.89	17.66	1970.23	1,500	ND	ND	ND	6.4	4.0	9.7	5.7	23.30	2.6	147
	Mar 08	1987.89	18.63	1969.26	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 08	1987.89	NM	NM	1,500	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Oct 08	1987.86	18.60	1969.26	1,500	2.9	ND	ND	6.8	3.7	249.0	3.1	25.70	2.4	116
	Feb 09	1987.86	18.47	1969.39	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 09	1987.86	18.63	1969.23	1,900	4.4	ND	ND	7.0	4.0	>-5.0	2.9	25.60	2.5	118
	Sep 09	1987.86	18.88	1968.98	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Nov 09	1987.86	19.20	1968.66	1,200	2.1	ND	ND	5.6	3.6	300.0	1.8	26.20	2.3	132
	Feb 10	1987.86	19.26	1968.60	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 10	1987.86	18.88	1968.98	1,500	2.4	ND	ND	7.0	3.3	84.2	3.6	25.49	NM	NM
	Oct 10	1987.86	18.50	1969.36	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Nov 10	1987.86	18.56	1969.30	1,500	2.6	ND	ND	6.9	3.6	25.8	2.9	25.07	NM	101
Mar 11	1987.86	18.97	1968.89	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Jun 11	1987.86	19.15	1968.71	1,700	2.0	ND	ND	7.3	3.6	11.4	3.2	25.78	NM	259	
Sep 11	1987.86	18.74	1969.12	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Nov 11	1987.86	18.72	1969.14	1,700	2.5	ND	ND	7.0	3.5	85.9	2.6	25.40	2.3	111	

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Well ID	Date	Top of Casing Elevation (feet amsl)	Depth to Groundwater (feet)	Groundwater Elevation (feet amsl)	PCE (µg/L)	TCE (µg/L)	cis-1,2-Dichloroethane (µg/L)	Vinyl Chloride (µg/L)	pH	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	TDS (g/L)	ORP (mV)	
MW-15	Nov 03	NM	NM	NM	5.2	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM	
	Jan 04	1983.28	15.60	1967.68	2.7	ND	ND	ND	6.4	2.2	NM	1.0	22.40	NM	NM	
	May 05	1983.28	12.59	1970.69	ND	ND	ND	ND	7.0	2.3	NM	2.9	25.10	NM	164	
	Sep 05	1983.28	13.45	1969.83	3.6	ND	ND	ND	7.0	3.6	36.0	3.5	25.80	2.3	-24	
	Dec 05	1983.28	13.77	1969.51	5	ND	ND	ND	6.6	4.5	140.0	1.0	25.90	2.8	-38	
	Mar 06	1983.28	15.00	1968.28	4.5	ND	ND	ND	4.7	6.4	20.0	NM	23.90	4.0	613	
	Jun 06	1983.28	15.15	1968.13	4.4	NS	NS	NS	NM	3.8	300.0	4.3	26.00	2.5	106	
	Oct 06	1983.28	14.91	1968.37	3.3	ND	ND	ND	6.2	3.7	10.0	2.0	25.70	2.3	51	
	Dec 06	1983.28	15.17	1968.11	3.7	ND	ND	ND	6.8	4.7	15.0	3.4	25.90	3.0	28	
	Mar 07	1983.28	16.31	1966.97	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Jun 07	1983.28	16.16	1967.12	3	ND	ND	ND	7.0	3.6	37.0	3.1	25.30	2.3	362	
	Sep 07	1983.28	14.80	1968.48	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Dec 07	1983.28	14.71	1968.57	3	ND	ND	ND	6.4	3.7	0.0	1.9	23.30	2.3	170	
	Mar 08	1983.28	16.62	1966.66	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Jun 08	1983.28	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Oct 08	1983.25	15.80	1967.45	7.8	ND	ND	ND	6.8	3.6	132.0	2.1	27.00	2.3	112	
	Feb 09	1983.25	15.76	1967.49	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Jun 09	1983.25	15.89	1967.36	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Sep 09	1983.25	16.34	1966.91	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Nov 09	1983.25	16.68	1966.57	3	ND	ND	ND	5.8	3.2	44.0	1.8	26.60	2.1	34	
	Feb 10	1983.25	16.81	1966.44	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Jun 10	1983.25	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
Oct 10	1983.25	16.10	1967.15	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM	
Nov 10	1983.25	16.08	1967.17	2.5	ND	ND	ND	6.8	3.4	7.6	2.3	27.60	NM	154		
Mar 11	1983.25	16.29	1966.96	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM	
Jun 11	1983.25	16.64	1966.61	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM	
Sep 11	1983.25	16.18	1967.07	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM	
Nov 11	1983.25	16.12	1967.13	3.5	ND	ND	ND	6.8	4.0	25.4	2.1	26.75	NM	-42		
MW-16	Nov 03	NM	NM	NM	ND	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM	
	Jan 04	1980.63	26.22	1954.41	ND	ND	ND	ND	7.0	2.3	NM	0.7	22.40	NM	NM	
	May 05	1980.63	23.41	1957.22	ND	ND	ND	ND	7.1	2.9	NM	1.1	25.20	NM	-4	
	Sep 05	1980.63	24.12	1956.51	ND	ND	ND	ND	7.0	3.4	520.0	3.5	24.60	2.3	-31	
	Dec 05	1980.63	24.21	1956.42	ND	ND	ND	ND	6.7	3.8	>999	1.3	25.30	2.4	48	
	Mar 06	1980.63	25.06	1955.57	ND	ND	ND	ND	5.2	5.7	199.0	NM	23.80	3.6	162	
	Jun 06	1980.63	26.05	1954.58	ND	ND	ND	ND	NM	3.4	>999	5.6	27.10	2.2	-64	
	Oct 06	1980.63	25.67	1954.96	ND	ND	ND	ND	6.3	3.4	32.0	2.0	24.60	2.2	-145	
	Dec 06	1980.63	25.56	1955.07	ND	ND	ND	ND	6.5	3.6	271.0	2.9	24.40	1.3	-52	
	Mar 07	1980.63	26.33	1954.30	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Jun 07	1980.63	27.28	1953.35	ND	ND	ND	ND	6.7	3.3	282.0	2.2	25.00	2.1	94	
	Sep 07	1980.63	27.03	1953.60	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Dec 07	1980.63	26.46	1954.17	ND	ND	ND	ND	6.5	3.4	0.0	1.9	24.90	2.2	82	
	Mar 08	1980.63	26.33	1954.30	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Jun 08	1980.63	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Oct 08	1980.61	27.19	1953.42	ND	2.8	ND	ND	6.9	3.2	68.0	0.0	24.90	2.1	38	
	Feb 09	1980.61	26.52	1954.09	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Jun 09	1980.61	27.30	1953.31	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Sep 09	1980.61	27.86	1952.75	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Nov 09	1980.61	27.99	1952.62	1.9	ND	ND	ND	5.7	3.0	100.0	0.4	26.00	1.9	-96	
	Feb 09	1980.61	28.43	1952.18	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Jun 10	1980.61	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
Oct 10	1980.61	27.95	1952.66	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM	
Nov 10	1980.61	27.68	1952.93	ND	ND	ND	ND	6.6	3.1	2.5	0.2	26.52	NM	140		
Mar 11	1980.61	27.49	1953.12	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM	
Jun 11	1980.61	28.22	1952.39	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM	
Sep 11	1980.61	28.36	1952.25	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM	
Nov 11	1980.61	28.17	1952.44	ND	ND	ND	ND	6.9	3.5	0.6	0.2	24.40	NM	-74		

Table A-1
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Well ID	Date	Top of Casing Elevation (feet amsl)	Depth to Groundwater (feet)	Groundwater Elevation (feet amsl)	PCE (µg/L)	TCE (µg/L)	cis-1,2-Dichloroethane (µg/L)	Vinyl Chloride (µg/L)	pH	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	TDS (g/L)	ORP (mV)	
MW-17	May 05	1990.92	15.07	1975.85	520	ND	ND	ND	6.9	3.5	22.0	5.9	24.10	NM	181	
	Dec 05	1990.92	17.05	1973.87	470	ND	ND	ND	6.9	4.7	6.0	2.3	26.80	3.0	240	
	Mar 06	1990.92	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
	Jun 06	1990.92	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
	Oct 06	1990.92	17.91	1973.01	1,300	ND	ND	ND	6.2	3.5	2.0	7.4	24.90	2.2	174	
	Dec 06	1990.92	18.41	1972.51	710	ND	ND	ND	6.9	4.1	25.0	6.8	24.10	2.7	386	
	Mar 07	1990.92	19.63	1971.29	440	ND	ND	ND	7.0	3.6	87.0	8.1	24.30	2.3	350	
	Jun 07	1990.92	19.48	1971.44	300	ND	ND	ND	7.0	3.7	37.0	7.3	25.00	2.3	471	
	Sep 07	1990.92	17.91	1973.01	380	ND	ND	ND	6.7	3.4	0.0	5.0	26.70	2.2	197	
	Dec 07	1990.92	18.45	1972.47	480	ND	ND	ND	6.3	3.9	0.0	4.8	19.70	2.5	176	
	Mar 08	1990.92	19.51	1971.41	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
	Jun 08	1990.92	NM	NM	360	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM	NM
	Oct 08	1990.89	18.84	1972.05	290	ND	ND	ND	6.8	3.7	-3.1	4.1	25.00	2.4	136	
	Feb 09	1990.89	19.12	1971.77	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Jun 09	1990.89	19.44	1971.45	270	ND	ND	ND	5.6	3.8	0.0	1.3	25.00	2.4	170	
	Sep 09	1990.89	19.58	1971.31	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Nov 09	1990.89	19.95	1970.94	310	ND	ND	ND	6.6	3.5	-10.0	3.0	25.20	2.2	131	
	Feb 10	1990.89	19.71	1971.18	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Jun 10	1990.89	19.62	1971.27	270	ND	ND	ND	7.0	2.9	-0.7	3.1	25.10	NM	NM	NM
	Oct 10	1990.89	19.10	1971.79	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
Nov 10	1990.89	19.14	1971.75	240	ND	ND	ND	6.6	3.7	1.3	1.8	26.48	NM	207	NM	
Mar 11	1990.89	19.65	1971.24	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM	
Jun 11	1990.89	19.85	1971.04	350	ND	ND	ND	6.7	3.7	0.5	1.7	25.89	NM	399	NM	
Sep 11	1990.89	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM	
Nov 11	1990.89	19.45	1971.44	350	ND	ND	ND	7.0	3.5	5.7	2.7	24.09	2.6	274	NM	
MW-18	May 05	1962.87	8.71	1954.16	1,600	ND	ND	ND	7.1	3.9	>999	5.6	24.30	NM	139	
	Sep 05	1962.87	9.69	1953.18	1,700	ND	ND	ND	7.1	4.1	3.0	6.2	26.30	2.6	88	
	Dec 05	1962.87	9.70	1953.17	2,400	ND	ND	ND	6.8	4.7	NM	2.0	25.20	3.0	420	
	Mar 06	1962.87	10.21	1952.66	1,700	NS	NS	NS	5.2	6.2	3.0	NM	23.30	3.9	237	
	Jun 06	1962.87	11.64	1951.23	1,600	NS	NS	NS	NM	3.6	304.0	6.2	25.40	2.3	166	
	Oct 06	1962.87	11.21	1951.66	2,100	ND	ND	ND	6.3	3.5	0.0	4.1	25.50	2.2	127	
	Dec 06	1962.87	10.98	1951.89	1,400	ND	ND	ND	6.8	4.2	0.0	4.3	24.70	2.7	297	
	Mar 07	1962.87	11.36	1951.51	1,400	ND	ND	ND	7.0	3.4	23.0	7.5	22.80	2.2	286	
	Jun 07	1962.87	12.53	1950.34	1,300	ND	ND	ND	7.0	3.5	24.0	5.5	23.90	2.2	394	
	Sep 07	1962.87	12.45	1950.42	930	ND	ND	ND	6.8	3.3	22.0	5.4	29.30	2.1	210	
	Dec 07	1962.87	11.54	1951.33	1,400	ND	ND	ND	6.3	3.6	0.0	5.8	21.60	2.3	232	
	Mar 08	1962.87	11.15	1951.72	1,800	ND	ND	ND	6.9	3.5	0.2	4.3	21.20	2.2	212	
	Jun 08	1962.87	NM	NM	1,200	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM	NM
	Oct 08	1962.86	11.96	1950.90	950	3.7	ND	ND	5.5	3.5	14.3	7.8	25.50	2.2	196	
	Feb 09	1962.86	11.48	1951.38	1,500	5.2	ND	ND	6.7	3.3	0.0	3.8	22.70	2.1	90	
	Jun 09	1962.86	12.36	1950.50	3,500	5.1	ND	ND	7.3	3.5	20.2	3.5	23.90	2.3	131	
	Sep 09	1962.86	13.24	1949.62	1,200	ND	ND	ND	6.6	3.9	18.9	4.3	28.00	2.5	136	
	Nov 09	1962.86	13.27	1949.59	1,400	4.1	ND	ND	5.9	3.3	40.0	3.6	25.80	2.1	132	
	Feb 10	1962.86	13.37	1949.49	1,600	4.8	ND	ND	6.9	3.3	9.0	4.0	23.30	2.1	134	
	Jun 10	1962.86	12.90	1949.96	1,100	3.5	ND	ND	7.1	3.1	-0.9	8.0	25.10	NM	NM	NM
Oct 10	1962.86	13.43	1949.43	1,300	3.4	ND	ND	6.7	3.3	-0.7	4.4	26.19	2.2	528		
Nov 10	1962.86	13.20	1949.66	1,200	3.8	ND	ND	6.8	3.3	0.2	4.0	25.79	NM	192	NM	
Mar 11	1962.86	12.43	1950.43	1,000	2.7	ND	ND	7.5	3.4	25.7	7.8	22.14	NM	118	NM	
Jun 11	1962.86	13.32	1949.54	1,300	2.9	ND	ND	7.4	3.4	0.7	4.4	24.99	NM	234	NM	
Sep 11	1962.86	13.61	1949.25	1,300	3.2	ND	ND	7.0	3.4	39.0	6.2	26.60	2.2	276	NM	
Nov 11	1962.86	13.39	1949.47	1,100	3.3	ND	ND	7.0	3.2	1.3	4.0	24.97	2.1	178	NM	

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 Historical Groundwater Gauging and Analytical Data
 Maryland Square Shopping Center

Well ID	Date	Top of Casing Elevation (feet amsl)	Depth to Groundwater (feet)	Groundwater Elevation (feet amsl)	PCE (µg/L)	TCE (µg/L)	cis-1,2-Dichloroethane (µg/L)	Vinyl Chloride (µg/L)	pH	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	TDS (g/L)	ORP (mV)
MW-19	Nov 03	NM	NM	NM	1,100	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Jan 04	1980.26	25.65	1954.61	1,200	ND	ND	ND	7.0	1.9	NM	1.0	22.40	NM	NM
	May 05	1980.26	22.70	1957.56	873	ND	ND	ND	7.1	1.9	NM	5.8	25.00	NM	130
	Dec 05	1980.26	23.65	1956.61	1,300	ND	ND	ND	6.6	4.7	NM	2.0	24.70	3.0	388
	Mar 06	1980.26	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 06	1980.26	25.55	1954.71	910	ND	ND	ND	NM	3.7	>999	7.9	27.10	2.4	86
	Oct 06	1980.26	25.23	1955.03	840	ND	ND	ND	6.1	3.7	>999	4.6	23.90	2.4	175
	Dec 06	1980.26	25.01	1955.25	1,200	ND	ND	ND	6.8	4.4	>999	5.7	23.90	2.8	595
	Mar 07	1980.26	25.77	1954.49	890	ND	ND	ND	6.9	3.7	>999	9.1	24.30	2.3	284
	Jun 07	1980.26	26.84	1953.42	870	ND	ND	ND	7.1	3.5	>999	6.7	24.50	2.3	551
	Sep 07	1980.26	26.41	1953.85	510	ND	ND	ND	6.8	3.4	352.0	5.1	27.40	2.2	201
	Dec 07	1980.26	25.52	1954.74	990	ND	ND	ND	6.4	3.8	440.0	5.6	24.30	2.4	150
	Mar 08	1980.26	25.35	1954.91	1,200	NS	NS	NS	7.0	3.7	7.6	5.2	24.80	2.3	190
	Jun 08	1980.26	NM	NM	930	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Oct 08	1980.24	26.19	1954.05	1,300	5.7	ND	ND	6.9	3.5	18.0	4.1	24.40	2.2	135
	Feb 09	1980.24	25.76	1954.48	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 09	1980.24	26.59	1953.65	1,400	6.1	ND	ND	7.0	3.6	178.0	4.5	25.80	2.3	125
	Sep 09	1980.24	27.34	1952.90	880	ND	ND	ND	6.4	3.9	999.0	4.7	26.60	2.5	157
	Nov 09	1980.24	27.42	1952.82	580	3.7	ND	ND	5.9	3.4	>990	2.7	25.50	2.2	131
	Feb 10	1980.24	27.78	1952.46	990	5.5	ND	ND	6.9	3.2	120.0	4.8	23.70	2.1	135
	Jun 10	1980.24	27.08	1953.16	930	4.2	ND	ND	7.0	3.0	2.7	5.0	25.41	NM	NM
Oct 10	1980.24	27.50	1952.74	420	3.2	ND	ND	7.1	3.2	15.3	5.2	25.28	2.1	394	
Nov 10	1980.24	27.24	1953.00	840	4.1	ND	ND	7.1	3.3	15.5	5.0	25.25	NM	241	
Mar 11	1980.24	26.73	1953.51	880	3.7	ND	ND	6.9	3.4	71.3	5.4	24.59	NM	258	
Jun 11	1980.24	27.55	1952.69	1,000	3.5	ND	ND	7.4	3.3	20.5	5.0	26.19	NM	190	
Sep 11	1980.24	27.68	1952.56	950	3.6	ND	ND	7.0	3.4	570.0	6.5	26.90	2.2	250	
Nov 11	1980.24	27.50	1952.74	1,100	4.2	ND	ND	7.1	3.1	35.4	4.6	23.94	2.0	131	
MW-20	Nov 03	NM	NM	NM	1,800	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Jan 04	1979.99	25.50	1954.49	290	2.8	ND	ND	6.9	2.1	NM	1.1	22.60	NM	NM
	May 05	1979.99	22.58	1957.41	1,460	ND	ND	ND	7.2	1.3	NM	5.0	23.60	NM	131
	Dec 05	1979.99	23.55	1956.44	1,800	ND	ND	ND	6.8	4.4	NM	0.8	20.50	2.8	272
	Mar 06	1979.99	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 06	1979.99	25.48	1954.51	2,100	ND	ND	ND	NM	3.8	736.0	6.9	28.60	2.1	70
	Oct 06	1979.99	25.04	1954.95	2,000	ND	ND	ND	6.1	2.6	>999	4.1	23.70	1.8	234
	Dec 06	1979.99	24.85	1955.14	2,500	ND	ND	ND	6.8	4.1	284.0	4.3	23.90	2.6	245
	Mar 07	1979.99	26.63	1953.36	1,500	ND	ND	ND	6.9	3.3	999.0	9.8	23.80	2.2	530
	Jun 07	1979.99	26.76	1953.23	1,300	ND	ND	ND	7.0	3.5	>999	5.4	23.80	2.2	346
	Sep 07	1979.99	26.30	1953.69	730	ND	ND	ND	6.8	3.3	248.0	4.4	32.50	2.1	207
	Dec 07	1979.99	25.38	1954.61	1,400	ND	ND	ND	6.3	3.8	24.6	5.4	21.90	2.4	180
	Mar 08	1979.99	25.12	1954.87	1,600	NS	NS	NS	6.9	3.5	33.0	4.0	23.60	2.3	184
	Jun 08	1979.99	NM	NM	1,200	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Oct 08	1979.95	26.05	1953.90	1,000	3.5	ND	ND	7.3	3.5	-5.0	2.3	25.20	NM	181
	Feb 09	1979.95	25.57	1954.38	830	ND	ND	ND	6.6	3.5	247.0	2.5	23.40	2.2	99
	Jun 09	1979.95	26.45	1953.50	1,100	3.3	ND	ND	6.9	3.7	>-5.0	2.2	23.90	2.3	140
	Sep 09	1979.95	27.21	1952.74	940	ND	ND	ND	6.5	4.1	386.0	2.5	25.70	2.6	146
	Nov 09	1979.95	27.30	1952.65	640	2.2	ND	ND	5.8	3.4	380.0	1.9	25.30	2.2	142
	Feb 10	1979.95	27.54	1952.41	990	3.3	ND	ND	6.9	3.3	38.0	2.5	24.30	2.0	130
	Jun 10	1979.95	27.86	1952.09	780	2.4	ND	ND	7.0	3.2	1.4	3.5	24.59	NM	NM
Oct 10	1979.95	27.35	1952.60	340	1.8	ND	ND	6.4	3.3	39.3	2.9	26.58	2.2	519	
Nov 10	1979.95	27.12	1952.83	890	2.6	ND	ND	6.6	3.4	0.9	3.0	25.50	NM	194	
Mar 11	1979.95	26.59	1953.36	800	2.3	ND	ND	6.9	3.5	49.7	3.4	25.69	NM	237	
Jun 11	1979.95	27.40	1952.55	740	1.9	ND	ND	6.8	3.5	3.1	3.5	31.92	NM	452	
Sep 11	1979.95	27.56	1952.39	680	1.8	ND	ND	6.9	3.6	20.0	3.4	26.50	2.2	182	
Nov 11	1979.95	27.35	1952.60	800	1.9	ND	ND	7.0	3.3	25.9	2.8	24.35	2.2	131	

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Maryland Square Shopping Center

Well ID	Date	Top of Casing Elevation (feet amsl)	Depth to Groundwater (feet)	Groundwater Elevation (feet amsl)	PCE (µg/L)	TCE (µg/L)	cis-1,2-Dichloroethane (µg/L)	Vinyl Chloride (µg/L)	pH	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	TDS (g/L)	ORP (mV)	
MW-21	Nov 03	NM	NM	NM	51	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM	
	Jan 04	1979.56	24.72	1954.84	55	ND	ND	ND	6.9	2.0	NM	1.1	22.30	NM	NM	
	May 05	1979.56	21.76	1957.80	30	ND	ND	ND	7.1	2.8	NM	2.9	24.60	NM	131	
	Sep 05	1979.56	22.70	1956.86	19	2.4	1.5	ND	7.1	4.7	39.0	4.1	25.80	2.6	109	
	Dec 05	1979.56	22.85	1956.71	16	1.8	1.3	ND	6.6	4.6	>999	0.5	24.30	2.9	264	
	Mar 06	1979.56	23.46	1956.10	43	ND	ND	ND	5.5	3.6	140.0	NM	23.00	2.3	309	
	Jun 06	1979.56	24.68	1954.88	32	ND	ND	ND	NM	3.5	>999	4.7	28.50	2.3	112	
	Oct 06	1979.56	24.35	1955.21	23	ND	ND	ND	6.2	3.5	>999	2.0	24.10	2.2	79	
	Dec 06	1979.56	24.15	1955.41	39	ND	ND	ND	6.7	4.5	617.0	2.7	24.00	2.9	89	
	Mar 07	1979.56	24.87	1954.69	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Jun 07	1979.56	25.95	1953.61	28	ND	ND	ND	7.0	3.4	>999	4.2	24.20	2.2	373	
	Sep 07	1979.56	25.44	1954.12	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Dec 07	1979.56	24.34	1955.22	83	ND	ND	ND	6.2	3.7	>999	4.4	19.30	2.4	117	
	Mar 08	1979.56	24.19	1955.37	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Jun 08	1979.56	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Oct 08	1979.54	24.80	1954.74	20	ND	ND	ND	7.2	3.4	545.0	0.0	24.50	NM	173	
	Feb 09	1979.54	24.73	1954.81	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Jun 09	1979.54	25.53	1954.01	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Sep 09	1979.54	26.39	1953.15	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Nov 09	1979.54	26.40	1953.14	11	ND	ND	ND	6.0	3.4	90.0	0.9	24.90	2.2	119	
	Feb 10	1979.54	26.14	1953.40	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
Jun 10	1979.54	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM	
Oct 10	1979.54	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM	
Nov 10	1979.54	26.32	1953.22	13	ND	ND	ND	6.6	3.5	2.6	0.3	25.18	NM	202		
Mar 11	1979.54	25.68	1953.86	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM	
Jun 11	1979.54	26.57	1952.97	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM	
Sep 11	1979.54	26.67	1952.87	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM	
Nov 11	1979.54	26.47	1953.07	13	ND	ND	ND	6.8	4.0	13.8	0.2	24.75	NM	-38		
MW-22	May 05	1974.76	23.04	1951.72	ND	ND	ND	ND	6.8	3.9	474.0	1.7	24.10	NM	46	
	Sep 05	1974.76	24.18	1950.58	ND	ND	ND	ND	6.9	4.3	10.0	7.2	23.90	2.7	46	
	Dec 05	1974.76	24.30	1950.46	1	ND	ND	ND	6.4	4.2	NM	1.3	24.60	2.7	213	
	Mar 06	1974.76	24.68	1950.08	ND	ND	ND	ND	4.8	6.1	30.0	NM	24.00	3.8	269	
	Jun 06	1974.76	25.91	1948.85	ND	ND	ND	ND	NM	3.4	287.0	6.0	26.40	2.2	376	
	Oct 06	1974.76	25.79	1948.97	ND	ND	ND	ND	6.0	3.7	11.0	2.4	23.80	2.4	141	
	Dec 06	1974.76	25.49	1949.27	ND	ND	ND	ND	6.5	4.5	0.0	3.5	23.50	2.9	477	
	Mar 07	1974.76	24.73	1950.03	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Jun 07	1974.76	26.91	1947.85	ND	ND	ND	ND	6.7	3.8	26.0	3.4	24.30	2.4	137	
	Sep 07	1974.76	26.90	1947.86	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Dec 07	1974.76	25.88	1948.88	ND	ND	ND	ND	6.3	4.0	55.6	2.3	23.80	2.5	216	
	Mar 08	1974.76	25.17	1949.59	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Jun 08	1974.76	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Oct 08	1974.75	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Feb 09	1974.75	25.60	1949.15	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Jun 09	1974.75	26.59	1948.16	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Sep 09	1974.75	27.58	1947.17	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Nov 09	1974.75	27.38	1947.37	1.4	ND	ND	ND	6.0	3.6	31.0	1.4	24.50	2.3	131	
	Feb 10	1974.75	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Jun 10	1974.75	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
	Oct 10	1974.75	27.82	1946.93	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM
Nov 10	1974.75	27.55	1947.20	ND	ND	ND	ND	6.7	3.7	0.1	1.6	24.30	NM	129		
Mar 11	1974.75	26.58	1948.17	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM	
Jun 11	1974.75	27.45	1947.30	NS	NS	NS	NS	7.2	3.4	50.2	5.2	24.89	NM	266		
Sep 11	1974.75	27.87	1946.88	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM	
Nov 11	1974.75	27.57	1947.18	0.55	ND	ND	ND	6.9	3.6	5.6	1.6	23.70	2.3	88		

Table A-1
Historical Groundwater Gauging and Analytical Data
Maryland Square Shopping Center

Well ID	Date	Top of Casing Elevation (feet amsl)	Depth to Groundwater (feet)	Groundwater Elevation (feet amsl)	PCE (µg/L)	TCE (µg/L)	cis-1,2-Dichloroethane (µg/L)	Vinyl Chloride (µg/L)	pH	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	TDS (g/L)	ORP (mV)
MW-23	May 05	1962.32	13.06	1949.26	1,430	ND	ND	ND	7.0	3.6	NM	2.6	24.50	NM	121
	Dec 05	1962.32	14.05	1948.27	1,900	ND	ND	ND	6.7	4.9	NM	2.1	24.90	3.1	320
	Mar 06	1962.32	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 06	1962.32	15.60	1946.72	1,500	ND	ND	ND	NM	3.7	318.0	5.8	23.80	2.3	238
	Oct 06	1962.32	15.48	1946.84	2,000	ND	ND	ND	6.3	3.5	0.0	2.5	24.00	2.2	107
	Dec 06	1962.32	15.16	1947.16	2,100	ND	ND	ND	6.8	4.2	0.0	3.2	24.20	2.7	2
	Mar 07	1962.32	15.12	1947.20	2.1	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Jun 07	1962.32	16.40	1945.92	1,300	ND	ND	ND	7.0	3.5	31.0	4.2	23.50	2.2	301
	Sep 07	1962.32	16.61	1945.71	750	ND	ND	ND	6.8	3.3	1.0	3.8	25.80	2.1	204
	Dec 07	1962.32	15.80	1946.52	1,200	ND	ND	ND	6.3	3.7	0.0	5.5	22.10	2.4	250
	Mar 08	1962.32	15.18	1947.14	1,400	ND	ND	ND	7.0	6.3	0.4	2.2	24.00	4.1	188
	Jun 08	1962.32	NM	NM	1,100	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Oct 08	1962.29	16.34	1945.95	1,300	4.4	ND	ND	6.7	3.5	18.3	2.0	23.40	2.3	170
	Feb 09	1962.29	15.41	1946.88	1,100	ND	ND	ND	6.7	3.4	0.0	1.1	23.00	2.2	82
	Jun 09	1962.29	16.40	1945.89	1,400	4.6	ND	ND	7.2	3.6	7.1	0.6	23.80	2.3	124
	Sep 09	1962.29	17.30	1944.99	1,200	ND	ND	ND	6.6	4.0	24.5	2.0	25.40	2.5	133
	Nov 09	1962.29	17.31	1944.98	880	3.2	ND	ND	5.9	3.3	51.0	2.0	24.80	2.1	139
	Feb 10	1962.29	17.18	1945.11	1,000	3.8	ND	ND	6.8	3.4	9.0	1.8	23.70	2.2	135
	Jun 10	1962.29	16.93	1945.36	900	2.6	ND	ND	7.0	3.2	3.8	4.2	26.24	NM	NM
	Oct 10	1962.29	17.53	1944.76	1,100	2.6	ND	ND	5.7	3.4	-0.1	2.2	23.60	2.2	610
Nov 10	1962.29	17.30	1944.99	970	2.7	ND	ND	7.0	3.4	0.1	2.5	22.72	NM	76	
Mar 11	1962.29	16.30	1945.99	1,100	2.5	ND	ND	6.9	3.6	2.9	1.9	23.42	NM	202	
Jun 11	1962.29	17.22	1945.07	970	2.3	ND	ND	NM	NM	NM	NM	NM	NM	NM	
Sep 11	1962.29	17.67	1944.62	1,000	2.4	ND	ND	6.9	3.5	8.0	3.0	24.50	2.2	229	
Nov 11	1962.29	17.41	1944.88	1,100	2.4	ND	ND	7.0	3.3	0.8	2.3	23.58	2.1	170	
MW-24	May 05	1960.74	10.72	1950.02	ND	ND	ND	ND	7.0	3.6	>999	1.5	23.10	NM	76
	Sep 05	1960.74	11.75	1948.99	4.3	ND	ND	ND	7.0	3.8	25.0	3.6	25.80	2.4	5
	Dec 05	1960.74	11.65	1949.09	6.7	ND	ND	ND	6.6	4.5	29.0	1.0	25.60	2.7	183
	Mar 06	1960.74	12.10	1948.64	6.5	ND	ND	ND	4.7	6.0	1.0	NM	22.60	3.8	503
	Jun 06	1960.74	13.16	1947.58	5.6	ND	ND	ND	NM	3.4	201.0	5.1	25.10	2.2	132
	Oct 06	1960.74	13.06	1947.68	2.6	ND	ND	ND	6.2	3.2	0.0	1.2	25.50	2.0	-23
	Dec 06	1960.74	12.80	1947.94	2.6	ND	ND	ND	6.9	4.1	0.0	2.6	25.10	2.6	62
	Mar 07	1960.74	12.88	1947.86	1	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Jun 07	1960.74	13.94	1946.80	ND	ND	ND	ND	7.1	3.3	23.0	2.5	23.20	2.1	409
	Sep 07	1960.74	14.24	1946.50	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Dec 07	1960.74	13.58	1947.16	NS	NS	NS	NS	6.2	3.5	0.0	1.7	24.40	2.2	118
	Mar 08	1960.74	12.98	1947.76	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 08	1960.74	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Oct 08	1960.73	14.03	1946.70	6.1	ND	ND	ND	6.8	3.4	-2.3	1.1	25.20	2.1	152
	Feb 09	1960.73	13.20	1947.53	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 09	1960.73	14.10	1946.63	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Sep 09	1960.73	14.93	1945.80	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Nov 09	1960.73	14.99	1945.74	2.9	ND	ND	ND	5.9	3.1	45.0	1.4	26.50	1.9	130
	Feb 10	1960.73	14.23	1946.50	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
	Jun 10	1960.73	NM	NM	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
Oct 10	1960.73	15.16	1945.57	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Nov 10	1960.73	14.90	1945.83	0.81	ND	ND	ND	7.0	3.2	-0.8	1.4	25.24	NM	68	
Mar 11	1960.73	14.06	1946.67	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Jun 11	1960.73	14.89	1945.84	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Sep 11	1960.73	15.31	1945.42	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM	
Nov 11	1960.73	15.12	1945.61	0.95	ND	ND	ND	7.0	3.1	0.2	1.3	24.98	2.0	149	

Table A-1
 Historical Groundwater Gauging and Analytical Data
 Maryland Square Shopping Center

Well ID	Date	Top of Casing Elevation (feet amsl)	Depth to Groundwater (feet)	Groundwater Elevation (feet amsl)	PCE (µg/L)	TCE (µg/L)	cis-1,2-Dichloroethane (µg/L)	Vinyl Chloride (µg/L)	pH	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	TDS (g/L)	ORP (mV)
MW-32	Mar 08	1952.82	17.25	1935.57	720	ND	ND	ND	7.4	3.6	5.4	2.4	23.30	2.3	136
	Jun 08	1952.82	NM	NM	750	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Oct 08	1952.82	19.95	1932.87	990	6.1	ND	ND	6.9	3.8	23.7	1.0	23.80	2.4	-101
	Feb 09	1952.82	17.22	1935.60	1,000	7.2	ND	ND	6.7	3.6	22.5	1.0	23.40	2.3	75
	Jun 09	1952.82	19.14	1933.68	1,000	5.3	ND	ND	7.1	3.7	32.7	2.7	23.40	2.4	120
	Sep 09	1952.82	20.47	1932.35	1,000	ND	ND	ND	6.5	4.2	4.1	1.2	25.30	2.7	157
	Nov 09	1952.82	20.44	1932.38	660	3.7	ND	ND	5.8	3.4	180.0	2.8	24.10	2.2	145
	Feb 10	1952.82	18.81	1934.01	830	5.4	ND	ND	6.8	3.5	16.0	1.6	22.70	2.2	158
	Jun 10	1952.82	19.46	1933.36	480	2.6	ND	ND	7.0	3.2	1.2	6.3	26.41	NM	NM
	Oct 10	1952.82	20.77	1932.05	660	2.7	ND	ND	6.5	3.5	8.2	2.7	24.89	2.3	585
	Nov 10	1952.82	20.40	1932.42	740	3.3	ND	ND	6.6	3.5	1.9	2.4	24.50	NM	244
	Mar 11	1952.82	18.21	1934.61	610	2.3	ND	ND	7.1	3.5	4.3	6.7	23.41	NM	111
	Jun 11	1952.82	19.40	1933.42	790	2.3	ND	ND	6.8	3.5	-1.3	3.4	24.82	NM	424
Sep 11	1952.82	20.91	1931.91	610	1.9	ND	ND	6.9	3.6	10.0	5.1	24.40	2.3	274	
Nov 11	1952.82	20.24	1932.58	700	2.7	ND	ND	7.0	3.3	1.8	3.3	23.32	2.2	161	
MW-33	Mar 08	1950.92	16.02	1934.90	2.4	ND	ND	ND	7.0	3.5	82.4	7.6	20.30	2.2	161
	Jun 08	1950.92	NM	NM	1	ND	ND	ND	NM	NM	NM	NM	NM	NM	NM
	Oct 08	1950.92	18.00	1932.92	3.4	ND	ND	ND	6.7	3.8	6.7	1.0	22.20	2.4	85
	Feb 09	1950.92	16.11	1934.81	ND	ND	ND	ND	6.4	3.7	0.0	0.0	21.30	2.4	120
	Jun 09	1950.92	17.28	1933.64	ND	ND	ND	ND	7.0	4.0	0.0	0.0	21.40	2.5	138
	Sep 09	1950.92	18.93	1931.99	3.3	ND	ND	ND	6.6	4.2	2.2	1.2	23.50	2.7	166
	Nov 09	1950.92	18.78	1932.14	1.4	ND	ND	ND	6.0	3.5	200.0	1.7	22.60	2.2	136
	Feb 10	1950.92	17.28	1933.64	ND	ND	ND	ND	6.7	3.5	0.0	0.7	21.50	2.2	146
	Jun 10	1950.92	17.71	1933.21	ND	ND	ND	ND	6.9	3.4	1.1	2.1	28.96	NM	NM
	Oct 10	1950.92	19.42	1931.50	ND	ND	ND	ND	6.1	3.6	3.7	1.4	23.04	2.3	558
	Nov 10	1950.92	19.25	1931.67	ND	ND	ND	ND	6.6	3.6	1.7	1.6	23.34	NM	217
	Mar 11	1950.92	17.36	1933.56	ND	ND	ND	ND	6.5	3.8	2.8	1.7	21.27	NM	107
	Jun 11	1950.92	18.00	1932.92	ND	ND	ND	ND	7.3	3.8	-1.2	0.8	22.54	NM	74
Sep 11	1950.92	19.31	1931.61	ND	ND	ND	ND	6.9	3.8	10.0	4.2	23.10	2.4	191	
Nov 11	1950.92	18.72	1932.20	ND	ND	ND	ND	7.0	3.6	6.8	2.2	21.62	2.3	181	

Notes:

NM = Not Measured
 amsl = above mean sea level
 ND = Non Detect
 NS = Not Sampled
 µg/L = micrograms per liter

°C = degrees Celsius
 g/L = gallons per liter
 mg/L = milligrams per liter
 mS/cm = milli Siemens per centimeter
 mV = millivolts
 NTU = Nephelometric Turbidity Units

Table A-2
Current Groundwater Gauging and Analytical Data
Maryland Square Shopping Center

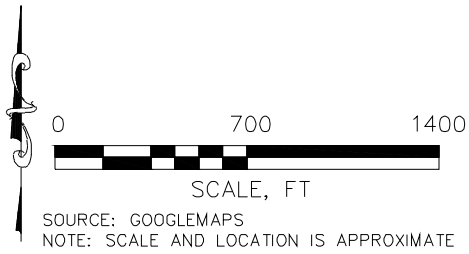
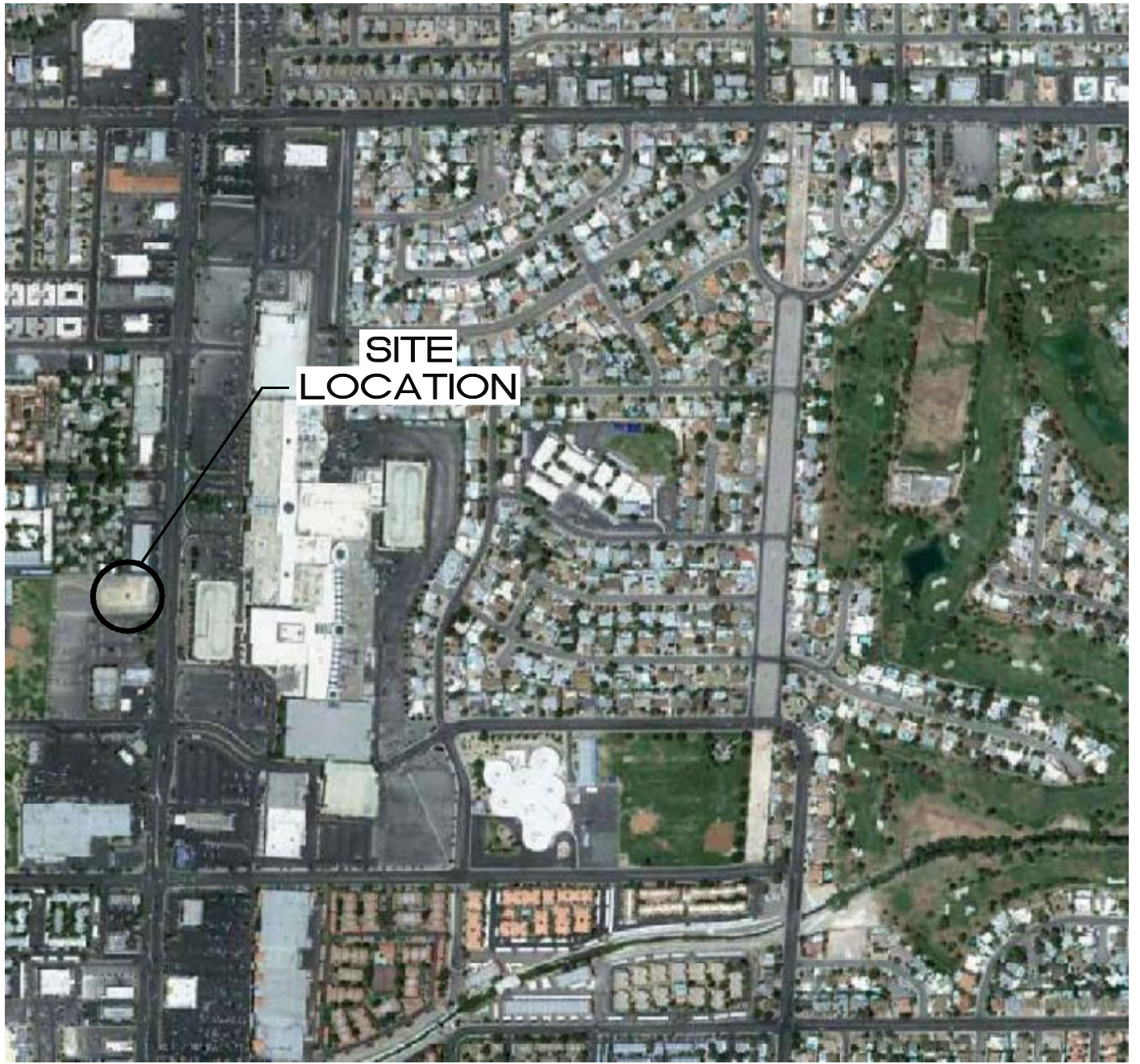
Well ID	Date	Top of Casing Elevation (feet amsl)	Depth to Groundwater Level (feet)	Groundwater Elevation (feet msl)	Screen Interval (feet bgs)	PCE (µg/L)	TCE (µg/L)	cis-1,2-Dichloro ethane	Vinyl Chloride (µg/L)	pH	Specific Conductance (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	TDS (g/L)	ORP (mV)
MW-1	11/9/2011	1992.01	19.65	1972.36	10-30	410	ND	ND	ND	7.0	3.4	5.1	1.3	25.97	2.2	266.40
MW-2	11/10/2011	1983.97	19.09	1964.88	10-32	610	2.1	0.66	ND	7.0	3.3	24.5	2.65	23.55	2.1	167.50
MW-3	11/9/2011	1984.41	20.35	1964.06	10-32	16	ND	ND	ND	6.7	4.5	34.2	3.32	26.17	NM	-38.20
MW-4	11/9/2011	1989.86	NM	NM	10-32	NS	NS	NS	NS	NM	NM	NM	NM	NM	NM	NM
MW-5	11/9/2011	1989.15	19.22	1969.93	10-32	540	2.5	1.1	ND	6.9	4.0	1.5	3.80	25.54	NM	-30.10
MW-6	11/10/2011	1989.03	20.30	1968.73	10-32	2900	12	5.6	ND	7.0	3.2	22.0	3.36	25.16	2.1	113.40
MW-7	11/12/2011	1990.22	17.86	1972.36	10-30	8.9	ND	ND	ND	7.0	3.5	43.6	3.66	25.20	2.2	302.10
MW-8	11/12/2011	1994.22	19.62	1974.60	10-30	2.7	ND	ND	ND	7.1	3.2	117.0	5.20	26.12	2.1	274.40
MW-9	11/12/2011	1992.25	19.91	1972.34	48.5-50	5.6	ND	ND	ND	7.3	1.2	10.1	2.23	24.70	0.8	265.00
MW-10	11/9/2011	1983.78	21.62	1962.16	10-30	<0.50	ND	ND	ND	6.9	1.3	62.8	0.17	26.91	NM	-334.60
MW-11	11/10/2011	1980.21	27.28	1952.93	13.5-33.5	1.4	ND	ND	ND	6.9	3.3	0.8	0.20	24.72	21.3	-94.40
MW-12	11/12/2011	1996.48	15.93	1980.55	13.5-33.5	0.95	ND	ND	ND	7.0	3.5	20.8	1.98	24.82	2.3	315.10
MW-13	11/10/2011	1984.18	18.67	1965.51	9-29	1700	2.4	ND	ND	6.9	3.7	3.3	1.58	23.97	2.4	112.90
MW-14	11/10/2011	1987.86	18.72	1969.14	15-40	1700	2.5	ND	ND	7.0	3.5	85.9	2.57	25.40	2.3	110.80
MW-15	11/9/2011	1983.25	16.12	1967.13	15-32	3.5	ND	ND	ND	6.8	4.0	25.4	2.05	26.75	NM	-42.00
MW-16	11/9/2011	1980.61	28.17	1952.44	19-32	<0.50	ND	ND	ND	6.9	3.5	0.6	0.18	24.40	NM	-73.80
MW-17	11/12/2011	1990.89	19.45	1971.44	15-30	350	ND	ND	ND	7.0	3.5	5.7	2.68	24.09	2.6	274.20
MW-18	11/11/2011	1962.86	13.39	1949.47	5-25	1100	3.3	ND	ND	7.0	3.2	1.3	4.01	24.97	2.1	177.80
MW-19	11/10/2011	1980.24	27.50	1952.74	19-35	1100	4.2	ND	ND	7.1	3.1	35.4	4.58	23.94	2.0	131.00
MW-20	11/10/2011	1979.95	27.35	1952.60	19-35	800	1.9	ND	ND	7.0	3.3	25.9	2.80	24.35	2.2	131.30
MW-21	11/9/2011	1979.54	26.47	1953.07	19-35	13	ND	ND	ND	6.8	4.0	13.8	0.16	24.75	NM	-38.40
MW-22	11/10/2011	1974.75	27.57	1947.18	15-35	0.55	0.55	ND	ND	6.9	3.6	5.6	1.59	23.70	2.3	88.40
MW-23	11/11/2011	1962.29	17.41	1944.88	5-25	1100	2.4	ND	ND	7.0	3.3	0.8	2.28	23.58	2.1	170.20
MW-24	11/11/2011	1960.73	15.12	1945.61	5-25	0.95	ND	ND	ND	7.0	3.1	0.2	1.25	24.98	2.0	148.70
MW-25	11/11/2011	1960.73	20.62	1940.11	5-25	740	0.82	ND	ND	7.0	3.4	0.5	2.28	23.26	2.2	165.80
MW-26	11/11/2011	1953.48	18.72	1934.76	10-35	690	0.61	ND	ND	7.0	3.6	0.6	2.14	23.33	2.3	160.70
MW-27	11/11/2011	1944.23	17.32	1926.91	10-35	380	1.3	ND	ND	7.0	3.5	1.4	2.09	22.62	2.3	163.50
MW-28	11/11/2011	1942.96	14.42	1928.54	15-35	0.62	ND	ND	ND	7.0	3.7	1.5	1.01	22.10	2.4	156.50
MW-29	11/11/2011	1932.25	13.85	1918.40	15-35	<0.50	ND	ND	ND	7.0	3.7	4.2	3.98	19.77	2.4	183.20
MW-30	11/11/2011	1940.56	19.47	1921.09	20-40	38	ND	ND	ND	7.0	2.8	2.9	4.70	20.48	1.8	182.00
MW-31	11/11/2011	1937.93	17.93	1920.00	13.5-33.5	58	ND	ND	ND	6.9	3.8	6.5	3.86	21.23	2.5	177.50
MW-32	11/11/2011	1952.82	20.24	1932.58	13.5-33.6	700	2.7	ND	ND	7.0	3.3	1.8	3.28	23.32	2.2	160.50
MW-33	11/11/2011	1950.92	18.72	1932.20	13.5-33.7	<0.50	ND	ND	ND	7.0	3.6	6.8	2.21	21.62	2.3	180.80

Notes:

NM = Not Measured
msl = mean sea level
ND = Non Detect
NS = Not Sampled
µg/L = micrograms per liter


°C = degrees Celsius
g/L = gallons per liter
mg/L = milligrams per liter
mS/cm = milli Siemens per centimeter
mV = millivolts
NTU = Nephelometric Turbidity Units

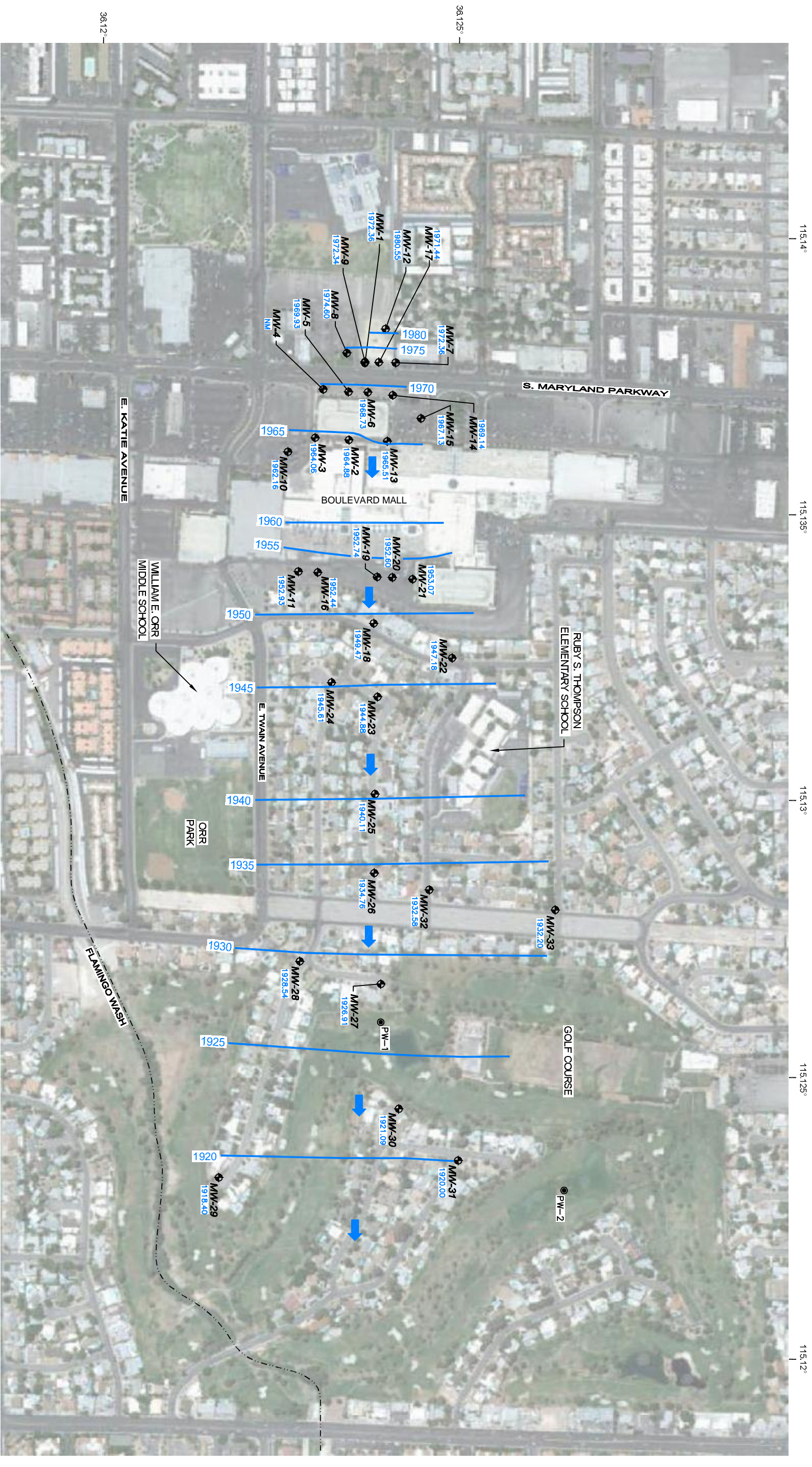
FIGURES



SITE LOCATION MAP

MARYLAND SQUARE SHOPPING CENTER
3661 S. MARYLAND PARKWAY
LAS VEGAS, NV

PROJECT NUMBER: 85.42620.0001	DATE: 11/18/11	FIGURE
APPROVED BY: AS	DRAWN BY: BK	1
 2925 E. Patrick Lane, Suite M Las Vegas, Nevada 89120-2457 Ph: (702) 798-5750 *** Fax: (702) 798-5742		




LEGEND
 MMW-1 ◈ GROUNDWATER MONITOR WELL
 PW-1 ⊙ PUMPING WELL

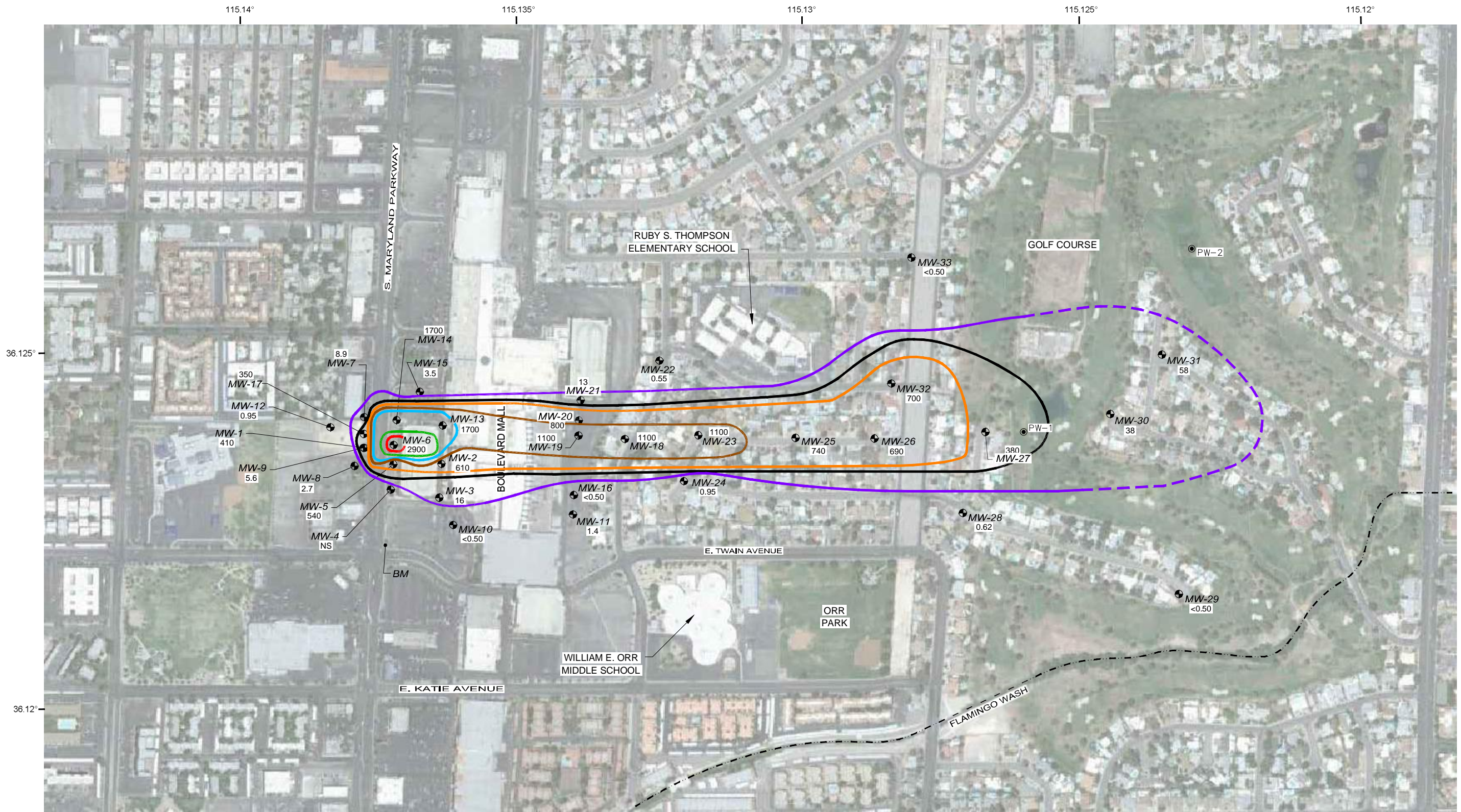
1962.16 GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
 1950 — GROUNDWATER ELEVATION CONTOUR (5 FT. INTERVALS)
 → GROUNDWATER FLOW DIRECTION
 NM NOT MEASURED

NOTE: SCALE AND LOCATIONS ARE APPROXIMATE

GROUNDWATER POTENTIOMETRIC MAP
 (11/09/11 TO 11/12/11)
 MARYLAND SQUARE SHOPPING CENTER
 3661 S. MARYLAND PARKWAY
 LAS VEGAS, NV



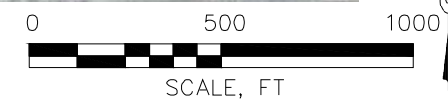
PROJECT NUMBER: 8542620.0001	DATE: 1/4/12	FIGURE
APPROVED BY: AS	DRAWN BY: BK	2
 ATC 2925 E. Patrick Lane, Suite M Las Vegas, Nevada 89120-2457 Ph: (702) 798-5750 *** Fax: (702) 798-5742		



LEGEND

- MW-1 ● GROUNDWATER MONITOR WELL
- PW-1 ● PUMPING WELL
- 2500 ISOCONTOUR, µg/L
- 2000 ISOCONTOUR, µg/L
- 1500 ISOCONTOUR, µg/L
- 1000 ISOCONTOUR, µg/L
- 500 ISOCONTOUR, µg/L
- 100 ISOCONTOUR, µg/L
- 5 ISOCONTOUR, µg/L (DASHED WHERE INFERRED)
- 540 PCE, µg/L
- NS NOT SAMPLED
- 0.50 PCE PQL, µg/L

NOTE: SCALE AND LOCATIONS ARE APPROXIMATE



PCE ISOCONCENTRATION MAP
(11/09/11 TO 11/12/11)
 MARYLAND SQUARE SHOPPING CENTER
 3661 S. MARYLAND PARKWAY
 LAS VEGAS, NV

PROJECT NUMBER: 85.42620.0001	DATE: 1/17/12	FIGURE
APPROVED BY: AS	DRAWN BY: BK	3
2925 E. Patrick Lane, Suite M Las Vegas, Nevada 89120-2457 Ph: (702) 798-5750 *** Fax: (702) 798-5742		

APPENDIX A
FIELD SHEETS



GROUNDWATER LEVEL DATA

ATC ASSOCIATES INC.
 2925 EAST PATRICK LANE, SUITE M
 LAS VEGAS, NEVADA 89120-2457
 (702) 798-5750 (702) 798-5742 fax

BLVD MAIL

PROJECT: MARYLAND SQUARE

LOCATION: _____ PROJECT NUMBER: _____

DATE: 11/10/11

RECORDED BY: _____ MEASURING DEVICE: _____

WEATHER CONDITIONS:

WELL NO.	TIME	DEPTH TO GROUNDWATER (feet)	DEPTH TO GROUNDWATER (feet)	TOTAL DEPTH (feet)	DEPTH TO PRODUCT (feet)	FREE PRODUCT THICKNESS (feet)	DO READING (mg/L)	TEMPERATURE (degrees C or F)	COMMENTS
MW18	11:28	13.39	13.39	20.39					
MW24	11:35	15.12	15.12	20.40					
MW27	11:44	27.57	27.57	35.10					
MW23	11:52	17.41	17.41	25.39					
MW25	11:59	20.62	20.62	26.02					
MW26	12:04	18.72	18.72	34.95					
MW32	12:12	20.24	20.24	33.71					
MW33	12:22	19.72	19.72	33.56					
MW28	12:32	14.42	14.42	34.55	THIS WELL WATER LEVEL CAME OUT WITH DIRT				
MW27	12:40	17.32	17.32	35.22	WATER LEVEL CAME OUT WITH DIRT ON THIS WELL				
MW29	12:50	13.85	13.85	34.78	DIRTY AT BOTTOM THIS WELL IS				
MW30	1:35	19.47	19.47	34.71					
MW31	1:46	17.93	17.93	33.65	DIRTY AT BOTTOM DIRT				
MW7	2:25	17.86	17.86	29.45					
MW17	2:35	19.45	19.45	30.20					
MW9	2:45	19.82	19.82	25.41	ROOTS / GRASS AT END OF WATER AT				BOTTOM HOSES ARE 5' FROM TO
MW8	2:50	19.92	19.92	49.97	? RECHECK DEPTH WATER - NO LID				
MW12	3:08	15.93	15.93	33.29	NO LID ^{LID} CASING IS BROKEN				



GROUNDWATER COLLECTION LOG

ATC ASSOCIATES INC.
 2925 EAST PATRICK LANE, SUITE M
 LAS VEGAS, NEVADA 89120-2457
 (702) 798-5750 (702) 798-5742 fax

Project Name: Maryland square
 Project Number: _____
 Sampler's Name: ed

Well ID: MW-1
 Sample ID: MW-1
 Sample Collection Date/Time: 11/2/11 1115

Purging Equipment: Low Flow
 Sampling Equipment: Low Flow

Casing Type: PVC
 Casing Diameter: 2 inch
 Depth to Well Bottom: 25.88 feet
 Depth to Water: 19.65 feet
 Length of Static Water: 6.23 feet
 Unit Casing Volume: x _____ gallons/foot
 Casing Water Volume: _____ gallons
 Purging Volumes: x _____ each
 Estimated Purge Volume: _____ gallons

Pump @ 23'

2" = 0.16 gal/lin ft.
 3" = 0.37 gal/lin ft.
 4" = 0.67 gal/lin ft.
 6" = 1.47 gal/lin ft.
 8" = 2.60 gal/lin ft.
 10" = 4.10 gal/lin ft.

Initial sample: _____ Was free product observed? _____

Comments: _____

Purged (gal.)	Time	Conductance mS/cm	Temp. (C)	pH	ORP(mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
<i>7.5</i> 0.5	1104	3.440	25.59	7.02	271.5	2.235	1.58	Clear 20.4
1.0	1106	3.446	25.80	7.00	270.6	2.242	1.30	Clear 8.93
1.5	1108	3.446	25.97	6.99	269.2	2.241	1.30	Clear 7.40
2.0	1110	3.448	25.97	6.98	266.4	2.241	1.30	Clear 5.05

Total Water Volume Purged: 2.0 Gallons = _____ Well Volumes
 Purged Dry (Y/N): N
 Comments: _____

Well Sect Locking cap? yes no
 Bolts secured? yes no

x Rebar



GROUNDWATER COLLECTION LOG

ATC ASSOCIATES INC.
2925 EAST PATRICK LANE, SUITE M
LAS VEGAS, NEVADA 89120-2457
(702) 798-5750 (702) 798-5742 fax

Project Name: MSSC
Project Number: _____
Sampler's Name: ABM

Well ID: MLW-2
Sample ID: MLW-2
Sample Collection Date/Time: 1/10/11 8:50

Purging Equipment: Low Flow
Sampling Equipment: Low Flow

Casing Type: PVC
Casing Diameter: 2 inch
Depth to Well Bottom: 29.50 feet
Depth to Water: 19.09 feet
Length of Static Water: 10.41 feet
Unit Casing Volume: x _____ gallons/foot
Casing Water Volume: _____ gallons
Purging Volumes: x _____ each
Estimated Purge Volume: _____ gallons

Pump @ 24'

2" = 0.16 gal/lin ft.
3" = 0.37 gal/lin ft.
4" = 0.67 gal/lin ft.
6" = 1.47 gal/lin ft.
8" = 2.60 gal/lin ft.
10" = 4.10 gal/lin ft.

Initial sample: _____ Was free product observed? _____
Comments: _____

Purged (date)	Time	Conductance mS/cm	Temp. (C) ±.2	pH ±.2	ORP(mV) ±20	TDS (g/L)	DO (mg/L) ±10%	Water Description: Color, Turbidity, Sheen, Etc.
.5	8:34	3.285	23.44	7.02	246.0	2.135	2.84	clear 41.8
1.0	8:36	3.283	23.51	7.04	244.1	2.135	2.74	clear 30.0
1.5	8:38	3.281	23.54	7.04	189.4	2.132	2.66	clear 22.7
2.0	8:40	3.277	23.55	7.04	183.1	2.130	2.65	clear 24.8
2.5	8:42	3.271	23.56	7.04	173.1	2.126	2.65	clear 24.7
3.0	8:44	3.267	23.55	7.04	167.5	2.122	2.65	clear 24.5

Total Water Volume Purged: _____ Gallons = _____ Well Volumes
Purged Dry (Y/N): _____
Comments: MISWT WELL VAULT LID + BOLTS

Well Secu Locking cap? yes no
Bolts secured? yes no



GROUNDWATER COLLECTION LOG

ATC ASSOCIATES INC.
2925 EAST PATRICK LANE, SUITE M
LAS VEGAS, NEVADA 89120-2457
(702) 798-5750 (702) 798-5742 fax

Project Name: Melipal Sewer
Project Number: _____
Sampler's Name: B. Burgess

Well ID: MW-3
Sample ID: MW-3
Sample Collection Date/Time: 11-9-11 1357

Purging Equipment: Low Flow
Sampling Equipment: Low Flow

Casing Type: PVC
Casing Diameter: _____ inch
Depth to Well Bottom: 29.31 feet
Depth to Water: 20.35 feet
Length of Static Water: 8.96 feet
Unit Casing Volume: x 4.48 gallons/foot
Casing Water Volume: _____ gallons
Purging Volumes: x _____ each
Estimated Purge Volume: _____ gallons

*0.35
4.48
24.83
pump @ 25'*

2" = 0.16 gal/lin ft.
3" = 0.37 gal/lin ft.
4" = 0.67 gal/lin ft.
6" = 1.47 gal/lin ft.
8" = 2.60 gal/lin ft.
10" = 4.10 gal/lin ft.

Initial sample: _____ Was free product observed? _____

Comments: _____

Purged (gal.)	Time	Conductance (µS/cm)	Temp. (C)	pH	ORP(mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
.5	1346	4478	25.09	6.75	-37.3		3.49	clear 58.7
1.0	1348	4520	25.97	6.71	-38.5		3.22	clear 40.5
1.5	1350	4534	26.06	6.70	-38.6		3.44	clear 38.9
2.0	1352	4540	26.12	6.69	-38.2		3.28	clear 36.7
2.5	1354	4541	26.17	6.69	-38.2		3.32	clear 34.2

Total Water Volume Purged: 25 LITERS Gallons = _____ Well Volumes

Purged Dry (Y/N): N

Comments: _____

Well Sect Locking cap? yes no
Bolts secured? yes no



GROUNDWATER COLLECTION LOG

ATC ASSOCIATES INC.
 2925 EAST PATRICK LANE, SUITE M
 LAS VEGAS, NEVADA 89120-2457
 (702) 798-5750 (702) 798-5742 fax

Project Name: Maryland Square
 Project Number: _____
 Sampler's Name: E. Pinos

Well ID: MW-5
 Sample ID: MW-5
 Sample Collection Date/Time: 11/9/11 ~~11/16/11~~

Purging Equipment: Low Flow
 Sampling Equipment: low flow

Casing Type: PVC
 Casing Diameter: 2 inch
 Depth to Well Bottom: 28.91 feet
 Depth to Water: 19.22 feet
 Length of Static Water: 9.69 feet
 Unit Casing Volume: x _____ gallons/foot
 Casing Water Volume: _____ gallons
 Purging Volumes: x _____ each
 Estimated Purge Volume: _____ gallons

Pump @ 24'

2" = 0.16 gal/lin ft.
 3" = 0.37 gal/lin ft.
 4" = 0.67 gal/lin ft.
 6" = 1.47 gal/lin ft.
 8" = 2.60 gal/lin ft.
 10" = 4.10 gal/lin ft.

Initial sample: _____ Was free product observed? _____

Comments: _____

Purged (gal.)	Time	Conductance mS/cm	Temp. (C)	pH	ORP(mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
0.5	1542	3945	25.49	6.96	-30.7		4.11	clear
1.0	1544	3944	25.48	6.94	-30.7		4.03	clear 13.50
1.5	1546	3944	25.46	6.93	-30.7		3.97	clear 11.11
2.0	1548	3953	25.60	6.92	-30.4		3.92	clear 6.93
2.5	1550	3955	25.62	6.91	-30.4		3.92	clear 4.95
3.0	1552	3958	25.63	6.90	-30.2		3.91	clear 4.40
3.5	1554	3957	25.62	6.90	-30.2		3.89	clear 3.89
4.0	1556	3957	25.60	6.90	-30.2		3.85	clear 2.12
4.5	1558	3955	25.58	6.89	-30.2		3.83	clear 1.67
5.0	1600	3952	25.54	6.89	-30.1		3.80	clear 1.46

Total Water Volume Purged: 5.1705 Gallons = _____ Well Volumes
 Purged Dry (Y/N): N
 Comments: _____

Well Sect Locking cap? Y yes no
 Bolts secured? Y yes no



GROUNDWATER COLLECTION LOG

ATC ASSOCIATES INC.
2925 EAST PATRICK LANE, SUITE M
LAS VEGAS, NEVADA 89120-2457
(702) 798-5750 (702) 798-5742 fax

Project Name: Maryland Sams
Project Number: _____
Sampler's Name: 2 layers

Well ID: MW-6
Sample ID: MW-6
Sample Collection Date/Time: 11/10/11 1320

Purging Equipment: low flow
Sampling Equipment: low flow

Casing Type: PVC
Casing Diameter: 2 inch
Depth to Well Bottom: 29.26 feet
Depth to Water: 20.30 feet
Length of Static Water: 8.96 feet
Unit Casing Volume: x _____ gallons/foot
Casing Water Volume: _____ gallons
Purging Volumes: x _____ each
Estimated Purge Volume: _____ gallons

Pump @ 25'

2" = 0.16 gal/lin ft.
3" = 0.37 gal/lin ft.
4" = 0.67 gal/lin ft.
6" = 1.47 gal/lin ft.
8" = 2.60 gal/lin ft.
10" = 4.10 gal/lin ft.

Initial sample: _____ Was free product observed? _____
Comments: _____

Purged (gals)	Time	Conductance mS/cm	Temp. (C)	pH	ORP(mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
<u>.5</u>	<u>13:06</u>	<u>3.096</u>	<u>25.03</u>	<u>7.01</u>	<u>113.6</u>	<u>2.017</u>	<u>3.39</u>	<u>clear 50.3</u>
<u>1.5</u>	<u>13:10</u>	<u>3.134</u>	<u>25.09</u>	<u>7.01</u>	<u>114.3</u>	<u>2.042</u>	<u>3.38</u>	<u>clear 26.4</u>
<u>2.0</u>	<u>13:12</u>	<u>3.174</u>	<u>25.15</u>	<u>7.01</u>	<u>113.7</u>	<u>2.066</u>	<u>3.37</u>	<u>clear 22.3</u>
<u>2.5</u>	<u>13:14</u>	<u>3.207</u>	<u>25.13</u>	<u>7.01</u>	<u>112.7</u>	<u>2.089</u>	<u>3.39</u>	<u>clear 22.2</u>
<u>3.0</u>	<u>13:16</u>	<u>3.231</u>	<u>25.16</u>	<u>7.00</u>	<u>113.4</u>	<u>2.103</u>	<u>3.36</u>	<u>clear 22.0</u>

Total Water Volume Purged: 3.174 Gallons = _____ Well Volumes
Purged Dry (Y/N): N
Comments: _____

Well Sect Locking cap? yes no
Bolts secured? yes no



GROUNDWATER COLLECTION LOG

ATC ASSOCIATES INC.
 2925 EAST PATRICK LANE, SUITE M
 LAS VEGAS, NEVADA 89120-2457
 (702) 798-5750 (702) 798-5742 fax

Project Name: Maryland square
 Project Number: _____
 Sampler's Name: Eed

Well ID: MW-7
 Sample ID: MW-7
 Sample Collection Date/Time: 11/22/11 900

Purging Equipment: Low Flow
 Sampling Equipment: Low Flow

Casing Type: PVC

Casing Diameter: 2 inch

Depth to Well Bottom: 29.45 feet

Depth to Water: 17.86 feet

Length of Static Water: 11.59 feet

Unit Casing Volume: x _____ gallons/foot

Casing Water Volume: _____ gallons

Purging Volumes: x _____ each

Estimated Purge Volume: _____ gallons

2" = 0.16 gal/lin ft.
 3" = 0.37 gal/lin ft.
 4" = 0.67 gal/lin ft.
 6" = 1.47 gal/lin ft.
 8" = 2.60 gal/lin ft.
 10" = 4.10 gal/lin ft.

Pump @ 23'

Initial sample: _____ Was free product observed? _____

Comments: _____

Purged (gal.)	Time	Conductance mS/cm	Temp. (C)	pH	ORP(mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
.5	852	3.428	24.71	7.02	302.1	2.234	4.29	clear 87.4
1.0	854	3.446	25.10	7.02	305.4	2.243	3.68	cloudy 150
1.5	856	3.444	25.24	7.02	303.8	2.242	3.66	clear 64.3
2.0	858	3.454	25.20	7.02	302.1	2.248	3.66	clear 436

Total Water Volume Purged: 2.0 Gallons = _____ Well Volumes
 Purged Dry (Y/N): N
 Comments: _____

Well Sect Locking cap? yes no
 Bolts secured? yes no



GROUNDWATER COLLECTION LOG

ATC ASSOCIATES INC.
2925 EAST PATRICK LANE, SUITE M
LAS VEGAS, NEVADA 89120-2457
(702) 798-5750 (702) 798-5742 fax

Project Name: Maryland Square
Project Number: _____
Sampler's Name: cd

Well ID: MW-8
Sample ID: MW-8
Sample Collection Date/Time: 11/12/11 1015

Purging Equipment: Low Flow
Sampling Equipment: Low Flow

Casing Type:	PVC		
Casing Diameter:	<u>2</u> inch		2" = 0.16 gal/lin ft.
Depth to Well Bottom:	<u>30.25</u> feet		3" = 0.37 gal/lin ft.
Depth to Water:	<u>19.62</u> feet		4" = 0.67 gal/lin ft.
Length of Static Water:	<u>10.63</u> feet		6" = 1.47 gal/lin ft.
Unit Casing Volume:	x _____ gallons/foot		8" = 2.60 gal/lin ft.
Casing Water Volume:	_____ gallons		10" = 4.10 gal/lin ft.
Purging Volumes:	x _____ each		
Estimated Purge Volume:	_____ gallons		

Pump @ 25'

Initial sample: _____ Was free product observed? _____
Comments: _____

Purged (gal.)	Time	Conductance mS/cm	Temp. (C)	pH	ORP(mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
<i>tee</i> 0.5	1004	3.228	25.65	7.13	262.2	2.097	5.99	clear 53.8
1.0	1006	3.248	26.14	7.08	271.0	2.111	5.20	cloudy 139
1.5	1008	3.246	26.16	7.07	273.1	2.110	5.21	cloudy 109
2.0	1010	3.247	26.12	7.06	274.4	2.109	5.20	cloudy 117

Total Water Volume Purged: 2.0 Gallons = _____ Well Volumes
Purged Dry (Y/N): N
Comments: missing 1 Belt

Well Sect Locking cap? yes no
Bolts secured? yes no



GROUNDWATER COLLECTION LOG

ATC ASSOCIATES INC.
2925 EAST PATRICK LANE, SUITE M
LAS VEGAS, NEVADA 89120-2457
(702) 798-5750 (702) 798-5742 fax

Project Name: Maryland Square
Project Number: _____
Sampler's Name: Ed

Well ID: mw-9
Sample ID: mw-9
Sample Collection Date/Time: 11/12/11 945

Purging Equipment: Low Flow
Sampling Equipment: Low Flow

Casing Type: PVC
Casing Diameter: 2 inch
Depth to Well Bottom: 41.90 feet
Depth to Water: 19.91 feet
Length of Static Water: 29.99 feet
Unit Casing Volume: x _____ gallons/foot
Casing Water Volume: _____ gallons
Purging Volumes: x _____ each
Estimated Purge Volume: _____ gallons

Pump @ 35-1

2" = 0.16 gal/in ft.
3" = 0.37 gal/in ft.
4" = 0.67 gal/in ft.
6" = 1.47 gal/in ft.
8" = 2.60 gal/in ft.
10" = 4.10 gal/in ft.

Initial sample: _____ Was free product observed? _____
Comments: _____

Purged (gal.)	Time	Conductance mS/cm	Temp. (C)	pH	ORP(mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
<i>test</i> .5	9:36	1.189	24.45	7.35	256.1	0.779	3.04	clear 14.82
1.0	939	1.209	24.73	7.29	264.4	0.785	2.24	clear 13.19
1.5	940	1.209	24.74	7.28	265.6	0.786	2.24	clear 8.98
2.0	942	1.208	24.70	7.28	265.0	0.785	2.23	clear 10.13

Total Water Volume Purged: 2.0 Gallons = _____ Well Volumes
Purged Dry (Y/N): N
Comments: Missed Well ID

Well Sect Locking cap? yes no
Bolts secured? yes no
REMOVED
SOUTH well



GROUNDWATER COLLECTION LOG

ATC ASSOCIATES INC.
 2925 EAST PATRICK LANE, SUITE M
 LAS VEGAS, NEVADA 89120-2457
 (702) 798-5750 (702) 798-5742 fax

Project Name: Maryland Storm
 Project Number: _____
 Sampler's Name: E. Byers

Well ID: MW-10
 Sample ID: MW-10
 Sample Collection Date/Time: 11/09/11

Purging Equipment: low flow
 Sampling Equipment: low flow

Casing Type: PVC
 Casing Diameter: 2 inch
 Depth to Well Bottom: 30.10 feet
 Depth to Water: 21.62 feet
 Length of Static Water: 8.48 feet
 Unit Casing Volume: x _____ gallons/foot
 Casing Water Volume: _____ gallons
 Purging Volumes: x _____ each
 Estimated Purge Volume: _____ gallons

2" = 0.16 gal/lin ft.
 3" = 0.37 gal/lin ft.
 4" = 0.67 gal/lin ft.
 6" = 1.47 gal/lin ft.
 8" = 2.60 gal/lin ft.
 10" = 4.10 gal/lin ft.

Set pump at 26'

Initial sample: _____ Was free product observed? _____
 Comments: _____

Purged (gal.)	Time	Conductance (µS/cm)	Temp. (C)	pH	ORP(mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
0.5	1117	1079	26.24	6.83	-349.1		0.24	Black
1.0	1119	1087	26.48	6.84	-343.2		0.16	Black
1.5	1121	1137	26.62	6.86	-333.5		0.16	Black 62.8
2.0	1123	1305	26.91	6.88	-331.6		0.17	

Total Water Volume Purged: 2.0 Gallons = _____ Well Volumes
 Purged Dry (Y/N): N
 Comments: _____

Well Secl Locking cap? yes no
 Bolts secured? yes no



GROUNDWATER COLLECTION LOG

ATC ASSOCIATES INC.
2925 EAST PATRICK LANE, SUITE M
LAS VEGAS, NEVADA 89120-2457
(702) 798-5750 (702) 798-5742 fax

Project Name: Malyard Source
Project Number: _____
Sampler's Name: Roberts

Well ID: MW-11
Sample ID: MSS-4
Sample Collection Date/Time: 11/10/10 1430

Purging Equipment: Low flow
Sampling Equipment: low flow

Casing Type: PVC
Casing Diameter: 2 inch
Depth to Well Bottom: 32.62 feet
Depth to Water: 27.28 feet
Length of Static Water: 5.34 feet
Unit Casing Volume: x _____ gallons/foot
Casing Water Volume: _____ gallons
Purging Volumes: x _____ each
Estimated Purge Volume: _____ gallons

2" = 0.16 gal/in ft.
3" = 0.37 gal/in ft.
4" = 0.67 gal/in ft.
6" = 1.47 gal/in ft.
8" = 2.60 gal/in ft.
10" = 4.10 gal/in ft.

Pump @ 30'

Initial sample: _____ Was free product observed? _____
Comments: _____

Purged (gals)	Time	Conductance mS/cm	Temp. (C)	pH	ORP(mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
<u>5</u>	<u>1414</u>	<u>3.251</u>	<u>24.49</u>	<u>6.95</u>	<u>-4.6</u>	<u>2.118</u>	<u>.57</u>	<u>clear 6.48</u>
<u>1.5</u>	<u>1416</u>	<u>3.271</u>	<u>24.69</u>	<u>6.95</u>	<u>-47.2</u>	<u>2.127</u>	<u>.39</u>	<u>clear 2.26</u>
<u>2.5</u>	<u>1418</u>	<u>3.278</u>	<u>24.64</u>	<u>6.94</u>	<u>-65.0</u>	<u>2.130</u>	<u>.30</u>	<u>clear 1.73</u>
<u>2.5</u>	<u>1420</u>	<u>3.281</u>	<u>24.69</u>	<u>6.94</u>	<u>-76.7</u>	<u>2.132</u>	<u>.25</u>	<u>clear 1.00</u>
<u>3.0</u>	<u>1422</u>	<u>3.274</u>	<u>24.68</u>	<u>6.94</u>	<u>-82.1</u>	<u>2.130</u>	<u>.24</u>	<u>clear 0.80</u>
<u>3.5</u>	<u>1424</u>	<u>3.277</u>	<u>24.70</u>	<u>6.93</u>	<u>-90.7</u>	<u>2.131</u>	<u>.22</u>	<u>clear .82</u>
<u>4.0</u>	<u>1426</u>	<u>3.279</u>	<u>24.72</u>	<u>6.93</u>	<u>-94.4</u>	<u>2.131</u>	<u>.20</u>	<u>clear .81</u>

Total Water Volume Purged: 41 gals Gallons = _____ Well Volumes _____
Purged Dry (Y/N): _____
Comments: well has no lid

Well Sect Locking cap? yes no
Bolts secured? yes no



GROUNDWATER COLLECTION LOG

ATC ASSOCIATES INC.
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 LAS VEGAS, NEVADA 89120-2457
 (702) 798-5750 (702) 798-5742 fax

Project Name: Maryland square
 Project Number: _____
 Sampler's Name: cd

Well ID: mw-12
 Sample ID: MW-12
 Sample Collection Date/Time: 11/17/11 834

Purging Equipment: Low Flow
 Sampling Equipment: Low Flow

Casing Type: PVC
 Casing Diameter: 2 inch
 Depth to Well Bottom: 33.29 feet
 Depth to Water: 15.93 feet
 Length of Static Water: 17.36 feet
 Unit Casing Volume: x _____ gallons/foot
 Casing Water Volume: _____ gallons
 Purging Volumes: x _____ each
 Estimated Purge Volume: _____ gallons

Pump @ 24'

2" = 0.16 gal/in ft.
 3" = 0.37 gal/in ft.
 4" = 0.67 gal/in ft.
 6" = 1.47 gal/in ft.
 8" = 2.60 gal/in ft.
 10" = 4.10 gal/in ft.

Initial sample: _____ Was free product observed? _____
 Comments: _____

Purged (gal)	Time	Conductance mS/cm	Temp. (C)	pH	ORP(mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
<u>.5</u>	<u>824</u>	<u>3.466</u>	<u>24.52</u>	<u>6.95</u>	<u>321.2</u>	<u>2.256</u>	<u>2.49</u>	<u>clear 304</u>
<u>1.0</u>	<u>826</u>	<u>3.476</u>	<u>24.57</u>	<u>6.99</u>	<u>317.8</u>	<u>2.259</u>	<u>2.18</u>	<u>clear 68.2</u>
<u>1.5</u>	<u>828</u>	<u>3.477</u>	<u>24.65</u>	<u>7.01</u>	<u>316.5</u>	<u>2.260</u>	<u>2.00</u>	<u>clear 28.7</u>
<u>2.0</u>	<u>830</u>	<u>3.479</u>	<u>24.65</u>	<u>7.01</u>	<u>316.1</u>	<u>2.261</u>	<u>1.99</u>	<u>clear 21.7</u>
<u>2.5</u>	<u>832</u>	<u>3.477</u>	<u>24.82</u>	<u>7.00</u>	<u>315.1</u>	<u>2.261</u>	<u>1.98</u>	<u>clear 20.8</u>

Total Water Volume Purged: 2.5 Gallons = _____ Well Volumes
 Purged Dry (Y/N): _____
 Comments: wet collar damaged - Has no lid

Well Sect Locking cap? yes no
 Bolts secured? yes no



GROUNDWATER COLLECTION LOG

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 LAS VEGAS, NEVADA 89120-2457
 (702) 798-5750 (702) 798-5742 fax

Project Name: Maryland Solar
 Project Number: _____
 Sampler's Name: E. Hayes

Well ID: MW-13
 Sample ID: MW-13
 Sample Collection Date/Time: 11/10/11 1143

Purging Equipment: low flow
 Sampling Equipment: low flow

Casing Type: PVC
 Casing Diameter: 2 inch
 Depth to Well Bottom: 25.48 feet
 Depth to Water: 19.67 feet
 Length of Static Water: 6.81 feet
 Unit Casing Volume: x _____ gallons/foot
 Casing Water Volume: _____ gallons
 Purging Volumes: x _____ each
 Estimated Purge Volume: _____ gallons

2" = 0.16 gal/lin ft.
 3" = 0.37 gal/lin ft.
 4" = 0.67 gal/lin ft.
 6" = 1.47 gal/lin ft.
 8" = 2.60 gal/lin ft.
 10" = 4.10 gal/lin ft.

Pump @ 22'

Initial sample: _____ Was free product observed? _____
 Comments: _____

Purged (feet)	Time	Conductance mS/cm	Temp. (C)	pH	ORP(mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
<u>5</u>	<u>11:24</u>	<u>3.700</u>	<u>24.03</u>	<u>6.94</u>	<u>111.6</u>	<u>2.407</u>	<u>1.96</u>	<u>clear 10.66</u>
<u>1.0</u>	<u>11:26</u>	<u>3.700</u>	<u>24.06</u>	<u>6.94</u>	<u>109.6</u>	<u>2.404</u>	<u>1.94</u>	<u>clear 7.34</u>
<u>1.5</u>	<u>11:28</u>	<u>3.698</u>	<u>24.06</u>	<u>6.93</u>	<u>107.5</u>	<u>2.404</u>	<u>1.93</u>	<u>clear 6.26</u>
<u>2.0</u>	<u>11:30</u>	<u>3.701</u>	<u>24.09</u>	<u>6.93</u>	<u>105.6</u>	<u>2.405</u>	<u>1.91</u>	<u>clear 7.12</u>
<u>2.5</u>	<u>11:32</u>	<u>3.698</u>	<u>23.98</u>	<u>6.92</u>	<u>105.5</u>	<u>2.403</u>	<u>1.70</u>	<u>clear 4.71</u>
<u>3.0</u>	<u>11:34</u>	<u>3.695</u>	<u>24.02</u>	<u>6.92</u>	<u>108.5</u>	<u>2.403</u>	<u>1.62</u>	<u>clear 3.58</u>
<u>3.5</u>	<u>11:36</u>	<u>3.692</u>	<u>23.99</u>	<u>6.92</u>	<u>109.7</u>	<u>2.398</u>	<u>1.61</u>	<u>clear 3.31</u>
<u>4.0</u>	<u>11:38</u>	<u>3.700</u>	<u>23.95</u>	<u>6.91</u>	<u>110.2</u>	<u>2.403</u>	<u>1.59</u>	<u>clear 3.35</u>
<u>4.5</u>	<u>11:40</u>	<u>3.698</u>	<u>23.97</u>	<u>6.91</u>	<u>112.9</u>	<u>2.400</u>	<u>1.58</u>	<u>clear 3.31</u>

Total Water Volume Purged: 4.51, TDS Gallons = _____ Well Volumes
 Purged Dry (Y/N): N
 Comments: _____

Well Sec. Locking cap? yes no
 Bolts secured? yes no



GROUNDWATER COLLECTION LOG

ATC ASSOCIATES INC.
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 (702) 798-5750 (702) 798-5742 fax

Project Name: Mareland Source
 Project Number: _____
 Sampler's Name: E. Hayes

Well ID: MW-14
 Sample ID: MW-14
 Sample Collection Date/Time: 11/10/11 1234

Purging Equipment: Low Flow
 Sampling Equipment: Low Flow

Casing Type: PVC
 Casing Diameter: 2 inch
 Depth to Well Bottom: 30.14 feet
 Depth to Water: 18.72 feet
 Length of Static Water: 11.42 feet
 Unit Casing Volume: x _____ gallons/foot
 Casing Water Volume: _____ gallons
 Purging Volumes: x _____ each
 Estimated Purge Volume: _____ gallons

Pump @ 24'

2" = 0.16 gal/lin ft.
 3" = 0.37 gal/lin ft.
 4" = 0.67 gal/lin ft.
 6" = 1.47 gal/lin ft.
 8" = 2.60 gal/lin ft.
 10" = 4.10 gal/lin ft.

Initial sample: _____ Was free product observed? _____

Comments: _____

Purged (gals)	Time	Conductance mS/cm	Temp. (C)	pH	ORP(mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
<u>1.5</u>	<u>12:22</u>	<u>3.523</u>	<u>25.17</u>	<u>6.99</u>	<u>121.2</u>	<u>2.289</u>	<u>2.98</u>	<u>clear 129</u>
<u>2.0</u>	<u>12:24</u>	<u>3.522</u>	<u>25.42</u>	<u>6.99</u>	<u>115.8</u>	<u>2.289</u>	<u>2.89</u>	<u>clear 90.7</u>
<u>2.5</u>	<u>12:26</u>	<u>3.523</u>	<u>25.31</u>	<u>6.99</u>	<u>112.5</u>	<u>2.291</u>	<u>2.88</u>	<u>clear 87.4</u>
<u>2.10</u>	<u>12:28</u>	<u>3.523</u>	<u>25.41</u>	<u>6.98</u>	<u>112.4</u>	<u>2.290</u>	<u>2.88</u>	<u>clear 86.7</u>
<u>2.5</u>	<u>12:30</u>	<u>3.524</u>	<u>25.40</u>	<u>6.98</u>	<u>110.8</u>	<u>2.290</u>	<u>2.87</u>	<u>clear 85.9</u>

Total Water Volume Purged: 2.51 gals Gallons = _____ Well Volumes
 Purged Dry (Y/N): N
 Comments: _____

Well Sect Locking cap? Y yes ___ no
 Bolts secured? ___ yes N no



GROUNDWATER COLLECTION LOG

ATC ASSOCIATES INC.
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 (702) 798-5750 (702) 798-5742 fax

Project Name: Maryland Square
 Project Number: _____
 Sampler's Name: E. Davis

Well ID: MLW-15
 Sample ID: NW-15
 Sample Collection Date/Time: 11/9/11 1313

Purging Equipment: Low flow
 Sampling Equipment: Low flow

Casing Type: PVC
 Casing Diameter: 2" inch
 Depth to Well Bottom: 27.80 feet
 Depth to Water: 16.12 feet
 Length of Static Water: 11.78 feet
 Unit Casing Volume: 5.89 gallons/foot
 Casing Water Volume: _____ gallons
 Purging Volumes: x _____ each
 Estimated Purge Volume: _____ gallons

2" = 0.16 gal/lin ft.
 3" = 0.37 gal/lin ft.
 4" = 0.67 gal/lin ft.
 6" = 1.47 gal/lin ft.
 8" = 2.60 gal/lin ft.
 10" = 4.10 gal/lin ft.

Jet pump @ 22'

Initial sample: _____ Was free product observed? _____
 Comments: _____

Purged (gal.)	Time	Conductance $\mu\text{S/cm}$	Temp. (C) $\pm .2$	pH $\pm .2$	ORP(mV) ± 20	TDS (g/L)	DO (mg/L) $\pm 10\%$	Water Description: Color, Turbidity, Sheen, Etc.
0.5	12:58	3801	25.90	6.89	-40.9		2.62	clear 156.0
1.0	13:00	3903	26.33	6.87	-42.0		2.36	clear 87.2
1.5	13:02	3965	26.59	6.85	-42.9		2.15	clear 53.7
2.0	13:04	3986	26.73	6.84	-42.5		2.09	clear 30.1
2.5	13:06	3992	26.77	6.84	-42.1		2.15	clear 27.7
3.0	13:09	3997	26.75	6.84	-42.0		2.05	clear 25.35

Total Water Volume Purged: 3.178 Gallons = _____ Well Volumes
 Purged Dry (Y/N): N
 Comments: _____

Well Sec. Locking cap? yes no
 Bolts secured? yes no



GROUNDWATER COLLECTION LOG

ATC ASSOCIATES INC.
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LAS VEGAS, NEVADA 89120-2457
(702) 798-5750 (702) 798-5742 fax

Project Name: Maryland Source
Project Number: _____
Sampler's Name: Elkins

Well ID: MW-110
Sample ID: MW-110
Sample Collection Date/Time: 11/9/11 1224

Purging Equipment: Low flow
Sampling Equipment: Low flow

Casing Type: PVC
Casing Diameter: 2 inch
Depth to Well Bottom: 21.30 feet
Depth to Water: 28.17 feet
Length of Static Water: 6.87 feet
Unit Casing Volume: x _____ gallons/foot
Casing Water Volume: _____ gallons
Purging Volumes: x _____ each
Estimated Purge Volume: _____ gallons

Set pump @ 31 feet

2" = 0.16 gal/lin ft.
3" = 0.37 gal/lin ft.
4" = 0.67 gal/lin ft.
6" = 1.47 gal/lin ft.
8" = 2.60 gal/lin ft.
10" = 4.10 gal/lin ft.

Initial sample: _____ Was free product observed? _____
Comments: _____

Purged (gal.)	Time	Conductance mS/cm	Temp. (C)	pH	ORP(mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
.5	1200	3409	23.88	6.91	-107.1		0.50	clear
1.0	1202	3444	24.17	6.88	-90.2		.35	clear 1.90
1.5	1204	3455	24.24	6.87	-82.9		.27	clear 3.52
2.0	1206	3457	24.26	6.87	-81.9		.23	clear 2.31
2.5	1208	3462	24.34	6.86	-73.4		.21	clear 1.84
3.0	1210	3467	24.41	6.86	-75.4		.21	clear 1.03
3.5	1212	3463	24.48	6.87	-74.6		.20	clear .69
4.0	1214	3460	24.38	6.85	-74.2		.20	clear .65
4.5	1216	3458	24.40	6.95	-73.8		.18	clear .60

Total Water Volume Purged: 4.5 liters Gallons = _____ Well Volumes
Purged Dry (Y/N): _____
Comments: _____

Well Sect Locking cap? yes no
Bolts secured? yes no



GROUNDWATER COLLECTION LOG

ATC ASSOCIATES INC.
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LAS VEGAS, NEVADA 89120-2457
(702) 798-5750 (702) 798-5742 fax

Project Name: Maryland square
Project Number: _____
Sampler's Name: ed

Well ID: MW-17
Sample ID: MW-17
Sample Collection Date/Time: 11/12/11 1045

Purging Equipment: LOW FLOW
Sampling Equipment: LOW FLOW

Casing Type: PVC
Casing Diameter: 4 inch
Depth to Well Bottom: 30.20 feet
Depth to Water: 19.45 feet
Length of Static Water: 10.75 feet
Unit Casing Volume: x _____ gallons/foot
Casing Water Volume: _____ gallons
Purging Volumes: x _____ each
Estimated Purge Volume: _____ gallons

2" = 0.16 gal/lin ft.
3" = 0.37 gal/lin ft.
4" = 0.67 gal/lin ft.
6" = 1.47 gal/lin ft.
8" = 2.60 gal/lin ft.
10" = 4.10 gal/lin ft.

Pumped

Initial sample: _____ Was free product observed? _____
Comments: _____

Purged (gal)	Time	Conductance mS/cm	Temp. (C)	pH	ORP(mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
<i>ed</i> 0.5	1038	2.472	23.61	7.03	267.9	2.555	3.18	Clear 10.86
1.0	1040	3.487	23.95	7.02	272.0	2.267	2.70	clear 6.85
1.5	1042	3.491	24.00	7.01	273.4	2.268	2.70	clear 3.92
2.0	1044	3.491	24.09	7.00	274.2	2.64	2.68	clear 5.73

Total Water Volume Purged: 2.0 Gallons = _____ Well Volumes
Purged Dry (Y/N): N
Comments: _____

Well Sec Locking cap? yes no
Bolts secured? yes no



GROUNDWATER COLLECTION LOG

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 (702) 798-5750 (702) 798-5742 fax

Project Name: Maryland square
 Project Number: _____
 Sampler's Name: Norm

Well ID: MW-18
 Sample ID: MW-18
 Sample Collection Date/Time: 11/11/11 1532

Purging Equipment: Low-Flow
 Sampling Equipment: Low-Flow

Casing Type: PVC

Casing Diameter: _____ inch
 Depth to Well Bottom: 20.39 feet
 Depth to Water: 13.39 feet
 Length of Static Water: 7.00 feet
 Unit Casing Volume: x _____ gallons/foot
 Casing Water Volume: _____ gallons
 Purging Volumes: x _____ each
 Estimated Purge Volume: _____ gallons

Pump @ 17'

2" = 0.16 gal/lin ft.
 3" = 0.37 gal/lin ft.
 4" = 0.67 gal/lin ft.
 6" = 1.47 gal/lin ft.
 8" = 2.60 gal/lin ft.
 10" = 4.10 gal/lin ft.

Initial sample: _____ Was free product observed? _____
 Comments: _____

Purged (gal.)	Time	Conductance mS/cm	Temp. (C)	pH	ORP(mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
0.5	1520	3.210	24.79	7.01	188.4	2.086	4.04	clear 1.07
1.0	1522	3.209	24.98	7.02	184.1	2.088	4.05	clear 0.95
1.5	1524	3.213	24.99	7.02	180.4	2.088	4.01	clear 1.06
2.0	1526	3.213	24.97	7.02	177.8	2.089	4.01	clear 1.33

Total Water Volume Purged: 2.0 Gallons = _____ Well Volumes
 Purged Dry (Y/N): N
 Comments: _____

Well Secu Locking cap? yes no
 Bolts secured? yes no



GROUNDWATER COLLECTION LOG

ATC ASSOCIATES INC.
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 (702) 798-5750 (702) 798-5742 fax

Project Name: Maryland Square
 Project Number: _____
 Sampler's Name: Ernie

Well ID: MW-19
 Sample ID: MW-19
 Sample Collection Date/Time: 11/10/19

Purging Equipment: Low flow
 Sampling Equipment: Low flow

Casing Type: PVC
 Casing Diameter: 2 inch
 Depth to Well Bottom: 30.32 feet
 Depth to Water: 27.50 feet
 Length of Static Water: 2.82 feet
 Unit Casing Volume: x _____ gallons/foot
 Casing Water Volume: _____ gallons
 Purging Volumes: x _____ each
 Estimated Purge Volume: _____ gallons

2" = 0.16 gal/lin ft.
 3" = 0.37 gal/lin ft.
 4" = 0.67 gal/lin ft.
 6" = 1.47 gal/lin ft.
 8" = 2.60 gal/lin ft.
 10" = 4.10 gal/lin ft.

Purge @ 29'

Initial sample: _____ Was free product observed? _____
 Comments: _____

Purged (gals)	Time	Conductance mS/cm	Temp. (C)	pH	ORP(mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
0.5	10:10	3.136	24.04	7.09	122.6	2.040	5.00	clear 52.2
1.0	10:22	3.135	24.10	7.08	123.8	2.042	4.98	clear 52.0
1.5	10:24	3.138	24.04	7.07	126.8	2.040	4.97	clear 45.3
2.0	10:26	3.139	24.06	7.07	128.4	2.040	4.72	clear 40.7
2.5	10:28	3.140	24.03	7.07	128.6	2.042	4.70	clear 36.1
3.0	10:30	3.141	24.01	7.06	129.4	2.042	4.60	clear 35.8
3.5	10:32	3.140	23.97	7.06	130.9	2.041	4.59	clear 35.6
4.0	10:34	3.142	23.94	7.05	131.0	2.041	4.58	clear 35.4

Total Water Volume Purged: 4.1 gals Gallons = _____ Well Volumes
 Purged Dry (Y/N): Y
 Comments: _____

Well Sect Locking cap? yes no
 Bolts secured? yes no



GROUNDWATER COLLECTION LOG

ATC ASSOCIATES INC.
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LAS VEGAS, NEVADA 89120-2457
(702) 798-5750 (702) 798-5742 fax

Project Name: Maryland Square
Project Number: _____
Sampler's Name: E Byers

Well ID: MCW-20
Sample ID: MW 20
Sample Collection Date/Time: 11/10/11 9:46

Purging Equipment: low flow
Sampling Equipment: low flow

Casing Type: PVC
Casing Diameter: _____ inch
Depth to Well Bottom: 32.60 feet
Depth to Water: 27.35 feet
Length of Static Water: 5.25 feet
Unit Casing Volume: x _____ gallons/foot
Casing Water Volume: _____ gallons
Purging Volumes: x _____ each
Estimated Purge Volume: _____ gallons

Pump @
30'

2" = 0.16 gal/lin ft.
3" = 0.37 gal/lin ft.
4" = 0.67 gal/lin ft.
6" = 1.47 gal/lin ft.
8" = 2.60 gal/lin ft.
10" = 4.10 gal/lin ft.

Initial sample: _____ Was free product observed? _____
Comments: _____

Purged (gal)	Time	Conductance mS/cm	Temp. (C) ±.2	pH ±.2	ORP(mV) ±.20	TDS (g/L)	DO (mg/L) ±.10%	Water Description: Color, Turbidity, Sheen, Etc.
.5	928	3.252	24.23	7.06	139.4	2.118	2.70	clear 56.3
1.0	930	3.272	24.22	7.06	137.9	2.132	2.70	clear 44.3
1.5	932	3.308	24.40	7.05	134.6	2.150	2.96	clear 26.4
2.0	934	3.317	24.39	7.06	134.2	2.155	2.80	clear 26.2
2.5	936	3.321	24.34	7.04	132.2	2.157	2.80	clear 26.1
3.0	938	3.325	24.35	7.04	131.3	2.161	2.80	clear 25.9

Total Water Volume Purged: 3.1 Gallons = _____ Well Volumes
Purged Dry (Y/N): N
Comments: _____

Well Sect Locking cap? Y yes no
Bolts secured? Y yes no



GROUNDWATER COLLECTION LOG

ATC ASSOCIATES INC.
 2925 EAST PATRICK LANE, SUITE M
 LAS VEGAS, NEVADA 89120-2457
 (702) 798-5750 (702) 798-5742 fax

Project Name: Maryland Drive
 Project Number: 6
 Sampler's Name: Elbers

Well ID: MW-21
 Sample ID: MW-21
 Sample Collection Date/Time: 11/9/11 1505

Purging Equipment: Low flow
 Sampling Equipment: Low flow

Casing Type: PVC
 Casing Diameter: 2 inch 2" = 0.16 gal/lin ft.
 Depth to Well Bottom: 34.00 feet 3" = 0.37 gal/lin ft.
 Depth to Water: - 26.47 feet 4" = 0.67 gal/lin ft.
 Length of Static Water: 7.53 feet 6" = 1.47 gal/lin ft.
 Unit Casing Volume: x _____ gallons/foot 8" = 2.60 gal/lin ft.
 Casing Water Volume: _____ gallons 10" = 4.10 gal/lin ft.
 Purging Volumes: x _____ each
 Estimated Purge Volume: _____ gallons

Pump @
30'

Initial sample: _____ Was free product observed? _____

Comments: _____

Purged (gal.)	Time	Conductance mS/cm	Temp. (C) ± .2	pH ± .2	ORP(mV) ± 20	TDS (g/L)	DO (mg/L) ± 10%	Water Description: Color, Turbidity, Sheen, Etc.
0.5	14.48	3948	24.76	6.85	-36.9		0.32	clear 26.70
1.0	14.50	3975	24.75	6.83	-37.6		0.26	clear 16.83
1.5	14.52	3980	24.78	6.82	-38.0		0.19	clear 15.05
2.0	14.54	3981	24.75	6.81	-38.1		0.17	clear 13.77
2.5	14.56	3973	24.78	6.81	-38.3		0.16	clear 13.70
3.0	14.58	3974	24.75	6.81	-38.4		0.16	clear 13.81

Total Water Volume Purged: 3.0 liters Gallons = _____ Well Volumes

Purged Dry (Y/N): N

Comments: _____

Well Sect Locking cap? yes no
 Bolts secured? yes no



GROUNDWATER COLLECTION LOG

ATC ASSOCIATES INC.
 2925 EAST PATRICK LANE, SUITE M
 LAS VEGAS, NEVADA 89120-2457
 (702) 798-5750 (702) 798-5742 fax

Project Name: Maryland Square
 Project Number: _____
 Sampler's Name: Norman

Well ID: MW-23
 Sample ID: MW-23
 Sample Collection Date/Time: 4/14/15 1502

Purging Equipment: Low-Flow
 Sampling Equipment: Low-Flow

Casing Type: PVC
 Casing Diameter: 4 inch
 Depth to Well Bottom: 25.39 feet
 Depth to Water: 17.41 feet
 Length of Static Water: 7.98 feet
 Unit Casing Volume: x _____ gallons/foot
 Casing Water Volume: _____ gallons
 Purging Volumes: x _____ each
 Estimated Purge Volume: _____ gallons

2" = 0.16 gal/lin ft.
 3" = 0.37 gal/lin ft.
 4" = 0.67 gal/lin ft.
 6" = 1.47 gal/lin ft.
 8" = 2.60 gal/lin ft.
 10" = 4.10 gal/lin ft.

Pump @ 21'

Initial sample: _____ Was free product observed? _____

Comments: _____

Purged (gal.)	Time	Conductance mS/cm	Temp. (C)	pH	ORP(mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
.5	1450	3.251	23.27	6.97	184.7	2.119	3.50	clear 2.27
1.0	1452	3.263	23.49	6.98	177.6	2.113	2.60	clear 1.53
1.5	1454	3.265	23.55	6.98	173.1	2.124	2.30	clear 1.12
2.0	1456	3.261	23.55	6.98	170.7	2.119	2.30	clear 1.17
2.5	1458	3.265	23.58	6.97	170.2	2.120	2.28	clear 0.78

Total Water Volume Purged: 2.5 Gallons = _____ Well Volumes

Purged Dry (Y/N): N

Comments: _____

Well Sect Locking cap? yes no
 Bolts secured? yes no 1-Bolt not threading in



GROUNDWATER COLLECTION LOG

ATC ASSOCIATES INC.
 2925 EAST PATRICK LANE, SUITE M
 LAS VEGAS, NEVADA 89120-2457
 (702) 798-5750 (702) 798-5742 fax

Project Name: Maryland Square
 Project Number: _____
 Sampler's Name: Aborn

Well ID: mw-24
 Sample ID: mw-24
 Sample Collection Date/Time: 4/11/11 1036

Purging Equipment: low flow
 Sampling Equipment: low flow

Casing Type: PVC
 Casing Diameter: 4 inch
 Depth to Well Bottom: 20.40 feet
 Depth to Water: 15.12 feet
 Length of Static Water: 5.28 feet
 Unit Casing Volume: x _____ gallons/foot
 Casing Water Volume: _____ gallons
 Purging Volumes: x _____ each
 Estimated Purge Volume: _____ gallons

2" = 0.16 gal/lin ft.
 3" = 0.37 gal/lin ft.
 4" = 0.67 gal/lin ft.
 6" = 1.47 gal/lin ft.
 8" = 2.60 gal/lin ft.
 10" = 4.10 gal/lin ft.

Pump @ 18'

Initial sample: _____ Was free product observed? _____

Comments: _____

Purged (gals)	Time	Conductance mS/cm	Temp. (C) ± .2	pH ± .2	ORP(mV) ± 20	TDS (g/L)	DO (mg/L) ± 10%	Water Description: Color, Turbidity, Sheen, Etc.
.5	1020	3.058	24.97	6.99	166.6	1.990	1.74	clear 0.40
1.0	1022	3.060	25.00	7.00	159.2	1.990	1.45	clear 0.38
1.5	1024	3.061	25.03	7.00	155.3	1.889	1.33	clear 0.37
2.0	1026	3.061	24.91	7.00	152.6	1.990	1.28	clear 0.24
2.5	1028	3.061	25.04	7.00	150.8	1.990	1.26	clear 0.59
3.0	1030	3.061	24.98	7.00	149.5	1.990	1.25	clear 0.19
3.5	1032	3.061	24.98	7.00	148.7	1.990	1.25	clear 0.20

Total Water Volume Purged: 3.5 liters Gallons = _____ Well Volumes
 Purged Dry (Y/N): N
 Comments: _____

Well Sect Locking cap? yes no
 Bolts secured? yes no 1 Bolt does not secure



GROUNDWATER COLLECTION LOG

ATC ASSOCIATES INC.
 2925 EAST PATRICK LANE, SUITE M
 LAS VEGAS, NEVADA 89120-2457
 (702) 798-5750 (702) 798-5742 fax

Project Name: Mayland square
 Project Number: _____
 Sampler's Name: Worm

Well ID: MW-25
 Sample ID: MW-25
 Sample Collection Date/Time: 1/11/11 12:41

Purging Equipment: Low-Flow
 Sampling Equipment: Low-Flow

Casing Type: PVC
 Casing Diameter: _____ inch
 Depth to Well Bottom: 26.02 feet
 Depth to Water: 20.62 feet
 Length of Static Water: 5.4 feet
 Unit Casing Volume: x _____ gallons/foot
 Casing Water Volume: _____ gallons
 Purging Volumes: x _____ each
 Estimated Purge Volume: _____ gallons

2" = 0.16 gal/lin ft.
 3" = 0.37 gal/lin ft.
 4" = 0.67 gal/lin ft.
 6" = 1.47 gal/lin ft.
 8" = 2.60 gal/lin ft.
 10" = 4.10 gal/lin ft.

Pump 23'

Initial sample: _____ Was free product observed? _____
 Comments: _____

tes

Purged (gal.)	Time	Conductance mS/cm	Temp. (C)	pH	ORP(mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
.5	1130	3.423	22.92	6.95	173.5	2.225	2.64	clear 2.09
1.0	1132	3.422	23.21	6.96	170.4	2.225	2.28	clear 0.91
1.5	1134	3.424	23.27	6.96	167.0	2.226	2.27	clear 1.06
2.0	1136	3.425	23.26	6.96	165.8	2.226	2.28	clear 0.54

Total Water Volume Purged: 2.0 liters Gallons = _____ Well Volumes _____
 Purged Dry (Y/N): Y
 Comments: _____

Well Sect Locking cap? yes no
 Bolts secured? yes no



GROUNDWATER COLLECTION LOG

ATC ASSOCIATES INC.
2925 EAST PATRICK LANE, SUITE M
LAS VEGAS, NEVADA 89120-2457
(702) 798-5750 (702) 798-5742 fax

Project Name: Maryland square
Project Number: _____
Sampler's Name: Norm

Well ID: mw-26
Sample ID: MW-26
Sample Collection Date/Time: 11/11

Purging Equipment: low-flow
Sampling Equipment: low flow

Casing Type: PVC
Casing Diameter: 4 inch
Depth to Well Bottom: 34.95 feet
Depth to Water: 18.72 feet
Length of Static Water: 16.23 feet
Unit Casing Volume: x _____ gallons/foot
Casing Water Volume: _____ gallons
Purging Volumes: x _____ each
Estimated Purge Volume: _____ gallons

Pump @ 27'

2" = 0.16 gal/lin ft.
3" = 0.37 gal/lin ft.
4" = 0.67 gal/lin ft.
6" = 1.47 gal/lin ft.
8" = 2.60 gal/lin ft.
10" = 4.10 gal/lin ft.

Initial sample: _____ Was free product observed? _____
Comments: _____

Purged (gal.)	Time	Conductance mS/cm	Temp. (C)	pH	ORP(mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
0.5	13:48	3.534	23.06	6.97	172.7	2304	2.60	clear 0.97
1.0	1350	3.551	23.28	6.97	167.6	2308	2.31	clear 0.29
1.5	1352	3.553	23.39	6.97	164.0	2310	2.15	clear 0.30
2.0	1354	3.553	23.34	6.96	161.8	2310	2.15	clear 0.39
2.5	1356	3.555	23.33	6.97	160.7	2310	2.14	clear 0.59

Total Water Volume Purged: 2.5 liters Gallons = _____ Well Volumes
Purged Dry (Y/N): N
Comments: _____

Well Sect Locking cap? yes no
Bolts secured? yes no



GROUNDWATER COLLECTION LOG

ATC ASSOCIATES INC.
2925 EAST PATRICK LANE, SUITE M
LAS VEGAS, NEVADA 89120-2457
(702) 798-5750 (702) 798-5742 fax

Project Name: Maryland square
Project Number: _____
Sampler's Name: Norm

Well ID: mw-27
Sample ID: mw-27
Sample Collection Date/Time: 11/11/11 1430

Purging Equipment: Low Flow
Sampling Equipment: Low Flow

Casing Type: PVC
Casing Diameter: 4 inch
Depth to Well Bottom: 35.22 feet
Depth to Water: 17.32 feet
Length of Static Water: 17.90 feet
Unit Casing Volume: x _____ gallons/foot
Casing Water Volume: _____ gallons
Purging Volumes: x _____ each
Estimated Purge Volume: _____ gallons

2" = 0.16 gal/lin ft.
3" = 0.37 gal/lin ft.
4" = 0.67 gal/lin ft.
6" = 1.47 gal/lin ft.
8" = 2.60 gal/lin ft.
10" = 4.10 gal/lin ft.

Pump @ 20'

Initial sample: _____ Was free product observed? _____
Comments: _____

28

Purged (gal)	Time	Conductance mS/cm	Temp. (C)	pH	ORP(mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
.5	1418	3.521	22.34	6.97	176.9	2.289	2.90	clear 1.89
1.0	1420	3.524	22.55	6.96	169.6	2.291	2.39	clear 1.69
1.5	1422	3.526	22.61	6.96	165.2	2.291	2.10	clear 2.09
2.0	1424	3.526	22.60	6.96	164.1	2.292	2.09	clear 1.41
2.5	1426	3.524	22.62	6.96	163.5	2.291	2.09	clear 1.40

Total Water Volume Purged: 2.5 Gallons = _____ Well Volumes
Purged Dry (Y/N): N
Comments: _____

Well Secu Locking cap? yes no
Bolts secured? yes no



GROUNDWATER COLLECTION LOG

ATC ASSOCIATES INC.
2925 EAST PATRICK LANE, SUITE M
LAS VEGAS, NEVADA 89120-2457
(702) 798-5750 (702) 798-5742 fax

Project Name: Maryland square
Project Number: _____
Sampler's Name: Norm

Well ID: mw-28
Sample ID: mw-28
Sample Collection Date/Time: 11/11/11 948

Purging Equipment: Low-Flow
Sampling Equipment: Low Flow

Casing Type: PVC
Casing Diameter: 4 inch
Depth to Well Bottom: 34.55 feet
Depth to Water: 14.42 feet
Length of Static Water: 20.13 feet
Unit Casing Volume: x _____ gallons/foot
Casing Water Volume: _____ gallons
Purging Volumes: x _____ each
Estimated Purge Volume: _____ gallons

Pump at 24'

2" = 0.16 gal/lin ft.
3" = 0.37 gal/lin ft.
4" = 0.67 gal/lin ft.
6" = 1.47 gal/lin ft.
8" = 2.60 gal/lin ft.
10" = 4.10 gal/lin ft.

Initial sample: _____ Was free product observed? _____

Comments: _____

ref

Purged (feet)	Time	Conductance mS/cm	Temp. (C)	pH	ORP(mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
.5	9:36	3.730	21.92	6.99	173.2	2.424	1.32	clear 1.51
1.0	9:38	3.735	22.13	7.00	164.0	2.428	1.05	clear 1.92
1.5	9:40	3.738	22.07	7.00	160.4	2.429	1.03	clear 1.66
2.0	9:42	3.738	22.19	6.99	158.4	2.428	1.03	clear 2.13
2.5	9:44	3.737	22.10	6.99	156.5	2.430	1.01	clear 1.51

Total Water Volume Purged: 2.5 liters Gallons = _____ Well Volumes
Purged Dry (Y/N): Y
Comments: _____

Well Sect Locking cap? yes no
Bolts secured? yes no



GROUNDWATER COLLECTION LOG

ATC ASSOCIATES INC.
2925 EAST PATRICK LANE, SUITE M
LAS VEGAS, NEVADA 89120-2457
(702) 798-5750 (702) 798-5742 fax

Project Name: Maryland square
Project Number: _____
Sampler's Name: Norm

Well ID: mw-29
Sample ID: mw-29
Sample Collection Date/Time: 11/11/11 911

Purging Equipment: Low-Flow
Sampling Equipment: Low-Flow

Casing Type: PVC
Casing Diameter: 4 inch
Depth to Well Bottom: 34.78 feet
Depth to Water: 13.85 feet
Length of Static Water: 20.93 feet
Unit Casing Volume: x _____ gallons/foot
Casing Water Volume: _____ gallons
Purging Volumes: x _____ each
Estimated Purge Volume: _____ gallons

Pump @ 29'

2" = 0.16 gal/lin ft.
3" = 0.37 gal/lin ft.
4" = 0.67 gal/lin ft.
6" = 1.47 gal/lin ft.
8" = 2.60 gal/lin ft.
10" = 4.10 gal/lin ft.

Initial sample: _____ Was free product observed? _____

Comments: _____

Purged (gal)	Time	Conductance mS/cm	Temp. (C)	pH	ORP(mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
.5	900	3.722	19.48	7.02	186.8	2.422	4.76	clear 7.28
1.0	902	3.736	19.79	7.03	185.0	2.429	4.72	clear 6.91
1.5	904	3.737	19.77	7.03	183.9	2.429	4.20	clear 4.03
2.0	906	3.740	19.77	7.03	183.2	2.430	3.98	clear 4.21

Total Water Volume Purged: 2.0 1 sheen Gallons = _____ Well Volumes
Purged Dry (Y/N): N
Comments: _____

Well Sect. Locking cap? X yes ___ no
Bolts secured? X yes ___ no



GROUNDWATER COLLECTION LOG

ATC ASSOCIATES INC.
2925 EAST PATRICK LANE, SUITE M
LAS VEGAS, NEVADA 89120-2457
(702) 798-5750 (702) 798-5742 fax

Project Name: Maryland square
Project Number: _____
Sampler's Name: Roy/Noon

Well ID: MW-30
Sample ID: MW-30
Sample Collection Date/Time: 11/14/11 11:19

Purging Equipment: Low Flow
Sampling Equipment: Low Flow

Casing Type: PVC
Casing Diameter: 4 inch
Depth to Well Bottom: 39.71 feet
Depth to Water: 19.47 feet
Length of Static Water: 20.24 feet
Unit Casing Volume: x _____ gallons/foot
Casing Water Volume: _____ gallons
Purging Volumes: x _____ each
Estimated Purge Volume: _____ gallons

2" = 0.16 gal/lin ft.
3" = 0.37 gal/lin ft.
4" = 0.67 gal/lin ft.
6" = 1.47 gal/lin ft.
8" = 2.60 gal/lin ft.
10" = 4.10 gal/lin ft.

Pump @ 29'

Initial sample: _____ Was free product observed? _____
Comments: _____

ERS

Purged (gal:)	Time	Conductance mS/cm	Temp. (C)	pH	ORP(mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
.5	11:07	2.812	20.52	7.00	177.0	1.827	5.50	CLEAR 2.83
1.0	11:09	2.811	20.54	6.98	179.0	1.828	5.01	CLEAR 3.05
1.5	11:11	2.815	20.53	6.97	180.1	1.830	4.81	CLEAR 3.79
2.0	11:13	2.816	20.53	6.97	181.1	1.830	4.73	CLEAR 3.98
2.5	11:15	2.819	20.52	6.97	181.3	1.831	4.70	CLEAR 3.13
3.0	11:17	2.817	20.48	6.97	182.0	1.831	4.70	CLEAR 2.93

Total Water Volume Purged: 3.0 LITERS Gallons = _____ Well Volumes
Purged Dry (Y/N): N
Comments: _____

Well Sect Locking cap? yes no
Bolts secured? yes no

11:19



GROUNDWATER COLLECTION LOG

ATC ASSOCIATES INC.
 2925 EAST PATRICK LANE, SUITE M
 LAS VEGAS, NEVADA 89120-2457
 (702) 798-5750 (702) 798-5742 fax

Project Name: Maryland square
 Project Number: _____
 Sampler's Name: Norm

Well ID: MW-31
 Sample ID: MW-31
 Sample Collection Date/Time: 4/11/11

Purging Equipment: Low-Flow
 Sampling Equipment: Low-Flow

Casing Type: PVC
 Casing Diameter: _____ inch
 Depth to Well Bottom: 33.65 feet
 Depth to Water: 17.93 feet
 Length of Static Water: 15.72 feet
 Unit Casing Volume: x _____ gallons/foot
 Casing Water Volume: _____ gallons
 Purging Volumes: x _____ each
 Estimated Purge Volume: _____ gallons

2" = 0.16 gal/lin ft.
 3" = 0.37 gal/lin ft.
 4" = 0.67 gal/lin ft.
 6" = 1.47 gal/lin ft.
 8" = 2.60 gal/lin ft.
 10" = 4.10 gal/lin ft.

Pump @ 26'

Initial sample: _____ Was free product observed? _____

Comments: _____

65

Purged (gal.)	Time	Conductance mS/cm	Temp. (C)	pH	ORP(mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
0.5	1140	3.792	20.92	6.90	177.6	2.470	4.26	clear 5.17
1.0	1142	3.802	21.20	6.91	177.3	2.471	3.91	clear 5.67
1.5	1144	3.805	21.26	6.90	177.3	2.474	3.88	clear 5.90
2.0	1146	3.805	21.23	6.90	177.5	2.473	3.86	clear 6.45

Total Water Volume Purged: 2.0 liters Gallons = _____ Well Volumes _____
 Purged Dry (Y/N): N
 Comments: _____

Well Sect Locking cap? yes no
 Bolts secured? yes no



GROUNDWATER COLLECTION LOG

ATC ASSOCIATES INC.
 2925 EAST PATRICK LANE, SUITE M
 LAS VEGAS, NEVADA 89120-2457
 (702) 798-5750 (702) 798-5742 fax

Project Name: Maryland Spill
 Project Number: _____
 Sampler's Name: MGM

Well ID: MW-32
 Sample ID: MW-32
 Sample Collection Date/Time: 11/11/11 1327

Purging Equipment: Low Flow
 Sampling Equipment: LOW-FLOW

Casing Type: PVC
 Casing Diameter: 4 inch
 Depth to Well Bottom: 33.71 feet
 Depth to Water: 20.24 feet
 Length of Static Water: 13.47 feet
 Unit Casing Volume: x _____ gallons/foot
 Casing Water Volume: _____ gallons
 Purging Volumes: x _____ each
 Estimated Purge Volume: _____ gallons

Pump @ 27'

2" = 0.16 gal/lin ft.
 3" = 0.37 gal/lin ft.
 4" = 0.67 gal/lin ft.
 6" = 1.47 gal/lin ft.
 8" = 2.60 gal/lin ft.
 10" = 4.10 gal/lin ft.

Initial sample: _____ Was free product observed? _____

Comments: _____

Liters

Purged (gal.)	Time	Conductance mS/cm	Temp. (C)	pH	ORP(mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
0.5	1316	3.398	23.09	7.04	161.6	2.208	4.28	clear 2.87
1.0	1318	3.399	23.27	7.04	158.9	2.138	3.29	clear 3.20
1.5	1320	3.349	23.34	7.03	158.3	2.151	3.28	clear 2.93
2.0	1322	3.340	23.32	7.03	160.5	2.157	3.28	clear 1.80

Total Water Volume Purged: 2.0 liters Gallons = _____ Well Volumes
 Purged Dry (Y/N): N
 Comments: _____

Well Sect Locking cap? yes no
 Bolts secured? yes no



GROUNDWATER COLLECTION LOG

ATC ASSOCIATES INC.
2925 EAST PATRICK LANE, SUITE M
LAS VEGAS, NEVADA 89120-2457
(702) 798-5750 (702) 798-5742 fax

Project Name: Maryland square
Project Number: _____
Sampler's Name: Werner

Well ID: MW-33
Sample ID: MW-33
Sample Collection Date/Time: 11/11/11 838

Purging Equipment: Low-Flow
Sampling Equipment: Low-Flow

Casing Type: PVC
Casing Diameter: 4 inch
Depth to Well Bottom: 33.56 feet
Depth to Water: 14.72 feet
Length of Static Water: 14.84 feet
Unit Casing Volume: _____ x _____ gallons/foot
Casing Water Volume: _____ gallons
Purging Volumes: _____ x _____ each
Estimated Purge Volume: _____ gallons

2" = 0.16 gal/lin ft.
3" = 0.37 gal/lin ft.
4" = 0.67 gal/lin ft.
6" = 1.47 gal/lin ft.
8" = 2.60 gal/lin ft.
10" = 4.10 gal/lin ft.

Pump @ 26

Initial sample: _____ Was free product observed? _____
Comments: _____

Purged (bals)	Time	Conductance mS/cm	Temp. (C)	pH	ORP(mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
.5	8:28	3.538	20.81	6.82	194.7	2.301	2.86	clear 2.52
1.0	8:28	3.554	21.48	6.91	188.7	2.311	2.49	clear 3.99
1.5	8:30	3.555	21.53	6.93	186.0	2.312	2.20	clear 3.92
2.0	8:32	3.557	21.58	6.94	183.9	2.312	2.22	clear 6.00
2.5	8:34	3.558	21.62	6.96	180.8	2.313	2.21	clear 6.77

Total Water Volume Purged: 2.51 gal Gallons = _____ Well Volumes
Purged Dry (Y/N): N
Comments: _____

Well Sec Locking cap? yes no
Bolts secured? yes no - Dies not lock

APPENDIX B
LABORATORY ANALYTICAL REPORTS

November 21, 2011

Andrew Stuart
ATC Associates Inc.
2925 E. Patrick Lane
Las Vegas, NV 89120
TEL: (702) 798-5750
FAX: (702) 798-5742

CA-ELAP No.: 2676
NV Cert. No.: NV-009222007A

Workorder No.: N006814

RE: MARYLAND SQUARE SHOPPING CENTER

Attention: Andrew Stuart

Enclosed are the results for sample(s) received on November 11, 2011 by Advanced Technology Laboratories, Inc. . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

I hereby certify that all laboratory analysis requested were performed by Nevada Division of Environmental Protection-certified laboratory for the parameters and matrices reported herein.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Jose Tenorio Jr.
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories - Las Vegas.



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

CLIENT: ATC Associates Inc.
Project: MARYLAND SQUARE SHOPPING CENTER
Lab Order: N006814

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

Samples were received intact with proper chain of custody documentation.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Samples were analyzed within method holding time.

Analytical Comments for EPA 8260B:

For samples RINSE AID, FIELD BLANK, and TRIP BLANK, the methylene chloride detected in the samples are possibly due to laboratory contamination due to DI water provided to client. Methylene chloride is a solvent commonly used for semivolatile organic extraction. All samples were none detect (ND) for methylene chloride.

Laboratory Control Sample (LCS) and Matrix Spike (MS) were high for trans-1,2-Dichloroethene on batch D11VW169. Sample results were non-detect (ND) for this analyte therefore reanalysis of the samples was not necessary.



Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** TRIP BLANK
Lab Order: N006814 **Collection Date:** 11/11/2011 6:00:00 AM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006814-001

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
				EPA 8260B		
RunID: MS1_111115B	QC Batch: D11VW168			PrepDate:	Analyst: QBM	
1,1,1,2-Tetrachloroethane	ND	0.50		µg/L	1	11/15/2011 03:39 PM
1,1,1-Trichloroethane	ND	0.50		µg/L	1	11/15/2011 03:39 PM
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	11/15/2011 03:39 PM
1,1,2-Trichloroethane	ND	0.50		µg/L	1	11/15/2011 03:39 PM
1,1-Dichloroethane	ND	0.50		µg/L	1	11/15/2011 03:39 PM
1,1-Dichloroethene	ND	0.50		µg/L	1	11/15/2011 03:39 PM
1,1-Dichloropropene	ND	0.50		µg/L	1	11/15/2011 03:39 PM
1,2,3-Trichlorobenzene	ND	0.50		µg/L	1	11/15/2011 03:39 PM
1,2,3-Trichloropropane	ND	0.50		µg/L	1	11/15/2011 03:39 PM
1,2,4-Trichlorobenzene	ND	0.50		µg/L	1	11/15/2011 03:39 PM
1,2,4-Trimethylbenzene	ND	0.50		µg/L	1	11/15/2011 03:39 PM
1,2-Dibromo-3-chloropropane	ND	1.0		µg/L	1	11/15/2011 03:39 PM
1,2-Dibromoethane	ND	0.50		µg/L	1	11/15/2011 03:39 PM
1,2-Dichlorobenzene	ND	0.50		µg/L	1	11/15/2011 03:39 PM
1,2-Dichloroethane	ND	0.50		µg/L	1	11/15/2011 03:39 PM
1,2-Dichloropropane	ND	0.50		µg/L	1	11/15/2011 03:39 PM
1,3,5-Trimethylbenzene	ND	0.50		µg/L	1	11/15/2011 03:39 PM
1,3-Dichlorobenzene	ND	0.50		µg/L	1	11/15/2011 03:39 PM
1,3-Dichloropropane	ND	0.50		µg/L	1	11/15/2011 03:39 PM
1,4-Dichlorobenzene	ND	0.50		µg/L	1	11/15/2011 03:39 PM
2,2-Dichloropropane	ND	0.50		µg/L	1	11/15/2011 03:39 PM
2-Chlorotoluene	ND	0.50		µg/L	1	11/15/2011 03:39 PM
4-Chlorotoluene	ND	0.50		µg/L	1	11/15/2011 03:39 PM
4-Isopropyltoluene	ND	0.50		µg/L	1	11/15/2011 03:39 PM
Benzene	ND	0.50		µg/L	1	11/15/2011 03:39 PM
Bromobenzene	ND	0.50		µg/L	1	11/15/2011 03:39 PM
Bromodichloromethane	ND	0.50		µg/L	1	11/15/2011 03:39 PM
Bromoform	ND	0.50		µg/L	1	11/15/2011 03:39 PM
Bromomethane	ND	0.50		µg/L	1	11/15/2011 03:39 PM
Carbon tetrachloride	ND	0.50		µg/L	1	11/15/2011 03:39 PM
Chlorobenzene	ND	0.50		µg/L	1	11/15/2011 03:39 PM
Chloroethane	ND	0.50		µg/L	1	11/15/2011 03:39 PM
Chloroform	ND	0.50		µg/L	1	11/15/2011 03:39 PM
Chloromethane	ND	0.50		µg/L	1	11/15/2011 03:39 PM
cis-1,2-Dichloroethene	ND	0.50		µg/L	1	11/15/2011 03:39 PM
Dibromochloromethane	ND	0.50		µg/L	1	11/15/2011 03:39 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



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT:	ATC Associates Inc.	Client Sample ID:	TRIP BLANK
Lab Order:	N006814	Collection Date:	11/11/2011 6:00:00 AM
Project:	MARYLAND SQUARE SHOPPING CENTER	Matrix:	WATER
Lab ID:	N006814-001		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111115B	QC Batch: D11VW168	PrepDate:	Analyst: QBM		
Dibromomethane	ND	0.50	µg/L	1	11/15/2011 03:39 PM
Dichlorodifluoromethane	ND	0.50	µg/L	1	11/15/2011 03:39 PM
Ethylbenzene	ND	0.50	µg/L	1	11/15/2011 03:39 PM
Hexachlorobutadiene	ND	0.50	µg/L	1	11/15/2011 03:39 PM
Isopropylbenzene	ND	0.50	µg/L	1	11/15/2011 03:39 PM
m,p-Xylene	ND	1.0	µg/L	1	11/15/2011 03:39 PM
Methylene chloride	3.0	1.0	µg/L	1	11/15/2011 03:39 PM
MTBE	ND	0.50	µg/L	1	11/15/2011 03:39 PM
n-Butylbenzene	ND	0.50	µg/L	1	11/15/2011 03:39 PM
n-Propylbenzene	ND	0.50	µg/L	1	11/15/2011 03:39 PM
Naphthalene	ND	0.50	µg/L	1	11/15/2011 03:39 PM
o-Xylene	ND	0.50	µg/L	1	11/15/2011 03:39 PM
sec-Butylbenzene	ND	0.50	µg/L	1	11/15/2011 03:39 PM
Styrene	ND	0.50	µg/L	1	11/15/2011 03:39 PM
tert-Butylbenzene	ND	0.50	µg/L	1	11/15/2011 03:39 PM
Tetrachloroethene	ND	0.50	µg/L	1	11/15/2011 03:39 PM
Toluene	ND	0.50	µg/L	1	11/15/2011 03:39 PM
trans-1,2-Dichloroethene	ND	0.50	µg/L	1	11/15/2011 03:39 PM
Trichloroethene	ND	0.50	µg/L	1	11/15/2011 03:39 PM
Trichlorofluoromethane	ND	0.50	µg/L	1	11/15/2011 03:39 PM
Vinyl chloride	ND	0.50	µg/L	1	11/15/2011 03:39 PM
Surr: 1,2-Dichloroethane-d4	92.0	56-120	%REC	1	11/15/2011 03:39 PM
Surr: 4-Bromofluorobenzene	99.3	80-120	%REC	1	11/15/2011 03:39 PM
Surr: Dibromofluoromethane	110	72-120	%REC	1	11/15/2011 03:39 PM
Surr: Toluene-d8	114	80-123	%REC	1	11/15/2011 03:39 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		



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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** MW-33
Lab Order: N006814 **Collection Date:** 11/11/2011 8:38:00 AM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006814-002

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_111115B	QC Batch:	D11VW168	PrepDate:	Analyst:	QBM
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
1,1,1-Trichloroethane	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
1,1,2-Trichloroethane	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
1,1-Dichloroethane	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
1,1-Dichloroethene	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
1,1-Dichloropropene	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
1,2,3-Trichloropropane	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/L	1	11/15/2011 03:13 PM	
1,2-Dibromoethane	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
1,2-Dichlorobenzene	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
1,2-Dichloroethane	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
1,2-Dichloropropane	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
1,3-Dichlorobenzene	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
1,3-Dichloropropane	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
1,4-Dichlorobenzene	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
2,2-Dichloropropane	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
2-Chlorotoluene	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
4-Chlorotoluene	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
4-Isopropyltoluene	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
Benzene	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
Bromobenzene	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
Bromodichloromethane	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
Bromoform	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
Bromomethane	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
Carbon tetrachloride	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
Chlorobenzene	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
Chloroethane	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
Chloroform	2.4	0.50	µg/L	1	11/15/2011 03:13 PM	
Chloromethane	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
cis-1,2-Dichloroethene	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
Dibromochloromethane	ND	0.50	µg/L	1	11/15/2011 03:13 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



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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** MW-33
Lab Order: N006814 **Collection Date:** 11/11/2011 8:38:00 AM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006814-002

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_111115B	QC Batch:	D11VW168	PrepDate:	Analyst:	QBM
Dibromomethane	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
Dichlorodifluoromethane	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
Ethylbenzene	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
Hexachlorobutadiene	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
Isopropylbenzene	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
m,p-Xylene	ND	1.0	µg/L	1	11/15/2011 03:13 PM	
Methylene chloride	ND	1.0	µg/L	1	11/15/2011 03:13 PM	
MTBE	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
n-Butylbenzene	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
n-Propylbenzene	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
Naphthalene	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
o-Xylene	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
sec-Butylbenzene	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
Styrene	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
tert-Butylbenzene	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
Tetrachloroethene	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
Toluene	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
trans-1,2-Dichloroethene	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
Trichloroethene	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
Trichlorofluoromethane	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
Vinyl chloride	ND	0.50	µg/L	1	11/15/2011 03:13 PM	
Surr: 1,2-Dichloroethane-d4	90.9	56-120	%REC	1	11/15/2011 03:13 PM	
Surr: 4-Bromofluorobenzene	98.1	80-120	%REC	1	11/15/2011 03:13 PM	
Surr: Dibromofluoromethane	107	72-120	%REC	1	11/15/2011 03:13 PM	
Surr: Toluene-d8	111	80-123	%REC	1	11/15/2011 03:13 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



Advanced Technology Laboratories, Inc.

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** MW-29
Lab Order: N006814 **Collection Date:** 11/11/2011 9:11:00 AM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006814-003

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
				EPA 8260B		
RunID: MS1_111115B	QC Batch: D11VW168			PrepDate:	Analyst: QBM	
1,1,1,2-Tetrachloroethane	ND	0.50		µg/L	1	11/15/2011 04:53 PM
1,1,1-Trichloroethane	ND	0.50		µg/L	1	11/15/2011 04:53 PM
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	11/15/2011 04:53 PM
1,1,2-Trichloroethane	ND	0.50		µg/L	1	11/15/2011 04:53 PM
1,1-Dichloroethane	ND	0.50		µg/L	1	11/15/2011 04:53 PM
1,1-Dichloroethene	ND	0.50		µg/L	1	11/15/2011 04:53 PM
1,1-Dichloropropene	ND	0.50		µg/L	1	11/15/2011 04:53 PM
1,2,3-Trichlorobenzene	ND	0.50		µg/L	1	11/15/2011 04:53 PM
1,2,3-Trichloropropane	ND	0.50		µg/L	1	11/15/2011 04:53 PM
1,2,4-Trichlorobenzene	ND	0.50		µg/L	1	11/15/2011 04:53 PM
1,2,4-Trimethylbenzene	ND	0.50		µg/L	1	11/15/2011 04:53 PM
1,2-Dibromo-3-chloropropane	ND	1.0		µg/L	1	11/15/2011 04:53 PM
1,2-Dibromoethane	ND	0.50		µg/L	1	11/15/2011 04:53 PM
1,2-Dichlorobenzene	ND	0.50		µg/L	1	11/15/2011 04:53 PM
1,2-Dichloroethane	ND	0.50		µg/L	1	11/15/2011 04:53 PM
1,2-Dichloropropane	ND	0.50		µg/L	1	11/15/2011 04:53 PM
1,3,5-Trimethylbenzene	ND	0.50		µg/L	1	11/15/2011 04:53 PM
1,3-Dichlorobenzene	ND	0.50		µg/L	1	11/15/2011 04:53 PM
1,3-Dichloropropane	ND	0.50		µg/L	1	11/15/2011 04:53 PM
1,4-Dichlorobenzene	ND	0.50		µg/L	1	11/15/2011 04:53 PM
2,2-Dichloropropane	ND	0.50		µg/L	1	11/15/2011 04:53 PM
2-Chlorotoluene	ND	0.50		µg/L	1	11/15/2011 04:53 PM
4-Chlorotoluene	ND	0.50		µg/L	1	11/15/2011 04:53 PM
4-Isopropyltoluene	ND	0.50		µg/L	1	11/15/2011 04:53 PM
Benzene	ND	0.50		µg/L	1	11/15/2011 04:53 PM
Bromobenzene	ND	0.50		µg/L	1	11/15/2011 04:53 PM
Bromodichloromethane	ND	0.50		µg/L	1	11/15/2011 04:53 PM
Bromoform	ND	0.50		µg/L	1	11/15/2011 04:53 PM
Bromomethane	ND	0.50		µg/L	1	11/15/2011 04:53 PM
Carbon tetrachloride	ND	0.50		µg/L	1	11/15/2011 04:53 PM
Chlorobenzene	ND	0.50		µg/L	1	11/15/2011 04:53 PM
Chloroethane	ND	0.50		µg/L	1	11/15/2011 04:53 PM
Chloroform	2.5	0.50		µg/L	1	11/15/2011 04:53 PM
Chloromethane	ND	0.50		µg/L	1	11/15/2011 04:53 PM
cis-1,2-Dichloroethene	ND	0.50		µg/L	1	11/15/2011 04:53 PM
Dibromochloromethane	ND	0.50		µg/L	1	11/15/2011 04:53 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



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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** MW-29
Lab Order: N006814 **Collection Date:** 11/11/2011 9:11:00 AM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006814-003

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
				EPA 8260B		
RunID: MS1_111115B	QC Batch: D11VW168			PrepDate:	Analyst: QBM	
Dibromomethane	ND	0.50		µg/L	1	11/15/2011 04:53 PM
Dichlorodifluoromethane	ND	0.50		µg/L	1	11/15/2011 04:53 PM
Ethylbenzene	ND	0.50		µg/L	1	11/15/2011 04:53 PM
Hexachlorobutadiene	ND	0.50		µg/L	1	11/15/2011 04:53 PM
Isopropylbenzene	ND	0.50		µg/L	1	11/15/2011 04:53 PM
m,p-Xylene	ND	1.0		µg/L	1	11/15/2011 04:53 PM
Methylene chloride	ND	1.0		µg/L	1	11/15/2011 04:53 PM
MTBE	ND	0.50		µg/L	1	11/15/2011 04:53 PM
n-Butylbenzene	ND	0.50		µg/L	1	11/15/2011 04:53 PM
n-Propylbenzene	ND	0.50		µg/L	1	11/15/2011 04:53 PM
Naphthalene	ND	0.50		µg/L	1	11/15/2011 04:53 PM
o-Xylene	ND	0.50		µg/L	1	11/15/2011 04:53 PM
sec-Butylbenzene	ND	0.50		µg/L	1	11/15/2011 04:53 PM
Styrene	ND	0.50		µg/L	1	11/15/2011 04:53 PM
tert-Butylbenzene	ND	0.50		µg/L	1	11/15/2011 04:53 PM
Tetrachloroethene	ND	0.50		µg/L	1	11/15/2011 04:53 PM
Toluene	ND	0.50		µg/L	1	11/15/2011 04:53 PM
trans-1,2-Dichloroethene	ND	0.50		µg/L	1	11/15/2011 04:53 PM
Trichloroethene	ND	0.50		µg/L	1	11/15/2011 04:53 PM
Trichlorofluoromethane	ND	0.50		µg/L	1	11/15/2011 04:53 PM
Vinyl chloride	ND	0.50		µg/L	1	11/15/2011 04:53 PM
Surr: 1,2-Dichloroethane-d4	89.0	56-120		%REC	1	11/15/2011 04:53 PM
Surr: 4-Bromofluorobenzene	97.5	80-120		%REC	1	11/15/2011 04:53 PM
Surr: Dibromofluoromethane	106	72-120		%REC	1	11/15/2011 04:53 PM
Surr: Toluene-d8	114	80-123		%REC	1	11/15/2011 04:53 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



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** MW-28
Lab Order: N006814 **Collection Date:** 11/11/2011 9:38:00 AM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006814-004

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_111115B	QC Batch:	D11VW168	PrepDate:	Analyst:	QBM
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
1,1,1-Trichloroethane	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
1,1,2-Trichloroethane	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
1,1-Dichloroethane	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
1,1-Dichloroethene	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
1,1-Dichloropropene	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
1,2,3-Trichloropropane	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/L	1	11/15/2011 05:17 PM	
1,2-Dibromoethane	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
1,2-Dichlorobenzene	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
1,2-Dichloroethane	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
1,2-Dichloropropane	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
1,3-Dichlorobenzene	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
1,3-Dichloropropane	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
1,4-Dichlorobenzene	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
2,2-Dichloropropane	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
2-Chlorotoluene	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
4-Chlorotoluene	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
4-Isopropyltoluene	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
Benzene	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
Bromobenzene	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
Bromodichloromethane	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
Bromoform	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
Bromomethane	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
Carbon tetrachloride	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
Chlorobenzene	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
Chloroethane	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
Chloroform	1.6	0.50	µg/L	1	11/15/2011 05:17 PM	
Chloromethane	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
cis-1,2-Dichloroethene	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
Dibromochloromethane	ND	0.50	µg/L	1	11/15/2011 05:17 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



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** MW-28
Lab Order: N006814 **Collection Date:** 11/11/2011 9:38:00 AM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006814-004

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_111115B	QC Batch:	D11VW168	PrepDate:	Analyst:	QBM
Dibromomethane	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
Dichlorodifluoromethane	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
Ethylbenzene	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
Hexachlorobutadiene	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
Isopropylbenzene	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
m,p-Xylene	ND	1.0	µg/L	1	11/15/2011 05:17 PM	
Methylene chloride	ND	1.0	µg/L	1	11/15/2011 05:17 PM	
MTBE	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
n-Butylbenzene	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
n-Propylbenzene	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
Naphthalene	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
o-Xylene	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
sec-Butylbenzene	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
Styrene	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
tert-Butylbenzene	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
Tetrachloroethene	0.62	0.50	µg/L	1	11/15/2011 05:17 PM	
Toluene	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
trans-1,2-Dichloroethene	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
Trichloroethene	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
Trichlorofluoromethane	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
Vinyl chloride	ND	0.50	µg/L	1	11/15/2011 05:17 PM	
Surr: 1,2-Dichloroethane-d4	95.2	56-120	%REC	1	11/15/2011 05:17 PM	
Surr: 4-Bromofluorobenzene	106	80-120	%REC	1	11/15/2011 05:17 PM	
Surr: Dibromofluoromethane	114	72-120	%REC	1	11/15/2011 05:17 PM	
Surr: Toluene-d8	120	80-123	%REC	1	11/15/2011 05:17 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



Advanced Technology Laboratories, Inc.

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** MW-24
Lab Order: N006814 **Collection Date:** 11/11/2011 10:36:00 AM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006814-005

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_111115B	QC Batch:	D11VW168	PrepDate:	Analyst:	QBM
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
1,1,1-Trichloroethane	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
1,1,2-Trichloroethane	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
1,1-Dichloroethane	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
1,1-Dichloroethene	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
1,1-Dichloropropene	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
1,2,3-Trichloropropane	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/L	1	11/15/2011 05:42 PM	
1,2-Dibromoethane	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
1,2-Dichlorobenzene	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
1,2-Dichloroethane	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
1,2-Dichloropropane	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
1,3-Dichlorobenzene	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
1,3-Dichloropropane	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
1,4-Dichlorobenzene	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
2,2-Dichloropropane	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
2-Chlorotoluene	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
4-Chlorotoluene	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
4-Isopropyltoluene	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
Benzene	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
Bromobenzene	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
Bromodichloromethane	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
Bromoform	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
Bromomethane	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
Carbon tetrachloride	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
Chlorobenzene	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
Chloroethane	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
Chloroform	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
Chloromethane	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
cis-1,2-Dichloroethene	ND	0.50	µg/L	1	11/15/2011 05:42 PM	
Dibromochloromethane	ND	0.50	µg/L	1	11/15/2011 05:42 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



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3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT:	ATC Associates Inc.	Client Sample ID:	MW-24
Lab Order:	N006814	Collection Date:	11/11/2011 10:36:00 AM
Project:	MARYLAND SQUARE SHOPPING CENTER	Matrix:	WATER
Lab ID:	N006814-005		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111115B	QC Batch: D11VW168	PrepDate:	Analyst: QBM		
Dibromomethane	ND	0.50	µg/L	1	11/15/2011 05:42 PM
Dichlorodifluoromethane	ND	0.50	µg/L	1	11/15/2011 05:42 PM
Ethylbenzene	ND	0.50	µg/L	1	11/15/2011 05:42 PM
Hexachlorobutadiene	ND	0.50	µg/L	1	11/15/2011 05:42 PM
Isopropylbenzene	ND	0.50	µg/L	1	11/15/2011 05:42 PM
m,p-Xylene	ND	1.0	µg/L	1	11/15/2011 05:42 PM
Methylene chloride	ND	1.0	µg/L	1	11/15/2011 05:42 PM
MTBE	ND	0.50	µg/L	1	11/15/2011 05:42 PM
n-Butylbenzene	ND	0.50	µg/L	1	11/15/2011 05:42 PM
n-Propylbenzene	ND	0.50	µg/L	1	11/15/2011 05:42 PM
Naphthalene	ND	0.50	µg/L	1	11/15/2011 05:42 PM
o-Xylene	ND	0.50	µg/L	1	11/15/2011 05:42 PM
sec-Butylbenzene	ND	0.50	µg/L	1	11/15/2011 05:42 PM
Styrene	ND	0.50	µg/L	1	11/15/2011 05:42 PM
tert-Butylbenzene	ND	0.50	µg/L	1	11/15/2011 05:42 PM
Tetrachloroethene	0.95	0.50	µg/L	1	11/15/2011 05:42 PM
Toluene	ND	0.50	µg/L	1	11/15/2011 05:42 PM
trans-1,2-Dichloroethene	ND	0.50	µg/L	1	11/15/2011 05:42 PM
Trichloroethene	ND	0.50	µg/L	1	11/15/2011 05:42 PM
Trichlorofluoromethane	ND	0.50	µg/L	1	11/15/2011 05:42 PM
Vinyl chloride	ND	0.50	µg/L	1	11/15/2011 05:42 PM
Surr: 1,2-Dichloroethane-d4	95.8	56-120	%REC	1	11/15/2011 05:42 PM
Surr: 4-Bromofluorobenzene	99.2	80-120	%REC	1	11/15/2011 05:42 PM
Surr: Dibromofluoromethane	110	72-120	%REC	1	11/15/2011 05:42 PM
Surr: Toluene-d8	114	80-123	%REC	1	11/15/2011 05:42 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		



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3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT:	ATC Associates Inc.	Client Sample ID:	MW-30
Lab Order:	N006814	Collection Date:	11/11/2011 11:19:00 AM
Project:	MARYLAND SQUARE SHOPPING CENTER	Matrix:	WATER
Lab ID:	N006814-006		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111115B	QC Batch: D11VW168	PrepDate:	Analyst: QBM
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1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1	11/15/2011 06:06 PM
1,1,1-Trichloroethane	ND	0.50	µg/L	1	11/15/2011 06:06 PM
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1	11/15/2011 06:06 PM
1,1,2-Trichloroethane	ND	0.50	µg/L	1	11/15/2011 06:06 PM
1,1-Dichloroethane	ND	0.50	µg/L	1	11/15/2011 06:06 PM
1,1-Dichloroethene	ND	0.50	µg/L	1	11/15/2011 06:06 PM
1,1-Dichloropropene	ND	0.50	µg/L	1	11/15/2011 06:06 PM
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1	11/15/2011 06:06 PM
1,2,3-Trichloropropane	ND	0.50	µg/L	1	11/15/2011 06:06 PM
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	11/15/2011 06:06 PM
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1	11/15/2011 06:06 PM
1,2-Dibromo-3-chloropropane	ND	1.0	µg/L	1	11/15/2011 06:06 PM
1,2-Dibromoethane	ND	0.50	µg/L	1	11/15/2011 06:06 PM
1,2-Dichlorobenzene	ND	0.50	µg/L	1	11/15/2011 06:06 PM
1,2-Dichloroethane	ND	0.50	µg/L	1	11/15/2011 06:06 PM
1,2-Dichloropropane	ND	0.50	µg/L	1	11/15/2011 06:06 PM
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1	11/15/2011 06:06 PM
1,3-Dichlorobenzene	ND	0.50	µg/L	1	11/15/2011 06:06 PM
1,3-Dichloropropane	ND	0.50	µg/L	1	11/15/2011 06:06 PM
1,4-Dichlorobenzene	ND	0.50	µg/L	1	11/15/2011 06:06 PM
2,2-Dichloropropane	ND	0.50	µg/L	1	11/15/2011 06:06 PM
2-Chlorotoluene	ND	0.50	µg/L	1	11/15/2011 06:06 PM
4-Chlorotoluene	ND	0.50	µg/L	1	11/15/2011 06:06 PM
4-Isopropyltoluene	ND	0.50	µg/L	1	11/15/2011 06:06 PM
Benzene	ND	0.50	µg/L	1	11/15/2011 06:06 PM
Bromobenzene	ND	0.50	µg/L	1	11/15/2011 06:06 PM
Bromodichloromethane	ND	0.50	µg/L	1	11/15/2011 06:06 PM
Bromoform	ND	0.50	µg/L	1	11/15/2011 06:06 PM
Bromomethane	ND	0.50	µg/L	1	11/15/2011 06:06 PM
Carbon tetrachloride	ND	0.50	µg/L	1	11/15/2011 06:06 PM
Chlorobenzene	ND	0.50	µg/L	1	11/15/2011 06:06 PM
Chloroethane	ND	0.50	µg/L	1	11/15/2011 06:06 PM
Chloroform	2.9	0.50	µg/L	1	11/15/2011 06:06 PM
Chloromethane	ND	0.50	µg/L	1	11/15/2011 06:06 PM
cis-1,2-Dichloroethene	ND	0.50	µg/L	1	11/15/2011 06:06 PM
Dibromochloromethane	ND	0.50	µg/L	1	11/15/2011 06:06 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		



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Laboratories, Inc.**

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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** MW-30
Lab Order: N006814 **Collection Date:** 11/11/2011 11:19:00 AM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006814-006

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_111115B	QC Batch:	D11VW168	PrepDate:	Analyst:	QBM
Dibromomethane	ND	0.50	µg/L	1	11/15/2011 06:06 PM	
Dichlorodifluoromethane	ND	0.50	µg/L	1	11/15/2011 06:06 PM	
Ethylbenzene	ND	0.50	µg/L	1	11/15/2011 06:06 PM	
Hexachlorobutadiene	ND	0.50	µg/L	1	11/15/2011 06:06 PM	
Isopropylbenzene	ND	0.50	µg/L	1	11/15/2011 06:06 PM	
m,p-Xylene	ND	1.0	µg/L	1	11/15/2011 06:06 PM	
Methylene chloride	ND	1.0	µg/L	1	11/15/2011 06:06 PM	
MTBE	ND	0.50	µg/L	1	11/15/2011 06:06 PM	
n-Butylbenzene	ND	0.50	µg/L	1	11/15/2011 06:06 PM	
n-Propylbenzene	ND	0.50	µg/L	1	11/15/2011 06:06 PM	
Naphthalene	ND	0.50	µg/L	1	11/15/2011 06:06 PM	
o-Xylene	ND	0.50	µg/L	1	11/15/2011 06:06 PM	
sec-Butylbenzene	ND	0.50	µg/L	1	11/15/2011 06:06 PM	
Styrene	ND	0.50	µg/L	1	11/15/2011 06:06 PM	
tert-Butylbenzene	ND	0.50	µg/L	1	11/15/2011 06:06 PM	
Tetrachloroethene	38	0.50	µg/L	1	11/15/2011 06:06 PM	
Toluene	ND	0.50	µg/L	1	11/15/2011 06:06 PM	
trans-1,2-Dichloroethene	ND	0.50	µg/L	1	11/15/2011 06:06 PM	
Trichloroethene	ND	0.50	µg/L	1	11/15/2011 06:06 PM	
Trichlorofluoromethane	ND	0.50	µg/L	1	11/15/2011 06:06 PM	
Vinyl chloride	ND	0.50	µg/L	1	11/15/2011 06:06 PM	
Surr: 1,2-Dichloroethane-d4	89.8	56-120	%REC	1	11/15/2011 06:06 PM	
Surr: 4-Bromofluorobenzene	97.4	80-120	%REC	1	11/15/2011 06:06 PM	
Surr: Dibromofluoromethane	107	72-120	%REC	1	11/15/2011 06:06 PM	
Surr: Toluene-d8	113	80-123	%REC	1	11/15/2011 06:06 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



Advanced Technology Laboratories, Inc.

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** MW-31
Lab Order: N006814 **Collection Date:** 11/11/2011 11:52:00 AM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006814-007

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_111115B	QC Batch:	D11VW168	PrepDate:	Analyst:	QBM
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
1,1,1-Trichloroethane	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
1,1,2-Trichloroethane	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
1,1-Dichloroethane	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
1,1-Dichloroethene	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
1,1-Dichloropropene	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
1,2,3-Trichloropropane	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/L	1	11/15/2011 06:30 PM	
1,2-Dibromoethane	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
1,2-Dichlorobenzene	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
1,2-Dichloroethane	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
1,2-Dichloropropane	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
1,3-Dichlorobenzene	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
1,3-Dichloropropane	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
1,4-Dichlorobenzene	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
2,2-Dichloropropane	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
2-Chlorotoluene	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
4-Chlorotoluene	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
4-Isopropyltoluene	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
Benzene	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
Bromobenzene	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
Bromodichloromethane	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
Bromoform	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
Bromomethane	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
Carbon tetrachloride	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
Chlorobenzene	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
Chloroethane	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
Chloroform	5.1	0.50	µg/L	1	11/15/2011 06:30 PM	
Chloromethane	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
cis-1,2-Dichloroethene	ND	0.50	µg/L	1	11/15/2011 06:30 PM	
Dibromochloromethane	ND	0.50	µg/L	1	11/15/2011 06:30 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



**Advanced Technology
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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT:	ATC Associates Inc.	Client Sample ID:	MW-31
Lab Order:	N006814	Collection Date:	11/11/2011 11:52:00 AM
Project:	MARYLAND SQUARE SHOPPING CENTER	Matrix:	WATER
Lab ID:	N006814-007		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111115B	QC Batch: D11VW168	PrepDate:	Analyst: QBM		
Dibromomethane	ND	0.50	µg/L	1	11/15/2011 06:30 PM
Dichlorodifluoromethane	ND	0.50	µg/L	1	11/15/2011 06:30 PM
Ethylbenzene	ND	0.50	µg/L	1	11/15/2011 06:30 PM
Hexachlorobutadiene	ND	0.50	µg/L	1	11/15/2011 06:30 PM
Isopropylbenzene	ND	0.50	µg/L	1	11/15/2011 06:30 PM
m,p-Xylene	ND	1.0	µg/L	1	11/15/2011 06:30 PM
Methylene chloride	ND	1.0	µg/L	1	11/15/2011 06:30 PM
MTBE	ND	0.50	µg/L	1	11/15/2011 06:30 PM
n-Butylbenzene	ND	0.50	µg/L	1	11/15/2011 06:30 PM
n-Propylbenzene	ND	0.50	µg/L	1	11/15/2011 06:30 PM
Naphthalene	ND	0.50	µg/L	1	11/15/2011 06:30 PM
o-Xylene	ND	0.50	µg/L	1	11/15/2011 06:30 PM
sec-Butylbenzene	ND	0.50	µg/L	1	11/15/2011 06:30 PM
Styrene	ND	0.50	µg/L	1	11/15/2011 06:30 PM
tert-Butylbenzene	ND	0.50	µg/L	1	11/15/2011 06:30 PM
Tetrachloroethene	58	0.50	µg/L	1	11/15/2011 06:30 PM
Toluene	ND	0.50	µg/L	1	11/15/2011 06:30 PM
trans-1,2-Dichloroethene	ND	0.50	µg/L	1	11/15/2011 06:30 PM
Trichloroethene	ND	0.50	µg/L	1	11/15/2011 06:30 PM
Trichlorofluoromethane	ND	0.50	µg/L	1	11/15/2011 06:30 PM
Vinyl chloride	ND	0.50	µg/L	1	11/15/2011 06:30 PM
Surr: 1,2-Dichloroethane-d4	88.4	56-120	%REC	1	11/15/2011 06:30 PM
Surr: 4-Bromofluorobenzene	97.0	80-120	%REC	1	11/15/2011 06:30 PM
Surr: Dibromofluoromethane	108	72-120	%REC	1	11/15/2011 06:30 PM
Surr: Toluene-d8	111	80-123	%REC	1	11/15/2011 06:30 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		



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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** MW-31D
Lab Order: N006814 **Collection Date:** 11/11/2011 11:52:00 AM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006814-008

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
				EPA 8260B		
RunID: MS1_111115B	QC Batch: D11VW168			PrepDate:	Analyst: QBM	
1,1,1,2-Tetrachloroethane	ND	0.50		µg/L	1	11/15/2011 06:55 PM
1,1,1-Trichloroethane	ND	0.50		µg/L	1	11/15/2011 06:55 PM
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	11/15/2011 06:55 PM
1,1,2-Trichloroethane	ND	0.50		µg/L	1	11/15/2011 06:55 PM
1,1-Dichloroethane	ND	0.50		µg/L	1	11/15/2011 06:55 PM
1,1-Dichloroethene	ND	0.50		µg/L	1	11/15/2011 06:55 PM
1,1-Dichloropropene	ND	0.50		µg/L	1	11/15/2011 06:55 PM
1,2,3-Trichlorobenzene	ND	0.50		µg/L	1	11/15/2011 06:55 PM
1,2,3-Trichloropropane	ND	0.50		µg/L	1	11/15/2011 06:55 PM
1,2,4-Trichlorobenzene	ND	0.50		µg/L	1	11/15/2011 06:55 PM
1,2,4-Trimethylbenzene	ND	0.50		µg/L	1	11/15/2011 06:55 PM
1,2-Dibromo-3-chloropropane	ND	1.0		µg/L	1	11/15/2011 06:55 PM
1,2-Dibromoethane	ND	0.50		µg/L	1	11/15/2011 06:55 PM
1,2-Dichlorobenzene	ND	0.50		µg/L	1	11/15/2011 06:55 PM
1,2-Dichloroethane	ND	0.50		µg/L	1	11/15/2011 06:55 PM
1,2-Dichloropropane	ND	0.50		µg/L	1	11/15/2011 06:55 PM
1,3,5-Trimethylbenzene	ND	0.50		µg/L	1	11/15/2011 06:55 PM
1,3-Dichlorobenzene	ND	0.50		µg/L	1	11/15/2011 06:55 PM
1,3-Dichloropropane	ND	0.50		µg/L	1	11/15/2011 06:55 PM
1,4-Dichlorobenzene	ND	0.50		µg/L	1	11/15/2011 06:55 PM
2,2-Dichloropropane	ND	0.50		µg/L	1	11/15/2011 06:55 PM
2-Chlorotoluene	ND	0.50		µg/L	1	11/15/2011 06:55 PM
4-Chlorotoluene	ND	0.50		µg/L	1	11/15/2011 06:55 PM
4-Isopropyltoluene	ND	0.50		µg/L	1	11/15/2011 06:55 PM
Benzene	ND	0.50		µg/L	1	11/15/2011 06:55 PM
Bromobenzene	ND	0.50		µg/L	1	11/15/2011 06:55 PM
Bromodichloromethane	ND	0.50		µg/L	1	11/15/2011 06:55 PM
Bromoform	ND	0.50		µg/L	1	11/15/2011 06:55 PM
Bromomethane	ND	0.50		µg/L	1	11/15/2011 06:55 PM
Carbon tetrachloride	ND	0.50		µg/L	1	11/15/2011 06:55 PM
Chlorobenzene	ND	0.50		µg/L	1	11/15/2011 06:55 PM
Chloroethane	ND	0.50		µg/L	1	11/15/2011 06:55 PM
Chloroform	5.4	0.50		µg/L	1	11/15/2011 06:55 PM
Chloromethane	ND	0.50		µg/L	1	11/15/2011 06:55 PM
cis-1,2-Dichloroethene	ND	0.50		µg/L	1	11/15/2011 06:55 PM
Dibromochloromethane	ND	0.50		µg/L	1	11/15/2011 06:55 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



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ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT:	ATC Associates Inc.	Client Sample ID:	MW-31D
Lab Order:	N006814	Collection Date:	11/11/2011 11:52:00 AM
Project:	MARYLAND SQUARE SHOPPING CENTER	Matrix:	WATER
Lab ID:	N006814-008		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111115B	QC Batch: D11VW168	PrepDate:	Analyst: QBM		
Dibromomethane	ND	0.50	µg/L	1	11/15/2011 06:55 PM
Dichlorodifluoromethane	ND	0.50	µg/L	1	11/15/2011 06:55 PM
Ethylbenzene	ND	0.50	µg/L	1	11/15/2011 06:55 PM
Hexachlorobutadiene	ND	0.50	µg/L	1	11/15/2011 06:55 PM
Isopropylbenzene	ND	0.50	µg/L	1	11/15/2011 06:55 PM
m,p-Xylene	ND	1.0	µg/L	1	11/15/2011 06:55 PM
Methylene chloride	ND	1.0	µg/L	1	11/15/2011 06:55 PM
MTBE	ND	0.50	µg/L	1	11/15/2011 06:55 PM
n-Butylbenzene	ND	0.50	µg/L	1	11/15/2011 06:55 PM
n-Propylbenzene	ND	0.50	µg/L	1	11/15/2011 06:55 PM
Naphthalene	ND	0.50	µg/L	1	11/15/2011 06:55 PM
o-Xylene	ND	0.50	µg/L	1	11/15/2011 06:55 PM
sec-Butylbenzene	ND	0.50	µg/L	1	11/15/2011 06:55 PM
Styrene	ND	0.50	µg/L	1	11/15/2011 06:55 PM
tert-Butylbenzene	ND	0.50	µg/L	1	11/15/2011 06:55 PM
Tetrachloroethene	64	0.50	µg/L	1	11/15/2011 06:55 PM
Toluene	ND	0.50	µg/L	1	11/15/2011 06:55 PM
trans-1,2-Dichloroethene	ND	0.50	µg/L	1	11/15/2011 06:55 PM
Trichloroethene	ND	0.50	µg/L	1	11/15/2011 06:55 PM
Trichlorofluoromethane	ND	0.50	µg/L	1	11/15/2011 06:55 PM
Vinyl chloride	ND	0.50	µg/L	1	11/15/2011 06:55 PM
Surr: 1,2-Dichloroethane-d4	95.7	56-120	%REC	1	11/15/2011 06:55 PM
Surr: 4-Bromofluorobenzene	99.2	80-120	%REC	1	11/15/2011 06:55 PM
Surr: Dibromofluoromethane	113	72-120	%REC	1	11/15/2011 06:55 PM
Surr: Toluene-d8	114	80-123	%REC	1	11/15/2011 06:55 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		



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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** RINSE AID
Lab Order: N006814 **Collection Date:** 11/11/2011 12:08:00 PM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006814-009

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_111115B	QC Batch:	D11VW168	PrepDate:	Analyst:	QBM
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
1,1,1-Trichloroethane	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
1,1,2-Trichloroethane	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
1,1-Dichloroethane	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
1,1-Dichloroethene	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
1,1-Dichloropropene	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
1,2,3-Trichloropropane	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/L	1	11/15/2011 04:04 PM	
1,2-Dibromoethane	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
1,2-Dichlorobenzene	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
1,2-Dichloroethane	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
1,2-Dichloropropane	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
1,3-Dichlorobenzene	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
1,3-Dichloropropane	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
1,4-Dichlorobenzene	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
2,2-Dichloropropane	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
2-Chlorotoluene	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
4-Chlorotoluene	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
4-Isopropyltoluene	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
Benzene	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
Bromobenzene	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
Bromodichloromethane	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
Bromoform	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
Bromomethane	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
Carbon tetrachloride	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
Chlorobenzene	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
Chloroethane	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
Chloroform	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
Chloromethane	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
cis-1,2-Dichloroethene	ND	0.50	µg/L	1	11/15/2011 04:04 PM	
Dibromochloromethane	ND	0.50	µg/L	1	11/15/2011 04:04 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



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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** RINSE AID
Lab Order: N006814 **Collection Date:** 11/11/2011 12:08:00 PM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006814-009

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
				EPA 8260B		
RunID: MS1_111115B	QC Batch: D11VW168			PrepDate:	Analyst: QBM	
Dibromomethane	ND	0.50		µg/L	1	11/15/2011 04:04 PM
Dichlorodifluoromethane	ND	0.50		µg/L	1	11/15/2011 04:04 PM
Ethylbenzene	ND	0.50		µg/L	1	11/15/2011 04:04 PM
Hexachlorobutadiene	ND	0.50		µg/L	1	11/15/2011 04:04 PM
Isopropylbenzene	ND	0.50		µg/L	1	11/15/2011 04:04 PM
m,p-Xylene	ND	1.0		µg/L	1	11/15/2011 04:04 PM
Methylene chloride	2.5	1.0		µg/L	1	11/15/2011 04:04 PM
MTBE	ND	0.50		µg/L	1	11/15/2011 04:04 PM
n-Butylbenzene	ND	0.50		µg/L	1	11/15/2011 04:04 PM
n-Propylbenzene	ND	0.50		µg/L	1	11/15/2011 04:04 PM
Naphthalene	ND	0.50		µg/L	1	11/15/2011 04:04 PM
o-Xylene	ND	0.50		µg/L	1	11/15/2011 04:04 PM
sec-Butylbenzene	ND	0.50		µg/L	1	11/15/2011 04:04 PM
Styrene	ND	0.50		µg/L	1	11/15/2011 04:04 PM
tert-Butylbenzene	ND	0.50		µg/L	1	11/15/2011 04:04 PM
Tetrachloroethene	ND	0.50		µg/L	1	11/15/2011 04:04 PM
Toluene	ND	0.50		µg/L	1	11/15/2011 04:04 PM
trans-1,2-Dichloroethene	ND	0.50		µg/L	1	11/15/2011 04:04 PM
Trichloroethene	ND	0.50		µg/L	1	11/15/2011 04:04 PM
Trichlorofluoromethane	ND	0.50		µg/L	1	11/15/2011 04:04 PM
Vinyl chloride	ND	0.50		µg/L	1	11/15/2011 04:04 PM
Surr: 1,2-Dichloroethane-d4	92.4	56-120		%REC	1	11/15/2011 04:04 PM
Surr: 4-Bromofluorobenzene	97.6	80-120		%REC	1	11/15/2011 04:04 PM
Surr: Dibromofluoromethane	109	72-120		%REC	1	11/15/2011 04:04 PM
Surr: Toluene-d8	111	80-123		%REC	1	11/15/2011 04:04 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



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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT:	ATC Associates Inc.	Client Sample ID:	MW-25
Lab Order:	N006814	Collection Date:	11/11/2011 12:41:00 PM
Project:	MARYLAND SQUARE SHOPPING CENTER	Matrix:	WATER
Lab ID:	N006814-010		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111115B	QC Batch: D11VW168	PrepDate:	Analyst: QBM
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Compound	Result	PQL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	0.50		µg/L	1	11/15/2011 10:59 PM
1,1,1-Trichloroethane	ND	0.50		µg/L	1	11/15/2011 10:59 PM
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	11/15/2011 10:59 PM
1,1,2-Trichloroethane	ND	0.50		µg/L	1	11/15/2011 10:59 PM
1,1-Dichloroethane	ND	0.50		µg/L	1	11/15/2011 10:59 PM
1,1-Dichloroethene	ND	0.50		µg/L	1	11/15/2011 10:59 PM
1,1-Dichloropropene	ND	0.50		µg/L	1	11/15/2011 10:59 PM
1,2,3-Trichlorobenzene	ND	0.50		µg/L	1	11/15/2011 10:59 PM
1,2,3-Trichloropropane	ND	0.50		µg/L	1	11/15/2011 10:59 PM
1,2,4-Trichlorobenzene	ND	0.50		µg/L	1	11/15/2011 10:59 PM
1,2,4-Trimethylbenzene	ND	0.50		µg/L	1	11/15/2011 10:59 PM
1,2-Dibromo-3-chloropropane	ND	1.0		µg/L	1	11/15/2011 10:59 PM
1,2-Dibromoethane	ND	0.50		µg/L	1	11/15/2011 10:59 PM
1,2-Dichlorobenzene	ND	0.50		µg/L	1	11/15/2011 10:59 PM
1,2-Dichloroethane	ND	0.50		µg/L	1	11/15/2011 10:59 PM
1,2-Dichloropropane	ND	0.50		µg/L	1	11/15/2011 10:59 PM
1,3,5-Trimethylbenzene	ND	0.50		µg/L	1	11/15/2011 10:59 PM
1,3-Dichlorobenzene	ND	0.50		µg/L	1	11/15/2011 10:59 PM
1,3-Dichloropropane	ND	0.50		µg/L	1	11/15/2011 10:59 PM
1,4-Dichlorobenzene	ND	0.50		µg/L	1	11/15/2011 10:59 PM
2,2-Dichloropropane	ND	0.50		µg/L	1	11/15/2011 10:59 PM
2-Chlorotoluene	ND	0.50		µg/L	1	11/15/2011 10:59 PM
4-Chlorotoluene	ND	0.50		µg/L	1	11/15/2011 10:59 PM
4-Isopropyltoluene	ND	0.50		µg/L	1	11/15/2011 10:59 PM
Benzene	ND	0.50		µg/L	1	11/15/2011 10:59 PM
Bromobenzene	ND	0.50		µg/L	1	11/15/2011 10:59 PM
Bromodichloromethane	ND	0.50		µg/L	1	11/15/2011 10:59 PM
Bromoform	ND	0.50		µg/L	1	11/15/2011 10:59 PM
Bromomethane	ND	0.50		µg/L	1	11/15/2011 10:59 PM
Carbon tetrachloride	ND	0.50		µg/L	1	11/15/2011 10:59 PM
Chlorobenzene	ND	0.50		µg/L	1	11/15/2011 10:59 PM
Chloroethane	ND	0.50		µg/L	1	11/15/2011 10:59 PM
Chloroform	0.58	0.50		µg/L	1	11/15/2011 10:59 PM
Chloromethane	ND	0.50		µg/L	1	11/15/2011 10:59 PM
cis-1,2-Dichloroethene	ND	0.50		µg/L	1	11/15/2011 10:59 PM
Dibromochloromethane	ND	0.50		µg/L	1	11/15/2011 10:59 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	



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ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** MW-25
Lab Order: N006814 **Collection Date:** 11/11/2011 12:41:00 PM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006814-010

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
EPA 8260B						
RunID: MS1_111115B	QC Batch: D11VW168				PrepDate:	Analyst: QBM
Dibromomethane	ND	0.50		µg/L	1	11/15/2011 10:59 PM
Dichlorodifluoromethane	ND	0.50		µg/L	1	11/15/2011 10:59 PM
Ethylbenzene	ND	0.50		µg/L	1	11/15/2011 10:59 PM
Hexachlorobutadiene	ND	0.50		µg/L	1	11/15/2011 10:59 PM
Isopropylbenzene	ND	0.50		µg/L	1	11/15/2011 10:59 PM
m,p-Xylene	ND	1.0		µg/L	1	11/15/2011 10:59 PM
Methylene chloride	ND	1.0		µg/L	1	11/15/2011 10:59 PM
MTBE	ND	0.50		µg/L	1	11/15/2011 10:59 PM
n-Butylbenzene	ND	0.50		µg/L	1	11/15/2011 10:59 PM
n-Propylbenzene	ND	0.50		µg/L	1	11/15/2011 10:59 PM
Naphthalene	ND	0.50		µg/L	1	11/15/2011 10:59 PM
o-Xylene	ND	0.50		µg/L	1	11/15/2011 10:59 PM
sec-Butylbenzene	ND	0.50		µg/L	1	11/15/2011 10:59 PM
Styrene	ND	0.50		µg/L	1	11/15/2011 10:59 PM
tert-Butylbenzene	ND	0.50		µg/L	1	11/15/2011 10:59 PM
Tetrachloroethene	740	5.0		µg/L	10	11/15/2011 09:22 PM
Toluene	ND	0.50		µg/L	1	11/15/2011 10:59 PM
trans-1,2-Dichloroethene	ND	0.50		µg/L	1	11/15/2011 10:59 PM
Trichloroethene	0.82	0.50		µg/L	1	11/15/2011 10:59 PM
Trichlorofluoromethane	ND	0.50		µg/L	1	11/15/2011 10:59 PM
Vinyl chloride	ND	0.50		µg/L	1	11/15/2011 10:59 PM
Surr: 1,2-Dichloroethane-d4	106	56-120		%REC	10	11/15/2011 09:22 PM
Surr: 1,2-Dichloroethane-d4	88.3	56-120		%REC	1	11/15/2011 10:59 PM
Surr: 4-Bromofluorobenzene	94.8	80-120		%REC	1	11/15/2011 10:59 PM
Surr: 4-Bromofluorobenzene	99.8	80-120		%REC	10	11/15/2011 09:22 PM
Surr: Dibromofluoromethane	103	72-120		%REC	1	11/15/2011 10:59 PM
Surr: Dibromofluoromethane	119	72-120		%REC	10	11/15/2011 09:22 PM
Surr: Toluene-d8	105	80-123		%REC	1	11/15/2011 10:59 PM
Surr: Toluene-d8	118	80-123		%REC	10	11/15/2011 09:22 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



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ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** MW-32
Lab Order: N006814 **Collection Date:** 11/11/2011 1:27:00 PM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006814-011

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_111115B	QC Batch:	D11VW168	PrepDate:	Analyst:	QBM
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
1,1,1-Trichloroethane	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
1,1,2-Trichloroethane	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
1,1-Dichloroethane	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
1,1-Dichloroethene	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
1,1-Dichloropropene	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
1,2,3-Trichloropropane	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/L	1	11/15/2011 11:23 PM	
1,2-Dibromoethane	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
1,2-Dichlorobenzene	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
1,2-Dichloroethane	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
1,2-Dichloropropane	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
1,3-Dichlorobenzene	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
1,3-Dichloropropane	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
1,4-Dichlorobenzene	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
2,2-Dichloropropane	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
2-Chlorotoluene	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
4-Chlorotoluene	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
4-Isopropyltoluene	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
Benzene	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
Bromobenzene	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
Bromodichloromethane	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
Bromoform	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
Bromomethane	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
Carbon tetrachloride	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
Chlorobenzene	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
Chloroethane	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
Chloroform	2.4	0.50	µg/L	1	11/15/2011 11:23 PM	
Chloromethane	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
cis-1,2-Dichloroethene	ND	0.50	µg/L	1	11/15/2011 11:23 PM	
Dibromochloromethane	ND	0.50	µg/L	1	11/15/2011 11:23 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



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ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT:	ATC Associates Inc.	Client Sample ID:	MW-32
Lab Order:	N006814	Collection Date:	11/11/2011 1:27:00 PM
Project:	MARYLAND SQUARE SHOPPING CENTER	Matrix:	WATER
Lab ID:	N006814-011		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111115B	QC Batch: D11VW168	PrepDate:	Analyst: QBM		
Dibromomethane	ND	0.50	µg/L	1	11/15/2011 11:23 PM
Dichlorodifluoromethane	ND	0.50	µg/L	1	11/15/2011 11:23 PM
Ethylbenzene	ND	0.50	µg/L	1	11/15/2011 11:23 PM
Hexachlorobutadiene	ND	0.50	µg/L	1	11/15/2011 11:23 PM
Isopropylbenzene	ND	0.50	µg/L	1	11/15/2011 11:23 PM
m,p-Xylene	ND	1.0	µg/L	1	11/15/2011 11:23 PM
Methylene chloride	ND	1.0	µg/L	1	11/15/2011 11:23 PM
MTBE	ND	0.50	µg/L	1	11/15/2011 11:23 PM
n-Butylbenzene	ND	0.50	µg/L	1	11/15/2011 11:23 PM
n-Propylbenzene	ND	0.50	µg/L	1	11/15/2011 11:23 PM
Naphthalene	ND	0.50	µg/L	1	11/15/2011 11:23 PM
o-Xylene	ND	0.50	µg/L	1	11/15/2011 11:23 PM
sec-Butylbenzene	ND	0.50	µg/L	1	11/15/2011 11:23 PM
Styrene	ND	0.50	µg/L	1	11/15/2011 11:23 PM
tert-Butylbenzene	ND	0.50	µg/L	1	11/15/2011 11:23 PM
Tetrachloroethene	700	5.0	µg/L	10	11/15/2011 09:47 PM
Toluene	ND	0.50	µg/L	1	11/15/2011 11:23 PM
trans-1,2-Dichloroethene	ND	0.50	µg/L	1	11/15/2011 11:23 PM
Trichloroethene	2.7	0.50	µg/L	1	11/15/2011 11:23 PM
Trichlorofluoromethane	ND	0.50	µg/L	1	11/15/2011 11:23 PM
Vinyl chloride	ND	0.50	µg/L	1	11/15/2011 11:23 PM
Surr: 1,2-Dichloroethane-d4	104	56-120	%REC	10	11/15/2011 09:47 PM
Surr: 1,2-Dichloroethane-d4	91.0	56-120	%REC	1	11/15/2011 11:23 PM
Surr: 4-Bromofluorobenzene	97.9	80-120	%REC	1	11/15/2011 11:23 PM
Surr: 4-Bromofluorobenzene	99.0	80-120	%REC	10	11/15/2011 09:47 PM
Surr: Dibromofluoromethane	107	72-120	%REC	1	11/15/2011 11:23 PM
Surr: Dibromofluoromethane	113	72-120	%REC	10	11/15/2011 09:47 PM
Surr: Toluene-d8	111	80-123	%REC	1	11/15/2011 11:23 PM
Surr: Toluene-d8	116	80-123	%REC	10	11/15/2011 09:47 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		



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ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** MW-26
Lab Order: N006814 **Collection Date:** 11/11/2011 1:59:00 PM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006814-012

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_111115B	QC Batch:	D11VW168	PrepDate:	Analyst:	QBM
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
1,1,1-Trichloroethane	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
1,1,2-Trichloroethane	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
1,1-Dichloroethane	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
1,1-Dichloroethene	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
1,1-Dichloropropene	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
1,2,3-Trichloropropane	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/L	1	11/15/2011 11:47 PM	
1,2-Dibromoethane	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
1,2-Dichlorobenzene	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
1,2-Dichloroethane	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
1,2-Dichloropropane	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
1,3-Dichlorobenzene	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
1,3-Dichloropropane	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
1,4-Dichlorobenzene	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
2,2-Dichloropropane	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
2-Chlorotoluene	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
4-Chlorotoluene	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
4-Isopropyltoluene	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
Benzene	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
Bromobenzene	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
Bromodichloromethane	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
Bromoform	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
Bromomethane	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
Carbon tetrachloride	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
Chlorobenzene	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
Chloroethane	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
Chloroform	0.81	0.50	µg/L	1	11/15/2011 11:47 PM	
Chloromethane	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
cis-1,2-Dichloroethene	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
Dibromochloromethane	ND	0.50	µg/L	1	11/15/2011 11:47 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



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ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** MW-26
Lab Order: N006814 **Collection Date:** 11/11/2011 1:59:00 PM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006814-012

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_111115B	QC Batch:	D11VW168	PrepDate:	Analyst:	QBM
Dibromomethane	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
Dichlorodifluoromethane	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
Ethylbenzene	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
Hexachlorobutadiene	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
Isopropylbenzene	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
m,p-Xylene	ND	1.0	µg/L	1	11/15/2011 11:47 PM	
Methylene chloride	ND	1.0	µg/L	1	11/15/2011 11:47 PM	
MTBE	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
n-Butylbenzene	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
n-Propylbenzene	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
Naphthalene	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
o-Xylene	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
sec-Butylbenzene	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
Styrene	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
tert-Butylbenzene	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
Tetrachloroethene	690	5.0	µg/L	10	11/15/2011 10:11 PM	
Toluene	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
trans-1,2-Dichloroethene	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
Trichloroethene	0.61	0.50	µg/L	1	11/15/2011 11:47 PM	
Trichlorofluoromethane	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
Vinyl chloride	ND	0.50	µg/L	1	11/15/2011 11:47 PM	
Surr: 1,2-Dichloroethane-d4	95.2	56-120	%REC	10	11/15/2011 10:11 PM	
Surr: 1,2-Dichloroethane-d4	92.5	56-120	%REC	1	11/15/2011 11:47 PM	
Surr: 4-Bromofluorobenzene	97.3	80-120	%REC	1	11/15/2011 11:47 PM	
Surr: 4-Bromofluorobenzene	92.9	80-120	%REC	10	11/15/2011 10:11 PM	
Surr: Dibromofluoromethane	105	72-120	%REC	1	11/15/2011 11:47 PM	
Surr: Dibromofluoromethane	105	72-120	%REC	10	11/15/2011 10:11 PM	
Surr: Toluene-d8	108	80-123	%REC	1	11/15/2011 11:47 PM	
Surr: Toluene-d8	109	80-123	%REC	10	11/15/2011 10:11 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



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ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** MW-27
Lab Order: N006814 **Collection Date:** 11/11/2011 2:30:00 PM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006814-013

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_111115B	QC Batch:	D11VW168	PrepDate:	Analyst:	QBM
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
1,1,1-Trichloroethane	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
1,1,2-Trichloroethane	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
1,1-Dichloroethane	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
1,1-Dichloroethene	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
1,1-Dichloropropene	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
1,2,3-Trichloropropane	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/L	1	11/15/2011 10:35 PM	
1,2-Dibromoethane	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
1,2-Dichlorobenzene	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
1,2-Dichloroethane	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
1,2-Dichloropropane	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
1,3-Dichlorobenzene	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
1,3-Dichloropropane	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
1,4-Dichlorobenzene	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
2,2-Dichloropropane	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
2-Chlorotoluene	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
4-Chlorotoluene	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
4-Isopropyltoluene	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
Benzene	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
Bromobenzene	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
Bromodichloromethane	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
Bromoform	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
Bromomethane	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
Carbon tetrachloride	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
Chlorobenzene	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
Chloroethane	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
Chloroform	2.1	0.50	µg/L	1	11/15/2011 10:35 PM	
Chloromethane	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
cis-1,2-Dichloroethene	ND	0.50	µg/L	1	11/15/2011 10:35 PM	
Dibromochloromethane	ND	0.50	µg/L	1	11/15/2011 10:35 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



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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** MW-27
Lab Order: N006814 **Collection Date:** 11/11/2011 2:30:00 PM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006814-013

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
				EPA 8260B		
RunID: MS1_111115B	QC Batch: D11VW168			PrepDate:	Analyst: QBM	
Dibromomethane	ND	0.50		µg/L	1	11/15/2011 10:35 PM
Dichlorodifluoromethane	ND	0.50		µg/L	1	11/15/2011 10:35 PM
Ethylbenzene	ND	0.50		µg/L	1	11/15/2011 10:35 PM
Hexachlorobutadiene	ND	0.50		µg/L	1	11/15/2011 10:35 PM
Isopropylbenzene	ND	0.50		µg/L	1	11/15/2011 10:35 PM
m,p-Xylene	ND	1.0		µg/L	1	11/15/2011 10:35 PM
Methylene chloride	ND	1.0		µg/L	1	11/15/2011 10:35 PM
MTBE	ND	0.50		µg/L	1	11/15/2011 10:35 PM
n-Butylbenzene	ND	0.50		µg/L	1	11/15/2011 10:35 PM
n-Propylbenzene	ND	0.50		µg/L	1	11/15/2011 10:35 PM
Naphthalene	ND	0.50		µg/L	1	11/15/2011 10:35 PM
o-Xylene	ND	0.50		µg/L	1	11/15/2011 10:35 PM
sec-Butylbenzene	ND	0.50		µg/L	1	11/15/2011 10:35 PM
Styrene	ND	0.50		µg/L	1	11/15/2011 10:35 PM
tert-Butylbenzene	ND	0.50		µg/L	1	11/15/2011 10:35 PM
Tetrachloroethene	380	5.0		µg/L	10	11/15/2011 08:58 PM
Toluene	ND	0.50		µg/L	1	11/15/2011 10:35 PM
trans-1,2-Dichloroethene	ND	0.50		µg/L	1	11/15/2011 10:35 PM
Trichloroethene	1.3	0.50		µg/L	1	11/15/2011 10:35 PM
Trichlorofluoromethane	ND	0.50		µg/L	1	11/15/2011 10:35 PM
Vinyl chloride	ND	0.50		µg/L	1	11/15/2011 10:35 PM
Surr: 1,2-Dichloroethane-d4	102	56-120		%REC	10	11/15/2011 08:58 PM
Surr: 1,2-Dichloroethane-d4	91.2	56-120		%REC	1	11/15/2011 10:35 PM
Surr: 4-Bromofluorobenzene	98.3	80-120		%REC	1	11/15/2011 10:35 PM
Surr: 4-Bromofluorobenzene	98.7	80-120		%REC	10	11/15/2011 08:58 PM
Surr: Dibromofluoromethane	106	72-120		%REC	1	11/15/2011 10:35 PM
Surr: Dibromofluoromethane	114	72-120		%REC	10	11/15/2011 08:58 PM
Surr: Toluene-d8	112	80-123		%REC	1	11/15/2011 10:35 PM
Surr: Toluene-d8	118	80-123		%REC	10	11/15/2011 08:58 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



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ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** MW-23
Lab Order: N006814 **Collection Date:** 11/11/2011 3:02:00 PM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006814-014

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
				EPA 8260B		
RunID: MS1_111118A	QC Batch: D11VW169			PrepDate:	Analyst: QBM	
1,1,1,2-Tetrachloroethane	ND	0.50		µg/L	1	11/18/2011 07:15 PM
1,1,1-Trichloroethane	ND	0.50		µg/L	1	11/18/2011 07:15 PM
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	11/18/2011 07:15 PM
1,1,2-Trichloroethane	ND	0.50		µg/L	1	11/18/2011 07:15 PM
1,1-Dichloroethane	ND	0.50		µg/L	1	11/18/2011 07:15 PM
1,1-Dichloroethene	ND	0.50		µg/L	1	11/18/2011 07:15 PM
1,1-Dichloropropene	ND	0.50		µg/L	1	11/18/2011 07:15 PM
1,2,3-Trichlorobenzene	ND	0.50		µg/L	1	11/18/2011 07:15 PM
1,2,3-Trichloropropane	ND	0.50		µg/L	1	11/18/2011 07:15 PM
1,2,4-Trichlorobenzene	ND	0.50		µg/L	1	11/18/2011 07:15 PM
1,2,4-Trimethylbenzene	ND	0.50		µg/L	1	11/18/2011 07:15 PM
1,2-Dibromo-3-chloropropane	ND	1.0		µg/L	1	11/18/2011 07:15 PM
1,2-Dibromoethane	ND	0.50		µg/L	1	11/18/2011 07:15 PM
1,2-Dichlorobenzene	ND	0.50		µg/L	1	11/18/2011 07:15 PM
1,2-Dichloroethane	ND	0.50		µg/L	1	11/18/2011 07:15 PM
1,2-Dichloropropane	ND	0.50		µg/L	1	11/18/2011 07:15 PM
1,3,5-Trimethylbenzene	ND	0.50		µg/L	1	11/18/2011 07:15 PM
1,3-Dichlorobenzene	ND	0.50		µg/L	1	11/18/2011 07:15 PM
1,3-Dichloropropane	ND	0.50		µg/L	1	11/18/2011 07:15 PM
1,4-Dichlorobenzene	ND	0.50		µg/L	1	11/18/2011 07:15 PM
2,2-Dichloropropane	ND	0.50		µg/L	1	11/18/2011 07:15 PM
2-Chlorotoluene	ND	0.50		µg/L	1	11/18/2011 07:15 PM
4-Chlorotoluene	ND	0.50		µg/L	1	11/18/2011 07:15 PM
4-Isopropyltoluene	ND	0.50		µg/L	1	11/18/2011 07:15 PM
Benzene	ND	0.50		µg/L	1	11/18/2011 07:15 PM
Bromobenzene	ND	0.50		µg/L	1	11/18/2011 07:15 PM
Bromodichloromethane	ND	0.50		µg/L	1	11/18/2011 07:15 PM
Bromoform	ND	0.50		µg/L	1	11/18/2011 07:15 PM
Bromomethane	ND	0.50		µg/L	1	11/18/2011 07:15 PM
Carbon tetrachloride	ND	0.50		µg/L	1	11/18/2011 07:15 PM
Chlorobenzene	ND	0.50		µg/L	1	11/18/2011 07:15 PM
Chloroethane	ND	0.50		µg/L	1	11/18/2011 07:15 PM
Chloroform	1.5	0.50		µg/L	1	11/18/2011 07:15 PM
Chloromethane	ND	0.50		µg/L	1	11/18/2011 07:15 PM
cis-1,2-Dichloroethene	ND	0.50		µg/L	1	11/18/2011 07:15 PM
Dibromochloromethane	ND	0.50		µg/L	1	11/18/2011 07:15 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



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ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** MW-23
Lab Order: N006814 **Collection Date:** 11/11/2011 3:02:00 PM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006814-014

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_111118A	QC Batch:	D11VW169	PrepDate:	Analyst:	QBM
Dibromomethane	ND	0.50	µg/L	1	11/18/2011 07:15 PM	
Dichlorodifluoromethane	ND	0.50	µg/L	1	11/18/2011 07:15 PM	
Ethylbenzene	ND	0.50	µg/L	1	11/18/2011 07:15 PM	
Hexachlorobutadiene	ND	0.50	µg/L	1	11/18/2011 07:15 PM	
Isopropylbenzene	ND	0.50	µg/L	1	11/18/2011 07:15 PM	
m,p-Xylene	ND	1.0	µg/L	1	11/18/2011 07:15 PM	
Methylene chloride	ND	1.0	µg/L	1	11/18/2011 07:15 PM	
MTBE	ND	0.50	µg/L	1	11/18/2011 07:15 PM	
n-Butylbenzene	ND	0.50	µg/L	1	11/18/2011 07:15 PM	
n-Propylbenzene	ND	0.50	µg/L	1	11/18/2011 07:15 PM	
Naphthalene	ND	0.50	µg/L	1	11/18/2011 07:15 PM	
o-Xylene	ND	0.50	µg/L	1	11/18/2011 07:15 PM	
sec-Butylbenzene	ND	0.50	µg/L	1	11/18/2011 07:15 PM	
Styrene	ND	0.50	µg/L	1	11/18/2011 07:15 PM	
tert-Butylbenzene	ND	0.50	µg/L	1	11/18/2011 07:15 PM	
Tetrachloroethene	1100	5.0	µg/L	10	11/18/2011 03:15 PM	
Toluene	ND	0.50	µg/L	1	11/18/2011 07:15 PM	
trans-1,2-Dichloroethene	ND	0.50	µg/L	1	11/18/2011 07:15 PM	
Trichloroethene	2.4	0.50	µg/L	1	11/18/2011 07:15 PM	
Trichlorofluoromethane	ND	0.50	µg/L	1	11/18/2011 07:15 PM	
Vinyl chloride	ND	0.50	µg/L	1	11/18/2011 07:15 PM	
Surr: 1,2-Dichloroethane-d4	103	56-120	%REC	10	11/18/2011 03:15 PM	
Surr: 1,2-Dichloroethane-d4	98.3	56-120	%REC	1	11/18/2011 07:15 PM	
Surr: 4-Bromofluorobenzene	98.0	80-120	%REC	1	11/18/2011 07:15 PM	
Surr: 4-Bromofluorobenzene	96.8	80-120	%REC	10	11/18/2011 03:15 PM	
Surr: Dibromofluoromethane	114	72-120	%REC	1	11/18/2011 07:15 PM	
Surr: Dibromofluoromethane	112	72-120	%REC	10	11/18/2011 03:15 PM	
Surr: Toluene-d8	111	80-123	%REC	1	11/18/2011 07:15 PM	
Surr: Toluene-d8	114	80-123	%REC	10	11/18/2011 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



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ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT:	ATC Associates Inc.	Client Sample ID:	MW-18
Lab Order:	N006814	Collection Date:	11/11/2011 3:32:00 PM
Project:	MARYLAND SQUARE SHOPPING CENTER	Matrix:	WATER
Lab ID:	N006814-015		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111118A	QC Batch: D11VW169	PrepDate:	Analyst: QBM		
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1	11/18/2011 07:38 PM
1,1,1-Trichloroethane	ND	0.50	µg/L	1	11/18/2011 07:38 PM
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1	11/18/2011 07:38 PM
1,1,2-Trichloroethane	ND	0.50	µg/L	1	11/18/2011 07:38 PM
1,1-Dichloroethane	ND	0.50	µg/L	1	11/18/2011 07:38 PM
1,1-Dichloroethene	ND	0.50	µg/L	1	11/18/2011 07:38 PM
1,1-Dichloropropene	ND	0.50	µg/L	1	11/18/2011 07:38 PM
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1	11/18/2011 07:38 PM
1,2,3-Trichloropropane	ND	0.50	µg/L	1	11/18/2011 07:38 PM
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	11/18/2011 07:38 PM
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1	11/18/2011 07:38 PM
1,2-Dibromo-3-chloropropane	ND	1.0	µg/L	1	11/18/2011 07:38 PM
1,2-Dibromoethane	ND	0.50	µg/L	1	11/18/2011 07:38 PM
1,2-Dichlorobenzene	ND	0.50	µg/L	1	11/18/2011 07:38 PM
1,2-Dichloroethane	ND	0.50	µg/L	1	11/18/2011 07:38 PM
1,2-Dichloropropane	ND	0.50	µg/L	1	11/18/2011 07:38 PM
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1	11/18/2011 07:38 PM
1,3-Dichlorobenzene	ND	0.50	µg/L	1	11/18/2011 07:38 PM
1,3-Dichloropropane	ND	0.50	µg/L	1	11/18/2011 07:38 PM
1,4-Dichlorobenzene	ND	0.50	µg/L	1	11/18/2011 07:38 PM
2,2-Dichloropropane	ND	0.50	µg/L	1	11/18/2011 07:38 PM
2-Chlorotoluene	ND	0.50	µg/L	1	11/18/2011 07:38 PM
4-Chlorotoluene	ND	0.50	µg/L	1	11/18/2011 07:38 PM
4-Isopropyltoluene	ND	0.50	µg/L	1	11/18/2011 07:38 PM
Benzene	ND	0.50	µg/L	1	11/18/2011 07:38 PM
Bromobenzene	ND	0.50	µg/L	1	11/18/2011 07:38 PM
Bromodichloromethane	ND	0.50	µg/L	1	11/18/2011 07:38 PM
Bromoform	ND	0.50	µg/L	1	11/18/2011 07:38 PM
Bromomethane	ND	0.50	µg/L	1	11/18/2011 07:38 PM
Carbon tetrachloride	ND	0.50	µg/L	1	11/18/2011 07:38 PM
Chlorobenzene	ND	0.50	µg/L	1	11/18/2011 07:38 PM
Chloroethane	ND	0.50	µg/L	1	11/18/2011 07:38 PM
Chloroform	2.0	0.50	µg/L	1	11/18/2011 07:38 PM
Chloromethane	ND	0.50	µg/L	1	11/18/2011 07:38 PM
cis-1,2-Dichloroethene	ND	0.50	µg/L	1	11/18/2011 07:38 PM
Dibromochloromethane	ND	0.50	µg/L	1	11/18/2011 07:38 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		



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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** MW-18
Lab Order: N006814 **Collection Date:** 11/11/2011 3:32:00 PM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006814-015

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_111118A	QC Batch:	D11VW169	PrepDate:	Analyst:	QBM
Dibromomethane	ND	0.50	µg/L	1	11/18/2011 07:38 PM	
Dichlorodifluoromethane	ND	0.50	µg/L	1	11/18/2011 07:38 PM	
Ethylbenzene	ND	0.50	µg/L	1	11/18/2011 07:38 PM	
Hexachlorobutadiene	ND	0.50	µg/L	1	11/18/2011 07:38 PM	
Isopropylbenzene	ND	0.50	µg/L	1	11/18/2011 07:38 PM	
m,p-Xylene	ND	1.0	µg/L	1	11/18/2011 07:38 PM	
Methylene chloride	ND	1.0	µg/L	1	11/18/2011 07:38 PM	
MTBE	ND	0.50	µg/L	1	11/18/2011 07:38 PM	
n-Butylbenzene	ND	0.50	µg/L	1	11/18/2011 07:38 PM	
n-Propylbenzene	ND	0.50	µg/L	1	11/18/2011 07:38 PM	
Naphthalene	ND	0.50	µg/L	1	11/18/2011 07:38 PM	
o-Xylene	ND	0.50	µg/L	1	11/18/2011 07:38 PM	
sec-Butylbenzene	ND	0.50	µg/L	1	11/18/2011 07:38 PM	
Styrene	ND	0.50	µg/L	1	11/18/2011 07:38 PM	
tert-Butylbenzene	ND	0.50	µg/L	1	11/18/2011 07:38 PM	
Tetrachloroethene	1100	5.0	µg/L	10	11/18/2011 03:38 PM	
Toluene	ND	0.50	µg/L	1	11/18/2011 07:38 PM	
trans-1,2-Dichloroethene	ND	0.50	µg/L	1	11/18/2011 07:38 PM	
Trichloroethene	3.3	0.50	µg/L	1	11/18/2011 07:38 PM	
Trichlorofluoromethane	ND	0.50	µg/L	1	11/18/2011 07:38 PM	
Vinyl chloride	ND	0.50	µg/L	1	11/18/2011 07:38 PM	
Surr: 1,2-Dichloroethane-d4	107	56-120	%REC	10	11/18/2011 03:38 PM	
Surr: 1,2-Dichloroethane-d4	98.4	56-120	%REC	1	11/18/2011 07:38 PM	
Surr: 4-Bromofluorobenzene	95.4	80-120	%REC	1	11/18/2011 07:38 PM	
Surr: 4-Bromofluorobenzene	96.4	80-120	%REC	10	11/18/2011 03:38 PM	
Surr: Dibromofluoromethane	113	72-120	%REC	1	11/18/2011 07:38 PM	
Surr: Dibromofluoromethane	116	72-120	%REC	10	11/18/2011 03:38 PM	
Surr: Toluene-d8	104	80-123	%REC	1	11/18/2011 07:38 PM	
Surr: Toluene-d8	113	80-123	%REC	10	11/18/2011 03:38 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



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ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** FIELD BLANK
Lab Order: N006814 **Collection Date:** 11/11/2011 3:34:00 PM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006814-016

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_111115B	QC Batch:	D11VW168	PrepDate:	Analyst:	QBM
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
1,1,1-Trichloroethane	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
1,1,2-Trichloroethane	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
1,1-Dichloroethane	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
1,1-Dichloroethene	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
1,1-Dichloropropene	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
1,2,3-Trichloropropane	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/L	1	11/15/2011 04:28 PM	
1,2-Dibromoethane	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
1,2-Dichlorobenzene	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
1,2-Dichloroethane	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
1,2-Dichloropropane	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
1,3-Dichlorobenzene	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
1,3-Dichloropropane	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
1,4-Dichlorobenzene	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
2,2-Dichloropropane	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
2-Chlorotoluene	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
4-Chlorotoluene	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
4-Isopropyltoluene	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
Benzene	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
Bromobenzene	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
Bromodichloromethane	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
Bromoform	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
Bromomethane	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
Carbon tetrachloride	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
Chlorobenzene	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
Chloroethane	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
Chloroform	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
Chloromethane	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
cis-1,2-Dichloroethene	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
Dibromochloromethane	ND	0.50	µg/L	1	11/15/2011 04:28 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



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 21-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** FIELD BLANK
Lab Order: N006814 **Collection Date:** 11/11/2011 3:34:00 PM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006814-016

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_111115B	QC Batch:	D11VW168	PrepDate:	Analyst:	QBM
Dibromomethane	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
Dichlorodifluoromethane	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
Ethylbenzene	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
Hexachlorobutadiene	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
Isopropylbenzene	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
m,p-Xylene	ND	1.0	µg/L	1	11/15/2011 04:28 PM	
Methylene chloride	3.0	1.0	µg/L	1	11/15/2011 04:28 PM	
MTBE	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
n-Butylbenzene	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
n-Propylbenzene	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
Naphthalene	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
o-Xylene	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
sec-Butylbenzene	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
Styrene	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
tert-Butylbenzene	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
Tetrachloroethene	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
Toluene	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
trans-1,2-Dichloroethene	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
Trichloroethene	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
Trichlorofluoromethane	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
Vinyl chloride	ND	0.50	µg/L	1	11/15/2011 04:28 PM	
Surr: 1,2-Dichloroethane-d4	89.3	56-120	%REC	1	11/15/2011 04:28 PM	
Surr: 4-Bromofluorobenzene	100	80-120	%REC	1	11/15/2011 04:28 PM	
Surr: Dibromofluoromethane	106	72-120	%REC	1	11/15/2011 04:28 PM	
Surr: Toluene-d8	112	80-123	%REC	1	11/15/2011 04:28 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



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

Date: 21-Nov-11

CLIENT: ATC Associates Inc.
 Work Order: N006814

ANALYTICAL QC SUMMARY REPORT

Project: MARYLAND SQUARE SHOPPING CENTER

TestCode: 8260_WP_LL

Sample ID: D11115LCS2	SampType: LCS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82199
Client ID: LCSW	Batch ID: D111WV168	TestNo: EPA 8260B		Analysis Date: 11/15/2011	SeqNo: 1326646

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	17.400	0.50	20.00	0	87.0	74	122				
1,1,1-Trichloroethane	18.600	0.50	20.00	0	93.0	65	120				
1,1,2,2-Tetrachloroethane	20.070	0.50	20.00	0	100	80	120				
1,1,2-Trichloroethane	19.920	0.50	20.00	0	99.6	80	120				
1,1-Dichloroethane	21.210	0.50	20.00	0	106	80	120				
1,1-Dichloroethene	21.680	0.50	20.00	0	108	80	120				
1,1-Dichloropropene	19.850	0.50	20.00	0	99.2	80	120				
1,2,3-Trichlorobenzene	20.920	0.50	20.00	0	105	80	124				
1,2,3-Trichloropropane	18.180	0.50	20.00	0	90.9	80	120				
1,2,4-Trichlorobenzene	20.710	0.50	20.00	0	104	80	126				
1,2,4-Trimethylbenzene	19.350	0.50	20.00	0	96.8	80	123				
1,2-Dibromo-3-chloropropane	19.530	1.0	20.00	0	97.6	70	120				
1,2-Dibromoethane	19.740	0.50	20.00	0	98.7	80	120				
1,2-Dichlorobenzene	19.670	0.50	20.00	0	98.4	80	120				
1,2-Dichloroethane	22.170	0.50	20.00	0	111	80	120				
1,2-Dichloropropane	19.290	0.50	20.00	0	96.5	80	120				
1,3,5-Trimethylbenzene	19.460	0.50	20.00	0	97.3	80	121				
1,3-Dichlorobenzene	19.360	0.50	20.00	0	96.8	80	120				
1,3-Dichloropropane	18.540	0.50	20.00	0	92.7	80	120				
1,4-Dichlorobenzene	19.450	0.50	20.00	0	97.3	80	120				
2,2-Dichloropropane	18.490	0.50	20.00	0	92.5	54	120				
2-Chlorotoluene	18.650	0.50	20.00	0	93.3	80	122				
4-Chlorotoluene	18.860	0.50	20.00	0	94.3	80	120				
4-Isopropyltoluene	19.960	0.50	20.00	0	99.8	80	122				
Benzene	20.470	0.50	20.00	0	102	80	120				
Bromobenzene	18.890	0.50	20.00	0	94.4	80	120				
Bromodichloromethane	21.660	0.50	20.00	0	108	70	120				
Bromoform	18.800	0.50	20.00	0	94.0	66	120				
Bromomethane	15.930	0.50	20.00	0	79.6	48	155				

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
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006814

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D111115LCS2	SampType: LCS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82199
Client ID: LCSW	Batch ID: D111W168	TestNo: EPA 8260B		Analysis Date: 11/15/2011	SeqNo: 1326646

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	18.550	0.50	20.00	0	92.8	60	120				
Chlorobenzene	20.490	0.50	20.00	0	102	80	120				
Chloroethane	19.650	0.50	20.00	0	98.2	62	147				
Chloroform	21.990	0.50	20.00	0	110	80	120				
Chloromethane	19.760	0.50	20.00	0	98.8	63	121				
cis-1,2-Dichloroethene	21.500	0.50	20.00	0	108	80	120				
Dibromochloromethane	19.910	0.50	20.00	0	99.6	67	123				
Dibromomethane	21.990	0.50	20.00	0	110	80	120				
Dichlorodifluoromethane	22.220	0.50	20.00	0	111	70	121				
Ethylbenzene	20.340	0.50	20.00	0	102	80	120				
Hexachlorobutadiene	19.630	0.50	20.00	0	98.2	80	123				
Isopropylbenzene	19.090	0.50	20.00	0	95.4	80	121				
m,p-Xylene	41.510	1.0	40.00	0	104	80	120				
Methylene chloride	21.550	1.0	20.00	0	108	75	120				
MTBE	20.350	0.50	20.00	0	102	70	120				
n-Butylbenzene	20.230	0.50	20.00	0	101	80	129				
n-Propylbenzene	19.320	0.50	20.00	0	96.6	80	122				
Naphthalene	20.840	0.50	20.00	0	104	73	127				
o-Xylene	20.020	0.50	20.00	0	100	80	120				
sec-Butylbenzene	19.700	0.50	20.00	0	98.5	80	120				
Styrene	20.430	0.50	20.00	0	102	80	120				
tert-Butylbenzene	19.120	0.50	20.00	0	95.6	80	120				
Tetrachloroethene	20.830	0.50	20.00	0	104	80	121				
Toluene	21.040	0.50	20.00	0	105	80	120				
trans-1,2-Dichloroethene	23.680	0.50	20.00	0	118	80	120				
Trichloroethene	20.350	0.50	20.00	0	102	80	120				
Trichlorofluoromethane	19.830	0.50	20.00	0	99.2	71	148				
Vinyl chloride	20.870	0.50	20.00	0	104	80	120				
Surr: 1,2-Dichloroethane-d4	26.650		25.00		107	56	120				
Surr: 4-Bromofluorobenzene	24.200		25.00		96.8	80	120				

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
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006814

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D11115LCS2	SampType: LCS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82199						
Client ID: LCSW	Batch ID: D111VW168	TestNo: EPA 8260B		Analysis Date: 11/15/2011	SeqNo: 1326646						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Dibromofluoromethane	28.510		25.00		114	72	120				
Surr: Toluene-d8	26.720		25.00		107	80	123				

Sample ID: N006814-002AMS	SampType: MS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82199						
Client ID: ZZZZZ	Batch ID: D111VW168	TestNo: EPA 8260B		Analysis Date: 11/15/2011	SeqNo: 1326647						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1,2-Tetrachloroethane	17.090	0.50	20.00	0	85.4	70	120				
1,1,1-Trichloroethane	17.860	0.50	20.00	0	89.3	68	120				
1,1,2,2-Tetrachloroethane	16.710	0.50	20.00	0	83.6	69	120				
1,1,2-Trichloroethane	17.490	0.50	20.00	0	87.5	71	120				
1,1-Dichloroethane	20.850	0.50	20.00	0	104	77	120				
1,1-Dichloroethene	22.270	0.50	20.00	0	111	80	120				
1,1-Dichloropropene	20.850	0.50	20.00	0	104	80	120				
1,2,3-Trichlorobenzene	18.440	0.50	20.00	0	92.2	80	120				
1,2,3-Trichloropropane	15.190	0.50	20.00	0	76.0	68	120				
1,2,4-Trichlorobenzene	19.420	0.50	20.00	0	97.1	80	120				
1,2,4-Trimethylbenzene	18.710	0.50	20.00	0	93.6	72	131				
1,2-Dibromo-3-chloropropane	15.350	1.0	20.00	0	76.8	57	120				
1,2-Dibromoethane	16.650	0.50	20.00	0	83.3	71	120				
1,2-Dichlorobenzene	18.850	0.50	20.00	0	94.3	80	120				
1,2-Dichloroethane	19.240	0.50	20.00	0	96.2	72	120				
1,2-Dichloropropane	18.630	0.50	20.00	0	93.2	76	120				
1,3,5-Trimethylbenzene	19.570	0.50	20.00	0	97.9	80	125				
1,3-Dichlorobenzene	19.710	0.50	20.00	0	98.6	80	120				
1,3-Dichloropropane	16.310	0.50	20.00	0	81.6	70	120				
1,4-Dichlorobenzene	19.130	0.50	20.00	0	95.7	80	120				
2,2-Dichloropropane	18.000	0.50	20.00	0	90.0	58	120				
2-Chlorotoluene	19.270	0.50	20.00	0	96.4	80	128				
4-Chlorotoluene	19.250	0.50	20.00	0	96.2	80	122				

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
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006814

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: N006814-002AMS	Sample Type: MS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82199						
Client ID: ZZZZZ	Batch ID: D11VW168	TestNo: EPA 8260B		Analysis Date: 11/15/2011	SeqNo: 1326647						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

4-Isopropyltoluene	20.610	0.50	20.00	0	103	80	127				
Benzene	20.260	0.50	20.00	0	101	80	120				
Bromobenzene	18.750	0.50	20.00	0	93.8	80	120				
Bromodichloromethane	19.860	0.50	20.00	0	99.3	64	122				
Bromoform	16.530	0.50	20.00	0	82.6	60	120				
Bromomethane	16.020	0.50	20.00	0	80.1	69	129				
Carbon tetrachloride	18.430	0.50	20.00	0	92.2	65	120				
Chlorobenzene	20.110	0.50	20.00	0	101	80	120				
Chloroethane	20.030	0.50	20.00	0	100	56	158				
Chloroform	23.560	0.50	20.00	2.370	106	76	120				
Chloromethane	20.230	0.50	20.00	0	101	59	120				
cis-1,2-Dichloroethene	21.100	0.50	20.00	0	106	79	120				
Dibromochloromethane	17.630	0.50	20.00	0	88.2	49	131				
Dibromomethane	18.770	0.50	20.00	0	93.8	73	120				
Dichlorodifluoromethane	22.840	0.50	20.00	0	114	67	124				
Ethylbenzene	20.860	0.50	20.00	0	104	80	120				
Hexachlorobutadiene	19.690	0.50	20.00	0	98.4	80	130				
Isopropylbenzene	19.880	0.50	20.00	0	99.4	80	128				
m,p-Xylene	41.850	1.0	40.00	0	105	80	123				
Methylene chloride	20.110	1.0	20.00	0	101	67	120				
MTBE	17.370	0.50	20.00	0	86.9	52	120				
n-Butylbenzene	20.950	0.50	20.00	0	105	80	132				
n-Propylbenzene	20.270	0.50	20.00	0	101	80	130				
Naphthalene	15.820	0.50	20.00	0	79.1	57	120				
o-Xylene	20.080	0.50	20.00	0	100	80	120				
sec-Butylbenzene	20.530	0.50	20.00	0	103	80	128				
Styrene	18.100	0.50	20.00	0	90.5	50	136				
tert-Butylbenzene	19.960	0.50	20.00	0	99.8	80	125				
Tetrachloroethene	21.560	0.50	20.00	0	108	70	145				
Toluene	20.970	0.50	20.00	0	105	80	120				

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
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006814

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: N006814-002AMS	SampType: MS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82199						
Client ID: ZZZZZZ	Batch ID: D11VW168	TestNo: EPA 8260B		Analysis Date: 11/15/2011	SeqNo: 1326647						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	23.160	0.50	20.00	0	116	80	120				
Trichloroethene	20.530	0.50	20.00	0	103	80	120				
Trichlorofluoromethane	19.890	0.50	20.00	0	99.4	67	154				
Vinyl chloride	20.950	0.50	20.00	0	105	77	120				
Surr: 1,2-Dichloroethane-d4	23.300		25.00		93.2	56	120				
Surr: 4-Bromofluorobenzene	24.530		25.00		98.1	80	120				
Surr: Dibromofluoromethane	27.980		25.00		112	72	120				
Surr: Toluene-d8	27.480		25.00		110	80	123				

Sample ID: N006814-002AMSD	SampType: MSD	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82199						
Client ID: ZZZZZZ	Batch ID: D11VW168	TestNo: EPA 8260B		Analysis Date: 11/15/2011	SeqNo: 1326648						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	16.940	0.50	20.00	0	84.7	70	120	17.09	0.882	20	
1,1,1-Trichloroethane	17.650	0.50	20.00	0	88.2	68	120	17.86	1.18	20	
1,1,2,2-Tetrachloroethane	17.170	0.50	20.00	0	85.9	69	120	16.71	2.72	20	
1,1,2-Trichloroethane	17.490	0.50	20.00	0	87.5	71	120	17.49	0	20	
1,1-Dichloroethane	20.710	0.50	20.00	0	104	77	120	20.85	0.674	20	
1,1-Dichloroethene	21.860	0.50	20.00	0	109	80	120	22.27	1.86	20	
1,1-Dichloropropene	20.240	0.50	20.00	0	101	80	120	20.85	2.97	20	
1,2,3-Trichlorobenzene	19.190	0.50	20.00	0	96.0	80	120	18.44	3.99	20	
1,2,3-Trichloropropane	15.350	0.50	20.00	0	76.8	68	120	15.19	1.05	20	
1,2,4-Trichlorobenzene	20.040	0.50	20.00	0	100	80	120	19.42	3.14	20	
1,2,4-Trimethylbenzene	17.290	0.50	20.00	0	86.5	72	131	18.71	7.89	20	
1,2-Dibromo-3-chloropropane	16.520	1.0	20.00	0	82.6	57	120	15.35	7.34	20	
1,2-Dibromoethane	17.760	0.50	20.00	0	88.8	71	120	16.65	6.45	20	
1,2-Dichlorobenzene	19.160	0.50	20.00	0	95.8	80	120	18.85	1.63	20	
1,2-Dichloroethane	20.150	0.50	20.00	0	101	72	120	19.24	4.62	20	
1,2-Dichloropropane	18.940	0.50	20.00	0	94.7	76	120	18.63	1.65	20	
1,3,5-Trimethylbenzene	18.810	0.50	20.00	0	94.1	80	125	19.57	3.96	20	

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
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

CLIENT: ATC Associates Inc.
Work Order: N006814

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: N006814-002AMSD	SampType: MSD	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82199
Client ID: ZZZZZ	Batch ID: D11VW168	TestNo: EPA 8260B		Analysis Date: 11/15/2011	SeqNo: 1326648

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	19.580	0.50	20.00	0	97.9	80	120	19.71	0.662	20	
1,3-Dichloropropane	16.190	0.50	20.00	0	81.0	70	120	16.31	0.738	20	
1,4-Dichlorobenzene	19.430	0.50	20.00	0	97.2	80	120	19.13	1.56	20	
2,2-Dichloropropane	17.330	0.50	20.00	0	86.7	58	120	18.00	3.79	20	
2-Chlorotoluene	18.760	0.50	20.00	0	93.8	80	128	19.27	2.68	20	
4-Chlorotoluene	18.920	0.50	20.00	0	94.6	80	122	19.25	1.73	20	
4-Isopropyltoluene	19.880	0.50	20.00	0	99.4	80	127	20.61	3.61	20	
Benzene	20.190	0.50	20.00	0	101	80	120	20.26	0.346	20	
Bromobenzene	18.530	0.50	20.00	0	92.6	80	120	18.75	1.18	20	
Bromodichloromethane	20.580	0.50	20.00	0	103	64	122	19.86	3.56	20	
Bromoform	17.020	0.50	20.00	0	85.1	60	120	16.53	2.92	20	
Bromomethane	16.550	0.50	20.00	0	82.8	69	129	16.02	3.25	20	
Carbon tetrachloride	18.450	0.50	20.00	0	92.2	65	120	18.43	0.108	20	
Chlorobenzene	20.350	0.50	20.00	0	102	80	120	20.11	1.19	20	
Chloroethane	19.820	0.50	20.00	0	99.1	56	158	20.03	1.05	20	
Chloroform	23.050	0.50	20.00	2.370	103	76	120	23.56	2.19	20	
Chloromethane	20.960	0.50	20.00	0	105	59	120	20.23	3.54	20	
cis-1,2-Dichloroethene	21.390	0.50	20.00	0	107	79	120	21.10	1.37	20	
Dibromochloromethane	18.220	0.50	20.00	0	91.1	49	131	17.63	3.29	20	
Dibromomethane	19.780	0.50	20.00	0	98.9	73	120	18.77	5.24	20	
Dichlorodifluoromethane	22.860	0.50	20.00	0	114	67	124	22.84	0.0875	20	
Ethylbenzene	20.670	0.50	20.00	0	103	80	120	20.86	0.915	20	
Hexachlorobutadiene	20.080	0.50	20.00	0	100	80	130	19.69	1.96	20	
Isopropylbenzene	19.240	0.50	20.00	0	96.2	80	128	19.88	3.27	20	
m,p-Xylene	41.500	1.0	40.00	0	104	80	123	41.85	0.840	20	
Methylene chloride	20.740	1.0	20.00	0	104	67	120	20.11	3.08	20	
MTBE	17.840	0.50	20.00	0	89.2	52	120	17.37	2.67	20	
n-Butylbenzene	20.380	0.50	20.00	0	102	80	132	20.95	2.76	20	
n-Propylbenzene	19.620	0.50	20.00	0	98.1	80	130	20.27	3.26	20	
Naphthalene	15.990	0.50	20.00	0	80.0	57	120	15.82	1.07	20	

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
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

CLIENT: ATC Associates Inc.
Work Order: N006814

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: N006814-002AMSD	SampType: MSD	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82199
Client ID: ZZZZZ	Batch ID: D11VW168	TestNo: EPA 8260B		Analysis Date: 11/15/2011	SeqNo: 1326648

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Xylene	20.260	0.50	20.00	0	101	80	120	20.08	0.892	20	
sec-Butylbenzene	19.920	0.50	20.00	0	99.6	80	128	20.53	3.02	20	
Styrene	16.500	0.50	20.00	0	82.5	50	136	18.10	9.25	20	
tert-Butylbenzene	19.620	0.50	20.00	0	98.1	80	125	19.96	1.72	20	
Tetrachloroethene	21.040	0.50	20.00	0	105	70	145	21.56	2.44	20	
Toluene	21.560	0.50	20.00	0	108	80	120	20.97	2.77	20	
trans-1,2-Dichloroethene	22.490	0.50	20.00	0	112	80	120	23.16	2.94	20	
Trichloroethene	20.340	0.50	20.00	0	102	80	120	20.53	0.930	20	
Trichlorofluoromethane	19.310	0.50	20.00	0	96.6	67	154	19.89	2.96	20	
Vinyl chloride	21.000	0.50	20.00	0	105	77	120	20.95	0.238	20	
Surr: 1,2-Dichloroethane-d4	23.830		25.00		95.3	56	120		0		
Surr: 4-Bromofluorobenzene	24.540		25.00		98.2	80	120		0		
Surr: Dibromofluoromethane	27.930		25.00		112	72	120		0		
Surr: Toluene-d8	27.990		25.00		112	80	123		0		

Sample ID: D111115MB4	SampType: MBLK	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82199
Client ID: PBW	Batch ID: D11VW168	TestNo: EPA 8260B		Analysis Date: 11/15/2011	SeqNo: 1326649

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									

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
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

CLIENT: ATC Associates Inc.
Work Order: N006814

ANALYTICAL QC SUMMARY REPORT

Project: MARYLAND SQUARE SHOPPING CENTER

TestCode: 8260_WP_LL

Sample ID: D11115MB4	SampType: MBLK	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82199						
Client ID: PBW	Batch ID: D111VW168	TestNo: EPA 8260B		Analysis Date: 11/15/2011	SeqNo: 1326649						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,2-Dibromo-3-chloropropane	ND	1.0									
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									
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									
Dibromochloromethane	ND	0.50									
Dibromomethane	ND	0.50									
Dichlorodifluoromethane	ND	0.50									
Ethylbenzene	ND	0.50									
Hexachlorobutadiene	ND	0.50									
Isopropylbenzene	ND	0.50									

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
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 Calculations are based on raw values



CLIENT: ATC Associates Inc.
Work Order: N006814

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D111115MB4	SampType: MBLK	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82199						
Client ID: PBW	Batch ID: D111VW168	TestNo: EPA 8260B		Analysis Date: 11/15/2011	SeqNo: 1326649						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

m,p-Xylene	ND	1.0									
Methylene chloride	ND	1.0									
MTBE	ND	0.50									
n-Butylbenzene	ND	0.50									
n-Propylbenzene	ND	0.50									
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	24.720		25.00		98.9	56		120			
Surr: 4-Bromofluorobenzene	25.330		25.00		101	80		120			
Surr: Dibromofluoromethane	27.880		25.00		112	72		120			
Surr: Toluene-d8	28.230		25.00		113	80		123			

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
 S Spike/Surrogate outside of limits due to matrix interference
 H Holding times for preparation or analysis exceeded
 Calculations are based on raw values



CLIENT: ATC Associates Inc.
Work Order: N006814

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D111118LCS	Sample Type: LCS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82196						
Client ID: LCSW	Batch ID: D111VW169	TestNo: EPA 8260B		Analysis Date: 11/18/2011	SeqNo: 1326559						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1,2-Tetrachloroethane	16.020	0.50	20.00	0	80.1	74	122				
1,1,1-Trichloroethane	17.140	0.50	20.00	0	85.7	65	120				
1,1,2,2-Tetrachloroethane	19.990	0.50	20.00	0	100	80	120				
1,1,2-Trichloroethane	20.460	0.50	20.00	0	102	80	120				
1,1-Dichloroethane	21.990	0.50	20.00	0	110	80	120				
1,1-Dichloroethane	23.260	0.50	20.00	0	116	80	120				
1,1-Dichloropropene	19.220	0.50	20.00	0	96.1	80	120				
1,2,3-Trichlorobenzene	18.820	0.50	20.00	0	94.1	80	124				
1,2,3-Trichloropropane	18.630	0.50	20.00	0	93.2	80	120				
1,2,4-Trichlorobenzene	18.890	0.50	20.00	0	94.4	80	126				
1,2,4-Trimethylbenzene	18.440	0.50	20.00	0	92.2	80	123				
1,2-Dibromo-3-chloropropane	16.210	1.0	20.00	0	81.0	70	120				
1,2-Dibromoethane	20.930	0.50	20.00	0	105	80	120				
1,2-Dichlorobenzene	18.810	0.50	20.00	0	94.1	80	120				
1,2-Dichloroethane	21.620	0.50	20.00	0	108	80	120				
1,2-Dichloropropane	18.740	0.50	20.00	0	93.7	80	120				
1,3,5-Trimethylbenzene	18.830	0.50	20.00	0	94.2	80	121				
1,3-Dichlorobenzene	18.840	0.50	20.00	0	94.2	80	120				
1,3-Dichloropropane	17.960	0.50	20.00	0	89.8	80	120				
1,4-Dichlorobenzene	18.600	0.50	20.00	0	93.0	80	120				
2,2-Dichloropropane	17.350	0.50	20.00	0	86.8	54	120				
2-Chlorotoluene	18.290	0.50	20.00	0	91.4	80	122				
4-Chlorotoluene	18.340	0.50	20.00	0	91.7	80	120				
4-Isopropyltoluene	19.250	0.50	20.00	0	96.2	80	122				
Benzene	20.080	0.50	20.00	0	100	80	120				
Bromobenzene	18.960	0.50	20.00	0	94.8	80	120				
Bromodichloromethane	20.030	0.50	20.00	0	100	70	120				
Bromoform	16.310	0.50	20.00	0	81.6	66	120				
Bromomethane	22.450	0.50	20.00	0	112	48	155				
Carbon tetrachloride	15.760	0.50	20.00	0	78.8	60	120				

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
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006814

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D111118LCS	SampType: LCS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82196							
Client ID: LCSW	Batch ID: D111W169	TestNo: EPA 8260B		Analysis Date: 11/18/2011	SeqNo: 1326559							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD	Ref Val	%RPD	RPDLimit	Qual

Chlorobenzene	19.070	0.50	20.00	0	95.4	80	120					
Chloroethane	22.330	0.50	20.00	0	112	62	147					
Chloroform	22.770	0.50	20.00	0	114	80	120					
Chloromethane	20.930	0.50	20.00	0	105	63	121					
cis-1,2-Dichloroethene	22.450	0.50	20.00	0	112	80	120					
Dibromochloromethane	17.570	0.50	20.00	0	87.9	67	123					
Dibromomethane	22.400	0.50	20.00	0	112	80	120					
Dichlorodifluoromethane	21.660	0.50	20.00	0	108	70	121					
Ethylbenzene	19.330	0.50	20.00	0	96.7	80	120					
Hexachlorobutadiene	18.740	0.50	20.00	0	93.7	80	123					
Isopropylbenzene	19.100	0.50	20.00	0	95.5	80	121					
m,p-Xylene	38.300	1.0	40.00	0	95.8	80	120					
Methylene chloride	22.020	1.0	20.00	0	110	75	120					
MTBE	20.010	0.50	20.00	0	100	70	120					
n-Butylbenzene	18.970	0.50	20.00	0	94.8	80	129					
n-Propylbenzene	19.190	0.50	20.00	0	96.0	80	122					
Naphthalene	18.130	0.50	20.00	0	90.7	73	127					
o-Xylene	18.580	0.50	20.00	0	92.9	80	120					
sec-Butylbenzene	19.240	0.50	20.00	0	96.2	80	120					
Styrene	18.810	0.50	20.00	0	94.1	80	120					
tert-Butylbenzene	18.880	0.50	20.00	0	94.4	80	120					
Tetrachloroethene	19.850	0.50	20.00	0	99.2	80	121					
Toluene	20.910	0.50	20.00	0	105	80	120					
trans-1,2-Dichloroethene	24.600	0.50	20.00	0	123	80	120					S
Trichloroethene	20.360	0.50	20.00	0	102	80	120					
Trichlorofluoromethane	22.220	0.50	20.00	0	111	71	148					
Vinyl chloride	21.390	0.50	20.00	0	107	80	120					
Surr: 1,2-Dichloroethane-d4	26.970		25.00		108	56	120					
Surr: 4-Bromofluorobenzene	22.760		25.00		91.0	80	120					
Surr: Dibromofluoromethane	29.600		25.00		118	72	120					

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
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006814

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D111118LCS	SampType: LCS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82196						
Client ID: LCSW	Batch ID: D111VW169	TestNo: EPA 8260B		Analysis Date: 11/18/2011	SeqNo: 1326559						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	26.510		25.00		106	80	123				

Sample ID: N006858-001AMS	SampType: MS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82196						
Client ID: ZZZZZ	Batch ID: D111VW169	TestNo: EPA 8260B		Analysis Date: 11/18/2011	SeqNo: 1326560						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1,2-Tetrachloroethane	16.290	0.50	20.00	0	81.4	70	120				
1,1,1-Trichloroethane	17.230	0.50	20.00	0	86.2	68	120				
1,1,2,2-Tetrachloroethane	16.870	0.50	20.00	0	84.4	69	120				
1,1,2-Trichloroethane	17.710	0.50	20.00	0	88.6	71	120				
1,1-Dichloroethane	21.740	0.50	20.00	0	109	77	120				
1,1-Dichloroethene	22.820	0.50	20.00	0	114	80	120				
1,1-Dichloropropene	20.300	0.50	20.00	0	102	80	120				
1,2,3-Trichlorobenzene	18.950	0.50	20.00	0	94.8	80	120				
1,2,3-Trichloropropane	15.730	0.50	20.00	0	78.7	68	120				
1,2,4-Trichlorobenzene	19.950	0.50	20.00	0	99.8	80	120				
1,2,4-Trimethylbenzene	19.160	0.50	20.00	0	95.8	72	131				
1,2-Dibromo-3-chloropropane	13.880	1.0	20.00	0	69.4	57	120				
1,2-Dibromoethane	17.480	0.50	20.00	0	87.4	71	120				
1,2-Dichlorobenzene	19.210	0.50	20.00	0	96.0	80	120				
1,2-Dichloroethane	18.970	0.50	20.00	0	94.8	72	120				
1,2-Dichloropropane	18.700	0.50	20.00	0	93.5	76	120				
1,3,5-Trimethylbenzene	19.880	0.50	20.00	0	99.4	80	125				
1,3-Dichlorobenzene	19.820	0.50	20.00	0	99.1	80	120				
1,3-Dichloropropane	16.350	0.50	20.00	0	81.8	70	120				
1,4-Dichlorobenzene	19.560	0.50	20.00	0	97.8	80	120				
2,2-Dichloropropane	17.280	0.50	20.00	0	86.4	58	120				
2-Chlorotoluene	19.430	0.50	20.00	0	97.2	80	128				
4-Chlorotoluene	19.750	0.50	20.00	0	98.8	80	122				
4-Isopropyltoluene	20.460	0.50	20.00	0	102	80	127				

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
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006814

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: N006858-001AMS	SampType: MS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82196						
Client ID: ZZZZZZ	Batch ID: D111WV169	TestNo: EPA 8260B		Analysis Date: 11/18/2011	SeqNo: 1326560						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	20.830	0.50	20.00	0	104	80	120				
Bromobenzene	19.380	0.50	20.00	0	96.9	80	120				
Bromodichloromethane	19.020	0.50	20.00	0	95.1	64	122				
Bromoform	15.130	0.50	20.00	0	75.6	60	120				
Bromomethane	22.320	0.50	20.00	0	112	69	129				
Carbon tetrachloride	16.160	0.50	20.00	0	80.8	65	120				
Chlorobenzene	20.080	0.50	20.00	0	100	80	120				
Chloroethane	22.670	0.50	20.00	0	113	56	158				
Chloroform	22.410	0.50	20.00	0	112	76	120				
Chloromethane	21.300	0.50	20.00	0	106	59	120				
cis-1,2-Dichloroethene	21.830	0.50	20.00	0	109	79	120				
Dibromochloromethane	16.320	0.50	20.00	0	81.6	49	131				
Dibromomethane	19.360	0.50	20.00	0	96.8	73	120				
Dichlorodifluoromethane	21.890	0.50	20.00	0	109	67	124				
Ethylbenzene	20.590	0.50	20.00	0	103	80	120				
Hexachlorobutadiene	20.000	0.50	20.00	0	100	80	130				
Isopropylbenzene	20.380	0.50	20.00	0	102	80	128				
m,p-Xylene	41.140	1.0	40.00	0	103	80	123				
Methylene chloride	21.040	1.0	20.00	0	105	67	120				
MTBE	17.290	0.50	20.00	0	86.5	52	120				
n-Butylbenzene	20.560	0.50	20.00	0	103	80	132				
n-Propylbenzene	20.380	0.50	20.00	0	102	80	130				
Naphthalene	15.460	0.50	20.00	0	77.3	57	120				
o-Xylene	19.750	0.50	20.00	0	98.8	80	120				
sec-Butylbenzene	20.490	0.50	20.00	0	102	80	128				
Styrene	18.670	0.50	20.00	0	93.4	50	136				
tert-Butylbenzene	20.000	0.50	20.00	0	100	80	125				
Tetrachloroethene	21.260	0.50	20.00	0	106	70	145				
Toluene	21.720	0.50	20.00	0	109	80	120				
trans-1,2-Dichloroethene	24.070	0.50	20.00	0	120	80	120				S

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
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006814

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **N006858-001AMS** SampType: **MS** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **82196**
 Client ID: **ZZZZZ** Batch ID: **D11VW169** TestNo: **EPA 8260B** Analysis Date: **11/18/2011** SeqNo: **1326560**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	20.840	0.50	20.00	0	104	80	120				
Trichlorofluoromethane	22.440	0.50	20.00	0	112	67	154				
Vinyl chloride	21.830	0.50	20.00	0	109	77	120				
Surr: 1,2-Dichloroethane-d4	23.740		25.00		95.0	56	120				
Surr: 4-Bromofluorobenzene	23.870		25.00		95.5	80	120				
Surr: Dibromofluoromethane	27.610		25.00		110	72	120				
Surr: Toluene-d8	27.600		25.00		110	80	123				

Sample ID: **N006858-001AMSD** SampType: **MSD** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **82196**
 Client ID: **ZZZZZ** Batch ID: **D11VW169** TestNo: **EPA 8260B** Analysis Date: **11/18/2011** SeqNo: **1326561**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	15.660	0.50	20.00	0	78.3	70	120	16.29	3.94	20	
1,1,1-Trichloroethane	16.460	0.50	20.00	0	82.3	68	120	17.23	4.57	20	
1,1,2,2-Tetrachloroethane	16.860	0.50	20.00	0	84.3	69	120	16.87	0.0593	20	
1,1,2-Trichloroethane	17.730	0.50	20.00	0	88.6	71	120	17.71	0.113	20	
1,1-Dichloroethane	20.660	0.50	20.00	0	103	77	120	21.74	5.09	20	
1,1-Dichloroethene	22.090	0.50	20.00	0	110	80	120	22.82	3.25	20	
1,1-Dichloropropene	18.850	0.50	20.00	0	94.3	80	120	20.30	7.41	20	
1,2,3-Trichlorobenzene	17.850	0.50	20.00	0	89.2	80	120	18.95	5.98	20	
1,2,3-Trichloropropane	15.540	0.50	20.00	0	77.7	68	120	15.73	1.22	20	
1,2,4-Trichlorobenzene	18.580	0.50	20.00	0	92.9	80	120	19.95	7.11	20	
1,2,4-Trimethylbenzene	16.490	0.50	20.00	0	82.5	72	131	19.16	15.0	20	
1,2-Dibromo-3-chloropropane	14.050	1.0	20.00	0	70.2	57	120	13.88	1.22	20	
1,2-Dibromoethane	17.930	0.50	20.00	0	89.7	71	120	17.48	2.54	20	
1,2-Dichlorobenzene	18.050	0.50	20.00	0	90.3	80	120	19.21	6.23	20	
1,2-Dichloroethane	18.830	0.50	20.00	0	94.2	72	120	18.97	0.741	20	
1,2-Dichloropropane	17.620	0.50	20.00	0	88.1	76	120	18.70	5.95	20	
1,3,5-Trimethylbenzene	18.030	0.50	20.00	0	90.2	80	125	19.88	9.76	20	
1,3-Dichlorobenzene	18.580	0.50	20.00	0	92.9	80	120	19.82	6.46	20	

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
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006814

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: N006858-001AMSD	SampType: MSD	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82196
Client ID: ZZZZZ	Batch ID: D11VW169	TestNo: EPA 8260B		Analysis Date: 11/18/2011	SeqNo: 1326561

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichloropropane	15.820	0.50	20.00	0	79.1	70	120	16.35	3.29	20	
1,4-Dichlorobenzene	18.340	0.50	20.00	0	91.7	80	120	19.56	6.44	20	
2,2-Dichloropropane	16.150	0.50	20.00	0	80.8	58	120	17.28	6.76	20	
2-Chlorotoluene	18.160	0.50	20.00	0	90.8	80	128	19.43	6.76	20	
4-Chlorotoluene	18.260	0.50	20.00	0	91.3	80	122	19.75	7.84	20	
4-Isopropyltoluene	18.920	0.50	20.00	0	94.6	80	127	20.46	7.82	20	
Benzene	19.420	0.50	20.00	0	97.1	80	120	20.83	7.01	20	
Bromobenzene	18.110	0.50	20.00	0	90.6	80	120	19.38	6.78	20	
Bromodichloromethane	18.430	0.50	20.00	0	92.2	64	122	19.02	3.15	20	
Bromoform	15.130	0.50	20.00	0	75.6	60	120	15.13	0	20	
Bromomethane	22.290	0.50	20.00	0	111	69	129	22.32	0.134	20	
Carbon tetrachloride	15.610	0.50	20.00	0	78.0	65	120	16.16	3.46	20	
Chlorobenzene	18.990	0.50	20.00	0	95.0	80	120	20.08	5.58	20	
Chloroethane	21.510	0.50	20.00	0	108	56	158	22.67	5.25	20	
Chloroform	21.370	0.50	20.00	0	107	76	120	22.41	4.75	20	
Chloromethane	21.110	0.50	20.00	0	106	59	120	21.30	0.896	20	
cis-1,2-Dichloroethene	20.920	0.50	20.00	0	105	79	120	21.83	4.26	20	
Dibromochloromethane	15.540	0.50	20.00	0	77.7	49	131	16.32	4.90	20	
Dibromomethane	18.980	0.50	20.00	0	94.9	73	120	19.36	1.98	20	
Dichlorodifluoromethane	22.070	0.50	20.00	0	110	67	124	21.89	0.819	20	
Ethylbenzene	19.230	0.50	20.00	0	96.2	80	120	20.59	6.83	20	
Hexachlorobutadiene	19.220	0.50	20.00	0	96.1	80	130	20.00	3.98	20	
Isopropylbenzene	18.980	0.50	20.00	0	94.9	80	128	20.38	7.11	20	
m,p-Xylene	38.190	1.0	40.00	0	95.5	80	123	41.14	7.44	20	
Methylene chloride	20.600	1.0	20.00	0	103	67	120	21.04	2.11	20	
MTBE	17.240	0.50	20.00	0	86.2	52	120	17.29	0.290	20	
n-Butylbenzene	19.230	0.50	20.00	0	96.2	80	132	20.56	6.69	20	
n-Propylbenzene	19.130	0.50	20.00	0	95.7	80	130	20.38	6.33	20	
Naphthalene	14.720	0.50	20.00	0	73.6	57	120	15.46	4.90	20	
o-Xylene	18.350	0.50	20.00	0	91.8	80	120	19.75	7.35	20	

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
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006814

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **N006858-001AMSD** SampType: **MSD** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **82196**
 Client ID: **ZZZZZ** Batch ID: **D11VW169** TestNo: **EPA 8260B** Analysis Date: **11/18/2011** SeqNo: **1326561**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	19.290	0.50	20.00	0	96.5	80	128	20.49	6.03	20	
Styrene	15.230	0.50	20.00	0	76.2	50	136	18.67	20.3	20	R
tert-Butylbenzene	18.670	0.50	20.00	0	93.4	80	125	20.00	6.88	20	
Tetrachloroethene	19.710	0.50	20.00	0	98.6	70	145	21.26	7.57	20	
Toluene	20.590	0.50	20.00	0	103	80	120	21.72	5.34	20	
trans-1,2-Dichloroethene	22.940	0.50	20.00	0	115	80	120	24.07	4.81	20	
Trichloroethene	19.950	0.50	20.00	0	99.8	80	120	20.84	4.36	20	
Trichlorofluoromethane	21.550	0.50	20.00	0	108	67	154	22.44	4.05	20	
Vinyl chloride	20.840	0.50	20.00	0	104	77	120	21.83	4.64	20	
Surr: 1,2-Dichloroethane-d4	23.610		25.00		94.4	56	120		0		
Surr: 4-Bromofluorobenzene	22.680		25.00		90.7	80	120		0		
Surr: Dibromofluoromethane	27.190		25.00		109	72	120		0		
Surr: Toluene-d8	25.490		25.00		102	80	123		0		

Sample ID: **D11118MB2** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **82196**
 Client ID: **PBW** Batch ID: **D11VW169** TestNo: **EPA 8260B** Analysis Date: **11/18/2011** SeqNo: **1326562**

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	1.0									

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
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 Calculations are based on raw values

CLIENT: ATC Associates Inc.
Work Order: N006814

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D11118MB2	SampType: MBLK	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82196						
Client ID: PBW	Batch ID: D111VW169	TestNo: EPA 8260B		Analysis Date: 11/18/2011	SeqNo: 1326562						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

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									
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									
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									

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
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 Calculations are based on raw values



CLIENT: ATC Associates Inc.
Work Order: N006814

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D11118MB2	SampType: MBLK	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82196						
Client ID: PBW	Batch ID: D111WV169	TestNo: EPA 8260B		Analysis Date: 11/18/2011	SeqNo: 1326562						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual


Methylene chloride	ND	1.0									
MTBE	ND	0.50									
n-Butylbenzene	ND	0.50									
n-Propylbenzene	ND	0.50									
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	24.040		25.00		96.2	56		120			
Surr: 4-Bromofluorobenzene	22.470		25.00		89.9	80		120			
Surr: Dibromofluoromethane	25.800		25.00		103	72		120			
Surr: Toluene-d8	26.200		25.00		105	80		123			

Qualifiers:

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 ND Not Detected at the Reporting Limit
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 Calculations are based on raw values
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference



CHAIN OF CUSTODY RECORD



Advanced Technology Laboratories
 3151-3153 W. Post Rd.
 Las Vegas, NV 89118
 Tel: (702) 307-2659 • Fax: (702) 307-2691

FOR LABORATORY USE ONLY

Method of Transport: Client ATL ATL

Sample Condition Upon Receipt: 1. CHILLED 27°C Y N 4. SEALED N 2. HEADSPACE (VOA) Y N 5. # OF SPLS MATCH COC Y N 3. CONTAINER INTACT Y N 6. PRESERVED Y N

P.O. #: _____ Date: 11/11/11

Logged By: _____

Address: 2925 E. Patrick Lane #M
 City: Las Vegas State: NV Zip Code: 89120
 Tel: 702-798-5750 Fax: 702-798-5742

Project Name: Mau and Stone Slippin - Cont'd
 Project #: _____
 Sampler: _____ (Printed Name)
 Relinquished by: _____ (Signature and Printed Name) Date: 11/11/11 16:30 Time: 7:00
 Relinquished by: _____ (Signature and Printed Name) Date: _____ Time: _____

Client: ATC Associates
 Attention: Andrew Stuart
 Project Name: _____
 Project #: _____
 Relinquished by: _____ (Signature and Printed Name) Date: _____ Time: _____
 Relinquished by: _____ (Signature and Printed Name) Date: _____ Time: _____
 Relinquished by: _____ (Signature and Printed Name) Date: _____ Time: _____

Special Instructions/Comments: _____

Bill To: Accounts Payable
 Attn: Andrew Stuart
 Co: ATC
 Addr: 2925 E. Patrick Lane #M
 City: Las Vegas State: NV Zip: 89120

Circle or Add Analysis(es) Requested:
 8200 (Vials) 8205 (3TEX)(MTBE)(naphthalene) 8015M (TPH) 8015B (DRO) (Molar Oil/DRO) RCRA 7 (6010B/700D) VOC's 8260 Short List 8015 TPH/TEXTM/TB 8015 TPH

LAB USE ONLY: ITEM	Lab No.	Sample ID / Location	Sample Description	Date	Time	SPECIFY APPROPRIATE		CONTAINERS	TAT #	Type	REMARKS
						WATER	SOIL				
	N00681A-1	TRIP BANK		11/11/11	0600	X			E	3V	H
	-2	MW-33		11/11/11	0558	X					
	-3	MW-29		11/11/11	0916	X					
	-4	MW-28		11/11/11	0928	X					
	-5	MW-24		11/11/11	1036	X					
	-6	MW-30		11/11/11	11:19	X					
	-7	MW-31		11/11/11	11:52	X					
	-8	MW-31D		11/11/11	11:52	X					
	-9	Raise Acid		11/11/11	12:08	X					
	-10	MW-25		11/11/11	12:41	X					

QA/QC: RTNE CT SWRCB Logcode OTHER

Preservatives: H=HCl N=HNO₃ S=H₂SO₄ C=4°C Z=Zn(AC)₂ O=NaOH T=Na₂S₂O₃

Container Types: T=Tube V=VOA L=Liter P=Vial P=Plastic M=Metal

Emergency Next Workday B = Critical 2 Workdays D = Urgent 3 Workdays E = Routine 7 Workdays

I hereby authorize ATL to perform the work indicated below.
 Project Mgr / Submitter: _____
 Print Name: _____ Date: 11/11/11
 Signature: _____

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 / ATL workorder /mo (after 1 year)

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
 3151-3153 W. Post Rd.
 Las Vegas, NV 89118
 Tel: (702) 307-2659 • Fax: (702) 307-2691

FOR LABORATORY USE ONLY

Method of Transport
 Client ATL CA OverN FedEx Other: _____

Sample Condition Upon Receipt
 1. CHILLED 2.7C 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

P.O. #: _____ Date: 11/11/11

Logged By: _____

Client: ATC Associates
 Attention: Andrew Stuart
 City: Las Vegas State: NV Zip Code: 89120
 Address: 2925 E. Patrick Lane #M

Project #: _____
 Sampler: _____
 I attest to the veracity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Received by: Norman Ascano Date: 11/11/11 Time: 16:30
 Received by: _____ Date: _____ Time: _____
 Relinquished by: _____ Date: _____ Time: _____

Send Report To:
 Attn: Andrew Stuart
 Co: ATC
 Addr: 2925 E. Patrick Lane #M
 City: Las Vegas State: NV Zip: 89120

Bill To:
 Attn: Accounts Payable
 Co: ATC
 Addr: 2925 E. Patrick Lane #M
 City: Las Vegas State: NV Zip: 89120

Special Instructions/Comments:

I hereby authorize ATL to perform the work indicated below:
 Project Mgr./Submitter: Edgar Hernandez Date: _____
 Print Name: _____ Signature: _____
 Relinquished by: _____ Date: _____

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 or final report.

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

Circle or Add Analysis(es) Requested:
 8206B (Vialtes) 8206B (BTEX)(MTE)(Naphthalene)
 8016M (TPH) 8016B (DRO)(Mer)(O)(ORO)
 VOCs 8260 Short List
 TO3: TPH/BTEX/MTBE
 8016 (TPH)
 RCPA 7 (8010B/700)
 8016B (DRO)(Mer)(O)(ORO)
 8016 (TPH)
 8016 (TPH)

LAB USE ONLY: ITEM	Lab No.	Sample ID / Location	Sample Description	Date	Time	SPECIFY APPROPRIATE		PRESERVATION	REMARKS
						Container(s)	TAT # Type		
	NOX-14-11	MW-32		11/11/11	1327			3V H	
	-12	MW-26		11/11/11	1359				
	-13	MW-27		11/11/11	1450				
	-14	MW-23		11/11/11	1502				
	-15	MW-18		11/11/11	1532				
	-16	Field Blank		11/11/11	1534				

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=Jay B=Bedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO₃ S=H₂SO₄ C=4°C
 Z=Zn(AC)₂ O=NaOH T=Na₂S₂O₃

■ TAT starts 8AM the following day if samples received after 3 PM

Advanced Technology Laboratories, Inc.

Please review the checklist below. Any NO and/or NA signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Sample Receipt Checklist

Cooler Received/Opened On: 11/11/2011 Workorder: N006814
 Rep sample Temp (Deg C): 2.7 IR Gun ID: 2
 Temp Blank: Yes No
 Carrier name: ATL
 Last 4 digits of Tracking No.: NA Packing Material Used: Bubble Wrap
 Cooling process: Ice Ice Pack Dry Ice Other None

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed B MBC 

Reviewed By: ATB 11/11/11

November 18, 2011

Andrew Stuart
ATC Associates Inc.
2925 E. Patrick Lane
Las Vegas, NV 89120
TEL: (702) 798-5750
FAX: (702) 798-5742

CA-ELAP No.: 2676
NV Cert. No.: NV-009222007A

Workorder No.: N006812

RE: MARYLAND SQUARE SHOPPING CENTER

Attention: Andrew Stuart

Enclosed are the results for sample(s) received on November 11, 2011 by Advanced Technology Laboratories, Inc. . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

I hereby certify that all laboratory analysis requested were performed by Nevada Division of Environmental Protection-certified laboratory for the parameters and matrices reported herein.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Jose Tenorio Jr.
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories - Las Vegas.



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

CLIENT: ATC Associates Inc.
Project: MARYLAND SQUARE SHOPPING CENTER
Lab Order: N006812

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

Samples were received intact with proper chain of custody documentation.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Samples were analyzed within method holding time.

Analytical Comments for EPA 8260B:

For samples RINSE AID, FIELD BLANK, and TRIP BLANK, the methylene chloride detected in the samples are possibly due to laboratory contamination due to DI water provided to client. Methylene chloride is a solvent commonly used for semivolatile organic extraction. All samples were none detect (ND) for methylene chloride.



Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** TRIP BLANK
Lab Order: N006812 **Collection Date:** 11/9/2011 6:50:00 AM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006812-001

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111114A	QC Batch: D11VW167	PrepDate:	Analyst: QBM			
1,1,1,2-Tetrachloroethane	ND	0.061	0.50	µg/L	1	11/14/2011 02:43 PM
1,1,1-Trichloroethane	ND	0.068	0.50	µg/L	1	11/14/2011 02:43 PM
1,1,2,2-Tetrachloroethane	ND	0.054	0.50	µg/L	1	11/14/2011 02:43 PM
1,1,2-Trichloroethane	ND	0.083	0.50	µg/L	1	11/14/2011 02:43 PM
1,1-Dichloroethane	ND	0.099	0.50	µg/L	1	11/14/2011 02:43 PM
1,1-Dichloroethene	ND	0.094	0.50	µg/L	1	11/14/2011 02:43 PM
1,1-Dichloropropene	ND	0.082	0.50	µg/L	1	11/14/2011 02:43 PM
1,2,3-Trichlorobenzene	ND	0.10	0.50	µg/L	1	11/14/2011 02:43 PM
1,2,3-Trichloropropane	ND	0.12	0.50	µg/L	1	11/14/2011 02:43 PM
1,2,4-Trichlorobenzene	ND	0.12	0.50	µg/L	1	11/14/2011 02:43 PM
1,2,4-Trimethylbenzene	ND	0.095	0.50	µg/L	1	11/14/2011 02:43 PM
1,2-Dibromo-3-chloropropane	ND	0.15	1.0	µg/L	1	11/14/2011 02:43 PM
1,2-Dibromoethane	ND	0.14	0.50	µg/L	1	11/14/2011 02:43 PM
1,2-Dichlorobenzene	2.3	0.070	0.50	µg/L	1	11/14/2011 02:43 PM
1,2-Dichloroethane	ND	0.17	0.50	µg/L	1	11/14/2011 02:43 PM
1,2-Dichloropropane	ND	0.085	0.50	µg/L	1	11/14/2011 02:43 PM
1,3,5-Trimethylbenzene	ND	0.087	0.50	µg/L	1	11/14/2011 02:43 PM
1,3-Dichlorobenzene	ND	0.090	0.50	µg/L	1	11/14/2011 02:43 PM
1,3-Dichloropropane	ND	0.074	0.50	µg/L	1	11/14/2011 02:43 PM
1,4-Dichlorobenzene	1.8	0.092	0.50	µg/L	1	11/14/2011 02:43 PM
2,2-Dichloropropane	ND	0.061	0.50	µg/L	1	11/14/2011 02:43 PM
2-Chlorotoluene	ND	0.080	0.50	µg/L	1	11/14/2011 02:43 PM
4-Chlorotoluene	ND	0.10	0.50	µg/L	1	11/14/2011 02:43 PM
4-Isopropyltoluene	ND	0.080	0.50	µg/L	1	11/14/2011 02:43 PM
Benzene	0.91	0.075	0.50	µg/L	1	11/14/2011 02:43 PM
Bromobenzene	ND	0.082	0.50	µg/L	1	11/14/2011 02:43 PM
Bromodichloromethane	ND	0.063	0.50	µg/L	1	11/14/2011 02:43 PM
Bromoform	ND	0.086	0.50	µg/L	1	11/14/2011 02:43 PM
Bromomethane	ND	0.13	0.50	µg/L	1	11/14/2011 02:43 PM
Carbon tetrachloride	ND	0.10	0.50	µg/L	1	11/14/2011 02:43 PM
Chlorobenzene	9.5	0.092	0.50	µg/L	1	11/14/2011 02:43 PM
Chloroethane	ND	0.14	0.50	µg/L	1	11/14/2011 02:43 PM
Chloroform	ND	0.058	0.50	µg/L	1	11/14/2011 02:43 PM
Chloromethane	ND	0.054	0.50	µg/L	1	11/14/2011 02:43 PM
cis-1,2-Dichloroethene	ND	0.11	0.50	µg/L	1	11/14/2011 02:43 PM
Dibromochloromethane	ND	0.061	0.50	µg/L	1	11/14/2011 02:43 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



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** TRIP BLANK
Lab Order: N006812 **Collection Date:** 11/9/2011 6:50:00 AM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006812-001

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111114A	QC Batch: D11VW167	PrepDate:	Analyst: QBM
Dibromomethane	ND 0.15 0.50	µg/L	1 11/14/2011 02:43 PM
Dichlorodifluoromethane	ND 0.12 0.50	µg/L	1 11/14/2011 02:43 PM
Ethylbenzene	ND 0.051 0.50	µg/L	1 11/14/2011 02:43 PM
Hexachlorobutadiene	ND 0.17 0.50	µg/L	1 11/14/2011 02:43 PM
Isopropylbenzene	ND 0.057 0.50	µg/L	1 11/14/2011 02:43 PM
m,p-Xylene	ND 0.17 1.0	µg/L	1 11/14/2011 02:43 PM
Methylene chloride	ND 0.10 1.0	µg/L	1 11/14/2011 02:43 PM
MTBE	ND 0.089 0.50	µg/L	1 11/14/2011 02:43 PM
n-Butylbenzene	ND 0.082 0.50	µg/L	1 11/14/2011 02:43 PM
n-Propylbenzene	ND 0.087 0.50	µg/L	1 11/14/2011 02:43 PM
Naphthalene	ND 0.056 0.50	µg/L	1 11/14/2011 02:43 PM
o-Xylene	ND 0.077 0.50	µg/L	1 11/14/2011 02:43 PM
sec-Butylbenzene	ND 0.098 0.50	µg/L	1 11/14/2011 02:43 PM
Styrene	ND 0.072 0.50	µg/L	1 11/14/2011 02:43 PM
tert-Butylbenzene	ND 0.062 0.50	µg/L	1 11/14/2011 02:43 PM
Tetrachloroethene	ND 0.13 0.50	µg/L	1 11/14/2011 02:43 PM
Toluene	ND 0.12 0.50	µg/L	1 11/14/2011 02:43 PM
trans-1,2-Dichloroethene	ND 0.094 0.50	µg/L	1 11/14/2011 02:43 PM
Trichloroethene	ND 0.060 0.50	µg/L	1 11/14/2011 02:43 PM
Trichlorofluoromethane	ND 0.097 0.50	µg/L	1 11/14/2011 02:43 PM
Vinyl chloride	ND 0.12 0.50	µg/L	1 11/14/2011 02:43 PM
Surr: 1,2-Dichloroethane-d4	95.4 0 56-120	%REC	1 11/14/2011 02:43 PM
Surr: 4-Bromofluorobenzene	104 0 80-120	%REC	1 11/14/2011 02:43 PM
Surr: Dibromofluoromethane	109 0 72-120	%REC	1 11/14/2011 02:43 PM
Surr: Toluene-d8	118 0 80-123	%REC	1 11/14/2011 02:43 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



Advanced Technology Laboratories, Inc.

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.
Lab Order: N006812
Project: MARYLAND SQUARE SHOPPING CENTER
Lab ID: N006812-002

Client Sample ID: MW-10
Collection Date: 11/9/2011 11:28:00 AM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111114A	QC Batch: D11VW167	PrepDate:	Analyst: QBM			
1,1,1,2-Tetrachloroethane	ND	0.061	0.50	µg/L	1	11/14/2011 03:53 PM
1,1,1-Trichloroethane	ND	0.068	0.50	µg/L	1	11/14/2011 03:53 PM
1,1,2,2-Tetrachloroethane	ND	0.054	0.50	µg/L	1	11/14/2011 03:53 PM
1,1,2-Trichloroethane	ND	0.083	0.50	µg/L	1	11/14/2011 03:53 PM
1,1-Dichloroethane	ND	0.099	0.50	µg/L	1	11/14/2011 03:53 PM
1,1-Dichloroethene	ND	0.094	0.50	µg/L	1	11/14/2011 03:53 PM
1,1-Dichloropropene	ND	0.082	0.50	µg/L	1	11/14/2011 03:53 PM
1,2,3-Trichlorobenzene	ND	0.10	0.50	µg/L	1	11/14/2011 03:53 PM
1,2,3-Trichloropropane	ND	0.12	0.50	µg/L	1	11/14/2011 03:53 PM
1,2,4-Trichlorobenzene	ND	0.12	0.50	µg/L	1	11/14/2011 03:53 PM
1,2,4-Trimethylbenzene	ND	0.095	0.50	µg/L	1	11/14/2011 03:53 PM
1,2-Dibromo-3-chloropropane	ND	0.15	1.0	µg/L	1	11/14/2011 03:53 PM
1,2-Dibromoethane	ND	0.14	0.50	µg/L	1	11/14/2011 03:53 PM
1,2-Dichlorobenzene	ND	0.070	0.50	µg/L	1	11/14/2011 03:53 PM
1,2-Dichloroethane	ND	0.17	0.50	µg/L	1	11/14/2011 03:53 PM
1,2-Dichloropropane	ND	0.085	0.50	µg/L	1	11/14/2011 03:53 PM
1,3,5-Trimethylbenzene	ND	0.087	0.50	µg/L	1	11/14/2011 03:53 PM
1,3-Dichlorobenzene	ND	0.090	0.50	µg/L	1	11/14/2011 03:53 PM
1,3-Dichloropropane	ND	0.074	0.50	µg/L	1	11/14/2011 03:53 PM
1,4-Dichlorobenzene	ND	0.092	0.50	µg/L	1	11/14/2011 03:53 PM
2,2-Dichloropropane	ND	0.061	0.50	µg/L	1	11/14/2011 03:53 PM
2-Chlorotoluene	ND	0.080	0.50	µg/L	1	11/14/2011 03:53 PM
4-Chlorotoluene	ND	0.10	0.50	µg/L	1	11/14/2011 03:53 PM
4-Isopropyltoluene	ND	0.080	0.50	µg/L	1	11/14/2011 03:53 PM
Benzene	ND	0.075	0.50	µg/L	1	11/14/2011 03:53 PM
Bromobenzene	ND	0.082	0.50	µg/L	1	11/14/2011 03:53 PM
Bromodichloromethane	ND	0.063	0.50	µg/L	1	11/14/2011 03:53 PM
Bromoform	ND	0.086	0.50	µg/L	1	11/14/2011 03:53 PM
Bromomethane	ND	0.13	0.50	µg/L	1	11/14/2011 03:53 PM
Carbon tetrachloride	ND	0.10	0.50	µg/L	1	11/14/2011 03:53 PM
Chlorobenzene	ND	0.092	0.50	µg/L	1	11/14/2011 03:53 PM
Chloroethane	ND	0.14	0.50	µg/L	1	11/14/2011 03:53 PM
Chloroform	ND	0.058	0.50	µg/L	1	11/14/2011 03:53 PM
Chloromethane	ND	0.054	0.50	µg/L	1	11/14/2011 03:53 PM
cis-1,2-Dichloroethene	ND	0.11	0.50	µg/L	1	11/14/2011 03:53 PM
Dibromochloromethane	ND	0.061	0.50	µg/L	1	11/14/2011 03:53 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



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** MW-10
Lab Order: N006812 **Collection Date:** 11/9/2011 11:28:00 AM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006812-002

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111114A	QC Batch: D11VW167	PrepDate:	Analyst: QBM
Dibromomethane	ND 0.15	0.50	µg/L 1 11/14/2011 03:53 PM
Dichlorodifluoromethane	ND 0.12	0.50	µg/L 1 11/14/2011 03:53 PM
Ethylbenzene	ND 0.051	0.50	µg/L 1 11/14/2011 03:53 PM
Hexachlorobutadiene	ND 0.17	0.50	µg/L 1 11/14/2011 03:53 PM
Isopropylbenzene	ND 0.057	0.50	µg/L 1 11/14/2011 03:53 PM
m,p-Xylene	ND 0.17	1.0	µg/L 1 11/14/2011 03:53 PM
Methylene chloride	ND 0.10	1.0	µg/L 1 11/14/2011 03:53 PM
MTBE	ND 0.089	0.50	µg/L 1 11/14/2011 03:53 PM
n-Butylbenzene	ND 0.082	0.50	µg/L 1 11/14/2011 03:53 PM
n-Propylbenzene	ND 0.087	0.50	µg/L 1 11/14/2011 03:53 PM
Naphthalene	ND 0.056	0.50	µg/L 1 11/14/2011 03:53 PM
o-Xylene	ND 0.077	0.50	µg/L 1 11/14/2011 03:53 PM
sec-Butylbenzene	ND 0.098	0.50	µg/L 1 11/14/2011 03:53 PM
Styrene	ND 0.072	0.50	µg/L 1 11/14/2011 03:53 PM
tert-Butylbenzene	ND 0.062	0.50	µg/L 1 11/14/2011 03:53 PM
Tetrachloroethene	ND 0.13	0.50	µg/L 1 11/14/2011 03:53 PM
Toluene	ND 0.12	0.50	µg/L 1 11/14/2011 03:53 PM
trans-1,2-Dichloroethene	ND 0.094	0.50	µg/L 1 11/14/2011 03:53 PM
Trichloroethene	ND 0.060	0.50	µg/L 1 11/14/2011 03:53 PM
Trichlorofluoromethane	ND 0.097	0.50	µg/L 1 11/14/2011 03:53 PM
Vinyl chloride	ND 0.12	0.50	µg/L 1 11/14/2011 03:53 PM
Surr: 1,2-Dichloroethane-d4	92.0 0	56-120	%REC 1 11/14/2011 03:53 PM
Surr: 4-Bromofluorobenzene	100 0	80-120	%REC 1 11/14/2011 03:53 PM
Surr: Dibromofluoromethane	109 0	72-120	%REC 1 11/14/2011 03:53 PM
Surr: Toluene-d8	115 0	80-123	%REC 1 11/14/2011 03:53 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



Advanced Technology Laboratories, Inc.

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.
Lab Order: N006812
Project: MARYLAND SQUARE SHOPPING CENTER
Lab ID: N006812-003

Client Sample ID: MW-16
Collection Date: 11/9/2011 12:24:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111114A	QC Batch: D11VW167	PrepDate:	Analyst: QBM			
1,1,1,2-Tetrachloroethane	ND	0.061	0.50	µg/L	1	11/14/2011 04:19 PM
1,1,1-Trichloroethane	ND	0.068	0.50	µg/L	1	11/14/2011 04:19 PM
1,1,2,2-Tetrachloroethane	ND	0.054	0.50	µg/L	1	11/14/2011 04:19 PM
1,1,2-Trichloroethane	ND	0.083	0.50	µg/L	1	11/14/2011 04:19 PM
1,1-Dichloroethane	ND	0.099	0.50	µg/L	1	11/14/2011 04:19 PM
1,1-Dichloroethene	ND	0.094	0.50	µg/L	1	11/14/2011 04:19 PM
1,1-Dichloropropene	ND	0.082	0.50	µg/L	1	11/14/2011 04:19 PM
1,2,3-Trichlorobenzene	ND	0.10	0.50	µg/L	1	11/14/2011 04:19 PM
1,2,3-Trichloropropane	ND	0.12	0.50	µg/L	1	11/14/2011 04:19 PM
1,2,4-Trichlorobenzene	ND	0.12	0.50	µg/L	1	11/14/2011 04:19 PM
1,2,4-Trimethylbenzene	ND	0.095	0.50	µg/L	1	11/14/2011 04:19 PM
1,2-Dibromo-3-chloropropane	ND	0.15	1.0	µg/L	1	11/14/2011 04:19 PM
1,2-Dibromoethane	ND	0.14	0.50	µg/L	1	11/14/2011 04:19 PM
1,2-Dichlorobenzene	ND	0.070	0.50	µg/L	1	11/14/2011 04:19 PM
1,2-Dichloroethane	ND	0.17	0.50	µg/L	1	11/14/2011 04:19 PM
1,2-Dichloropropane	ND	0.085	0.50	µg/L	1	11/14/2011 04:19 PM
1,3,5-Trimethylbenzene	ND	0.087	0.50	µg/L	1	11/14/2011 04:19 PM
1,3-Dichlorobenzene	ND	0.090	0.50	µg/L	1	11/14/2011 04:19 PM
1,3-Dichloropropane	ND	0.074	0.50	µg/L	1	11/14/2011 04:19 PM
1,4-Dichlorobenzene	ND	0.092	0.50	µg/L	1	11/14/2011 04:19 PM
2,2-Dichloropropane	ND	0.061	0.50	µg/L	1	11/14/2011 04:19 PM
2-Chlorotoluene	ND	0.080	0.50	µg/L	1	11/14/2011 04:19 PM
4-Chlorotoluene	ND	0.10	0.50	µg/L	1	11/14/2011 04:19 PM
4-Isopropyltoluene	ND	0.080	0.50	µg/L	1	11/14/2011 04:19 PM
Benzene	ND	0.075	0.50	µg/L	1	11/14/2011 04:19 PM
Bromobenzene	ND	0.082	0.50	µg/L	1	11/14/2011 04:19 PM
Bromodichloromethane	ND	0.063	0.50	µg/L	1	11/14/2011 04:19 PM
Bromoform	ND	0.086	0.50	µg/L	1	11/14/2011 04:19 PM
Bromomethane	ND	0.13	0.50	µg/L	1	11/14/2011 04:19 PM
Carbon tetrachloride	ND	0.10	0.50	µg/L	1	11/14/2011 04:19 PM
Chlorobenzene	ND	0.092	0.50	µg/L	1	11/14/2011 04:19 PM
Chloroethane	ND	0.14	0.50	µg/L	1	11/14/2011 04:19 PM
Chloroform	ND	0.058	0.50	µg/L	1	11/14/2011 04:19 PM
Chloromethane	ND	0.054	0.50	µg/L	1	11/14/2011 04:19 PM
cis-1,2-Dichloroethene	ND	0.11	0.50	µg/L	1	11/14/2011 04:19 PM
Dibromochloromethane	ND	0.061	0.50	µg/L	1	11/14/2011 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 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



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** MW-16
Lab Order: N006812 **Collection Date:** 11/9/2011 12:24:00 PM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006812-003

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111114A	QC Batch: D11VW167	PrepDate:	Analyst: QBM
Dibromomethane	ND 0.15	0.50	µg/L 1 11/14/2011 04:19 PM
Dichlorodifluoromethane	ND 0.12	0.50	µg/L 1 11/14/2011 04:19 PM
Ethylbenzene	ND 0.051	0.50	µg/L 1 11/14/2011 04:19 PM
Hexachlorobutadiene	ND 0.17	0.50	µg/L 1 11/14/2011 04:19 PM
Isopropylbenzene	ND 0.057	0.50	µg/L 1 11/14/2011 04:19 PM
m,p-Xylene	ND 0.17	1.0	µg/L 1 11/14/2011 04:19 PM
Methylene chloride	ND 0.10	1.0	µg/L 1 11/14/2011 04:19 PM
MTBE	ND 0.089	0.50	µg/L 1 11/14/2011 04:19 PM
n-Butylbenzene	ND 0.082	0.50	µg/L 1 11/14/2011 04:19 PM
n-Propylbenzene	ND 0.087	0.50	µg/L 1 11/14/2011 04:19 PM
Naphthalene	ND 0.056	0.50	µg/L 1 11/14/2011 04:19 PM
o-Xylene	ND 0.077	0.50	µg/L 1 11/14/2011 04:19 PM
sec-Butylbenzene	ND 0.098	0.50	µg/L 1 11/14/2011 04:19 PM
Styrene	ND 0.072	0.50	µg/L 1 11/14/2011 04:19 PM
tert-Butylbenzene	ND 0.062	0.50	µg/L 1 11/14/2011 04:19 PM
Tetrachloroethene	ND 0.13	0.50	µg/L 1 11/14/2011 04:19 PM
Toluene	ND 0.12	0.50	µg/L 1 11/14/2011 04:19 PM
trans-1,2-Dichloroethene	ND 0.094	0.50	µg/L 1 11/14/2011 04:19 PM
Trichloroethene	ND 0.060	0.50	µg/L 1 11/14/2011 04:19 PM
Trichlorofluoromethane	ND 0.097	0.50	µg/L 1 11/14/2011 04:19 PM
Vinyl chloride	ND 0.12	0.50	µg/L 1 11/14/2011 04:19 PM
Surr: 1,2-Dichloroethane-d4	95.5 0	56-120	%REC 1 11/14/2011 04:19 PM
Surr: 4-Bromofluorobenzene	96.4 0	80-120	%REC 1 11/14/2011 04:19 PM
Surr: Dibromofluoromethane	116 0	72-120	%REC 1 11/14/2011 04:19 PM
Surr: Toluene-d8	110 0	80-123	%REC 1 11/14/2011 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 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



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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** MW15
Lab Order: N006812 **Collection Date:** 11/9/2011 1:13:00 PM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006812-004

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111114A	QC Batch: D11VW167	PrepDate:	Analyst: QBM			
1,1,1,2-Tetrachloroethane	ND	0.061	0.50	µg/L	1	11/14/2011 04:42 PM
1,1,1-Trichloroethane	ND	0.068	0.50	µg/L	1	11/14/2011 04:42 PM
1,1,2,2-Tetrachloroethane	ND	0.054	0.50	µg/L	1	11/14/2011 04:42 PM
1,1,2-Trichloroethane	ND	0.083	0.50	µg/L	1	11/14/2011 04:42 PM
1,1-Dichloroethane	ND	0.099	0.50	µg/L	1	11/14/2011 04:42 PM
1,1-Dichloroethene	ND	0.094	0.50	µg/L	1	11/14/2011 04:42 PM
1,1-Dichloropropene	ND	0.082	0.50	µg/L	1	11/14/2011 04:42 PM
1,2,3-Trichlorobenzene	ND	0.10	0.50	µg/L	1	11/14/2011 04:42 PM
1,2,3-Trichloropropane	ND	0.12	0.50	µg/L	1	11/14/2011 04:42 PM
1,2,4-Trichlorobenzene	ND	0.12	0.50	µg/L	1	11/14/2011 04:42 PM
1,2,4-Trimethylbenzene	ND	0.095	0.50	µg/L	1	11/14/2011 04:42 PM
1,2-Dibromo-3-chloropropane	ND	0.15	1.0	µg/L	1	11/14/2011 04:42 PM
1,2-Dibromoethane	ND	0.14	0.50	µg/L	1	11/14/2011 04:42 PM
1,2-Dichlorobenzene	ND	0.070	0.50	µg/L	1	11/14/2011 04:42 PM
1,2-Dichloroethane	ND	0.17	0.50	µg/L	1	11/14/2011 04:42 PM
1,2-Dichloropropane	ND	0.085	0.50	µg/L	1	11/14/2011 04:42 PM
1,3,5-Trimethylbenzene	ND	0.087	0.50	µg/L	1	11/14/2011 04:42 PM
1,3-Dichlorobenzene	ND	0.090	0.50	µg/L	1	11/14/2011 04:42 PM
1,3-Dichloropropane	ND	0.074	0.50	µg/L	1	11/14/2011 04:42 PM
1,4-Dichlorobenzene	ND	0.092	0.50	µg/L	1	11/14/2011 04:42 PM
2,2-Dichloropropane	ND	0.061	0.50	µg/L	1	11/14/2011 04:42 PM
2-Chlorotoluene	ND	0.080	0.50	µg/L	1	11/14/2011 04:42 PM
4-Chlorotoluene	ND	0.10	0.50	µg/L	1	11/14/2011 04:42 PM
4-Isopropyltoluene	ND	0.080	0.50	µg/L	1	11/14/2011 04:42 PM
Benzene	ND	0.075	0.50	µg/L	1	11/14/2011 04:42 PM
Bromobenzene	ND	0.082	0.50	µg/L	1	11/14/2011 04:42 PM
Bromodichloromethane	ND	0.063	0.50	µg/L	1	11/14/2011 04:42 PM
Bromoform	ND	0.086	0.50	µg/L	1	11/14/2011 04:42 PM
Bromomethane	ND	0.13	0.50	µg/L	1	11/14/2011 04:42 PM
Carbon tetrachloride	ND	0.10	0.50	µg/L	1	11/14/2011 04:42 PM
Chlorobenzene	ND	0.092	0.50	µg/L	1	11/14/2011 04:42 PM
Chloroethane	ND	0.14	0.50	µg/L	1	11/14/2011 04:42 PM
Chloroform	3.1	0.058	0.50	µg/L	1	11/14/2011 04:42 PM
Chloromethane	ND	0.054	0.50	µg/L	1	11/14/2011 04:42 PM
cis-1,2-Dichloroethene	ND	0.11	0.50	µg/L	1	11/14/2011 04:42 PM
Dibromochloromethane	ND	0.061	0.50	µg/L	1	11/14/2011 04:42 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



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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.	Client Sample ID: MW15
Lab Order: N006812	Collection Date: 11/9/2011 1:13:00 PM
Project: MARYLAND SQUARE SHOPPING CENTER	Matrix: WATER
Lab ID: N006812-004	

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111114A	QC Batch: D11VW167	PrepDate:	Analyst: QBM
Dibromomethane	ND 0.15	0.50	µg/L 1 11/14/2011 04:42 PM
Dichlorodifluoromethane	ND 0.12	0.50	µg/L 1 11/14/2011 04:42 PM
Ethylbenzene	ND 0.051	0.50	µg/L 1 11/14/2011 04:42 PM
Hexachlorobutadiene	ND 0.17	0.50	µg/L 1 11/14/2011 04:42 PM
Isopropylbenzene	ND 0.057	0.50	µg/L 1 11/14/2011 04:42 PM
m,p-Xylene	ND 0.17	1.0	µg/L 1 11/14/2011 04:42 PM
Methylene chloride	ND 0.10	1.0	µg/L 1 11/14/2011 04:42 PM
MTBE	ND 0.089	0.50	µg/L 1 11/14/2011 04:42 PM
n-Butylbenzene	ND 0.082	0.50	µg/L 1 11/14/2011 04:42 PM
n-Propylbenzene	ND 0.087	0.50	µg/L 1 11/14/2011 04:42 PM
Naphthalene	ND 0.056	0.50	µg/L 1 11/14/2011 04:42 PM
o-Xylene	ND 0.077	0.50	µg/L 1 11/14/2011 04:42 PM
sec-Butylbenzene	ND 0.098	0.50	µg/L 1 11/14/2011 04:42 PM
Styrene	ND 0.072	0.50	µg/L 1 11/14/2011 04:42 PM
tert-Butylbenzene	ND 0.062	0.50	µg/L 1 11/14/2011 04:42 PM
Tetrachloroethene	3.5 0.13	0.50	µg/L 1 11/14/2011 04:42 PM
Toluene	ND 0.12	0.50	µg/L 1 11/14/2011 04:42 PM
trans-1,2-Dichloroethene	ND 0.094	0.50	µg/L 1 11/14/2011 04:42 PM
Trichloroethene	ND 0.060	0.50	µg/L 1 11/14/2011 04:42 PM
Trichlorofluoromethane	ND 0.097	0.50	µg/L 1 11/14/2011 04:42 PM
Vinyl chloride	ND 0.12	0.50	µg/L 1 11/14/2011 04:42 PM
Surr: 1,2-Dichloroethane-d4	92.8 0	56-120	%REC 1 11/14/2011 04:42 PM
Surr: 4-Bromofluorobenzene	94.2 0	80-120	%REC 1 11/14/2011 04:42 PM
Surr: Dibromofluoromethane	109 0	72-120	%REC 1 11/14/2011 04:42 PM
Surr: Toluene-d8	109 0	80-123	%REC 1 11/14/2011 04:42 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	



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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.
Lab Order: N006812
Project: MARYLAND SQUARE SHOPPING CENTER
Lab ID: N006812-005

Client Sample ID: MW3
Collection Date: 11/9/2011 1:57:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111114A	QC Batch: D11VW167	PrepDate:	Analyst: QBM
1,1,1,2-Tetrachloroethane	ND 0.061	0.50	µg/L 1 11/14/2011 05:07 PM
1,1,1-Trichloroethane	ND 0.068	0.50	µg/L 1 11/14/2011 05:07 PM
1,1,2,2-Tetrachloroethane	ND 0.054	0.50	µg/L 1 11/14/2011 05:07 PM
1,1,2-Trichloroethane	ND 0.083	0.50	µg/L 1 11/14/2011 05:07 PM
1,1-Dichloroethane	ND 0.099	0.50	µg/L 1 11/14/2011 05:07 PM
1,1-Dichloroethene	ND 0.094	0.50	µg/L 1 11/14/2011 05:07 PM
1,1-Dichloropropene	ND 0.082	0.50	µg/L 1 11/14/2011 05:07 PM
1,2,3-Trichlorobenzene	ND 0.10	0.50	µg/L 1 11/14/2011 05:07 PM
1,2,3-Trichloropropane	ND 0.12	0.50	µg/L 1 11/14/2011 05:07 PM
1,2,4-Trichlorobenzene	ND 0.12	0.50	µg/L 1 11/14/2011 05:07 PM
1,2,4-Trimethylbenzene	ND 0.095	0.50	µg/L 1 11/14/2011 05:07 PM
1,2-Dibromo-3-chloropropane	ND 0.15	1.0	µg/L 1 11/14/2011 05:07 PM
1,2-Dibromoethane	ND 0.14	0.50	µg/L 1 11/14/2011 05:07 PM
1,2-Dichlorobenzene	ND 0.070	0.50	µg/L 1 11/14/2011 05:07 PM
1,2-Dichloroethane	ND 0.17	0.50	µg/L 1 11/14/2011 05:07 PM
1,2-Dichloropropane	ND 0.085	0.50	µg/L 1 11/14/2011 05:07 PM
1,3,5-Trimethylbenzene	ND 0.087	0.50	µg/L 1 11/14/2011 05:07 PM
1,3-Dichlorobenzene	ND 0.090	0.50	µg/L 1 11/14/2011 05:07 PM
1,3-Dichloropropane	ND 0.074	0.50	µg/L 1 11/14/2011 05:07 PM
1,4-Dichlorobenzene	ND 0.092	0.50	µg/L 1 11/14/2011 05:07 PM
2,2-Dichloropropane	ND 0.061	0.50	µg/L 1 11/14/2011 05:07 PM
2-Chlorotoluene	ND 0.080	0.50	µg/L 1 11/14/2011 05:07 PM
4-Chlorotoluene	ND 0.10	0.50	µg/L 1 11/14/2011 05:07 PM
4-Isopropyltoluene	ND 0.080	0.50	µg/L 1 11/14/2011 05:07 PM
Benzene	ND 0.075	0.50	µg/L 1 11/14/2011 05:07 PM
Bromobenzene	ND 0.082	0.50	µg/L 1 11/14/2011 05:07 PM
Bromodichloromethane	ND 0.063	0.50	µg/L 1 11/14/2011 05:07 PM
Bromoform	ND 0.086	0.50	µg/L 1 11/14/2011 05:07 PM
Bromomethane	ND 0.13	0.50	µg/L 1 11/14/2011 05:07 PM
Carbon tetrachloride	ND 0.10	0.50	µg/L 1 11/14/2011 05:07 PM
Chlorobenzene	ND 0.092	0.50	µg/L 1 11/14/2011 05:07 PM
Chloroethane	ND 0.14	0.50	µg/L 1 11/14/2011 05:07 PM
Chloroform	1.7 0.058	0.50	µg/L 1 11/14/2011 05:07 PM
Chloromethane	ND 0.054	0.50	µg/L 1 11/14/2011 05:07 PM
cis-1,2-Dichloroethene	ND 0.11	0.50	µg/L 1 11/14/2011 05:07 PM
Dibromochloromethane	ND 0.061	0.50	µg/L 1 11/14/2011 05:07 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



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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** MW3
Lab Order: N006812 **Collection Date:** 11/9/2011 1:57:00 PM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006812-005

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111114A	QC Batch: D11VW167	PrepDate:	Analyst: QBM
Dibromomethane	ND 0.15	0.50	µg/L 1 11/14/2011 05:07 PM
Dichlorodifluoromethane	ND 0.12	0.50	µg/L 1 11/14/2011 05:07 PM
Ethylbenzene	ND 0.051	0.50	µg/L 1 11/14/2011 05:07 PM
Hexachlorobutadiene	ND 0.17	0.50	µg/L 1 11/14/2011 05:07 PM
Isopropylbenzene	ND 0.057	0.50	µg/L 1 11/14/2011 05:07 PM
m,p-Xylene	ND 0.17	1.0	µg/L 1 11/14/2011 05:07 PM
Methylene chloride	ND 0.10	1.0	µg/L 1 11/14/2011 05:07 PM
MTBE	ND 0.089	0.50	µg/L 1 11/14/2011 05:07 PM
n-Butylbenzene	ND 0.082	0.50	µg/L 1 11/14/2011 05:07 PM
n-Propylbenzene	ND 0.087	0.50	µg/L 1 11/14/2011 05:07 PM
Naphthalene	ND 0.056	0.50	µg/L 1 11/14/2011 05:07 PM
o-Xylene	ND 0.077	0.50	µg/L 1 11/14/2011 05:07 PM
sec-Butylbenzene	ND 0.098	0.50	µg/L 1 11/14/2011 05:07 PM
Styrene	ND 0.072	0.50	µg/L 1 11/14/2011 05:07 PM
tert-Butylbenzene	ND 0.062	0.50	µg/L 1 11/14/2011 05:07 PM
Tetrachloroethene	16 0.13	0.50	µg/L 1 11/14/2011 05:07 PM
Toluene	ND 0.12	0.50	µg/L 1 11/14/2011 05:07 PM
trans-1,2-Dichloroethene	ND 0.094	0.50	µg/L 1 11/14/2011 05:07 PM
Trichloroethene	ND 0.060	0.50	µg/L 1 11/14/2011 05:07 PM
Trichlorofluoromethane	ND 0.097	0.50	µg/L 1 11/14/2011 05:07 PM
Vinyl chloride	ND 0.12	0.50	µg/L 1 11/14/2011 05:07 PM
Surr: 1,2-Dichloroethane-d4	94.9 0	56-120	%REC 1 11/14/2011 05:07 PM
Surr: 4-Bromofluorobenzene	92.6 0	80-120	%REC 1 11/14/2011 05:07 PM
Surr: Dibromofluoromethane	112 0	72-120	%REC 1 11/14/2011 05:07 PM
Surr: Toluene-d8	107 0	80-123	%REC 1 11/14/2011 05:07 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



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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** MW21
Lab Order: N006812 **Collection Date:** 11/9/2011 3:05:00 PM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006812-006

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111114A	QC Batch: D11VW167	PrepDate:	Analyst: QBM
1,1,1,2-Tetrachloroethane	ND 0.061	0.50	µg/L 1 11/14/2011 05:30 PM
1,1,1-Trichloroethane	ND 0.068	0.50	µg/L 1 11/14/2011 05:30 PM
1,1,2,2-Tetrachloroethane	ND 0.054	0.50	µg/L 1 11/14/2011 05:30 PM
1,1,2-Trichloroethane	ND 0.083	0.50	µg/L 1 11/14/2011 05:30 PM
1,1-Dichloroethane	ND 0.099	0.50	µg/L 1 11/14/2011 05:30 PM
1,1-Dichloroethene	ND 0.094	0.50	µg/L 1 11/14/2011 05:30 PM
1,1-Dichloropropene	ND 0.082	0.50	µg/L 1 11/14/2011 05:30 PM
1,2,3-Trichlorobenzene	ND 0.10	0.50	µg/L 1 11/14/2011 05:30 PM
1,2,3-Trichloropropane	ND 0.12	0.50	µg/L 1 11/14/2011 05:30 PM
1,2,4-Trichlorobenzene	ND 0.12	0.50	µg/L 1 11/14/2011 05:30 PM
1,2,4-Trimethylbenzene	ND 0.095	0.50	µg/L 1 11/14/2011 05:30 PM
1,2-Dibromo-3-chloropropane	ND 0.15	1.0	µg/L 1 11/14/2011 05:30 PM
1,2-Dibromoethane	ND 0.14	0.50	µg/L 1 11/14/2011 05:30 PM
1,2-Dichlorobenzene	ND 0.070	0.50	µg/L 1 11/14/2011 05:30 PM
1,2-Dichloroethane	ND 0.17	0.50	µg/L 1 11/14/2011 05:30 PM
1,2-Dichloropropane	ND 0.085	0.50	µg/L 1 11/14/2011 05:30 PM
1,3,5-Trimethylbenzene	ND 0.087	0.50	µg/L 1 11/14/2011 05:30 PM
1,3-Dichlorobenzene	ND 0.090	0.50	µg/L 1 11/14/2011 05:30 PM
1,3-Dichloropropane	ND 0.074	0.50	µg/L 1 11/14/2011 05:30 PM
1,4-Dichlorobenzene	ND 0.092	0.50	µg/L 1 11/14/2011 05:30 PM
2,2-Dichloropropane	ND 0.061	0.50	µg/L 1 11/14/2011 05:30 PM
2-Chlorotoluene	ND 0.080	0.50	µg/L 1 11/14/2011 05:30 PM
4-Chlorotoluene	ND 0.10	0.50	µg/L 1 11/14/2011 05:30 PM
4-Isopropyltoluene	ND 0.080	0.50	µg/L 1 11/14/2011 05:30 PM
Benzene	ND 0.075	0.50	µg/L 1 11/14/2011 05:30 PM
Bromobenzene	ND 0.082	0.50	µg/L 1 11/14/2011 05:30 PM
Bromodichloromethane	ND 0.063	0.50	µg/L 1 11/14/2011 05:30 PM
Bromoform	ND 0.086	0.50	µg/L 1 11/14/2011 05:30 PM
Bromomethane	ND 0.13	0.50	µg/L 1 11/14/2011 05:30 PM
Carbon tetrachloride	ND 0.10	0.50	µg/L 1 11/14/2011 05:30 PM
Chlorobenzene	ND 0.092	0.50	µg/L 1 11/14/2011 05:30 PM
Chloroethane	ND 0.14	0.50	µg/L 1 11/14/2011 05:30 PM
Chloroform	ND 0.058	0.50	µg/L 1 11/14/2011 05:30 PM
Chloromethane	ND 0.054	0.50	µg/L 1 11/14/2011 05:30 PM
cis-1,2-Dichloroethene	ND 0.11	0.50	µg/L 1 11/14/2011 05:30 PM
Dibromochloromethane	ND 0.061	0.50	µg/L 1 11/14/2011 05:30 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



Advanced Technology Laboratories, Inc.

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.	Client Sample ID: MW21
Lab Order: N006812	Collection Date: 11/9/2011 3:05:00 PM
Project: MARYLAND SQUARE SHOPPING CENTER	Matrix: WATER
Lab ID: N006812-006	

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111114A	QC Batch: D11VW167	PrepDate:	Analyst: QBM
Dibromomethane	ND 0.15	0.50	µg/L 1 11/14/2011 05:30 PM
Dichlorodifluoromethane	ND 0.12	0.50	µg/L 1 11/14/2011 05:30 PM
Ethylbenzene	ND 0.051	0.50	µg/L 1 11/14/2011 05:30 PM
Hexachlorobutadiene	ND 0.17	0.50	µg/L 1 11/14/2011 05:30 PM
Isopropylbenzene	ND 0.057	0.50	µg/L 1 11/14/2011 05:30 PM
m,p-Xylene	ND 0.17	1.0	µg/L 1 11/14/2011 05:30 PM
Methylene chloride	ND 0.10	1.0	µg/L 1 11/14/2011 05:30 PM
MTBE	ND 0.089	0.50	µg/L 1 11/14/2011 05:30 PM
n-Butylbenzene	ND 0.082	0.50	µg/L 1 11/14/2011 05:30 PM
n-Propylbenzene	ND 0.087	0.50	µg/L 1 11/14/2011 05:30 PM
Naphthalene	ND 0.056	0.50	µg/L 1 11/14/2011 05:30 PM
o-Xylene	ND 0.077	0.50	µg/L 1 11/14/2011 05:30 PM
sec-Butylbenzene	ND 0.098	0.50	µg/L 1 11/14/2011 05:30 PM
Styrene	ND 0.072	0.50	µg/L 1 11/14/2011 05:30 PM
tert-Butylbenzene	ND 0.062	0.50	µg/L 1 11/14/2011 05:30 PM
Tetrachloroethene	13 0.13	0.50	µg/L 1 11/14/2011 05:30 PM
Toluene	ND 0.12	0.50	µg/L 1 11/14/2011 05:30 PM
trans-1,2-Dichloroethene	ND 0.094	0.50	µg/L 1 11/14/2011 05:30 PM
Trichloroethene	ND 0.060	0.50	µg/L 1 11/14/2011 05:30 PM
Trichlorofluoromethane	ND 0.097	0.50	µg/L 1 11/14/2011 05:30 PM
Vinyl chloride	ND 0.12	0.50	µg/L 1 11/14/2011 05:30 PM
Surr: 1,2-Dichloroethane-d4	99.7 0	56-120	%REC 1 11/14/2011 05:30 PM
Surr: 4-Bromofluorobenzene	101 0	80-120	%REC 1 11/14/2011 05:30 PM
Surr: Dibromofluoromethane	119 0	72-120	%REC 1 11/14/2011 05:30 PM
Surr: Toluene-d8	117 0	80-123	%REC 1 11/14/2011 05:30 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	



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Laboratories, Inc.**

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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** MW 21D
Lab Order: N006812 **Collection Date:** 11/9/2011 3:05:00 PM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006812-007

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111114A	QC Batch: D11VW167	PrepDate:	Analyst: QBM			
1,1,1,2-Tetrachloroethane	ND	0.061	0.50	µg/L	1	11/14/2011 05:54 PM
1,1,1-Trichloroethane	ND	0.068	0.50	µg/L	1	11/14/2011 05:54 PM
1,1,2,2-Tetrachloroethane	ND	0.054	0.50	µg/L	1	11/14/2011 05:54 PM
1,1,2-Trichloroethane	ND	0.083	0.50	µg/L	1	11/14/2011 05:54 PM
1,1-Dichloroethane	ND	0.099	0.50	µg/L	1	11/14/2011 05:54 PM
1,1-Dichloroethene	ND	0.094	0.50	µg/L	1	11/14/2011 05:54 PM
1,1-Dichloropropene	ND	0.082	0.50	µg/L	1	11/14/2011 05:54 PM
1,2,3-Trichlorobenzene	ND	0.10	0.50	µg/L	1	11/14/2011 05:54 PM
1,2,3-Trichloropropane	ND	0.12	0.50	µg/L	1	11/14/2011 05:54 PM
1,2,4-Trichlorobenzene	ND	0.12	0.50	µg/L	1	11/14/2011 05:54 PM
1,2,4-Trimethylbenzene	ND	0.095	0.50	µg/L	1	11/14/2011 05:54 PM
1,2-Dibromo-3-chloropropane	ND	0.15	1.0	µg/L	1	11/14/2011 05:54 PM
1,2-Dibromoethane	ND	0.14	0.50	µg/L	1	11/14/2011 05:54 PM
1,2-Dichlorobenzene	ND	0.070	0.50	µg/L	1	11/14/2011 05:54 PM
1,2-Dichloroethane	ND	0.17	0.50	µg/L	1	11/14/2011 05:54 PM
1,2-Dichloropropane	ND	0.085	0.50	µg/L	1	11/14/2011 05:54 PM
1,3,5-Trimethylbenzene	ND	0.087	0.50	µg/L	1	11/14/2011 05:54 PM
1,3-Dichlorobenzene	ND	0.090	0.50	µg/L	1	11/14/2011 05:54 PM
1,3-Dichloropropane	ND	0.074	0.50	µg/L	1	11/14/2011 05:54 PM
1,4-Dichlorobenzene	ND	0.092	0.50	µg/L	1	11/14/2011 05:54 PM
2,2-Dichloropropane	ND	0.061	0.50	µg/L	1	11/14/2011 05:54 PM
2-Chlorotoluene	ND	0.080	0.50	µg/L	1	11/14/2011 05:54 PM
4-Chlorotoluene	ND	0.10	0.50	µg/L	1	11/14/2011 05:54 PM
4-Isopropyltoluene	ND	0.080	0.50	µg/L	1	11/14/2011 05:54 PM
Benzene	ND	0.075	0.50	µg/L	1	11/14/2011 05:54 PM
Bromobenzene	ND	0.082	0.50	µg/L	1	11/14/2011 05:54 PM
Bromodichloromethane	ND	0.063	0.50	µg/L	1	11/14/2011 05:54 PM
Bromoform	ND	0.086	0.50	µg/L	1	11/14/2011 05:54 PM
Bromomethane	ND	0.13	0.50	µg/L	1	11/14/2011 05:54 PM
Carbon tetrachloride	ND	0.10	0.50	µg/L	1	11/14/2011 05:54 PM
Chlorobenzene	ND	0.092	0.50	µg/L	1	11/14/2011 05:54 PM
Chloroethane	ND	0.14	0.50	µg/L	1	11/14/2011 05:54 PM
Chloroform	0.50	0.058	0.50	µg/L	1	11/14/2011 05:54 PM
Chloromethane	ND	0.054	0.50	µg/L	1	11/14/2011 05:54 PM
cis-1,2-Dichloroethene	ND	0.11	0.50	µg/L	1	11/14/2011 05:54 PM
Dibromochloromethane	ND	0.061	0.50	µg/L	1	11/14/2011 05:54 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



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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** MW 21D
Lab Order: N006812 **Collection Date:** 11/9/2011 3:05:00 PM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006812-007

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111114A	QC Batch: D11VW167	PrepDate:	Analyst: QBM			
Dibromomethane	ND	0.15	0.50	µg/L	1	11/14/2011 05:54 PM
Dichlorodifluoromethane	ND	0.12	0.50	µg/L	1	11/14/2011 05:54 PM
Ethylbenzene	ND	0.051	0.50	µg/L	1	11/14/2011 05:54 PM
Hexachlorobutadiene	ND	0.17	0.50	µg/L	1	11/14/2011 05:54 PM
Isopropylbenzene	ND	0.057	0.50	µg/L	1	11/14/2011 05:54 PM
m,p-Xylene	ND	0.17	1.0	µg/L	1	11/14/2011 05:54 PM
Methylene chloride	ND	0.10	1.0	µg/L	1	11/14/2011 05:54 PM
MTBE	ND	0.089	0.50	µg/L	1	11/14/2011 05:54 PM
n-Butylbenzene	ND	0.082	0.50	µg/L	1	11/14/2011 05:54 PM
n-Propylbenzene	ND	0.087	0.50	µg/L	1	11/14/2011 05:54 PM
Naphthalene	ND	0.056	0.50	µg/L	1	11/14/2011 05:54 PM
o-Xylene	ND	0.077	0.50	µg/L	1	11/14/2011 05:54 PM
sec-Butylbenzene	ND	0.098	0.50	µg/L	1	11/14/2011 05:54 PM
Styrene	ND	0.072	0.50	µg/L	1	11/14/2011 05:54 PM
tert-Butylbenzene	ND	0.062	0.50	µg/L	1	11/14/2011 05:54 PM
Tetrachloroethene	11	0.13	0.50	µg/L	1	11/14/2011 05:54 PM
Toluene	ND	0.12	0.50	µg/L	1	11/14/2011 05:54 PM
trans-1,2-Dichloroethene	ND	0.094	0.50	µg/L	1	11/14/2011 05:54 PM
Trichloroethene	ND	0.060	0.50	µg/L	1	11/14/2011 05:54 PM
Trichlorofluoromethane	ND	0.097	0.50	µg/L	1	11/14/2011 05:54 PM
Vinyl chloride	ND	0.12	0.50	µg/L	1	11/14/2011 05:54 PM
Surr: 1,2-Dichloroethane-d4	96.1	0	56-120	%REC	1	11/14/2011 05:54 PM
Surr: 4-Bromofluorobenzene	95.1	0	80-120	%REC	1	11/14/2011 05:54 PM
Surr: Dibromofluoromethane	114	0	72-120	%REC	1	11/14/2011 05:54 PM
Surr: Toluene-d8	109	0	80-123	%REC	1	11/14/2011 05:54 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



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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.
Lab Order: N006812
Project: MARYLAND SQUARE SHOPPING CENTER
Lab ID: N006812-008

Client Sample ID: FIELD BLANK
Collection Date: 11/9/2011 2:50:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111114A	QC Batch: D11VW167	PrepDate:	Analyst: QBM			
1,1,1,2-Tetrachloroethane	ND	0.061	0.50	µg/L	1	11/14/2011 03:06 PM
1,1,1-Trichloroethane	ND	0.068	0.50	µg/L	1	11/14/2011 03:06 PM
1,1,2,2-Tetrachloroethane	ND	0.054	0.50	µg/L	1	11/14/2011 03:06 PM
1,1,2-Trichloroethane	ND	0.083	0.50	µg/L	1	11/14/2011 03:06 PM
1,1-Dichloroethane	ND	0.099	0.50	µg/L	1	11/14/2011 03:06 PM
1,1-Dichloroethene	ND	0.094	0.50	µg/L	1	11/14/2011 03:06 PM
1,1-Dichloropropene	ND	0.082	0.50	µg/L	1	11/14/2011 03:06 PM
1,2,3-Trichlorobenzene	ND	0.10	0.50	µg/L	1	11/14/2011 03:06 PM
1,2,3-Trichloropropane	ND	0.12	0.50	µg/L	1	11/14/2011 03:06 PM
1,2,4-Trichlorobenzene	ND	0.12	0.50	µg/L	1	11/14/2011 03:06 PM
1,2,4-Trimethylbenzene	ND	0.095	0.50	µg/L	1	11/14/2011 03:06 PM
1,2-Dibromo-3-chloropropane	ND	0.15	1.0	µg/L	1	11/14/2011 03:06 PM
1,2-Dibromoethane	ND	0.14	0.50	µg/L	1	11/14/2011 03:06 PM
1,2-Dichlorobenzene	ND	0.070	0.50	µg/L	1	11/14/2011 03:06 PM
1,2-Dichloroethane	ND	0.17	0.50	µg/L	1	11/14/2011 03:06 PM
1,2-Dichloropropane	ND	0.085	0.50	µg/L	1	11/14/2011 03:06 PM
1,3,5-Trimethylbenzene	ND	0.087	0.50	µg/L	1	11/14/2011 03:06 PM
1,3-Dichlorobenzene	ND	0.090	0.50	µg/L	1	11/14/2011 03:06 PM
1,3-Dichloropropane	ND	0.074	0.50	µg/L	1	11/14/2011 03:06 PM
1,4-Dichlorobenzene	ND	0.092	0.50	µg/L	1	11/14/2011 03:06 PM
2,2-Dichloropropane	ND	0.061	0.50	µg/L	1	11/14/2011 03:06 PM
2-Chlorotoluene	ND	0.080	0.50	µg/L	1	11/14/2011 03:06 PM
4-Chlorotoluene	ND	0.10	0.50	µg/L	1	11/14/2011 03:06 PM
4-Isopropyltoluene	ND	0.080	0.50	µg/L	1	11/14/2011 03:06 PM
Benzene	ND	0.075	0.50	µg/L	1	11/14/2011 03:06 PM
Bromobenzene	ND	0.082	0.50	µg/L	1	11/14/2011 03:06 PM
Bromodichloromethane	ND	0.063	0.50	µg/L	1	11/14/2011 03:06 PM
Bromoform	ND	0.086	0.50	µg/L	1	11/14/2011 03:06 PM
Bromomethane	ND	0.13	0.50	µg/L	1	11/14/2011 03:06 PM
Carbon tetrachloride	ND	0.10	0.50	µg/L	1	11/14/2011 03:06 PM
Chlorobenzene	ND	0.092	0.50	µg/L	1	11/14/2011 03:06 PM
Chloroethane	ND	0.14	0.50	µg/L	1	11/14/2011 03:06 PM
Chloroform	ND	0.058	0.50	µg/L	1	11/14/2011 03:06 PM
Chloromethane	ND	0.054	0.50	µg/L	1	11/14/2011 03:06 PM
cis-1,2-Dichloroethene	ND	0.11	0.50	µg/L	1	11/14/2011 03:06 PM
Dibromochloromethane	ND	0.061	0.50	µg/L	1	11/14/2011 03:06 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



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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.
Lab Order: N006812
Project: MARYLAND SQUARE SHOPPING CENTER
Lab ID: N006812-008

Client Sample ID: FIELD BLANK
Collection Date: 11/9/2011 2:50:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111114A	QC Batch: D11VW167	PrepDate:	Analyst: QBM			
Dibromomethane	ND	0.15	0.50	µg/L	1	11/14/2011 03:06 PM
Dichlorodifluoromethane	ND	0.12	0.50	µg/L	1	11/14/2011 03:06 PM
Ethylbenzene	ND	0.051	0.50	µg/L	1	11/14/2011 03:06 PM
Hexachlorobutadiene	ND	0.17	0.50	µg/L	1	11/14/2011 03:06 PM
Isopropylbenzene	ND	0.057	0.50	µg/L	1	11/14/2011 03:06 PM
m,p-Xylene	ND	0.17	1.0	µg/L	1	11/14/2011 03:06 PM
Methylene chloride	3.3	0.10	1.0	µg/L	1	11/14/2011 03:06 PM
MTBE	ND	0.089	0.50	µg/L	1	11/14/2011 03:06 PM
n-Butylbenzene	ND	0.082	0.50	µg/L	1	11/14/2011 03:06 PM
n-Propylbenzene	ND	0.087	0.50	µg/L	1	11/14/2011 03:06 PM
Naphthalene	ND	0.056	0.50	µg/L	1	11/14/2011 03:06 PM
o-Xylene	ND	0.077	0.50	µg/L	1	11/14/2011 03:06 PM
sec-Butylbenzene	ND	0.098	0.50	µg/L	1	11/14/2011 03:06 PM
Styrene	ND	0.072	0.50	µg/L	1	11/14/2011 03:06 PM
tert-Butylbenzene	ND	0.062	0.50	µg/L	1	11/14/2011 03:06 PM
Tetrachloroethene	ND	0.13	0.50	µg/L	1	11/14/2011 03:06 PM
Toluene	ND	0.12	0.50	µg/L	1	11/14/2011 03:06 PM
trans-1,2-Dichloroethene	ND	0.094	0.50	µg/L	1	11/14/2011 03:06 PM
Trichloroethene	ND	0.060	0.50	µg/L	1	11/14/2011 03:06 PM
Trichlorofluoromethane	ND	0.097	0.50	µg/L	1	11/14/2011 03:06 PM
Vinyl chloride	ND	0.12	0.50	µg/L	1	11/14/2011 03:06 PM
Surr: 1,2-Dichloroethane-d4	93.8	0	56-120	%REC	1	11/14/2011 03:06 PM
Surr: 4-Bromofluorobenzene	101	0	80-120	%REC	1	11/14/2011 03:06 PM
Surr: Dibromofluoromethane	107	0	72-120	%REC	1	11/14/2011 03:06 PM
Surr: Toluene-d8	115	0	80-123	%REC	1	11/14/2011 03:06 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



**Advanced Technology
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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.
Lab Order: N006812
Project: MARYLAND SQUARE SHOPPING CENTER
Lab ID: N006812-009

Client Sample ID: RINSE AID
Collection Date: 11/9/2011 3:20:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111114A	QC Batch: D11VW167	PrepDate:	Analyst: QBM			
1,1,1,2-Tetrachloroethane	ND	0.061	0.50	µg/L	1	11/14/2011 03:29 PM
1,1,1-Trichloroethane	ND	0.068	0.50	µg/L	1	11/14/2011 03:29 PM
1,1,2,2-Tetrachloroethane	ND	0.054	0.50	µg/L	1	11/14/2011 03:29 PM
1,1,2-Trichloroethane	ND	0.083	0.50	µg/L	1	11/14/2011 03:29 PM
1,1-Dichloroethane	ND	0.099	0.50	µg/L	1	11/14/2011 03:29 PM
1,1-Dichloroethene	ND	0.094	0.50	µg/L	1	11/14/2011 03:29 PM
1,1-Dichloropropene	ND	0.082	0.50	µg/L	1	11/14/2011 03:29 PM
1,2,3-Trichlorobenzene	ND	0.10	0.50	µg/L	1	11/14/2011 03:29 PM
1,2,3-Trichloropropane	ND	0.12	0.50	µg/L	1	11/14/2011 03:29 PM
1,2,4-Trichlorobenzene	ND	0.12	0.50	µg/L	1	11/14/2011 03:29 PM
1,2,4-Trimethylbenzene	ND	0.095	0.50	µg/L	1	11/14/2011 03:29 PM
1,2-Dibromo-3-chloropropane	ND	0.15	1.0	µg/L	1	11/14/2011 03:29 PM
1,2-Dibromoethane	ND	0.14	0.50	µg/L	1	11/14/2011 03:29 PM
1,2-Dichlorobenzene	ND	0.070	0.50	µg/L	1	11/14/2011 03:29 PM
1,2-Dichloroethane	ND	0.17	0.50	µg/L	1	11/14/2011 03:29 PM
1,2-Dichloropropane	ND	0.085	0.50	µg/L	1	11/14/2011 03:29 PM
1,3,5-Trimethylbenzene	ND	0.087	0.50	µg/L	1	11/14/2011 03:29 PM
1,3-Dichlorobenzene	ND	0.090	0.50	µg/L	1	11/14/2011 03:29 PM
1,3-Dichloropropane	ND	0.074	0.50	µg/L	1	11/14/2011 03:29 PM
1,4-Dichlorobenzene	ND	0.092	0.50	µg/L	1	11/14/2011 03:29 PM
2,2-Dichloropropane	ND	0.061	0.50	µg/L	1	11/14/2011 03:29 PM
2-Chlorotoluene	ND	0.080	0.50	µg/L	1	11/14/2011 03:29 PM
4-Chlorotoluene	ND	0.10	0.50	µg/L	1	11/14/2011 03:29 PM
4-Isopropyltoluene	ND	0.080	0.50	µg/L	1	11/14/2011 03:29 PM
Benzene	ND	0.075	0.50	µg/L	1	11/14/2011 03:29 PM
Bromobenzene	ND	0.082	0.50	µg/L	1	11/14/2011 03:29 PM
Bromodichloromethane	ND	0.063	0.50	µg/L	1	11/14/2011 03:29 PM
Bromoform	ND	0.086	0.50	µg/L	1	11/14/2011 03:29 PM
Bromomethane	ND	0.13	0.50	µg/L	1	11/14/2011 03:29 PM
Carbon tetrachloride	ND	0.10	0.50	µg/L	1	11/14/2011 03:29 PM
Chlorobenzene	ND	0.092	0.50	µg/L	1	11/14/2011 03:29 PM
Chloroethane	ND	0.14	0.50	µg/L	1	11/14/2011 03:29 PM
Chloroform	ND	0.058	0.50	µg/L	1	11/14/2011 03:29 PM
Chloromethane	ND	0.054	0.50	µg/L	1	11/14/2011 03:29 PM
cis-1,2-Dichloroethene	ND	0.11	0.50	µg/L	1	11/14/2011 03:29 PM
Dibromochloromethane	ND	0.061	0.50	µg/L	1	11/14/2011 03:29 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



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** RINSE AID
Lab Order: N006812 **Collection Date:** 11/9/2011 3:20:00 PM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006812-009

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111114A	QC Batch: D11VW167	PrepDate:	Analyst: QBM
Dibromomethane	ND 0.15 0.50	µg/L	1 11/14/2011 03:29 PM
Dichlorodifluoromethane	ND 0.12 0.50	µg/L	1 11/14/2011 03:29 PM
Ethylbenzene	ND 0.051 0.50	µg/L	1 11/14/2011 03:29 PM
Hexachlorobutadiene	ND 0.17 0.50	µg/L	1 11/14/2011 03:29 PM
Isopropylbenzene	ND 0.057 0.50	µg/L	1 11/14/2011 03:29 PM
m,p-Xylene	ND 0.17 1.0	µg/L	1 11/14/2011 03:29 PM
Methylene chloride	2.2 0.10 1.0	µg/L	1 11/14/2011 03:29 PM
MTBE	ND 0.089 0.50	µg/L	1 11/14/2011 03:29 PM
n-Butylbenzene	ND 0.082 0.50	µg/L	1 11/14/2011 03:29 PM
n-Propylbenzene	ND 0.087 0.50	µg/L	1 11/14/2011 03:29 PM
Naphthalene	ND 0.056 0.50	µg/L	1 11/14/2011 03:29 PM
o-Xylene	ND 0.077 0.50	µg/L	1 11/14/2011 03:29 PM
sec-Butylbenzene	ND 0.098 0.50	µg/L	1 11/14/2011 03:29 PM
Styrene	ND 0.072 0.50	µg/L	1 11/14/2011 03:29 PM
tert-Butylbenzene	ND 0.062 0.50	µg/L	1 11/14/2011 03:29 PM
Tetrachloroethene	ND 0.13 0.50	µg/L	1 11/14/2011 03:29 PM
Toluene	ND 0.12 0.50	µg/L	1 11/14/2011 03:29 PM
trans-1,2-Dichloroethene	ND 0.094 0.50	µg/L	1 11/14/2011 03:29 PM
Trichloroethene	ND 0.060 0.50	µg/L	1 11/14/2011 03:29 PM
Trichlorofluoromethane	ND 0.097 0.50	µg/L	1 11/14/2011 03:29 PM
Vinyl chloride	ND 0.12 0.50	µg/L	1 11/14/2011 03:29 PM
Surr: 1,2-Dichloroethane-d4	93.8 0 56-120	%REC	1 11/14/2011 03:29 PM
Surr: 4-Bromofluorobenzene	100 0 80-120	%REC	1 11/14/2011 03:29 PM
Surr: Dibromofluoromethane	107 0 72-120	%REC	1 11/14/2011 03:29 PM
Surr: Toluene-d8	114 0 80-123	%REC	1 11/14/2011 03:29 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



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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** MW-5
Lab Order: N006812 **Collection Date:** 11/9/2011 4:05:00 PM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006812-010

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111114A	QC Batch: D11VW167	PrepDate:	Analyst: QBM			
1,1,1,2-Tetrachloroethane	ND	0.061	0.50	µg/L	1	11/14/2011 07:16 PM
1,1,1-Trichloroethane	ND	0.068	0.50	µg/L	1	11/14/2011 07:16 PM
1,1,2,2-Tetrachloroethane	ND	0.054	0.50	µg/L	1	11/14/2011 07:16 PM
1,1,2-Trichloroethane	ND	0.083	0.50	µg/L	1	11/14/2011 07:16 PM
1,1-Dichloroethane	ND	0.099	0.50	µg/L	1	11/14/2011 07:16 PM
1,1-Dichloroethene	ND	0.094	0.50	µg/L	1	11/14/2011 07:16 PM
1,1-Dichloropropene	ND	0.082	0.50	µg/L	1	11/14/2011 07:16 PM
1,2,3-Trichlorobenzene	ND	0.10	0.50	µg/L	1	11/14/2011 07:16 PM
1,2,3-Trichloropropane	ND	0.12	0.50	µg/L	1	11/14/2011 07:16 PM
1,2,4-Trichlorobenzene	ND	0.12	0.50	µg/L	1	11/14/2011 07:16 PM
1,2,4-Trimethylbenzene	ND	0.095	0.50	µg/L	1	11/14/2011 07:16 PM
1,2-Dibromo-3-chloropropane	ND	0.15	1.0	µg/L	1	11/14/2011 07:16 PM
1,2-Dibromoethane	ND	0.14	0.50	µg/L	1	11/14/2011 07:16 PM
1,2-Dichlorobenzene	ND	0.070	0.50	µg/L	1	11/14/2011 07:16 PM
1,2-Dichloroethane	ND	0.17	0.50	µg/L	1	11/14/2011 07:16 PM
1,2-Dichloropropane	ND	0.085	0.50	µg/L	1	11/14/2011 07:16 PM
1,3,5-Trimethylbenzene	ND	0.087	0.50	µg/L	1	11/14/2011 07:16 PM
1,3-Dichlorobenzene	ND	0.090	0.50	µg/L	1	11/14/2011 07:16 PM
1,3-Dichloropropane	ND	0.074	0.50	µg/L	1	11/14/2011 07:16 PM
1,4-Dichlorobenzene	ND	0.092	0.50	µg/L	1	11/14/2011 07:16 PM
2,2-Dichloropropane	ND	0.061	0.50	µg/L	1	11/14/2011 07:16 PM
2-Chlorotoluene	ND	0.080	0.50	µg/L	1	11/14/2011 07:16 PM
4-Chlorotoluene	ND	0.10	0.50	µg/L	1	11/14/2011 07:16 PM
4-Isopropyltoluene	ND	0.080	0.50	µg/L	1	11/14/2011 07:16 PM
Benzene	ND	0.075	0.50	µg/L	1	11/14/2011 07:16 PM
Bromobenzene	ND	0.082	0.50	µg/L	1	11/14/2011 07:16 PM
Bromodichloromethane	ND	0.063	0.50	µg/L	1	11/14/2011 07:16 PM
Bromoform	ND	0.086	0.50	µg/L	1	11/14/2011 07:16 PM
Bromomethane	ND	0.13	0.50	µg/L	1	11/14/2011 07:16 PM
Carbon tetrachloride	ND	0.10	0.50	µg/L	1	11/14/2011 07:16 PM
Chlorobenzene	ND	0.092	0.50	µg/L	1	11/14/2011 07:16 PM
Chloroethane	ND	0.14	0.50	µg/L	1	11/14/2011 07:16 PM
Chloroform	5.8	0.058	0.50	µg/L	1	11/14/2011 07:16 PM
Chloromethane	ND	0.054	0.50	µg/L	1	11/14/2011 07:16 PM
cis-1,2-Dichloroethene	1.1	0.11	0.50	µg/L	1	11/14/2011 07:16 PM
Dibromochloromethane	ND	0.061	0.50	µg/L	1	11/14/2011 07:16 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



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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.	Client Sample ID: MW-5
Lab Order: N006812	Collection Date: 11/9/2011 4:05:00 PM
Project: MARYLAND SQUARE SHOPPING CENTER	Matrix: WATER
Lab ID: N006812-010	

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111114A	QC Batch: D11VW167	PrepDate:	Analyst: QBM
Dibromomethane	ND 0.15	0.50	µg/L 1 11/14/2011 07:16 PM
Dichlorodifluoromethane	ND 0.12	0.50	µg/L 1 11/14/2011 07:16 PM
Ethylbenzene	ND 0.051	0.50	µg/L 1 11/14/2011 07:16 PM
Hexachlorobutadiene	ND 0.17	0.50	µg/L 1 11/14/2011 07:16 PM
Isopropylbenzene	ND 0.057	0.50	µg/L 1 11/14/2011 07:16 PM
m,p-Xylene	ND 0.17	1.0	µg/L 1 11/14/2011 07:16 PM
Methylene chloride	ND 0.10	1.0	µg/L 1 11/14/2011 07:16 PM
MTBE	ND 0.089	0.50	µg/L 1 11/14/2011 07:16 PM
n-Butylbenzene	ND 0.082	0.50	µg/L 1 11/14/2011 07:16 PM
n-Propylbenzene	ND 0.087	0.50	µg/L 1 11/14/2011 07:16 PM
Naphthalene	ND 0.056	0.50	µg/L 1 11/14/2011 07:16 PM
o-Xylene	ND 0.077	0.50	µg/L 1 11/14/2011 07:16 PM
sec-Butylbenzene	ND 0.098	0.50	µg/L 1 11/14/2011 07:16 PM
Styrene	ND 0.072	0.50	µg/L 1 11/14/2011 07:16 PM
tert-Butylbenzene	ND 0.062	0.50	µg/L 1 11/14/2011 07:16 PM
Tetrachloroethene	540 1.3	5.0	µg/L 10 11/14/2011 06:52 PM
Toluene	ND 0.12	0.50	µg/L 1 11/14/2011 07:16 PM
trans-1,2-Dichloroethene	ND 0.094	0.50	µg/L 1 11/14/2011 07:16 PM
Trichloroethene	2.5 0.060	0.50	µg/L 1 11/14/2011 07:16 PM
Trichlorofluoromethane	ND 0.097	0.50	µg/L 1 11/14/2011 07:16 PM
Vinyl chloride	ND 0.12	0.50	µg/L 1 11/14/2011 07:16 PM
Surr: 1,2-Dichloroethane-d4	92.3 0	56-120	%REC 1 11/14/2011 07:16 PM
Surr: 4-Bromofluorobenzene	91.7 0	80-120	%REC 1 11/14/2011 07:16 PM
Surr: Dibromofluoromethane	109 0	72-120	%REC 1 11/14/2011 07:16 PM
Surr: Toluene-d8	99.5 0	80-123	%REC 1 11/14/2011 07:16 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	



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Advanced Technology Laboratories, Inc.

Date: 18-Nov-11

CLIENT: ATC Associates Inc.
 Work Order: N006812

ANALYTICAL QC SUMMARY REPORT

Project: MARYLAND SQUARE SHOPPING CENTER

TestCode: 8260_WP_LL

Sample ID: D11114LCS	SampType: LCS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82198
Client ID: LCSW	Batch ID: D111W167	TestNo: EPA 8260B		Analysis Date: 11/14/2011	SeqNo: 1326621

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	17.450	0.50	20.00	0	87.2	74	122				
1,1,1-Trichloroethane	17.680	0.50	20.00	0	88.4	65	120				
1,1,2,2-Tetrachloroethane	18.900	0.50	20.00	0	94.5	80	120				
1,1,2-Trichloroethane	18.680	0.50	20.00	0	93.4	80	120				
1,1-Dichloroethane	20.830	0.50	20.00	0	104	80	120				
1,1-Dichloroethene	21.250	0.50	20.00	0	106	80	120				
1,1-Dichloropropene	19.110	0.50	20.00	0	95.6	80	120				
1,2,3-Trichlorobenzene	19.350	0.50	20.00	0	96.8	80	124				
1,2,3-Trichloropropane	17.910	0.50	20.00	0	89.6	80	120				
1,2,4-Trichlorobenzene	19.190	0.50	20.00	0	96.0	80	126				
1,2,4-Trimethylbenzene	19.190	0.50	20.00	0	96.0	80	123				
1,2-Dibromo-3-chloropropane	18.040	1.0	20.00	0	90.2	70	120				
1,2-Dibromoethane	18.630	0.50	20.00	0	93.2	80	120				
1,2-Dichlorobenzene	19.050	0.50	20.00	0	95.2	80	120				
1,2-Dichloroethane	21.540	0.50	20.00	0	108	80	120				
1,2-Dichloropropane	18.440	0.50	20.00	0	92.2	80	120				
1,3,5-Trimethylbenzene	19.340	0.50	20.00	0	96.7	80	121				
1,3-Dichlorobenzene	18.970	0.50	20.00	0	94.8	80	120				
1,3-Dichloropropane	17.180	0.50	20.00	0	85.9	80	120				
1,4-Dichlorobenzene	18.630	0.50	20.00	0	93.2	80	120				
2,2-Dichloropropane	17.920	0.50	20.00	0	89.6	54	120				
2-Chlorotoluene	18.650	0.50	20.00	0	93.3	80	122				
4-Chlorotoluene	18.760	0.50	20.00	0	93.8	80	120				
4-Isopropyltoluene	19.650	0.50	20.00	0	98.2	80	122				
Benzene	19.450	0.50	20.00	0	97.3	80	120				
Bromobenzene	18.330	0.50	20.00	0	91.7	80	120				
Bromodichloromethane	20.550	0.50	20.00	0	103	70	120				
Bromoform	18.710	0.50	20.00	0	93.6	66	120				
Bromomethane	20.560	0.50	20.00	0	103	48	155				

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
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006812

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D11114LCS	SampType: LCS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82198						
Client ID: LCSW	Batch ID: D111W167	TestNo: EPA 8260B		Analysis Date: 11/14/2011	SeqNo: 1326621						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Carbon tetrachloride	17.930	0.50	20.00	0	89.7	60	120				
Chlorobenzene	19.120	0.50	20.00	0	95.6	80	120				
Chloroethane	20.360	0.50	20.00	0	102	62	147				
Chloroform	21.690	0.50	20.00	0	108	80	120				
Chloromethane	20.910	0.50	20.00	0	105	63	121				
cis-1,2-Dichloroethene	20.630	0.50	20.00	0	103	80	120				
Dibromochloromethane	19.020	0.50	20.00	0	95.1	67	123				
Dibromomethane	20.600	0.50	20.00	0	103	80	120				
Dichlorodifluoromethane	21.950	0.50	20.00	0	110	70	121				
Ethylbenzene	19.730	0.50	20.00	0	98.6	80	120				
Hexachlorobutadiene	19.120	0.50	20.00	0	95.6	80	123				
Isopropylbenzene	18.990	0.50	20.00	0	95.0	80	121				
m,p-Xylene	39.980	1.0	40.00	0	100	80	120				
Methylene chloride	20.420	1.0	20.00	0	102	75	120				
MTBE	18.800	0.50	20.00	0	94.0	70	120				
n-Butylbenzene	19.810	0.50	20.00	0	99.0	80	129				
n-Propylbenzene	19.390	0.50	20.00	0	97.0	80	122				
Naphthalene	18.310	0.50	20.00	0	91.6	73	127				
o-Xylene	19.230	0.50	20.00	0	96.2	80	120				
sec-Butylbenzene	19.530	0.50	20.00	0	97.6	80	120				
Styrene	19.280	0.50	20.00	0	96.4	80	120				
tert-Butylbenzene	18.780	0.50	20.00	0	93.9	80	120				
Tetrachloroethene	20.120	0.50	20.00	0	101	80	121				
Toluene	20.180	0.50	20.00	0	101	80	120				
trans-1,2-Dichloroethene	22.680	0.50	20.00	0	113	80	120				
Trichloroethene	18.640	0.50	20.00	0	93.2	80	120				
Trichlorofluoromethane	20.530	0.50	20.00	0	103	71	148				
Vinyl chloride	20.940	0.50	20.00	0	105	80	120				
Surr: 1,2-Dichloroethane-d4	26.100		25.00		104	56	120				
Surr: 4-Bromofluorobenzene	23.260		25.00		93.0	80	120				

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
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006812

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D11114LCS	SampType: LCS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82198						
Client ID: LCSW	Batch ID: D111VW167	TestNo: EPA 8260B		Analysis Date: 11/14/2011	SeqNo: 1326621						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: Dibromofluoromethane	27.060		25.00		108	72	120				
Surr: Toluene-d8	25.520		25.00		102	80	123				

Sample ID: N006806-005AMS	SampType: MS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82198						
Client ID: ZZZZZ	Batch ID: D111VW167	TestNo: EPA 8260B		Analysis Date: 11/14/2011	SeqNo: 1326622						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1,2-Tetrachloroethane	18.010	0.50	20.00	0	90.1	70	120				
1,1,1-Trichloroethane	18.300	0.50	20.00	0	91.5	68	120				
1,1,2,2-Tetrachloroethane	16.980	0.50	20.00	0	84.9	69	120				
1,1,2-Trichloroethane	16.240	0.50	20.00	0	81.2	71	120				
1,1-Dichloroethane	21.720	0.50	20.00	0	109	77	120				
1,1-Dichloroethene	22.720	0.50	20.00	0	114	80	120				
1,1-Dichloropropene	20.420	0.50	20.00	0	102	80	120				
1,2,3-Trichlorobenzene	17.930	0.50	20.00	0	89.7	80	120				
1,2,3-Trichloropropane	15.500	0.50	20.00	0	77.5	68	120				
1,2,4-Trichlorobenzene	19.220	0.50	20.00	0	96.1	80	120				
1,2,4-Trimethylbenzene	19.760	0.50	20.00	0	98.8	72	131				
1,2-Dibromo-3-chloropropane	15.160	1.0	20.00	0	75.8	57	120				
1,2-Dibromoethane	15.730	0.50	20.00	0	78.7	71	120				
1,2-Dichlorobenzene	19.210	0.50	20.00	0	96.0	80	120				
1,2-Dichloroethane	18.690	0.50	20.00	0	93.5	72	120				
1,2-Dichloropropane	17.760	0.50	20.00	0	88.8	76	120				
1,3,5-Trimethylbenzene	20.950	0.50	20.00	0	105	80	125				
1,3-Dichlorobenzene	20.200	0.50	20.00	0	101	80	120				
1,3-Dichloropropane	16.200	0.50	20.00	0	81.0	70	120				
1,4-Dichlorobenzene	19.920	0.50	20.00	0	99.6	80	120				
2,2-Dichloropropane	18.330	0.50	20.00	0	91.7	58	120				
2-Chlorotoluene	20.630	0.50	20.00	0	103	80	128				
4-Chlorotoluene	20.630	0.50	20.00	0	103	80	122				

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
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006812

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: N006806-005AMS	Sample Type: MS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82198
Client ID: ZZZZZ	Batch ID: D111WV167	TestNo: EPA 8260B		Analysis Date: 11/14/2011	SeqNo: 1326622

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Isopropyltoluene	21.680	0.50	20.00	0	108	80	127				
Benzene	23.270	0.50	20.00	2.600	103	80	120				
Bromobenzene	19.090	0.50	20.00	0	95.4	80	120				
Bromodichloromethane	19.950	0.50	20.00	0	99.8	64	122				
Bromoform	16.710	0.50	20.00	0	83.6	60	120				
Bromomethane	21.490	0.50	20.00	0	107	69	129				
Carbon tetrachloride	19.010	0.50	20.00	0	95.1	65	120				
Chlorobenzene	20.340	0.50	20.00	0	102	80	120				
Chloroethane	22.340	0.50	20.00	0	112	56	158				
Chloroform	21.460	0.50	20.00	0	107	76	120				
Chloromethane	22.070	0.50	20.00	0	110	59	120				
cis-1,2-Dichloroethene	20.830	0.50	20.00	0	104	79	120				
Dibromochloromethane	18.280	0.50	20.00	0	91.4	49	131				
Dibromomethane	17.890	0.50	20.00	0	89.4	73	120				
Dichlorodifluoromethane	23.360	0.50	20.00	0	117	67	124				
Ethylbenzene	21.330	0.50	20.00	0	107	80	120				
Hexachlorobutadiene	20.040	0.50	20.00	0	100	80	130				
Isopropylbenzene	21.600	0.50	20.00	0	108	80	128				
m,p-Xylene	43.070	1.0	40.00	0	108	80	123				
Methylene chloride	19.760	1.0	20.00	0	98.8	67	120				
MTBE	42.950	0.50	20.00	25.92	85.2	52	120				
n-Butylbenzene	22.200	0.50	20.00	0	111	80	132				
n-Propylbenzene	21.980	0.50	20.00	0	110	80	130				
Naphthalene	14.820	0.50	20.00	0	74.1	57	120				
o-Xylene	20.250	0.50	20.00	0	101	80	120				
sec-Butylbenzene	22.140	0.50	20.00	0	111	80	128				
Styrene	17.530	0.50	20.00	0	87.6	50	136				
tert-Butylbenzene	21.220	0.50	20.00	0	106	80	125				
Tetrachloroethene	22.250	0.50	20.00	0	111	70	145				
Toluene	20.660	0.50	20.00	0	103	80	120				

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
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006812

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: N006806-005AMS	SampType: MS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82198						
Client ID: ZZZZZZ	Batch ID: D11VW167	TestNo: EPA 8260B		Analysis Date: 11/14/2011	SeqNo: 1326622						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	23.390	0.50	20.00	0	117	80	120				
Trichloroethene	20.210	0.50	20.00	0	101	80	120				
Trichlorofluoromethane	22.550	0.50	20.00	0	113	67	154				
Vinyl chloride	22.060	0.50	20.00	0	110	77	120				
Surr: 1,2-Dichloroethane-d4	23.970		25.00		95.9	56	120				
Surr: 4-Bromofluorobenzene	24.480		25.00		97.9	80	120				
Surr: Dibromofluoromethane	28.360		25.00		113	72	120				
Surr: Toluene-d8	26.940		25.00		108	80	123				

Sample ID: N006806-005AMS	SampType: MSD	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82198						
Client ID: ZZZZZZ	Batch ID: D11VW167	TestNo: EPA 8260B		Analysis Date: 11/14/2011	SeqNo: 1326623						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	18.240	0.50	20.00	0	91.2	70	120	18.01	1.27	20	
1,1,1-Trichloroethane	18.630	0.50	20.00	0	93.2	68	120	18.30	1.79	20	
1,1,2,2-Tetrachloroethane	18.020	0.50	20.00	0	90.1	69	120	16.98	5.94	20	
1,1,2-Trichloroethane	17.960	0.50	20.00	0	89.8	71	120	16.24	10.1	20	
1,1-Dichloroethane	21.650	0.50	20.00	0	108	77	120	21.72	0.323	20	
1,1-Dichloroethene	22.190	0.50	20.00	0	111	80	120	22.72	2.36	20	
1,1-Dichloropropene	21.040	0.50	20.00	0	105	80	120	20.42	2.99	20	
1,2,3-Trichlorobenzene	19.290	0.50	20.00	0	96.5	80	120	17.93	7.31	20	
1,2,3-Trichloropropane	16.190	0.50	20.00	0	81.0	68	120	15.50	4.35	20	
1,2,4-Trichlorobenzene	20.120	0.50	20.00	0	101	80	120	19.22	4.58	20	
1,2,4-Trimethylbenzene	18.550	0.50	20.00	0	92.8	72	131	19.76	6.32	20	
1,2-Dibromo-3-chloropropane	16.690	1.0	20.00	0	83.4	57	120	15.16	9.61	20	
1,2-Dibromoethane	16.970	0.50	20.00	0	84.8	71	120	15.73	7.58	20	
1,2-Dichlorobenzene	19.660	0.50	20.00	0	98.3	80	120	19.21	2.32	20	
1,2-Dichloroethane	20.410	0.50	20.00	0	102	72	120	18.69	8.80	20	
1,2-Dichloropropane	18.770	0.50	20.00	0	93.8	76	120	17.76	5.53	20	
1,3,5-Trimethylbenzene	20.370	0.50	20.00	0	102	80	125	20.95	2.81	20	

Qualifiers:

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- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006812

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: N006806-005AMSD	SampType: MSD	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82198
Client ID: ZZZZZZ	Batch ID: D11VW167	TestNo: EPA 8260B		Analysis Date: 11/14/2011	SeqNo: 1326623

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	20.370	0.50	20.00	0	102	80	120	20.20	0.838	20	
1,3-Dichloropropane	17.060	0.50	20.00	0	85.3	70	120	16.20	5.17	20	
1,4-Dichlorobenzene	20.060	0.50	20.00	0	100	80	120	19.92	0.700	20	
2,2-Dichloropropane	18.620	0.50	20.00	0	93.1	58	120	18.33	1.57	20	
2-Chlorotoluene	20.280	0.50	20.00	0	101	80	128	20.63	1.71	20	
4-Chlorotoluene	20.390	0.50	20.00	0	102	80	122	20.63	1.17	20	
4-Isopropyltoluene	21.220	0.50	20.00	0	106	80	127	21.68	2.14	20	
Benzene	23.890	0.50	20.00	2.600	106	80	120	23.27	2.63	20	
Bromobenzene	19.240	0.50	20.00	0	96.2	80	120	19.09	0.783	20	
Bromodichloromethane	20.980	0.50	20.00	0	105	64	122	19.95	5.03	20	
Bromoform	17.720	0.50	20.00	0	88.6	60	120	16.71	5.87	20	
Bromomethane	20.890	0.50	20.00	0	104	69	129	21.49	2.83	20	
Carbon tetrachloride	19.600	0.50	20.00	0	98.0	65	120	19.01	3.06	20	
Chlorobenzene	20.400	0.50	20.00	0	102	80	120	20.34	0.295	20	
Chloroethane	21.930	0.50	20.00	0	110	56	158	22.34	1.85	20	
Chloroform	21.790	0.50	20.00	0	109	76	120	21.46	1.53	20	
Chloromethane	22.580	0.50	20.00	0	113	59	120	22.07	2.28	20	
cis-1,2-Dichloroethene	21.470	0.50	20.00	0	107	79	120	20.83	3.03	20	
Dibromochloromethane	19.290	0.50	20.00	0	96.5	49	131	18.28	5.38	20	
Dibromomethane	19.670	0.50	20.00	0	98.4	73	120	17.89	9.48	20	
Dichlorodifluoromethane	23.750	0.50	20.00	0	119	67	124	23.36	1.66	20	
Ethylbenzene	21.260	0.50	20.00	0	106	80	120	21.33	0.329	20	
Hexachlorobutadiene	18.710	0.50	20.00	0	93.6	80	130	20.04	6.86	20	
Isopropylbenzene	20.940	0.50	20.00	0	105	80	128	21.60	3.10	20	
m,p-Xylene	43.100	1.0	40.00	0	108	80	123	43.07	0.0696	20	
Methylene chloride	20.760	1.0	20.00	0	104	67	120	19.76	4.94	20	
MTBE	47.100	0.50	20.00	25.92	106	52	120	42.95	9.22	20	
n-Butylbenzene	21.840	0.50	20.00	0	109	80	132	22.20	1.63	20	
n-Propylbenzene	21.360	0.50	20.00	0	107	80	130	21.98	2.86	20	
Naphthalene	16.540	0.50	20.00	0	82.7	57	120	14.82	11.0	20	

Qualifiers:

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

CLIENT: ATC Associates Inc.
Work Order: N006812

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **N006806-005AMSD** SampType: **MSD** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **82198**
 Client ID: **ZZZZZ** Batch ID: **D11VW167** TestNo: **EPA 8260B** Analysis Date: **11/14/2011** SeqNo: **1326623**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Xylene	20.670	0.50	20.00	0	103	80	120	20.25	2.05	20	
sec-Butylbenzene	21.350	0.50	20.00	0	107	80	128	22.14	3.63	20	
Styrene	16.320	0.50	20.00	0	81.6	50	136	17.53	7.15	20	
tert-Butylbenzene	20.820	0.50	20.00	0	104	80	125	21.22	1.90	20	
Tetrachloroethene	22.110	0.50	20.00	0	111	70	145	22.25	0.631	20	
Toluene	21.420	0.50	20.00	0	107	80	120	20.66	3.61	20	
trans-1,2-Dichloroethene	23.390	0.50	20.00	0	117	80	120	23.39	0	20	
Trichloroethene	20.520	0.50	20.00	0	103	80	120	20.21	1.52	20	
Trichlorofluoromethane	21.920	0.50	20.00	0	110	67	154	22.55	2.83	20	
Vinyl chloride	22.030	0.50	20.00	0	110	77	120	22.06	0.136	20	
Surr: 1,2-Dichloroethane-d4	24.740		25.00		99.0	56	120		0		
Surr: 4-Bromofluorobenzene	24.940		25.00		99.8	80	120		0		
Surr: Dibromofluoromethane	27.860		25.00		111	72	120		0		
Surr: Toluene-d8	27.440		25.00		110	80	123		0		

Sample ID: **D111114MB2** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **82198**
 Client ID: **PBW** Batch ID: **D11VW167** TestNo: **EPA 8260B** Analysis Date: **11/14/2011** SeqNo: **1326624**

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									

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
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006812

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D11114MB2	SampType: MBLK	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82198						
Client ID: PBW	Batch ID: D111VW167	TestNo: EPA 8260B		Analysis Date: 11/14/2011	SeqNo: 1326624						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,2-Dibromo-3-chloropropane	ND	1.0									
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									
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									
Dibromochloromethane	ND	0.50									
Dibromomethane	ND	0.50									
Dichlorodifluoromethane	ND	0.50									
Ethylbenzene	ND	0.50									
Hexachlorobutadiene	ND	0.50									
Isopropylbenzene	ND	0.50									

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
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 Calculations are based on raw values



CLIENT: ATC Associates Inc.
Work Order: N006812

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D11114MB2	SampType: MBLK	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82198						
Client ID: PBW	Batch ID: D111WV167	TestNo: EPA 8260B		Analysis Date: 11/14/2011	SeqNo: 1326624						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

m,p-Xylene	ND	1.0									
Methylene chloride	ND	1.0									
MTBE	ND	0.50									
n-Butylbenzene	ND	0.50									
n-Propylbenzene	ND	0.50									
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	25.640		25.00		103	56		120			
Surr: 4-Bromofluorobenzene	25.020		25.00		100	80		120			
Surr: Dibromofluoromethane	27.900		25.00		112	72		120			
Surr: Toluene-d8	27.740		25.00		111	80		123			


Qualifiers:

B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
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 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



3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

CHAIN OF CUSTODY RECORD



Advanced Technology Laboratories
 3151-3153 W. Post Rd.
 Las Vegas, NV 89118
 Tel: (702) 307-2659 • Fax: (702) 307-2691

FOR LABORATORY USE ONLY

Method of Transport: Client 1. CHILLED 2. HEADSPACE (VOA) 3. CONTAINER INTACT 4. SEALED 5. # OF SPLS MATCH CDC 6. PRESERVED

Sample Condition Upon Receipt: Y N Y N Y N

Project #: 2925 E. Patrick Lane #M
 City: Las Vegas State: NV Zip Code: 89120
 Attention: Andrew Stuart Tel: 702-798-5750
 Fax: 702-798-5742

Sampler: Edde Bors
 (I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.)

Relinquished by: (Signature and Printed Name) Michael Searns Edde Bors Date: 11/10/11 Time: 1700

Relinquished by: (Signature and Printed Name) Edde Bors Date: 11/11/11 Time: 1022

Relinquished by: (Signature and Printed Name) Edde Bors Date: 11/11/11 Time: 1022

I hereby authorize ATL to perform the work indicated below:
 Project No: Edde Bors 1106 Date: 11/11/11

Send Report To: Accounts Payable
 Attn: Andrew Stuart
 Co: ATC
 Address: 2925 E. Patrick Lane #M
 City: Las Vegas State: NV Zip: 89120

Special Instructions/Comments:

Special Instructions/Comments:

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 /ATL workorder / mo (after 1 year)

LAB USE ONLY:	Lab No.	Sample ID / Location	Sample Description	Date	Time	SPECIFY APPROPRIATE		CONTAINERIZATION	QA/QC
						Container(s)	Type		
	11008812-1	TRIP Blank		11/9/11	0650	X			
	-2	MW-10		11/9/11	1720	X			
	-3	MW-16		11/9/11	1224	X			
	-4	MW15		11/9/11	1313	X			
	-5	MW15		11/9/11	1357	X			
	-6	MW21		11/9/11	1505	X			
	-7	MW21D		11/9/11	1505	X			
	-8	FIELD Blank		11/9/11	1450	X			
	-9	RUSE-A10		11/9/11	1520	X			
	-10	MW15		11/9/11	1605	X			

Circle or Add Analysis(es) Requested:
 8209 (Volatiles) 8015M (TPH) 8015B (DRO) (Motor Oil/RO)
 8015B (BTEXMTE/napthalene) 8015M (TPH) TO3 (TPH/BTEXMTE)
 VOCs 8260 Short List FCRA 7 (60109/700) 8015B (TPH) 8015B (DRO) (Motor Oil/RO)

Preservatives: H=HCl N=HNO₃ S=H₂SO₄ C=4°C
 Z=Zn(Ac)₂ O=NaOH T=Na₂S₂O₃

Container Types: T=Tube V=VOA L=Liter P=Pint C=Critical 2 Workdays E=Emergency Next Workday B=Overnight 5 24 hrs A=Overnight 5 24 hrs

Container Types: T=Tube V=VOA L=Liter P=Pint C=Critical 2 Workdays E=Emergency Next Workday B=Overnight 5 24 hrs A=Overnight 5 24 hrs

Advanced Technology Laboratories, Inc.

Please review the checklist below. Any NO and/or NA signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Sample Receipt Checklist

Cooler Received/Opened On: 11/11/2011 Workorder: N006812
 Rep sample Temp (Deg C): 4.2 IR Gun ID: 2
 Temp Blank: Yes No
 Carrier name: ATL
 Last 4 digits of Tracking No.: na Packing Material Used: Bubble Wrap
 Cooling process: Ice Ice Pack Dry Ice Other None

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed B MBC

Reviewed By: ATL 11/11/11

November 18, 2011

Andrew Stuart
ATC Associates Inc.
2925 E. Patrick Lane
Las Vegas, NV 89120
TEL: (702) 798-5750
FAX: (702) 798-5742

CA-ELAP No.: 2676
NV Cert. No.: NV-009222007A

Workorder No.: N006811

RE: MARYLAND SQUARE SHOPPING CENTER

Attention: Andrew Stuart

Enclosed are the results for sample(s) received on November 11, 2011 by Advanced Technology Laboratories, Inc. . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

I hereby certify that all laboratory analysis requested were performed by Nevada Division of Environmental Protection-certified laboratory for the parameters and matrices reported herein.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Jose Tenorio Jr.
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories - Las Vegas.



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

CLIENT: ATC Associates Inc.
Project: MARYLAND SQUARE SHOPPING CENTER
Lab Order: N006811

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

Samples were received intact with proper chain of custody documentation.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Samples were analyzed within method holding time.

Analytical Comments for EPA 8260B:

For samples RINSE AID, FIELD BLANK, and TRIP BLANK, the methylene chloride detected in the samples are possibly due to laboratory contamination due to DI water provided to client. Methylene chloride is a solvent commonly used for semivolatile organic extraction. All samples were none detect (ND) for methylene chloride.



Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.
Lab Order: N006811
Project: MARYLAND SQUARE SHOPPING CENTER
Lab ID: N006811-001

Client Sample ID: MW-2
Collection Date: 11/10/2011 8:50:00 AM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111113A	QC Batch: D11VW166	PrepDate:	Analyst: QBM			
1,1,1,2-Tetrachloroethane	ND	0.061	0.50	µg/L	1	11/13/2011 06:41 PM
1,1,1-Trichloroethane	ND	0.068	0.50	µg/L	1	11/13/2011 06:41 PM
1,1,2,2-Tetrachloroethane	ND	0.054	0.50	µg/L	1	11/13/2011 06:41 PM
1,1,2-Trichloroethane	ND	0.083	0.50	µg/L	1	11/13/2011 06:41 PM
1,1-Dichloroethane	ND	0.099	0.50	µg/L	1	11/13/2011 06:41 PM
1,1-Dichloroethene	ND	0.094	0.50	µg/L	1	11/13/2011 06:41 PM
1,1-Dichloropropene	ND	0.082	0.50	µg/L	1	11/13/2011 06:41 PM
1,2,3-Trichlorobenzene	ND	0.10	0.50	µg/L	1	11/13/2011 06:41 PM
1,2,3-Trichloropropane	ND	0.12	0.50	µg/L	1	11/13/2011 06:41 PM
1,2,4-Trichlorobenzene	ND	0.12	0.50	µg/L	1	11/13/2011 06:41 PM
1,2,4-Trimethylbenzene	ND	0.095	0.50	µg/L	1	11/13/2011 06:41 PM
1,2-Dibromo-3-chloropropane	ND	0.15	1.0	µg/L	1	11/13/2011 06:41 PM
1,2-Dibromoethane	ND	0.14	0.50	µg/L	1	11/13/2011 06:41 PM
1,2-Dichlorobenzene	ND	0.070	0.50	µg/L	1	11/13/2011 06:41 PM
1,2-Dichloroethane	ND	0.17	0.50	µg/L	1	11/13/2011 06:41 PM
1,2-Dichloropropane	ND	0.085	0.50	µg/L	1	11/13/2011 06:41 PM
1,3,5-Trimethylbenzene	ND	0.087	0.50	µg/L	1	11/13/2011 06:41 PM
1,3-Dichlorobenzene	ND	0.090	0.50	µg/L	1	11/13/2011 06:41 PM
1,3-Dichloropropane	ND	0.074	0.50	µg/L	1	11/13/2011 06:41 PM
1,4-Dichlorobenzene	ND	0.092	0.50	µg/L	1	11/13/2011 06:41 PM
2,2-Dichloropropane	ND	0.061	0.50	µg/L	1	11/13/2011 06:41 PM
2-Chlorotoluene	ND	0.080	0.50	µg/L	1	11/13/2011 06:41 PM
4-Chlorotoluene	ND	0.10	0.50	µg/L	1	11/13/2011 06:41 PM
4-Isopropyltoluene	ND	0.080	0.50	µg/L	1	11/13/2011 06:41 PM
Benzene	ND	0.075	0.50	µg/L	1	11/13/2011 06:41 PM
Bromobenzene	ND	0.082	0.50	µg/L	1	11/13/2011 06:41 PM
Bromodichloromethane	ND	0.063	0.50	µg/L	1	11/13/2011 06:41 PM
Bromoform	ND	0.086	0.50	µg/L	1	11/13/2011 06:41 PM
Bromomethane	ND	0.13	0.50	µg/L	1	11/13/2011 06:41 PM
Carbon tetrachloride	ND	0.10	0.50	µg/L	1	11/13/2011 06:41 PM
Chlorobenzene	ND	0.092	0.50	µg/L	1	11/13/2011 06:41 PM
Chloroethane	ND	0.14	0.50	µg/L	1	11/13/2011 06:41 PM
Chloroform	4.1	0.058	0.50	µg/L	1	11/13/2011 06:41 PM
Chloromethane	ND	0.054	0.50	µg/L	1	11/13/2011 06:41 PM
cis-1,2-Dichloroethene	0.66	0.11	0.50	µg/L	1	11/13/2011 06:41 PM
Dibromochloromethane	ND	0.061	0.50	µg/L	1	11/13/2011 06:41 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



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.
Lab Order: N006811
Project: MARYLAND SQUARE SHOPPING CENTER
Lab ID: N006811-001

Client Sample ID: MW-2
Collection Date: 11/10/2011 8:50:00 AM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111113A	QC Batch: D11VW166	PrepDate:	Analyst: QBM			
Dibromomethane	ND	0.15	0.50	µg/L	1	11/13/2011 06:41 PM
Dichlorodifluoromethane	ND	0.12	0.50	µg/L	1	11/13/2011 06:41 PM
Ethylbenzene	ND	0.051	0.50	µg/L	1	11/13/2011 06:41 PM
Hexachlorobutadiene	ND	0.17	0.50	µg/L	1	11/13/2011 06:41 PM
Isopropylbenzene	ND	0.057	0.50	µg/L	1	11/13/2011 06:41 PM
m,p-Xylene	ND	0.17	1.0	µg/L	1	11/13/2011 06:41 PM
Methylene chloride	ND	0.10	1.0	µg/L	1	11/13/2011 06:41 PM
MTBE	ND	0.089	0.50	µg/L	1	11/13/2011 06:41 PM
n-Butylbenzene	ND	0.082	0.50	µg/L	1	11/13/2011 06:41 PM
n-Propylbenzene	ND	0.087	0.50	µg/L	1	11/13/2011 06:41 PM
Naphthalene	ND	0.056	0.50	µg/L	1	11/13/2011 06:41 PM
o-Xylene	ND	0.077	0.50	µg/L	1	11/13/2011 06:41 PM
sec-Butylbenzene	ND	0.098	0.50	µg/L	1	11/13/2011 06:41 PM
Styrene	ND	0.072	0.50	µg/L	1	11/13/2011 06:41 PM
tert-Butylbenzene	ND	0.062	0.50	µg/L	1	11/13/2011 06:41 PM
Tetrachloroethene	610	1.3	5.0	µg/L	10	11/13/2011 03:35 PM
Toluene	ND	0.12	0.50	µg/L	1	11/13/2011 06:41 PM
trans-1,2-Dichloroethene	ND	0.094	0.50	µg/L	1	11/13/2011 06:41 PM
Trichloroethene	2.1	0.060	0.50	µg/L	1	11/13/2011 06:41 PM
Trichlorofluoromethane	ND	0.097	0.50	µg/L	1	11/13/2011 06:41 PM
Vinyl chloride	ND	0.12	0.50	µg/L	1	11/13/2011 06:41 PM
Surr: 1,2-Dichloroethane-d4	93.7	0	56-120	%REC	1	11/13/2011 06:41 PM
Surr: 1,2-Dichloroethane-d4	102	0	56-120	%REC	10	11/13/2011 03:35 PM
Surr: 4-Bromofluorobenzene	100	0	80-120	%REC	1	11/13/2011 06:41 PM
Surr: 4-Bromofluorobenzene	103	0	80-120	%REC	10	11/13/2011 03:35 PM
Surr: Dibromofluoromethane	106	0	72-120	%REC	1	11/13/2011 06:41 PM
Surr: Dibromofluoromethane	111	0	72-120	%REC	10	11/13/2011 03:35 PM
Surr: Toluene-d8	113	0	80-123	%REC	10	11/13/2011 03:35 PM
Surr: Toluene-d8	108	0	80-123	%REC	1	11/13/2011 06:41 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



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3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.
Lab Order: N006811
Project: MARYLAND SQUARE SHOPPING CENTER
Lab ID: N006811-002

Client Sample ID: MW-20
Collection Date: 11/10/2011 9:46:00 AM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111113A	QC Batch: D11VW166	PrepDate:	Analyst: QBM			
1,1,1,2-Tetrachloroethane	ND	0.061	0.50	µg/L	1	11/13/2011 07:05 PM
1,1,1-Trichloroethane	ND	0.068	0.50	µg/L	1	11/13/2011 07:05 PM
1,1,2,2-Tetrachloroethane	ND	0.054	0.50	µg/L	1	11/13/2011 07:05 PM
1,1,2-Trichloroethane	ND	0.083	0.50	µg/L	1	11/13/2011 07:05 PM
1,1-Dichloroethane	ND	0.099	0.50	µg/L	1	11/13/2011 07:05 PM
1,1-Dichloroethene	ND	0.094	0.50	µg/L	1	11/13/2011 07:05 PM
1,1-Dichloropropene	ND	0.082	0.50	µg/L	1	11/13/2011 07:05 PM
1,2,3-Trichlorobenzene	ND	0.10	0.50	µg/L	1	11/13/2011 07:05 PM
1,2,3-Trichloropropane	ND	0.12	0.50	µg/L	1	11/13/2011 07:05 PM
1,2,4-Trichlorobenzene	ND	0.12	0.50	µg/L	1	11/13/2011 07:05 PM
1,2,4-Trimethylbenzene	ND	0.095	0.50	µg/L	1	11/13/2011 07:05 PM
1,2-Dibromo-3-chloropropane	ND	0.15	1.0	µg/L	1	11/13/2011 07:05 PM
1,2-Dibromoethane	ND	0.14	0.50	µg/L	1	11/13/2011 07:05 PM
1,2-Dichlorobenzene	ND	0.070	0.50	µg/L	1	11/13/2011 07:05 PM
1,2-Dichloroethane	ND	0.17	0.50	µg/L	1	11/13/2011 07:05 PM
1,2-Dichloropropane	ND	0.085	0.50	µg/L	1	11/13/2011 07:05 PM
1,3,5-Trimethylbenzene	ND	0.087	0.50	µg/L	1	11/13/2011 07:05 PM
1,3-Dichlorobenzene	ND	0.090	0.50	µg/L	1	11/13/2011 07:05 PM
1,3-Dichloropropane	ND	0.074	0.50	µg/L	1	11/13/2011 07:05 PM
1,4-Dichlorobenzene	ND	0.092	0.50	µg/L	1	11/13/2011 07:05 PM
2,2-Dichloropropane	ND	0.061	0.50	µg/L	1	11/13/2011 07:05 PM
2-Chlorotoluene	ND	0.080	0.50	µg/L	1	11/13/2011 07:05 PM
4-Chlorotoluene	ND	0.10	0.50	µg/L	1	11/13/2011 07:05 PM
4-Isopropyltoluene	ND	0.080	0.50	µg/L	1	11/13/2011 07:05 PM
Benzene	ND	0.075	0.50	µg/L	1	11/13/2011 07:05 PM
Bromobenzene	ND	0.082	0.50	µg/L	1	11/13/2011 07:05 PM
Bromodichloromethane	ND	0.063	0.50	µg/L	1	11/13/2011 07:05 PM
Bromoform	ND	0.086	0.50	µg/L	1	11/13/2011 07:05 PM
Bromomethane	ND	0.13	0.50	µg/L	1	11/13/2011 07:05 PM
Carbon tetrachloride	ND	0.10	0.50	µg/L	1	11/13/2011 07:05 PM
Chlorobenzene	ND	0.092	0.50	µg/L	1	11/13/2011 07:05 PM
Chloroethane	ND	0.14	0.50	µg/L	1	11/13/2011 07:05 PM
Chloroform	0.89	0.058	0.50	µg/L	1	11/13/2011 07:05 PM
Chloromethane	ND	0.054	0.50	µg/L	1	11/13/2011 07:05 PM
cis-1,2-Dichloroethene	ND	0.11	0.50	µg/L	1	11/13/2011 07:05 PM
Dibromochloromethane	ND	0.061	0.50	µg/L	1	11/13/2011 07:05 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



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.
Lab Order: N006811
Project: MARYLAND SQUARE SHOPPING CENTER
Lab ID: N006811-002

Client Sample ID: MW-20
Collection Date: 11/10/2011 9:46:00 AM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_11113A	QC Batch: D11VW166	PrepDate:	Analyst: QBM			
Dibromomethane	ND	0.15	0.50	µg/L	1	11/13/2011 07:05 PM
Dichlorodifluoromethane	ND	0.12	0.50	µg/L	1	11/13/2011 07:05 PM
Ethylbenzene	ND	0.051	0.50	µg/L	1	11/13/2011 07:05 PM
Hexachlorobutadiene	ND	0.17	0.50	µg/L	1	11/13/2011 07:05 PM
Isopropylbenzene	ND	0.057	0.50	µg/L	1	11/13/2011 07:05 PM
m,p-Xylene	ND	0.17	1.0	µg/L	1	11/13/2011 07:05 PM
Methylene chloride	ND	0.10	1.0	µg/L	1	11/13/2011 07:05 PM
MTBE	ND	0.089	0.50	µg/L	1	11/13/2011 07:05 PM
n-Butylbenzene	ND	0.082	0.50	µg/L	1	11/13/2011 07:05 PM
n-Propylbenzene	ND	0.087	0.50	µg/L	1	11/13/2011 07:05 PM
Naphthalene	ND	0.056	0.50	µg/L	1	11/13/2011 07:05 PM
o-Xylene	ND	0.077	0.50	µg/L	1	11/13/2011 07:05 PM
sec-Butylbenzene	ND	0.098	0.50	µg/L	1	11/13/2011 07:05 PM
Styrene	ND	0.072	0.50	µg/L	1	11/13/2011 07:05 PM
tert-Butylbenzene	ND	0.062	0.50	µg/L	1	11/13/2011 07:05 PM
Tetrachloroethene	800	1.3	5.0	µg/L	10	11/13/2011 03:58 PM
Toluene	ND	0.12	0.50	µg/L	1	11/13/2011 07:05 PM
trans-1,2-Dichloroethene	ND	0.094	0.50	µg/L	1	11/13/2011 07:05 PM
Trichloroethene	1.9	0.060	0.50	µg/L	1	11/13/2011 07:05 PM
Trichlorofluoromethane	ND	0.097	0.50	µg/L	1	11/13/2011 07:05 PM
Vinyl chloride	ND	0.12	0.50	µg/L	1	11/13/2011 07:05 PM
Surr: 1,2-Dichloroethane-d4	101	0	56-120	%REC	10	11/13/2011 03:58 PM
Surr: 1,2-Dichloroethane-d4	89.0	0	56-120	%REC	1	11/13/2011 07:05 PM
Surr: 4-Bromofluorobenzene	93.7	0	80-120	%REC	1	11/13/2011 07:05 PM
Surr: 4-Bromofluorobenzene	101	0	80-120	%REC	10	11/13/2011 03:58 PM
Surr: Dibromofluoromethane	102	0	72-120	%REC	1	11/13/2011 07:05 PM
Surr: Dibromofluoromethane	110	0	72-120	%REC	10	11/13/2011 03:58 PM
Surr: Toluene-d8	99.3	0	80-123	%REC	1	11/13/2011 07:05 PM
Surr: Toluene-d8	112	0	80-123	%REC	10	11/13/2011 03:58 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
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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.
Lab Order: N006811
Project: MARYLAND SQUARE SHOPPING CENTER
Lab ID: N006811-003

Client Sample ID: MW-20D
Collection Date: 11/10/2011 9:46:00 AM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111113A	QC Batch: D11VW166	PrepDate:	Analyst: QBM			
1,1,1,2-Tetrachloroethane	ND	0.061	0.50	µg/L	1	11/13/2011 07:28 PM
1,1,1-Trichloroethane	ND	0.068	0.50	µg/L	1	11/13/2011 07:28 PM
1,1,2,2-Tetrachloroethane	ND	0.054	0.50	µg/L	1	11/13/2011 07:28 PM
1,1,2-Trichloroethane	ND	0.083	0.50	µg/L	1	11/13/2011 07:28 PM
1,1-Dichloroethane	ND	0.099	0.50	µg/L	1	11/13/2011 07:28 PM
1,1-Dichloroethene	ND	0.094	0.50	µg/L	1	11/13/2011 07:28 PM
1,1-Dichloropropene	ND	0.082	0.50	µg/L	1	11/13/2011 07:28 PM
1,2,3-Trichlorobenzene	ND	0.10	0.50	µg/L	1	11/13/2011 07:28 PM
1,2,3-Trichloropropane	ND	0.12	0.50	µg/L	1	11/13/2011 07:28 PM
1,2,4-Trichlorobenzene	ND	0.12	0.50	µg/L	1	11/13/2011 07:28 PM
1,2,4-Trimethylbenzene	ND	0.095	0.50	µg/L	1	11/13/2011 07:28 PM
1,2-Dibromo-3-chloropropane	ND	0.15	1.0	µg/L	1	11/13/2011 07:28 PM
1,2-Dibromoethane	ND	0.14	0.50	µg/L	1	11/13/2011 07:28 PM
1,2-Dichlorobenzene	ND	0.070	0.50	µg/L	1	11/13/2011 07:28 PM
1,2-Dichloroethane	ND	0.17	0.50	µg/L	1	11/13/2011 07:28 PM
1,2-Dichloropropane	ND	0.085	0.50	µg/L	1	11/13/2011 07:28 PM
1,3,5-Trimethylbenzene	ND	0.087	0.50	µg/L	1	11/13/2011 07:28 PM
1,3-Dichlorobenzene	ND	0.090	0.50	µg/L	1	11/13/2011 07:28 PM
1,3-Dichloropropane	ND	0.074	0.50	µg/L	1	11/13/2011 07:28 PM
1,4-Dichlorobenzene	ND	0.092	0.50	µg/L	1	11/13/2011 07:28 PM
2,2-Dichloropropane	ND	0.061	0.50	µg/L	1	11/13/2011 07:28 PM
2-Chlorotoluene	ND	0.080	0.50	µg/L	1	11/13/2011 07:28 PM
4-Chlorotoluene	ND	0.10	0.50	µg/L	1	11/13/2011 07:28 PM
4-Isopropyltoluene	ND	0.080	0.50	µg/L	1	11/13/2011 07:28 PM
Benzene	ND	0.075	0.50	µg/L	1	11/13/2011 07:28 PM
Bromobenzene	ND	0.082	0.50	µg/L	1	11/13/2011 07:28 PM
Bromodichloromethane	ND	0.063	0.50	µg/L	1	11/13/2011 07:28 PM
Bromoform	ND	0.086	0.50	µg/L	1	11/13/2011 07:28 PM
Bromomethane	ND	0.13	0.50	µg/L	1	11/13/2011 07:28 PM
Carbon tetrachloride	ND	0.10	0.50	µg/L	1	11/13/2011 07:28 PM
Chlorobenzene	ND	0.092	0.50	µg/L	1	11/13/2011 07:28 PM
Chloroethane	ND	0.14	0.50	µg/L	1	11/13/2011 07:28 PM
Chloroform	0.74	0.058	0.50	µg/L	1	11/13/2011 07:28 PM
Chloromethane	ND	0.054	0.50	µg/L	1	11/13/2011 07:28 PM
cis-1,2-Dichloroethene	ND	0.11	0.50	µg/L	1	11/13/2011 07:28 PM
Dibromochloromethane	ND	0.061	0.50	µg/L	1	11/13/2011 07:28 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



**Advanced Technology
Laboratories, Inc.**

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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.
Lab Order: N006811
Project: MARYLAND SQUARE SHOPPING CENTER
Lab ID: N006811-003

Client Sample ID: MW-20D
Collection Date: 11/10/2011 9:46:00 AM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111113A	QC Batch: D11VW166	PrepDate:	Analyst: QBM			
Dibromomethane	ND	0.15	0.50	µg/L	1	11/13/2011 07:28 PM
Dichlorodifluoromethane	ND	0.12	0.50	µg/L	1	11/13/2011 07:28 PM
Ethylbenzene	ND	0.051	0.50	µg/L	1	11/13/2011 07:28 PM
Hexachlorobutadiene	ND	0.17	0.50	µg/L	1	11/13/2011 07:28 PM
Isopropylbenzene	ND	0.057	0.50	µg/L	1	11/13/2011 07:28 PM
m,p-Xylene	ND	0.17	1.0	µg/L	1	11/13/2011 07:28 PM
Methylene chloride	ND	0.10	1.0	µg/L	1	11/13/2011 07:28 PM
MTBE	ND	0.089	0.50	µg/L	1	11/13/2011 07:28 PM
n-Butylbenzene	ND	0.082	0.50	µg/L	1	11/13/2011 07:28 PM
n-Propylbenzene	ND	0.087	0.50	µg/L	1	11/13/2011 07:28 PM
Naphthalene	ND	0.056	0.50	µg/L	1	11/13/2011 07:28 PM
o-Xylene	ND	0.077	0.50	µg/L	1	11/13/2011 07:28 PM
sec-Butylbenzene	ND	0.098	0.50	µg/L	1	11/13/2011 07:28 PM
Styrene	ND	0.072	0.50	µg/L	1	11/13/2011 07:28 PM
tert-Butylbenzene	ND	0.062	0.50	µg/L	1	11/13/2011 07:28 PM
Tetrachloroethene	850	1.3	5.0	µg/L	10	11/13/2011 04:21 PM
Toluene	ND	0.12	0.50	µg/L	1	11/13/2011 07:28 PM
trans-1,2-Dichloroethene	ND	0.094	0.50	µg/L	1	11/13/2011 07:28 PM
Trichloroethene	1.9	0.060	0.50	µg/L	1	11/13/2011 07:28 PM
Trichlorofluoromethane	ND	0.097	0.50	µg/L	1	11/13/2011 07:28 PM
Vinyl chloride	ND	0.12	0.50	µg/L	1	11/13/2011 07:28 PM
Surr: 1,2-Dichloroethane-d4	103	0	56-120	%REC	10	11/13/2011 04:21 PM
Surr: 1,2-Dichloroethane-d4	78.6	0	56-120	%REC	1	11/13/2011 07:28 PM
Surr: 4-Bromofluorobenzene	88.6	0	80-120	%REC	1	11/13/2011 07:28 PM
Surr: 4-Bromofluorobenzene	100	0	80-120	%REC	10	11/13/2011 04:21 PM
Surr: Dibromofluoromethane	91.5	0	72-120	%REC	1	11/13/2011 07:28 PM
Surr: Dibromofluoromethane	113	0	72-120	%REC	10	11/13/2011 04:21 PM
Surr: Toluene-d8	93.0	0	80-123	%REC	1	11/13/2011 07:28 PM
Surr: Toluene-d8	111	0	80-123	%REC	10	11/13/2011 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



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.
Lab Order: N006811
Project: MARYLAND SQUARE SHOPPING CENTER
Lab ID: N006811-004

Client Sample ID: MW-19
Collection Date: 11/10/2011 10:36:00 AM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111113A	QC Batch: D11VW166	PrepDate:	Analyst: QBM			
1,1,1,2-Tetrachloroethane	ND	0.061	0.50	µg/L	1	11/13/2011 07:51 PM
1,1,1-Trichloroethane	ND	0.068	0.50	µg/L	1	11/13/2011 07:51 PM
1,1,2,2-Tetrachloroethane	ND	0.054	0.50	µg/L	1	11/13/2011 07:51 PM
1,1,2-Trichloroethane	ND	0.083	0.50	µg/L	1	11/13/2011 07:51 PM
1,1-Dichloroethane	ND	0.099	0.50	µg/L	1	11/13/2011 07:51 PM
1,1-Dichloroethene	ND	0.094	0.50	µg/L	1	11/13/2011 07:51 PM
1,1-Dichloropropene	ND	0.082	0.50	µg/L	1	11/13/2011 07:51 PM
1,2,3-Trichlorobenzene	ND	0.10	0.50	µg/L	1	11/13/2011 07:51 PM
1,2,3-Trichloropropane	ND	0.12	0.50	µg/L	1	11/13/2011 07:51 PM
1,2,4-Trichlorobenzene	ND	0.12	0.50	µg/L	1	11/13/2011 07:51 PM
1,2,4-Trimethylbenzene	ND	0.095	0.50	µg/L	1	11/13/2011 07:51 PM
1,2-Dibromo-3-chloropropane	ND	0.15	1.0	µg/L	1	11/13/2011 07:51 PM
1,2-Dibromoethane	ND	0.14	0.50	µg/L	1	11/13/2011 07:51 PM
1,2-Dichlorobenzene	ND	0.070	0.50	µg/L	1	11/13/2011 07:51 PM
1,2-Dichloroethane	ND	0.17	0.50	µg/L	1	11/13/2011 07:51 PM
1,2-Dichloropropane	ND	0.085	0.50	µg/L	1	11/13/2011 07:51 PM
1,3,5-Trimethylbenzene	ND	0.087	0.50	µg/L	1	11/13/2011 07:51 PM
1,3-Dichlorobenzene	ND	0.090	0.50	µg/L	1	11/13/2011 07:51 PM
1,3-Dichloropropane	ND	0.074	0.50	µg/L	1	11/13/2011 07:51 PM
1,4-Dichlorobenzene	ND	0.092	0.50	µg/L	1	11/13/2011 07:51 PM
2,2-Dichloropropane	ND	0.061	0.50	µg/L	1	11/13/2011 07:51 PM
2-Chlorotoluene	ND	0.080	0.50	µg/L	1	11/13/2011 07:51 PM
4-Chlorotoluene	ND	0.10	0.50	µg/L	1	11/13/2011 07:51 PM
4-Isopropyltoluene	ND	0.080	0.50	µg/L	1	11/13/2011 07:51 PM
Benzene	ND	0.075	0.50	µg/L	1	11/13/2011 07:51 PM
Bromobenzene	ND	0.082	0.50	µg/L	1	11/13/2011 07:51 PM
Bromodichloromethane	ND	0.063	0.50	µg/L	1	11/13/2011 07:51 PM
Bromoform	ND	0.086	0.50	µg/L	1	11/13/2011 07:51 PM
Bromomethane	ND	0.13	0.50	µg/L	1	11/13/2011 07:51 PM
Carbon tetrachloride	ND	0.10	0.50	µg/L	1	11/13/2011 07:51 PM
Chlorobenzene	ND	0.092	0.50	µg/L	1	11/13/2011 07:51 PM
Chloroethane	ND	0.14	0.50	µg/L	1	11/13/2011 07:51 PM
Chloroform	2.4	0.058	0.50	µg/L	1	11/13/2011 07:51 PM
Chloromethane	ND	0.054	0.50	µg/L	1	11/13/2011 07:51 PM
cis-1,2-Dichloroethene	ND	0.11	0.50	µg/L	1	11/13/2011 07:51 PM
Dibromochloromethane	ND	0.061	0.50	µg/L	1	11/13/2011 07:51 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



**Advanced Technology
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3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.
Lab Order: N006811
Project: MARYLAND SQUARE SHOPPING CENTER
Lab ID: N006811-004

Client Sample ID: MW-19
Collection Date: 11/10/2011 10:36:00 AM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111113A	QC Batch: D11VW166	PrepDate:	Analyst: QBM			
Dibromomethane	ND	0.15	0.50	µg/L	1	11/13/2011 07:51 PM
Dichlorodifluoromethane	ND	0.12	0.50	µg/L	1	11/13/2011 07:51 PM
Ethylbenzene	ND	0.051	0.50	µg/L	1	11/13/2011 07:51 PM
Hexachlorobutadiene	ND	0.17	0.50	µg/L	1	11/13/2011 07:51 PM
Isopropylbenzene	ND	0.057	0.50	µg/L	1	11/13/2011 07:51 PM
m,p-Xylene	ND	0.17	1.0	µg/L	1	11/13/2011 07:51 PM
Methylene chloride	ND	0.10	1.0	µg/L	1	11/13/2011 07:51 PM
MTBE	ND	0.089	0.50	µg/L	1	11/13/2011 07:51 PM
n-Butylbenzene	ND	0.082	0.50	µg/L	1	11/13/2011 07:51 PM
n-Propylbenzene	ND	0.087	0.50	µg/L	1	11/13/2011 07:51 PM
Naphthalene	ND	0.056	0.50	µg/L	1	11/13/2011 07:51 PM
o-Xylene	ND	0.077	0.50	µg/L	1	11/13/2011 07:51 PM
sec-Butylbenzene	ND	0.098	0.50	µg/L	1	11/13/2011 07:51 PM
Styrene	ND	0.072	0.50	µg/L	1	11/13/2011 07:51 PM
tert-Butylbenzene	ND	0.062	0.50	µg/L	1	11/13/2011 07:51 PM
Tetrachloroethene	1100	1.3	5.0	µg/L	10	11/13/2011 04:45 PM
Toluene	ND	0.12	0.50	µg/L	1	11/13/2011 07:51 PM
trans-1,2-Dichloroethene	ND	0.094	0.50	µg/L	1	11/13/2011 07:51 PM
Trichloroethene	4.2	0.060	0.50	µg/L	1	11/13/2011 07:51 PM
Trichlorofluoromethane	ND	0.097	0.50	µg/L	1	11/13/2011 07:51 PM
Vinyl chloride	ND	0.12	0.50	µg/L	1	11/13/2011 07:51 PM
Surr: 1,2-Dichloroethane-d4	95.4	0	56-120	%REC	10	11/13/2011 04:45 PM
Surr: 1,2-Dichloroethane-d4	89.6	0	56-120	%REC	1	11/13/2011 07:51 PM
Surr: 4-Bromofluorobenzene	103	0	80-120	%REC	1	11/13/2011 07:51 PM
Surr: 4-Bromofluorobenzene	91.6	0	80-120	%REC	10	11/13/2011 04:45 PM
Surr: Dibromofluoromethane	106	0	72-120	%REC	1	11/13/2011 07:51 PM
Surr: Dibromofluoromethane	103	0	72-120	%REC	10	11/13/2011 04:45 PM
Surr: Toluene-d8	107	0	80-123	%REC	1	11/13/2011 07:51 PM
Surr: Toluene-d8	102	0	80-123	%REC	10	11/13/2011 04:45 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



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.
Lab Order: N006811
Project: MARYLAND SQUARE SHOPPING CENTER
Lab ID: N006811-005

Client Sample ID: MW-13
Collection Date: 11/10/2011 11:43:00 AM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111113A	QC Batch: D11VW166	PrepDate:	Analyst: QBM			
1,1,1,2-Tetrachloroethane	ND	0.061	0.50	µg/L	1	11/13/2011 08:14 PM
1,1,1-Trichloroethane	ND	0.068	0.50	µg/L	1	11/13/2011 08:14 PM
1,1,2,2-Tetrachloroethane	ND	0.054	0.50	µg/L	1	11/13/2011 08:14 PM
1,1,2-Trichloroethane	ND	0.083	0.50	µg/L	1	11/13/2011 08:14 PM
1,1-Dichloroethane	ND	0.099	0.50	µg/L	1	11/13/2011 08:14 PM
1,1-Dichloroethene	ND	0.094	0.50	µg/L	1	11/13/2011 08:14 PM
1,1-Dichloropropene	ND	0.082	0.50	µg/L	1	11/13/2011 08:14 PM
1,2,3-Trichlorobenzene	ND	0.10	0.50	µg/L	1	11/13/2011 08:14 PM
1,2,3-Trichloropropane	ND	0.12	0.50	µg/L	1	11/13/2011 08:14 PM
1,2,4-Trichlorobenzene	ND	0.12	0.50	µg/L	1	11/13/2011 08:14 PM
1,2,4-Trimethylbenzene	ND	0.095	0.50	µg/L	1	11/13/2011 08:14 PM
1,2-Dibromo-3-chloropropane	ND	0.15	1.0	µg/L	1	11/13/2011 08:14 PM
1,2-Dibromoethane	ND	0.14	0.50	µg/L	1	11/13/2011 08:14 PM
1,2-Dichlorobenzene	ND	0.070	0.50	µg/L	1	11/13/2011 08:14 PM
1,2-Dichloroethane	ND	0.17	0.50	µg/L	1	11/13/2011 08:14 PM
1,2-Dichloropropane	ND	0.085	0.50	µg/L	1	11/13/2011 08:14 PM
1,3,5-Trimethylbenzene	ND	0.087	0.50	µg/L	1	11/13/2011 08:14 PM
1,3-Dichlorobenzene	ND	0.090	0.50	µg/L	1	11/13/2011 08:14 PM
1,3-Dichloropropane	ND	0.074	0.50	µg/L	1	11/13/2011 08:14 PM
1,4-Dichlorobenzene	ND	0.092	0.50	µg/L	1	11/13/2011 08:14 PM
2,2-Dichloropropane	ND	0.061	0.50	µg/L	1	11/13/2011 08:14 PM
2-Chlorotoluene	ND	0.080	0.50	µg/L	1	11/13/2011 08:14 PM
4-Chlorotoluene	ND	0.10	0.50	µg/L	1	11/13/2011 08:14 PM
4-Isopropyltoluene	ND	0.080	0.50	µg/L	1	11/13/2011 08:14 PM
Benzene	ND	0.075	0.50	µg/L	1	11/13/2011 08:14 PM
Bromobenzene	ND	0.082	0.50	µg/L	1	11/13/2011 08:14 PM
Bromodichloromethane	ND	0.063	0.50	µg/L	1	11/13/2011 08:14 PM
Bromoform	ND	0.086	0.50	µg/L	1	11/13/2011 08:14 PM
Bromomethane	ND	0.13	0.50	µg/L	1	11/13/2011 08:14 PM
Carbon tetrachloride	ND	0.10	0.50	µg/L	1	11/13/2011 08:14 PM
Chlorobenzene	ND	0.092	0.50	µg/L	1	11/13/2011 08:14 PM
Chloroethane	ND	0.14	0.50	µg/L	1	11/13/2011 08:14 PM
Chloroform	4.7	0.058	0.50	µg/L	1	11/13/2011 08:14 PM
Chloromethane	ND	0.054	0.50	µg/L	1	11/13/2011 08:14 PM
cis-1,2-Dichloroethene	ND	0.11	0.50	µg/L	1	11/13/2011 08:14 PM
Dibromochloromethane	ND	0.061	0.50	µg/L	1	11/13/2011 08:14 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



Advanced Technology Laboratories, Inc.

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.
Lab Order: N006811
Project: MARYLAND SQUARE SHOPPING CENTER
Lab ID: N006811-005

Client Sample ID: MW-13
Collection Date: 11/10/2011 11:43:00 AM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111113A	QC Batch: D11VW166	PrepDate:	Analyst: QBM			
Dibromomethane	ND	0.15	0.50	µg/L	1	11/13/2011 08:14 PM
Dichlorodifluoromethane	ND	0.12	0.50	µg/L	1	11/13/2011 08:14 PM
Ethylbenzene	ND	0.051	0.50	µg/L	1	11/13/2011 08:14 PM
Hexachlorobutadiene	ND	0.17	0.50	µg/L	1	11/13/2011 08:14 PM
Isopropylbenzene	ND	0.057	0.50	µg/L	1	11/13/2011 08:14 PM
m,p-Xylene	ND	0.17	1.0	µg/L	1	11/13/2011 08:14 PM
Methylene chloride	ND	0.10	1.0	µg/L	1	11/13/2011 08:14 PM
MTBE	ND	0.089	0.50	µg/L	1	11/13/2011 08:14 PM
n-Butylbenzene	ND	0.082	0.50	µg/L	1	11/13/2011 08:14 PM
n-Propylbenzene	ND	0.087	0.50	µg/L	1	11/13/2011 08:14 PM
Naphthalene	ND	0.056	0.50	µg/L	1	11/13/2011 08:14 PM
o-Xylene	ND	0.077	0.50	µg/L	1	11/13/2011 08:14 PM
sec-Butylbenzene	ND	0.098	0.50	µg/L	1	11/13/2011 08:14 PM
Styrene	ND	0.072	0.50	µg/L	1	11/13/2011 08:14 PM
tert-Butylbenzene	ND	0.062	0.50	µg/L	1	11/13/2011 08:14 PM
Tetrachloroethene	1700	2.6	10	µg/L	20	11/13/2011 05:08 PM
Toluene	ND	0.12	0.50	µg/L	1	11/13/2011 08:14 PM
trans-1,2-Dichloroethene	ND	0.094	0.50	µg/L	1	11/13/2011 08:14 PM
Trichloroethene	2.4	0.060	0.50	µg/L	1	11/13/2011 08:14 PM
Trichlorofluoromethane	ND	0.097	0.50	µg/L	1	11/13/2011 08:14 PM
Vinyl chloride	ND	0.12	0.50	µg/L	1	11/13/2011 08:14 PM
Surr: 1,2-Dichloroethane-d4	106	0	56-120	%REC	20	11/13/2011 05:08 PM
Surr: 1,2-Dichloroethane-d4	90.7	0	56-120	%REC	1	11/13/2011 08:14 PM
Surr: 4-Bromofluorobenzene	102	0	80-120	%REC	20	11/13/2011 05:08 PM
Surr: 4-Bromofluorobenzene	100	0	80-120	%REC	1	11/13/2011 08:14 PM
Surr: Dibromofluoromethane	107	0	72-120	%REC	1	11/13/2011 08:14 PM
Surr: Dibromofluoromethane	113	0	72-120	%REC	20	11/13/2011 05:08 PM
Surr: Toluene-d8	102	0	80-123	%REC	1	11/13/2011 08:14 PM
Surr: Toluene-d8	115	0	80-123	%REC	20	11/13/2011 05:08 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



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.
Lab Order: N006811
Project: MARYLAND SQUARE SHOPPING CENTER
Lab ID: N006811-006

Client Sample ID: MW-14
Collection Date: 11/10/2011 12:34:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111113A	QC Batch: D11VW166	PrepDate:	Analyst: QBM			
1,1,1,2-Tetrachloroethane	ND	0.061	0.50	µg/L	1	11/13/2011 08:38 PM
1,1,1-Trichloroethane	ND	0.068	0.50	µg/L	1	11/13/2011 08:38 PM
1,1,2,2-Tetrachloroethane	ND	0.054	0.50	µg/L	1	11/13/2011 08:38 PM
1,1,2-Trichloroethane	ND	0.083	0.50	µg/L	1	11/13/2011 08:38 PM
1,1-Dichloroethane	ND	0.099	0.50	µg/L	1	11/13/2011 08:38 PM
1,1-Dichloroethene	ND	0.094	0.50	µg/L	1	11/13/2011 08:38 PM
1,1-Dichloropropene	ND	0.082	0.50	µg/L	1	11/13/2011 08:38 PM
1,2,3-Trichlorobenzene	ND	0.10	0.50	µg/L	1	11/13/2011 08:38 PM
1,2,3-Trichloropropane	ND	0.12	0.50	µg/L	1	11/13/2011 08:38 PM
1,2,4-Trichlorobenzene	ND	0.12	0.50	µg/L	1	11/13/2011 08:38 PM
1,2,4-Trimethylbenzene	ND	0.095	0.50	µg/L	1	11/13/2011 08:38 PM
1,2-Dibromo-3-chloropropane	ND	0.15	1.0	µg/L	1	11/13/2011 08:38 PM
1,2-Dibromoethane	ND	0.14	0.50	µg/L	1	11/13/2011 08:38 PM
1,2-Dichlorobenzene	ND	0.070	0.50	µg/L	1	11/13/2011 08:38 PM
1,2-Dichloroethane	ND	0.17	0.50	µg/L	1	11/13/2011 08:38 PM
1,2-Dichloropropane	ND	0.085	0.50	µg/L	1	11/13/2011 08:38 PM
1,3,5-Trimethylbenzene	ND	0.087	0.50	µg/L	1	11/13/2011 08:38 PM
1,3-Dichlorobenzene	ND	0.090	0.50	µg/L	1	11/13/2011 08:38 PM
1,3-Dichloropropane	ND	0.074	0.50	µg/L	1	11/13/2011 08:38 PM
1,4-Dichlorobenzene	ND	0.092	0.50	µg/L	1	11/13/2011 08:38 PM
2,2-Dichloropropane	ND	0.061	0.50	µg/L	1	11/13/2011 08:38 PM
2-Chlorotoluene	ND	0.080	0.50	µg/L	1	11/13/2011 08:38 PM
4-Chlorotoluene	ND	0.10	0.50	µg/L	1	11/13/2011 08:38 PM
4-Isopropyltoluene	ND	0.080	0.50	µg/L	1	11/13/2011 08:38 PM
Benzene	ND	0.075	0.50	µg/L	1	11/13/2011 08:38 PM
Bromobenzene	ND	0.082	0.50	µg/L	1	11/13/2011 08:38 PM
Bromodichloromethane	ND	0.063	0.50	µg/L	1	11/13/2011 08:38 PM
Bromoform	ND	0.086	0.50	µg/L	1	11/13/2011 08:38 PM
Bromomethane	ND	0.13	0.50	µg/L	1	11/13/2011 08:38 PM
Carbon tetrachloride	ND	0.10	0.50	µg/L	1	11/13/2011 08:38 PM
Chlorobenzene	ND	0.092	0.50	µg/L	1	11/13/2011 08:38 PM
Chloroethane	ND	0.14	0.50	µg/L	1	11/13/2011 08:38 PM
Chloroform	1.9	0.058	0.50	µg/L	1	11/13/2011 08:38 PM
Chloromethane	ND	0.054	0.50	µg/L	1	11/13/2011 08:38 PM
cis-1,2-Dichloroethene	ND	0.11	0.50	µg/L	1	11/13/2011 08:38 PM
Dibromochloromethane	ND	0.061	0.50	µg/L	1	11/13/2011 08:38 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



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** MW-14
Lab Order: N006811 **Collection Date:** 11/10/2011 12:34:00 PM
Project: MARYLAND SQUARE SHOPPING CENTER **Matrix:** WATER
Lab ID: N006811-006

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111113A	QC Batch: D11VW166	PrepDate:	Analyst: QBM			
Dibromomethane	ND	0.15	0.50	µg/L	1	11/13/2011 08:38 PM
Dichlorodifluoromethane	ND	0.12	0.50	µg/L	1	11/13/2011 08:38 PM
Ethylbenzene	ND	0.051	0.50	µg/L	1	11/13/2011 08:38 PM
Hexachlorobutadiene	ND	0.17	0.50	µg/L	1	11/13/2011 08:38 PM
Isopropylbenzene	ND	0.057	0.50	µg/L	1	11/13/2011 08:38 PM
m,p-Xylene	ND	0.17	1.0	µg/L	1	11/13/2011 08:38 PM
Methylene chloride	ND	0.10	1.0	µg/L	1	11/13/2011 08:38 PM
MTBE	ND	0.089	0.50	µg/L	1	11/13/2011 08:38 PM
n-Butylbenzene	ND	0.082	0.50	µg/L	1	11/13/2011 08:38 PM
n-Propylbenzene	ND	0.087	0.50	µg/L	1	11/13/2011 08:38 PM
Naphthalene	ND	0.056	0.50	µg/L	1	11/13/2011 08:38 PM
o-Xylene	ND	0.077	0.50	µg/L	1	11/13/2011 08:38 PM
sec-Butylbenzene	ND	0.098	0.50	µg/L	1	11/13/2011 08:38 PM
Styrene	ND	0.072	0.50	µg/L	1	11/13/2011 08:38 PM
tert-Butylbenzene	ND	0.062	0.50	µg/L	1	11/13/2011 08:38 PM
Tetrachloroethene	1700	2.6	10	µg/L	20	11/13/2011 05:32 PM
Toluene	ND	0.12	0.50	µg/L	1	11/13/2011 08:38 PM
trans-1,2-Dichloroethene	ND	0.094	0.50	µg/L	1	11/13/2011 08:38 PM
Trichloroethene	2.5	0.060	0.50	µg/L	1	11/13/2011 08:38 PM
Trichlorofluoromethane	ND	0.097	0.50	µg/L	1	11/13/2011 08:38 PM
Vinyl chloride	ND	0.12	0.50	µg/L	1	11/13/2011 08:38 PM
Surr: 1,2-Dichloroethane-d4	102	0	56-120	%REC	20	11/13/2011 05:32 PM
Surr: 1,2-Dichloroethane-d4	88.8	0	56-120	%REC	1	11/13/2011 08:38 PM
Surr: 4-Bromofluorobenzene	95.3	0	80-120	%REC	1	11/13/2011 08:38 PM
Surr: 4-Bromofluorobenzene	101	0	80-120	%REC	20	11/13/2011 05:32 PM
Surr: Dibromofluoromethane	101	0	72-120	%REC	1	11/13/2011 08:38 PM
Surr: Dibromofluoromethane	112	0	72-120	%REC	20	11/13/2011 05:32 PM
Surr: Toluene-d8	97.7	0	80-123	%REC	1	11/13/2011 08:38 PM
Surr: Toluene-d8	114	0	80-123	%REC	20	11/13/2011 05:32 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



Advanced Technology Laboratories, Inc.

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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.	Client Sample ID: MW-6
Lab Order: N006811	Collection Date: 11/10/2011 1:20:00 PM
Project: MARYLAND SQUARE SHOPPING CENTER	Matrix: WATER
Lab ID: N006811-007	

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111114A	QC Batch: D11VW167	PrepDate:	Analyst: QBM			
1,1,1,2-Tetrachloroethane	ND	0.061	0.50	µg/L	1	11/14/2011 07:41 PM
1,1,1-Trichloroethane	ND	0.068	0.50	µg/L	1	11/14/2011 07:41 PM
1,1,2,2-Tetrachloroethane	ND	0.054	0.50	µg/L	1	11/14/2011 07:41 PM
1,1,2-Trichloroethane	ND	0.083	0.50	µg/L	1	11/14/2011 07:41 PM
1,1-Dichloroethane	ND	0.099	0.50	µg/L	1	11/14/2011 07:41 PM
1,1-Dichloroethene	ND	0.094	0.50	µg/L	1	11/14/2011 07:41 PM
1,1-Dichloropropene	ND	0.082	0.50	µg/L	1	11/14/2011 07:41 PM
1,2,3-Trichlorobenzene	ND	0.10	0.50	µg/L	1	11/14/2011 07:41 PM
1,2,3-Trichloropropane	ND	0.12	0.50	µg/L	1	11/14/2011 07:41 PM
1,2,4-Trichlorobenzene	ND	0.12	0.50	µg/L	1	11/14/2011 07:41 PM
1,2,4-Trimethylbenzene	ND	0.095	0.50	µg/L	1	11/14/2011 07:41 PM
1,2-Dibromo-3-chloropropane	ND	0.15	1.0	µg/L	1	11/14/2011 07:41 PM
1,2-Dibromoethane	ND	0.14	0.50	µg/L	1	11/14/2011 07:41 PM
1,2-Dichlorobenzene	ND	0.070	0.50	µg/L	1	11/14/2011 07:41 PM
1,2-Dichloroethane	ND	0.17	0.50	µg/L	1	11/14/2011 07:41 PM
1,2-Dichloropropane	ND	0.085	0.50	µg/L	1	11/14/2011 07:41 PM
1,3,5-Trimethylbenzene	ND	0.087	0.50	µg/L	1	11/14/2011 07:41 PM
1,3-Dichlorobenzene	ND	0.090	0.50	µg/L	1	11/14/2011 07:41 PM
1,3-Dichloropropane	ND	0.074	0.50	µg/L	1	11/14/2011 07:41 PM
1,4-Dichlorobenzene	ND	0.092	0.50	µg/L	1	11/14/2011 07:41 PM
2,2-Dichloropropane	ND	0.061	0.50	µg/L	1	11/14/2011 07:41 PM
2-Chlorotoluene	ND	0.080	0.50	µg/L	1	11/14/2011 07:41 PM
4-Chlorotoluene	ND	0.10	0.50	µg/L	1	11/14/2011 07:41 PM
4-Isopropyltoluene	ND	0.080	0.50	µg/L	1	11/14/2011 07:41 PM
Benzene	ND	0.075	0.50	µg/L	1	11/14/2011 07:41 PM
Bromobenzene	ND	0.082	0.50	µg/L	1	11/14/2011 07:41 PM
Bromodichloromethane	ND	0.063	0.50	µg/L	1	11/14/2011 07:41 PM
Bromoform	ND	0.086	0.50	µg/L	1	11/14/2011 07:41 PM
Bromomethane	ND	0.13	0.50	µg/L	1	11/14/2011 07:41 PM
Carbon tetrachloride	ND	0.10	0.50	µg/L	1	11/14/2011 07:41 PM
Chlorobenzene	ND	0.092	0.50	µg/L	1	11/14/2011 07:41 PM
Chloroethane	ND	0.14	0.50	µg/L	1	11/14/2011 07:41 PM
Chloroform	4.0	0.058	0.50	µg/L	1	11/14/2011 07:41 PM
Chloromethane	ND	0.054	0.50	µg/L	1	11/14/2011 07:41 PM
cis-1,2-Dichloroethene	5.6	0.11	0.50	µg/L	1	11/14/2011 07:41 PM
Dibromochloromethane	ND	0.061	0.50	µg/L	1	11/14/2011 07:41 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



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.
Lab Order: N006811
Project: MARYLAND SQUARE SHOPPING CENTER
Lab ID: N006811-007

Client Sample ID: MW-6
Collection Date: 11/10/2011 1:20:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111114A	QC Batch: D11VW167	PrepDate:	Analyst: QBM			
Dibromomethane	ND	0.15	0.50	µg/L	1	11/14/2011 07:41 PM
Dichlorodifluoromethane	ND	0.12	0.50	µg/L	1	11/14/2011 07:41 PM
Ethylbenzene	ND	0.051	0.50	µg/L	1	11/14/2011 07:41 PM
Hexachlorobutadiene	ND	0.17	0.50	µg/L	1	11/14/2011 07:41 PM
Isopropylbenzene	ND	0.057	0.50	µg/L	1	11/14/2011 07:41 PM
m,p-Xylene	ND	0.17	1.0	µg/L	1	11/14/2011 07:41 PM
Methylene chloride	ND	0.10	1.0	µg/L	1	11/14/2011 07:41 PM
MTBE	ND	0.089	0.50	µg/L	1	11/14/2011 07:41 PM
n-Butylbenzene	ND	0.082	0.50	µg/L	1	11/14/2011 07:41 PM
n-Propylbenzene	ND	0.087	0.50	µg/L	1	11/14/2011 07:41 PM
Naphthalene	ND	0.056	0.50	µg/L	1	11/14/2011 07:41 PM
o-Xylene	ND	0.077	0.50	µg/L	1	11/14/2011 07:41 PM
sec-Butylbenzene	ND	0.098	0.50	µg/L	1	11/14/2011 07:41 PM
Styrene	ND	0.072	0.50	µg/L	1	11/14/2011 07:41 PM
tert-Butylbenzene	ND	0.062	0.50	µg/L	1	11/14/2011 07:41 PM
Tetrachloroethene	2900	2.6	10	µg/L	20	11/13/2011 05:55 PM
Toluene	ND	0.12	0.50	µg/L	1	11/14/2011 07:41 PM
trans-1,2-Dichloroethene	ND	0.094	0.50	µg/L	1	11/14/2011 07:41 PM
Trichloroethene	12	0.060	0.50	µg/L	1	11/14/2011 07:41 PM
Trichlorofluoromethane	ND	0.097	0.50	µg/L	1	11/14/2011 07:41 PM
Vinyl chloride	ND	0.12	0.50	µg/L	1	11/14/2011 07:41 PM
Surr: 1,2-Dichloroethane-d4	100	0	56-120	%REC	20	11/13/2011 05:55 PM
Surr: 1,2-Dichloroethane-d4	92.2	0	56-120	%REC	1	11/14/2011 07:41 PM
Surr: 4-Bromofluorobenzene	95.7	0	80-120	%REC	1	11/14/2011 07:41 PM
Surr: 4-Bromofluorobenzene	101	0	80-120	%REC	20	11/13/2011 05:55 PM
Surr: Dibromofluoromethane	110	0	72-120	%REC	1	11/14/2011 07:41 PM
Surr: Dibromofluoromethane	110	0	72-120	%REC	20	11/13/2011 05:55 PM
Surr: Toluene-d8	94.4	0	80-123	%REC	1	11/14/2011 07:41 PM
Surr: Toluene-d8	112	0	80-123	%REC	20	11/13/2011 05:55 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



Advanced Technology Laboratories, Inc.

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.
Lab Order: N006811
Project: MARYLAND SQUARE SHOPPING CENTER
Lab ID: N006811-008

Client Sample ID: MW-11
Collection Date: 11/10/2011 2:30:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111114A	QC Batch: D11VW167	PrepDate:	Analyst: QBM
1,1,1,2-Tetrachloroethane	ND 0.061	0.50	µg/L 1 11/14/2011 06:29 PM
1,1,1-Trichloroethane	ND 0.068	0.50	µg/L 1 11/14/2011 06:29 PM
1,1,2,2-Tetrachloroethane	ND 0.054	0.50	µg/L 1 11/14/2011 06:29 PM
1,1,2-Trichloroethane	ND 0.083	0.50	µg/L 1 11/14/2011 06:29 PM
1,1-Dichloroethane	ND 0.099	0.50	µg/L 1 11/14/2011 06:29 PM
1,1-Dichloroethene	ND 0.094	0.50	µg/L 1 11/14/2011 06:29 PM
1,1-Dichloropropene	ND 0.082	0.50	µg/L 1 11/14/2011 06:29 PM
1,2,3-Trichlorobenzene	ND 0.10	0.50	µg/L 1 11/14/2011 06:29 PM
1,2,3-Trichloropropane	ND 0.12	0.50	µg/L 1 11/14/2011 06:29 PM
1,2,4-Trichlorobenzene	ND 0.12	0.50	µg/L 1 11/14/2011 06:29 PM
1,2,4-Trimethylbenzene	ND 0.095	0.50	µg/L 1 11/14/2011 06:29 PM
1,2-Dibromo-3-chloropropane	ND 0.15	1.0	µg/L 1 11/14/2011 06:29 PM
1,2-Dibromoethane	ND 0.14	0.50	µg/L 1 11/14/2011 06:29 PM
1,2-Dichlorobenzene	ND 0.070	0.50	µg/L 1 11/14/2011 06:29 PM
1,2-Dichloroethane	ND 0.17	0.50	µg/L 1 11/14/2011 06:29 PM
1,2-Dichloropropane	ND 0.085	0.50	µg/L 1 11/14/2011 06:29 PM
1,3,5-Trimethylbenzene	ND 0.087	0.50	µg/L 1 11/14/2011 06:29 PM
1,3-Dichlorobenzene	ND 0.090	0.50	µg/L 1 11/14/2011 06:29 PM
1,3-Dichloropropane	ND 0.074	0.50	µg/L 1 11/14/2011 06:29 PM
1,4-Dichlorobenzene	ND 0.092	0.50	µg/L 1 11/14/2011 06:29 PM
2,2-Dichloropropane	ND 0.061	0.50	µg/L 1 11/14/2011 06:29 PM
2-Chlorotoluene	ND 0.080	0.50	µg/L 1 11/14/2011 06:29 PM
4-Chlorotoluene	ND 0.10	0.50	µg/L 1 11/14/2011 06:29 PM
4-Isopropyltoluene	ND 0.080	0.50	µg/L 1 11/14/2011 06:29 PM
Benzene	6.0 0.075	0.50	µg/L 1 11/14/2011 06:29 PM
Bromobenzene	ND 0.082	0.50	µg/L 1 11/14/2011 06:29 PM
Bromodichloromethane	ND 0.063	0.50	µg/L 1 11/14/2011 06:29 PM
Bromoform	ND 0.086	0.50	µg/L 1 11/14/2011 06:29 PM
Bromomethane	ND 0.13	0.50	µg/L 1 11/14/2011 06:29 PM
Carbon tetrachloride	ND 0.10	0.50	µg/L 1 11/14/2011 06:29 PM
Chlorobenzene	ND 0.092	0.50	µg/L 1 11/14/2011 06:29 PM
Chloroethane	ND 0.14	0.50	µg/L 1 11/14/2011 06:29 PM
Chloroform	ND 0.058	0.50	µg/L 1 11/14/2011 06:29 PM
Chloromethane	ND 0.054	0.50	µg/L 1 11/14/2011 06:29 PM
cis-1,2-Dichloroethene	ND 0.11	0.50	µg/L 1 11/14/2011 06:29 PM
Dibromochloromethane	ND 0.061	0.50	µg/L 1 11/14/2011 06:29 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



**Advanced Technology
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3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.
Lab Order: N006811
Project: MARYLAND SQUARE SHOPPING CENTER
Lab ID: N006811-008

Client Sample ID: MW-11
Collection Date: 11/10/2011 2:30:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111114A	QC Batch: D11VW167	PrepDate:	Analyst: QBM			
Dibromomethane	ND	0.15	0.50	µg/L	1	11/14/2011 06:29 PM
Dichlorodifluoromethane	ND	0.12	0.50	µg/L	1	11/14/2011 06:29 PM
Ethylbenzene	ND	0.051	0.50	µg/L	1	11/14/2011 06:29 PM
Hexachlorobutadiene	ND	0.17	0.50	µg/L	1	11/14/2011 06:29 PM
Isopropylbenzene	2.4	0.057	0.50	µg/L	1	11/14/2011 06:29 PM
m,p-Xylene	ND	0.17	1.0	µg/L	1	11/14/2011 06:29 PM
Methylene chloride	ND	0.10	1.0	µg/L	1	11/14/2011 06:29 PM
MTBE	ND	0.089	0.50	µg/L	1	11/14/2011 06:29 PM
n-Butylbenzene	ND	0.082	0.50	µg/L	1	11/14/2011 06:29 PM
n-Propylbenzene	ND	0.087	0.50	µg/L	1	11/14/2011 06:29 PM
Naphthalene	ND	0.056	0.50	µg/L	1	11/14/2011 06:29 PM
o-Xylene	ND	0.077	0.50	µg/L	1	11/14/2011 06:29 PM
sec-Butylbenzene	0.96	0.098	0.50	µg/L	1	11/14/2011 06:29 PM
Styrene	ND	0.072	0.50	µg/L	1	11/14/2011 06:29 PM
tert-Butylbenzene	ND	0.062	0.50	µg/L	1	11/14/2011 06:29 PM
Tetrachloroethene	1.4	0.13	0.50	µg/L	1	11/14/2011 06:29 PM
Toluene	ND	0.12	0.50	µg/L	1	11/14/2011 06:29 PM
trans-1,2-Dichloroethene	ND	0.094	0.50	µg/L	1	11/14/2011 06:29 PM
Trichloroethene	ND	0.060	0.50	µg/L	1	11/14/2011 06:29 PM
Trichlorofluoromethane	ND	0.097	0.50	µg/L	1	11/14/2011 06:29 PM
Vinyl chloride	ND	0.12	0.50	µg/L	1	11/14/2011 06:29 PM
Surr: 1,2-Dichloroethane-d4	91.4	0	56-120	%REC	1	11/14/2011 06:29 PM
Surr: 4-Bromofluorobenzene	99.3	0	80-120	%REC	1	11/14/2011 06:29 PM
Surr: Dibromofluoromethane	111	0	72-120	%REC	1	11/14/2011 06:29 PM
Surr: Toluene-d8	110	0	80-123	%REC	1	11/14/2011 06:29 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



**Advanced Technology
Laboratories, Inc.**

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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.
Lab Order: N006811
Project: MARYLAND SQUARE SHOPPING CENTER
Lab ID: N006811-009

Client Sample ID: RINSE AID
Collection Date: 11/10/2011 1:50:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111113A	QC Batch: D11VW166	PrepDate:	Analyst: QBM			
1,1,1,2-Tetrachloroethane	ND	0.061	0.50	µg/L	1	11/13/2011 12:10 PM
1,1,1-Trichloroethane	ND	0.068	0.50	µg/L	1	11/13/2011 12:10 PM
1,1,2,2-Tetrachloroethane	ND	0.054	0.50	µg/L	1	11/13/2011 12:10 PM
1,1,2-Trichloroethane	ND	0.083	0.50	µg/L	1	11/13/2011 12:10 PM
1,1-Dichloroethane	ND	0.099	0.50	µg/L	1	11/13/2011 12:10 PM
1,1-Dichloroethene	ND	0.094	0.50	µg/L	1	11/13/2011 12:10 PM
1,1-Dichloropropene	ND	0.082	0.50	µg/L	1	11/13/2011 12:10 PM
1,2,3-Trichlorobenzene	ND	0.10	0.50	µg/L	1	11/13/2011 12:10 PM
1,2,3-Trichloropropane	ND	0.12	0.50	µg/L	1	11/13/2011 12:10 PM
1,2,4-Trichlorobenzene	ND	0.12	0.50	µg/L	1	11/13/2011 12:10 PM
1,2,4-Trimethylbenzene	ND	0.095	0.50	µg/L	1	11/13/2011 12:10 PM
1,2-Dibromo-3-chloropropane	ND	0.15	1.0	µg/L	1	11/13/2011 12:10 PM
1,2-Dibromoethane	ND	0.14	0.50	µg/L	1	11/13/2011 12:10 PM
1,2-Dichlorobenzene	ND	0.070	0.50	µg/L	1	11/13/2011 12:10 PM
1,2-Dichloroethane	ND	0.17	0.50	µg/L	1	11/13/2011 12:10 PM
1,2-Dichloropropane	ND	0.085	0.50	µg/L	1	11/13/2011 12:10 PM
1,3,5-Trimethylbenzene	ND	0.087	0.50	µg/L	1	11/13/2011 12:10 PM
1,3-Dichlorobenzene	ND	0.090	0.50	µg/L	1	11/13/2011 12:10 PM
1,3-Dichloropropane	ND	0.074	0.50	µg/L	1	11/13/2011 12:10 PM
1,4-Dichlorobenzene	ND	0.092	0.50	µg/L	1	11/13/2011 12:10 PM
2,2-Dichloropropane	ND	0.061	0.50	µg/L	1	11/13/2011 12:10 PM
2-Chlorotoluene	ND	0.080	0.50	µg/L	1	11/13/2011 12:10 PM
4-Chlorotoluene	ND	0.10	0.50	µg/L	1	11/13/2011 12:10 PM
4-Isopropyltoluene	ND	0.080	0.50	µg/L	1	11/13/2011 12:10 PM
Benzene	ND	0.075	0.50	µg/L	1	11/13/2011 12:10 PM
Bromobenzene	ND	0.082	0.50	µg/L	1	11/13/2011 12:10 PM
Bromodichloromethane	ND	0.063	0.50	µg/L	1	11/13/2011 12:10 PM
Bromoform	ND	0.086	0.50	µg/L	1	11/13/2011 12:10 PM
Bromomethane	ND	0.13	0.50	µg/L	1	11/13/2011 12:10 PM
Carbon tetrachloride	ND	0.10	0.50	µg/L	1	11/13/2011 12:10 PM
Chlorobenzene	ND	0.092	0.50	µg/L	1	11/13/2011 12:10 PM
Chloroethane	ND	0.14	0.50	µg/L	1	11/13/2011 12:10 PM
Chloroform	ND	0.058	0.50	µg/L	1	11/13/2011 12:10 PM
Chloromethane	ND	0.054	0.50	µg/L	1	11/13/2011 12:10 PM
cis-1,2-Dichloroethene	ND	0.11	0.50	µg/L	1	11/13/2011 12:10 PM
Dibromochloromethane	ND	0.061	0.50	µg/L	1	11/13/2011 12:10 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



Advanced Technology Laboratories, Inc.

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.
Lab Order: N006811
Project: MARYLAND SQUARE SHOPPING CENTER
Lab ID: N006811-009

Client Sample ID: RINSE AID
Collection Date: 11/10/2011 1:50:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111113A	QC Batch: D11VW166	PrepDate:	Analyst: QBM			
Dibromomethane	ND	0.15	0.50	µg/L	1	11/13/2011 12:10 PM
Dichlorodifluoromethane	ND	0.12	0.50	µg/L	1	11/13/2011 12:10 PM
Ethylbenzene	ND	0.051	0.50	µg/L	1	11/13/2011 12:10 PM
Hexachlorobutadiene	ND	0.17	0.50	µg/L	1	11/13/2011 12:10 PM
Isopropylbenzene	ND	0.057	0.50	µg/L	1	11/13/2011 12:10 PM
m,p-Xylene	ND	0.17	1.0	µg/L	1	11/13/2011 12:10 PM
Methylene chloride	2.0	0.10	1.0	µg/L	1	11/13/2011 12:10 PM
MTBE	ND	0.089	0.50	µg/L	1	11/13/2011 12:10 PM
n-Butylbenzene	ND	0.082	0.50	µg/L	1	11/13/2011 12:10 PM
n-Propylbenzene	ND	0.087	0.50	µg/L	1	11/13/2011 12:10 PM
Naphthalene	ND	0.056	0.50	µg/L	1	11/13/2011 12:10 PM
o-Xylene	ND	0.077	0.50	µg/L	1	11/13/2011 12:10 PM
sec-Butylbenzene	ND	0.098	0.50	µg/L	1	11/13/2011 12:10 PM
Styrene	ND	0.072	0.50	µg/L	1	11/13/2011 12:10 PM
tert-Butylbenzene	ND	0.062	0.50	µg/L	1	11/13/2011 12:10 PM
Tetrachloroethene	0.80	0.13	0.50	µg/L	1	11/13/2011 12:10 PM
Toluene	ND	0.12	0.50	µg/L	1	11/13/2011 12:10 PM
trans-1,2-Dichloroethene	ND	0.094	0.50	µg/L	1	11/13/2011 12:10 PM
Trichloroethene	ND	0.060	0.50	µg/L	1	11/13/2011 12:10 PM
Trichlorofluoromethane	ND	0.097	0.50	µg/L	1	11/13/2011 12:10 PM
Vinyl chloride	ND	0.12	0.50	µg/L	1	11/13/2011 12:10 PM
Surr: 1,2-Dichloroethane-d4	83.2	0	56-120	%REC	1	11/13/2011 12:10 PM
Surr: 4-Bromofluorobenzene	100	0	80-120	%REC	1	11/13/2011 12:10 PM
Surr: Dibromofluoromethane	98.3	0	72-120	%REC	1	11/13/2011 12:10 PM
Surr: Toluene-d8	108	0	80-123	%REC	1	11/13/2011 12:10 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



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.
Lab Order: N006811
Project: MARYLAND SQUARE SHOPPING CENTER
Lab ID: N006811-010

Client Sample ID: FIELD BLANK
Collection Date: 11/10/2011 2:40:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111113A	QC Batch: D11VW166	PrepDate:	Analyst: QBM
1,1,1,2-Tetrachloroethane	ND 0.061	0.50	µg/L 1 11/13/2011 12:32 PM
1,1,1-Trichloroethane	ND 0.068	0.50	µg/L 1 11/13/2011 12:32 PM
1,1,2,2-Tetrachloroethane	ND 0.054	0.50	µg/L 1 11/13/2011 12:32 PM
1,1,2-Trichloroethane	ND 0.083	0.50	µg/L 1 11/13/2011 12:32 PM
1,1-Dichloroethane	ND 0.099	0.50	µg/L 1 11/13/2011 12:32 PM
1,1-Dichloroethene	ND 0.094	0.50	µg/L 1 11/13/2011 12:32 PM
1,1-Dichloropropene	ND 0.082	0.50	µg/L 1 11/13/2011 12:32 PM
1,2,3-Trichlorobenzene	ND 0.10	0.50	µg/L 1 11/13/2011 12:32 PM
1,2,3-Trichloropropane	ND 0.12	0.50	µg/L 1 11/13/2011 12:32 PM
1,2,4-Trichlorobenzene	ND 0.12	0.50	µg/L 1 11/13/2011 12:32 PM
1,2,4-Trimethylbenzene	ND 0.095	0.50	µg/L 1 11/13/2011 12:32 PM
1,2-Dibromo-3-chloropropane	ND 0.15	1.0	µg/L 1 11/13/2011 12:32 PM
1,2-Dibromoethane	ND 0.14	0.50	µg/L 1 11/13/2011 12:32 PM
1,2-Dichlorobenzene	ND 0.070	0.50	µg/L 1 11/13/2011 12:32 PM
1,2-Dichloroethane	ND 0.17	0.50	µg/L 1 11/13/2011 12:32 PM
1,2-Dichloropropane	ND 0.085	0.50	µg/L 1 11/13/2011 12:32 PM
1,3,5-Trimethylbenzene	ND 0.087	0.50	µg/L 1 11/13/2011 12:32 PM
1,3-Dichlorobenzene	ND 0.090	0.50	µg/L 1 11/13/2011 12:32 PM
1,3-Dichloropropane	ND 0.074	0.50	µg/L 1 11/13/2011 12:32 PM
1,4-Dichlorobenzene	ND 0.092	0.50	µg/L 1 11/13/2011 12:32 PM
2,2-Dichloropropane	ND 0.061	0.50	µg/L 1 11/13/2011 12:32 PM
2-Chlorotoluene	ND 0.080	0.50	µg/L 1 11/13/2011 12:32 PM
4-Chlorotoluene	ND 0.10	0.50	µg/L 1 11/13/2011 12:32 PM
4-Isopropyltoluene	ND 0.080	0.50	µg/L 1 11/13/2011 12:32 PM
Benzene	ND 0.075	0.50	µg/L 1 11/13/2011 12:32 PM
Bromobenzene	ND 0.082	0.50	µg/L 1 11/13/2011 12:32 PM
Bromodichloromethane	ND 0.063	0.50	µg/L 1 11/13/2011 12:32 PM
Bromoform	ND 0.086	0.50	µg/L 1 11/13/2011 12:32 PM
Bromomethane	ND 0.13	0.50	µg/L 1 11/13/2011 12:32 PM
Carbon tetrachloride	ND 0.10	0.50	µg/L 1 11/13/2011 12:32 PM
Chlorobenzene	ND 0.092	0.50	µg/L 1 11/13/2011 12:32 PM
Chloroethane	ND 0.14	0.50	µg/L 1 11/13/2011 12:32 PM
Chloroform	ND 0.058	0.50	µg/L 1 11/13/2011 12:32 PM
Chloromethane	ND 0.054	0.50	µg/L 1 11/13/2011 12:32 PM
cis-1,2-Dichloroethene	ND 0.11	0.50	µg/L 1 11/13/2011 12:32 PM
Dibromochloromethane	ND 0.061	0.50	µg/L 1 11/13/2011 12:32 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



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.
Lab Order: N006811
Project: MARYLAND SQUARE SHOPPING CENTER
Lab ID: N006811-010

Client Sample ID: FIELD BLANK
Collection Date: 11/10/2011 2:40:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111113A	QC Batch: D11VW166	PrepDate:	Analyst: QBM			
Dibromomethane	ND	0.15	0.50	µg/L	1	11/13/2011 12:32 PM
Dichlorodifluoromethane	ND	0.12	0.50	µg/L	1	11/13/2011 12:32 PM
Ethylbenzene	ND	0.051	0.50	µg/L	1	11/13/2011 12:32 PM
Hexachlorobutadiene	ND	0.17	0.50	µg/L	1	11/13/2011 12:32 PM
Isopropylbenzene	ND	0.057	0.50	µg/L	1	11/13/2011 12:32 PM
m,p-Xylene	ND	0.17	1.0	µg/L	1	11/13/2011 12:32 PM
Methylene chloride	2.8	0.10	1.0	µg/L	1	11/13/2011 12:32 PM
MTBE	ND	0.089	0.50	µg/L	1	11/13/2011 12:32 PM
n-Butylbenzene	ND	0.082	0.50	µg/L	1	11/13/2011 12:32 PM
n-Propylbenzene	ND	0.087	0.50	µg/L	1	11/13/2011 12:32 PM
Naphthalene	ND	0.056	0.50	µg/L	1	11/13/2011 12:32 PM
o-Xylene	ND	0.077	0.50	µg/L	1	11/13/2011 12:32 PM
sec-Butylbenzene	ND	0.098	0.50	µg/L	1	11/13/2011 12:32 PM
Styrene	ND	0.072	0.50	µg/L	1	11/13/2011 12:32 PM
tert-Butylbenzene	ND	0.062	0.50	µg/L	1	11/13/2011 12:32 PM
Tetrachloroethene	ND	0.13	0.50	µg/L	1	11/13/2011 12:32 PM
Toluene	ND	0.12	0.50	µg/L	1	11/13/2011 12:32 PM
trans-1,2-Dichloroethene	ND	0.094	0.50	µg/L	1	11/13/2011 12:32 PM
Trichloroethene	ND	0.060	0.50	µg/L	1	11/13/2011 12:32 PM
Trichlorofluoromethane	ND	0.097	0.50	µg/L	1	11/13/2011 12:32 PM
Vinyl chloride	ND	0.12	0.50	µg/L	1	11/13/2011 12:32 PM
Surr: 1,2-Dichloroethane-d4	77.4	0	56-120	%REC	1	11/13/2011 12:32 PM
Surr: 4-Bromofluorobenzene	93.2	0	80-120	%REC	1	11/13/2011 12:32 PM
Surr: Dibromofluoromethane	91.0	0	72-120	%REC	1	11/13/2011 12:32 PM
Surr: Toluene-d8	102	0	80-123	%REC	1	11/13/2011 12:32 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



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.
Lab Order: N006811
Project: MARYLAND SQUARE SHOPPING CENTER
Lab ID: N006811-011

Client Sample ID: MW-22
Collection Date: 11/10/2011 4:00:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111113A	QC Batch: D11VW166	PrepDate:	Analyst: QBM			
1,1,1,2-Tetrachloroethane	ND	0.061	0.50	µg/L	1	11/13/2011 01:17 PM
1,1,1-Trichloroethane	ND	0.068	0.50	µg/L	1	11/13/2011 01:17 PM
1,1,2,2-Tetrachloroethane	ND	0.054	0.50	µg/L	1	11/13/2011 01:17 PM
1,1,2-Trichloroethane	ND	0.083	0.50	µg/L	1	11/13/2011 01:17 PM
1,1-Dichloroethane	ND	0.099	0.50	µg/L	1	11/13/2011 01:17 PM
1,1-Dichloroethene	ND	0.094	0.50	µg/L	1	11/13/2011 01:17 PM
1,1-Dichloropropene	ND	0.082	0.50	µg/L	1	11/13/2011 01:17 PM
1,2,3-Trichlorobenzene	ND	0.10	0.50	µg/L	1	11/13/2011 01:17 PM
1,2,3-Trichloropropane	ND	0.12	0.50	µg/L	1	11/13/2011 01:17 PM
1,2,4-Trichlorobenzene	ND	0.12	0.50	µg/L	1	11/13/2011 01:17 PM
1,2,4-Trimethylbenzene	ND	0.095	0.50	µg/L	1	11/13/2011 01:17 PM
1,2-Dibromo-3-chloropropane	ND	0.15	1.0	µg/L	1	11/13/2011 01:17 PM
1,2-Dibromoethane	ND	0.14	0.50	µg/L	1	11/13/2011 01:17 PM
1,2-Dichlorobenzene	ND	0.070	0.50	µg/L	1	11/13/2011 01:17 PM
1,2-Dichloroethane	ND	0.17	0.50	µg/L	1	11/13/2011 01:17 PM
1,2-Dichloropropane	ND	0.085	0.50	µg/L	1	11/13/2011 01:17 PM
1,3,5-Trimethylbenzene	ND	0.087	0.50	µg/L	1	11/13/2011 01:17 PM
1,3-Dichlorobenzene	ND	0.090	0.50	µg/L	1	11/13/2011 01:17 PM
1,3-Dichloropropane	ND	0.074	0.50	µg/L	1	11/13/2011 01:17 PM
1,4-Dichlorobenzene	ND	0.092	0.50	µg/L	1	11/13/2011 01:17 PM
2,2-Dichloropropane	ND	0.061	0.50	µg/L	1	11/13/2011 01:17 PM
2-Chlorotoluene	ND	0.080	0.50	µg/L	1	11/13/2011 01:17 PM
4-Chlorotoluene	ND	0.10	0.50	µg/L	1	11/13/2011 01:17 PM
4-Isopropyltoluene	ND	0.080	0.50	µg/L	1	11/13/2011 01:17 PM
Benzene	ND	0.075	0.50	µg/L	1	11/13/2011 01:17 PM
Bromobenzene	ND	0.082	0.50	µg/L	1	11/13/2011 01:17 PM
Bromodichloromethane	ND	0.063	0.50	µg/L	1	11/13/2011 01:17 PM
Bromoform	ND	0.086	0.50	µg/L	1	11/13/2011 01:17 PM
Bromomethane	ND	0.13	0.50	µg/L	1	11/13/2011 01:17 PM
Carbon tetrachloride	ND	0.10	0.50	µg/L	1	11/13/2011 01:17 PM
Chlorobenzene	ND	0.092	0.50	µg/L	1	11/13/2011 01:17 PM
Chloroethane	ND	0.14	0.50	µg/L	1	11/13/2011 01:17 PM
Chloroform	ND	0.058	0.50	µg/L	1	11/13/2011 01:17 PM
Chloromethane	ND	0.054	0.50	µg/L	1	11/13/2011 01:17 PM
cis-1,2-Dichloroethene	ND	0.11	0.50	µg/L	1	11/13/2011 01:17 PM
Dibromochloromethane	ND	0.061	0.50	µg/L	1	11/13/2011 01:17 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



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.
Lab Order: N006811
Project: MARYLAND SQUARE SHOPPING CENTER
Lab ID: N006811-011

Client Sample ID: MW-22
Collection Date: 11/10/2011 4:00:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_11113A	QC Batch: D11VW166	PrepDate:	Analyst: QBM			
Dibromomethane	ND	0.15	0.50	µg/L	1	11/13/2011 01:17 PM
Dichlorodifluoromethane	ND	0.12	0.50	µg/L	1	11/13/2011 01:17 PM
Ethylbenzene	ND	0.051	0.50	µg/L	1	11/13/2011 01:17 PM
Hexachlorobutadiene	ND	0.17	0.50	µg/L	1	11/13/2011 01:17 PM
Isopropylbenzene	ND	0.057	0.50	µg/L	1	11/13/2011 01:17 PM
m,p-Xylene	ND	0.17	1.0	µg/L	1	11/13/2011 01:17 PM
Methylene chloride	ND	0.10	1.0	µg/L	1	11/13/2011 01:17 PM
MTBE	ND	0.089	0.50	µg/L	1	11/13/2011 01:17 PM
n-Butylbenzene	ND	0.082	0.50	µg/L	1	11/13/2011 01:17 PM
n-Propylbenzene	ND	0.087	0.50	µg/L	1	11/13/2011 01:17 PM
Naphthalene	ND	0.056	0.50	µg/L	1	11/13/2011 01:17 PM
o-Xylene	ND	0.077	0.50	µg/L	1	11/13/2011 01:17 PM
sec-Butylbenzene	ND	0.098	0.50	µg/L	1	11/13/2011 01:17 PM
Styrene	ND	0.072	0.50	µg/L	1	11/13/2011 01:17 PM
tert-Butylbenzene	ND	0.062	0.50	µg/L	1	11/13/2011 01:17 PM
Tetrachloroethene	0.55	0.13	0.50	µg/L	1	11/13/2011 01:17 PM
Toluene	ND	0.12	0.50	µg/L	1	11/13/2011 01:17 PM
trans-1,2-Dichloroethene	ND	0.094	0.50	µg/L	1	11/13/2011 01:17 PM
Trichloroethene	ND	0.060	0.50	µg/L	1	11/13/2011 01:17 PM
Trichlorofluoromethane	ND	0.097	0.50	µg/L	1	11/13/2011 01:17 PM
Vinyl chloride	ND	0.12	0.50	µg/L	1	11/13/2011 01:17 PM
Surr: 1,2-Dichloroethane-d4	88.4	0	56-120	%REC	1	11/13/2011 01:17 PM
Surr: 4-Bromofluorobenzene	102	0	80-120	%REC	1	11/13/2011 01:17 PM
Surr: Dibromofluoromethane	104	0	72-120	%REC	1	11/13/2011 01:17 PM
Surr: Toluene-d8	116	0	80-123	%REC	1	11/13/2011 01:17 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



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.
Lab Order: N006811
Project: MARYLAND SQUARE SHOPPING CENTER
Lab ID: N006811-012

Client Sample ID: TRIP BLANK
Collection Date: 11/10/2011 6:20:00 AM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111113A	QC Batch: D11VW166	PrepDate:	Analyst: QBM
1,1,1,2-Tetrachloroethane	ND 0.061	0.50	µg/L 1 11/13/2011 12:55 PM
1,1,1-Trichloroethane	ND 0.068	0.50	µg/L 1 11/13/2011 12:55 PM
1,1,2,2-Tetrachloroethane	ND 0.054	0.50	µg/L 1 11/13/2011 12:55 PM
1,1,2-Trichloroethane	ND 0.083	0.50	µg/L 1 11/13/2011 12:55 PM
1,1-Dichloroethane	ND 0.099	0.50	µg/L 1 11/13/2011 12:55 PM
1,1-Dichloroethene	ND 0.094	0.50	µg/L 1 11/13/2011 12:55 PM
1,1-Dichloropropene	ND 0.082	0.50	µg/L 1 11/13/2011 12:55 PM
1,2,3-Trichlorobenzene	ND 0.10	0.50	µg/L 1 11/13/2011 12:55 PM
1,2,3-Trichloropropane	ND 0.12	0.50	µg/L 1 11/13/2011 12:55 PM
1,2,4-Trichlorobenzene	ND 0.12	0.50	µg/L 1 11/13/2011 12:55 PM
1,2,4-Trimethylbenzene	ND 0.095	0.50	µg/L 1 11/13/2011 12:55 PM
1,2-Dibromo-3-chloropropane	ND 0.15	1.0	µg/L 1 11/13/2011 12:55 PM
1,2-Dibromoethane	ND 0.14	0.50	µg/L 1 11/13/2011 12:55 PM
1,2-Dichlorobenzene	ND 0.070	0.50	µg/L 1 11/13/2011 12:55 PM
1,2-Dichloroethane	ND 0.17	0.50	µg/L 1 11/13/2011 12:55 PM
1,2-Dichloropropane	ND 0.085	0.50	µg/L 1 11/13/2011 12:55 PM
1,3,5-Trimethylbenzene	ND 0.087	0.50	µg/L 1 11/13/2011 12:55 PM
1,3-Dichlorobenzene	ND 0.090	0.50	µg/L 1 11/13/2011 12:55 PM
1,3-Dichloropropane	ND 0.074	0.50	µg/L 1 11/13/2011 12:55 PM
1,4-Dichlorobenzene	ND 0.092	0.50	µg/L 1 11/13/2011 12:55 PM
2,2-Dichloropropane	ND 0.061	0.50	µg/L 1 11/13/2011 12:55 PM
2-Chlorotoluene	ND 0.080	0.50	µg/L 1 11/13/2011 12:55 PM
4-Chlorotoluene	ND 0.10	0.50	µg/L 1 11/13/2011 12:55 PM
4-Isopropyltoluene	ND 0.080	0.50	µg/L 1 11/13/2011 12:55 PM
Benzene	ND 0.075	0.50	µg/L 1 11/13/2011 12:55 PM
Bromobenzene	ND 0.082	0.50	µg/L 1 11/13/2011 12:55 PM
Bromodichloromethane	ND 0.063	0.50	µg/L 1 11/13/2011 12:55 PM
Bromoform	ND 0.086	0.50	µg/L 1 11/13/2011 12:55 PM
Bromomethane	ND 0.13	0.50	µg/L 1 11/13/2011 12:55 PM
Carbon tetrachloride	ND 0.10	0.50	µg/L 1 11/13/2011 12:55 PM
Chlorobenzene	ND 0.092	0.50	µg/L 1 11/13/2011 12:55 PM
Chloroethane	ND 0.14	0.50	µg/L 1 11/13/2011 12:55 PM
Chloroform	ND 0.058	0.50	µg/L 1 11/13/2011 12:55 PM
Chloromethane	ND 0.054	0.50	µg/L 1 11/13/2011 12:55 PM
cis-1,2-Dichloroethene	ND 0.11	0.50	µg/L 1 11/13/2011 12:55 PM
Dibromochloromethane	ND 0.061	0.50	µg/L 1 11/13/2011 12:55 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



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 18-Nov-11

CLIENT: ATC Associates Inc.
Lab Order: N006811
Project: MARYLAND SQUARE SHOPPING CENTER
Lab ID: N006811-012

Client Sample ID: TRIP BLANK
Collection Date: 11/10/2011 6:20:00 AM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111113A	QC Batch: D11VW166	PrepDate:	Analyst: QBM
Dibromomethane	ND 0.15	0.50	µg/L 1 11/13/2011 12:55 PM
Dichlorodifluoromethane	ND 0.12	0.50	µg/L 1 11/13/2011 12:55 PM
Ethylbenzene	ND 0.051	0.50	µg/L 1 11/13/2011 12:55 PM
Hexachlorobutadiene	ND 0.17	0.50	µg/L 1 11/13/2011 12:55 PM
Isopropylbenzene	ND 0.057	0.50	µg/L 1 11/13/2011 12:55 PM
m,p-Xylene	ND 0.17	1.0	µg/L 1 11/13/2011 12:55 PM
Methylene chloride	2.9 0.10	1.0	µg/L 1 11/13/2011 12:55 PM
MTBE	ND 0.089	0.50	µg/L 1 11/13/2011 12:55 PM
n-Butylbenzene	ND 0.082	0.50	µg/L 1 11/13/2011 12:55 PM
n-Propylbenzene	ND 0.087	0.50	µg/L 1 11/13/2011 12:55 PM
Naphthalene	ND 0.056	0.50	µg/L 1 11/13/2011 12:55 PM
o-Xylene	ND 0.077	0.50	µg/L 1 11/13/2011 12:55 PM
sec-Butylbenzene	ND 0.098	0.50	µg/L 1 11/13/2011 12:55 PM
Styrene	ND 0.072	0.50	µg/L 1 11/13/2011 12:55 PM
tert-Butylbenzene	ND 0.062	0.50	µg/L 1 11/13/2011 12:55 PM
Tetrachloroethene	ND 0.13	0.50	µg/L 1 11/13/2011 12:55 PM
Toluene	ND 0.12	0.50	µg/L 1 11/13/2011 12:55 PM
trans-1,2-Dichloroethene	ND 0.094	0.50	µg/L 1 11/13/2011 12:55 PM
Trichloroethene	ND 0.060	0.50	µg/L 1 11/13/2011 12:55 PM
Trichlorofluoromethane	ND 0.097	0.50	µg/L 1 11/13/2011 12:55 PM
Vinyl chloride	ND 0.12	0.50	µg/L 1 11/13/2011 12:55 PM
Surr: 1,2-Dichloroethane-d4	85.3 0	56-120	%REC 1 11/13/2011 12:55 PM
Surr: 4-Bromofluorobenzene	100 0	80-120	%REC 1 11/13/2011 12:55 PM
Surr: Dibromofluoromethane	102 0	72-120	%REC 1 11/13/2011 12:55 PM
Surr: Toluene-d8	113 0	80-123	%REC 1 11/13/2011 12:55 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



Advanced Technology Laboratories, Inc.

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

Date: 18-Nov-11

CLIENT: ATC Associates Inc.
 Work Order: N006811

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D111113LCS	SampType: LCS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82159
Client ID: LCSW	Batch ID: D111WV166	TestNo: EPA 8260B		Analysis Date: 11/13/2011	SeqNo: 1325647

Analyte	Result	PQL	SPK value	SPK Ref Val	Units: µg/L	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	18.560	0.50	20.00	0	0	92.8	74	122				
1,1,1-Trichloroethane	16.770	0.50	20.00	0	0	83.9	65	120				
1,1,2,2-Tetrachloroethane	19.770	0.50	20.00	0	0	98.8	80	120				
1,1,2-Trichloroethane	18.830	0.50	20.00	0	0	94.2	80	120				
1,1-Dichloroethane	20.830	0.50	20.00	0	0	104	80	120				
1,1-Dichloroethene	21.460	0.50	20.00	0	0	107	80	120				
1,1-Dichloropropene	19.100	0.50	20.00	0	0	95.5	80	120				
1,2,3-Trichlorobenzene	20.900	0.50	20.00	0	0	104	80	124				
1,2,3-Trichloropropane	18.420	0.50	20.00	0	0	92.1	80	120				
1,2,4-Trichlorobenzene	21.210	0.50	20.00	0	0	106	80	126				
1,2,4-Trimethylbenzene	20.730	0.50	20.00	0	0	104	80	123				
1,2-Dibromo-3-chloropropane	18.220	1.0	20.00	0	0	91.1	70	120				
1,2-Dibromoethane	19.290	0.50	20.00	0	0	96.5	80	120				
1,2-Dichlorobenzene	20.370	0.50	20.00	0	0	102	80	120				
1,2-Dichloroethane	20.230	0.50	20.00	0	0	101	80	120				
1,2-Dichloropropane	18.670	0.50	20.00	0	0	93.4	80	120				
1,3,5-Trimethylbenzene	20.840	0.50	20.00	0	0	104	80	121				
1,3-Dichlorobenzene	20.550	0.50	20.00	0	0	103	80	120				
1,3-Dichloropropane	17.790	0.50	20.00	0	0	89.0	80	120				
1,4-Dichlorobenzene	20.120	0.50	20.00	0	0	101	80	120				
2,2-Dichloropropane	16.910	0.50	20.00	0	0	84.6	54	120				
2-Chlorotoluene	20.110	0.50	20.00	0	0	101	80	122				
4-Chlorotoluene	20.280	0.50	20.00	0	0	101	80	120				
4-Isopropyltoluene	21.340	0.50	20.00	0	0	107	80	122				
Benzene	19.970	0.50	20.00	0	0	99.8	80	120				
Bromobenzene	20.290	0.50	20.00	0	0	101	80	120				
Bromodichloromethane	20.420	0.50	20.00	0	0	102	70	120				
Bromoform	19.370	0.50	20.00	0	0	96.9	66	120				
Bromomethane	21.710	0.50	20.00	0	0	109	48	155				

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
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006811

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D11113LCS	SampType: LCS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82159
Client ID: LCSW	Batch ID: D111W166	TestNo: EPA 8260B		Analysis Date: 11/13/2011	SeqNo: 1325647

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	17.290	0.50	20.00	0	86.5	60	120				
Chlorobenzene	20.610	0.50	20.00	0	103	80	120				
Chloroethane	22.220	0.50	20.00	0	111	62	147				
Chloroform	21.100	0.50	20.00	0	106	80	120				
Chloromethane	20.480	0.50	20.00	0	102	63	121				
cis-1,2-Dichloroethene	20.850	0.50	20.00	0	104	80	120				
Dibromochloromethane	20.440	0.50	20.00	0	102	67	123				
Dibromomethane	20.290	0.50	20.00	0	101	80	120				
Dichlorodifluoromethane	21.040	0.50	20.00	0	105	70	121				
Ethylbenzene	20.910	0.50	20.00	0	105	80	120				
Hexachlorobutadiene	20.410	0.50	20.00	0	102	80	123				
Isopropylbenzene	20.800	0.50	20.00	0	104	80	121				
m,p-Xylene	42.410	1.0	40.00	0	106	80	120				
Methylene chloride	20.350	1.0	20.00	0	102	75	120				
MTBE	17.940	0.50	20.00	0	89.7	70	120				
n-Butylbenzene	21.750	0.50	20.00	0	109	80	129				
n-Propylbenzene	21.000	0.50	20.00	0	105	80	122				
Naphthalene	19.950	0.50	20.00	0	99.8	73	127				
o-Xylene	20.410	0.50	20.00	0	102	80	120				
sec-Butylbenzene	21.120	0.50	20.00	0	106	80	120				
Styrene	20.560	0.50	20.00	0	103	80	120				
tert-Butylbenzene	20.540	0.50	20.00	0	103	80	120				
Tetrachloroethene	20.830	0.50	20.00	0	104	80	121				
Toluene	21.270	0.50	20.00	0	106	80	120				
trans-1,2-Dichloroethene	22.560	0.50	20.00	0	113	80	120				
Trichloroethene	19.570	0.50	20.00	0	97.9	80	120				
Trichlorofluoromethane	20.120	0.50	20.00	0	101	71	148				
Vinyl chloride	20.490	0.50	20.00	0	102	80	120				
Surr: 1,2-Dichloroethane-d4	24.810		25.00		99.2	56	120				
Surr: 4-Bromofluorobenzene	24.510		25.00		98.0	80	120				

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
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006811

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D11113LCS	SampType: LCS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82159						
Client ID: LCSW	Batch ID: D111VW166	TestNo: EPA 8260B		Analysis Date: 11/13/2011	SeqNo: 1325647						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	26.960		25.00		108	72	120				
Surr: Toluene-d8	26.730		25.00		107	80	123				

Sample ID: N006806-004AMS	SampType: MS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82159
Client ID: ZZZZZ	Batch ID: D111VW166	TestNo: EPA 8260B		Analysis Date: 11/13/2011	SeqNo: 1325648

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	18.630	0.50	20.00	0	93.2	70	120				
1,1,1-Trichloroethane	16.400	0.50	20.00	0	82.0	68	120				
1,1,2,2-Tetrachloroethane	17.180	0.50	20.00	0	85.9	69	120				
1,1,2-Trichloroethane	16.160	0.50	20.00	0	80.8	71	120				
1,1-Dichloroethane	19.460	0.50	20.00	0	97.3	77	120				
1,1-Dichloroethene	20.400	0.50	20.00	0	102	80	120				
1,1-Dichloropropene	19.430	0.50	20.00	0	97.2	80	120				
1,2,3-Trichlorobenzene	18.670	0.50	20.00	0	93.4	80	120				
1,2,3-Trichloropropane	15.130	0.50	20.00	0	75.6	68	120				
1,2,4-Trichlorobenzene	20.030	0.50	20.00	0	100	80	120				
1,2,4-Trimethylbenzene	20.400	0.50	20.00	0	102	72	131				
1,2-Dibromo-3-chloropropane	14.980	1.0	20.00	0	74.9	57	120				
1,2-Dibromoethane	15.790	0.50	20.00	0	79.0	71	120				
1,2-Dichlorobenzene	19.320	0.50	20.00	0	96.6	80	120				
1,2-Dichloroethane	17.140	0.50	20.00	0	85.7	72	120				
1,2-Dichloropropane	17.760	0.50	20.00	0	88.8	76	120				
1,3,5-Trimethylbenzene	21.400	0.50	20.00	0	107	80	125				
1,3-Dichlorobenzene	20.520	0.50	20.00	0	103	80	120				
1,3-Dichloropropane	16.000	0.50	20.00	0	80.0	70	120				
1,4-Dichlorobenzene	19.940	0.50	20.00	0	99.7	80	120				
2,2-Dichloropropane	16.250	0.50	20.00	0	81.2	58	120				
2-Chlorotoluene	20.840	0.50	20.00	0	104	80	128				
4-Chlorotoluene	20.670	0.50	20.00	0	103	80	122				

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- A Advanced Technology Laboratories, Inc.
- 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: ATC Associates Inc.
Work Order: N006811

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: N006806-004AMS	Sample Type: MS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82159
Client ID: ZZZZZZ	Batch ID: D111VW166	TestNo: EPA 8260B		Analysis Date: 11/13/2011	SeqNo: 1325648

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Isopropyltoluene	22.200	0.50	20.00	0	111	80	127				
Benzene	19.750	0.50	20.00	0	98.8	80	120				
Bromobenzene	19.710	0.50	20.00	0	98.6	80	120				
Bromodichloromethane	18.420	0.50	20.00	0	92.1	64	122				
Bromoform	17.210	0.50	20.00	0	86.1	60	120				
Bromomethane	20.300	0.50	20.00	0	102	69	129				
Carbon tetrachloride	17.750	0.50	20.00	0	88.8	65	120				
Chlorobenzene	20.270	0.50	20.00	0	101	80	120				
Chloroethane	21.000	0.50	20.00	0	105	56	158				
Chloroform	19.400	0.50	20.00	0	97.0	76	120				
Chloromethane	19.360	0.50	20.00	0	96.8	59	120				
cis-1,2-Dichloroethene	19.340	0.50	20.00	0	96.7	79	120				
Dibromochloromethane	18.280	0.50	20.00	0	91.4	49	131				
Dibromomethane	17.080	0.50	20.00	0	85.4	73	120				
Dichlorodifluoromethane	20.260	0.50	20.00	0	101	67	124				
Ethylbenzene	21.080	0.50	20.00	0	105	80	120				
Hexachlorobutadiene	21.070	0.50	20.00	0	105	80	130				
Isopropylbenzene	21.760	0.50	20.00	0	109	80	128				
m,p-Xylene	42.390	1.0	40.00	0	106	80	123				
Methylene chloride	17.930	1.0	20.00	0	89.7	67	120				
MTBE	15.250	0.50	20.00	0	76.2	52	120				
n-Butylbenzene	22.470	0.50	20.00	0	112	80	132				
n-Propylbenzene	21.940	0.50	20.00	0	110	80	130				
Naphthalene	15.890	0.50	20.00	0	79.4	57	120				
o-Xylene	20.130	0.50	20.00	0	101	80	120				
sec-Butylbenzene	22.030	0.50	20.00	0	110	80	128				
Styrene	18.360	0.50	20.00	0	91.8	50	136				
tert-Butylbenzene	21.500	0.50	20.00	0	108	80	125				
Tetrachloroethene	21.620	0.50	20.00	0	108	70	145				
Toluene	20.560	0.50	20.00	0	103	80	120				

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
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006811

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: N006806-004AMS	SampType: MS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82159
Client ID: ZZZZZ	Batch ID: D11VW166	TestNo: EPA 8260B		Analysis Date: 11/13/2011	SeqNo: 1325648

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	21.240	0.50	20.00	0	106	80	120				
Trichloroethene	19.580	0.50	20.00	0	97.9	80	120				
Trichlorofluoromethane	20.550	0.50	20.00	0.4500	101	67	154				
Vinyl chloride	19.500	0.50	20.00	0	97.5	77	120				
Surr: 1,2-Dichloroethane-d4	20.710		25.00		82.8	56	120				
Surr: 4-Bromofluorobenzene	24.020		25.00		96.1	80	120				
Surr: Dibromofluoromethane	24.670		25.00		98.7	72	120				
Surr: Toluene-d8	26.410		25.00		106	80	123				

Sample ID: N006806-004AMSD	SampType: MSD	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82159
Client ID: ZZZZZ	Batch ID: D11VW166	TestNo: EPA 8260B		Analysis Date: 11/13/2011	SeqNo: 1325649

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	18.400	0.50	20.00	0	92.0	70	120	18.63	1.24	20	
1,1,1-Trichloroethane	16.510	0.50	20.00	0	82.6	68	120	16.40	0.668	20	
1,1,2,2-Tetrachloroethane	17.050	0.50	20.00	0	85.2	69	120	17.18	0.760	20	
1,1,2-Trichloroethane	16.030	0.50	20.00	0	80.2	71	120	16.16	0.808	20	
1,1-Dichloroethane	19.750	0.50	20.00	0	98.8	77	120	19.46	1.48	20	
1,1-Dichloroethene	20.630	0.50	20.00	0	103	80	120	20.40	1.12	20	
1,1-Dichloropropene	18.890	0.50	20.00	0	94.4	80	120	19.43	2.82	20	
1,2,3-Trichlorobenzene	18.920	0.50	20.00	0	94.6	80	120	18.67	1.33	20	
1,2,3-Trichloropropane	15.520	0.50	20.00	0	77.6	68	120	15.13	2.54	20	
1,2,4-Trichlorobenzene	19.990	0.50	20.00	0	100	80	120	20.03	0.200	20	
1,2,4-Trimethylbenzene	19.220	0.50	20.00	0	96.1	72	131	20.40	5.96	20	
1,2-Dibromo-3-chloropropane	15.540	1.0	20.00	0	77.7	57	120	14.98	3.67	20	
1,2-Dibromoethane	15.920	0.50	20.00	0	79.6	71	120	15.79	0.820	20	
1,2-Dichlorobenzene	19.240	0.50	20.00	0	96.2	80	120	19.32	0.415	20	
1,2-Dichloroethane	16.900	0.50	20.00	0	84.5	72	120	17.14	1.41	20	
1,2-Dichloropropane	17.610	0.50	20.00	0	88.0	76	120	17.76	0.848	20	
1,3,5-Trimethylbenzene	20.500	0.50	20.00	0	103	80	125	21.40	4.30	20	

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
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



CLIENT: ATC Associates Inc.
Work Order: N006811

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: N006806-004AMSD	SampType: MSD	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82159
Client ID: ZZZZZ	Batch ID: D11VW166	TestNo: EPA 8260B		Analysis Date: 11/13/2011	SeqNo: 1325649

Analyte	Result	PQL	SPK value	SPK Ref Val	Units: µg/L	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichlorobenzene	19.980	0.50	20.00	0	0	99.9	80	120	20.52	2.67	20	
1,3-Dichloropropane	16.280	0.50	20.00	0	0	81.4	70	120	16.00	1.73	20	
1,4-Dichlorobenzene	19.450	0.50	20.00	0	0	97.3	80	120	19.94	2.49	20	
2,2-Dichloropropane	16.640	0.50	20.00	0	0	83.2	58	120	16.25	2.37	20	
2-Chlorotoluene	19.950	0.50	20.00	0	0	99.8	80	128	20.84	4.36	20	
4-Chlorotoluene	20.150	0.50	20.00	0	0	101	80	122	20.67	2.55	20	
4-Isopropyltoluene	21.300	0.50	20.00	0	0	106	80	127	22.20	4.14	20	
Benzene	19.360	0.50	20.00	0	0	96.8	80	120	19.75	1.99	20	
Bromobenzene	19.310	0.50	20.00	0	0	96.6	80	120	19.71	2.05	20	
Bromodichloromethane	18.750	0.50	20.00	0	0	93.8	64	122	18.42	1.78	20	
Bromoform	17.280	0.50	20.00	0	0	86.4	60	120	17.21	0.406	20	
Bromomethane	20.090	0.50	20.00	0	0	100	69	129	20.30	1.04	20	
Carbon tetrachloride	17.430	0.50	20.00	0	0	87.2	65	120	17.75	1.82	20	
Chlorobenzene	19.950	0.50	20.00	0	0	99.8	80	120	20.27	1.59	20	
Chloroethane	20.600	0.50	20.00	0	0	103	56	158	21.00	1.92	20	
Chloroform	19.570	0.50	20.00	0	0	97.9	76	120	19.40	0.872	20	
Chloromethane	19.050	0.50	20.00	0	0	95.2	59	120	19.36	1.61	20	
cis-1,2-Dichloroethene	19.330	0.50	20.00	0	0	96.7	79	120	19.34	0.0517	20	
Dibromochloromethane	18.580	0.50	20.00	0	0	92.9	49	131	18.28	1.63	20	
Dibromomethane	17.010	0.50	20.00	0	0	85.0	73	120	17.08	0.411	20	
Dichlorodifluoromethane	20.120	0.50	20.00	0	0	101	67	124	20.26	0.693	20	
Ethylbenzene	20.710	0.50	20.00	0	0	104	80	120	21.08	1.77	20	
Hexachlorobutadiene	20.540	0.50	20.00	0	0	103	80	130	21.07	2.55	20	
Isopropylbenzene	21.150	0.50	20.00	0	0	106	80	128	21.76	2.84	20	
m,p-Xylene	41.220	1.0	40.00	0	0	103	80	123	42.39	2.80	20	
Methylene chloride	17.930	1.0	20.00	0	0	89.7	67	120	17.93	0	20	
MTBE	15.450	0.50	20.00	0	0	77.2	52	120	15.25	1.30	20	
n-Butylbenzene	21.750	0.50	20.00	0	0	109	80	132	22.47	3.26	20	
n-Propylbenzene	21.270	0.50	20.00	0	0	106	80	130	21.94	3.10	20	
Naphthalene	16.310	0.50	20.00	0	0	81.6	57	120	15.89	2.61	20	

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
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006811

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: N006806-004AMSD	SampType: MSD	TestCode: 8260_WP_LL	Units: µg/L
Client ID: ZZZZZ	Batch ID: D11VW166	TestNo: EPA 8260B	Prep Date:
		Analysis Date: 11/13/2011	RunNo: 82159
			SeqNo: 1325649

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Xylene	19.870	0.50	20.00	0	99.4	80	120	20.13	1.30	20	
sec-Butylbenzene	21.350	0.50	20.00	0	107	80	128	22.03	3.14	20	
Styrene	17.180	0.50	20.00	0	85.9	50	136	18.36	6.64	20	
tert-Butylbenzene	20.840	0.50	20.00	0	104	80	125	21.50	3.12	20	
Tetrachloroethene	21.160	0.50	20.00	0	106	70	145	21.62	2.15	20	
Toluene	20.040	0.50	20.00	0	100	80	120	20.56	2.56	20	
trans-1,2-Dichloroethene	21.130	0.50	20.00	0	106	80	120	21.24	0.519	20	
Trichloroethene	19.060	0.50	20.00	0	95.3	80	120	19.58	2.69	20	
Trichlorofluoromethane	20.120	0.50	20.00	0.4500	98.4	67	154	20.55	2.11	20	
Vinyl chloride	19.250	0.50	20.00	0	96.2	77	120	19.50	1.29	20	
Surr: 1,2-Dichloroethane-d4	21.010		25.00		84.0	56	120		0		
Surr: 4-Bromofluorobenzene	24.140		25.00		96.6	80	120		0		
Surr: Dibromofluoromethane	25.390		25.00		102	72	120		0		
Surr: Toluene-d8	25.930		25.00		104	80	123		0		

Sample ID: D111113MB3	SampType: MBLK	TestCode: 8260_WP_LL	Units: µg/L
Client ID: PBW	Batch ID: D11VW166	TestNo: EPA 8260B	Prep Date:
		Analysis Date: 11/13/2011	RunNo: 82159
			SeqNo: 1325650

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									

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
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006811

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D11113MB3	SampType: MBLK	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82159						
Client ID: PBW	Batch ID: D111VW166	TestNo: EPA 8260B		Analysis Date: 11/13/2011	SeqNo: 1325650						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,2-Dibromo-3-chloropropane	ND	1.0									
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									
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									
Dibromochloromethane	ND	0.50									
Dibromomethane	ND	0.50									
Dichlorodifluoromethane	ND	0.50									
Ethylbenzene	ND	0.50									
Hexachlorobutadiene	ND	0.50									
Isopropylbenzene	ND	0.50									

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
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 Calculations are based on raw values



CLIENT: ATC Associates Inc.
Work Order: N006811

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D111113MB3	SampType: MBLK	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82159						
Client ID: PBW	Batch ID: D111WV166	TestNo: EPA 8260B		Analysis Date: 11/13/2011	SeqNo: 1325650						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

m,p-Xylene	ND	1.0									
Methylene chloride	ND	1.0									
MTBE	ND	0.50									
n-Butylbenzene	ND	0.50									
n-Propylbenzene	ND	0.50									
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	19.940		25.00		79.8	56		120			
Surr: 4-Bromofluorobenzene	22.270		25.00		89.1	80		120			
Surr: Dibromofluoromethane	22.010		25.00		88.0	72		120			
Surr: Toluene-d8	24.620		25.00		98.5	80		123			

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
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 Calculations are based on raw values



CLIENT: ATC Associates Inc.
Work Order: N006811

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D11114LCS	Sample Type: LCS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82198
Client ID: LCSW	Batch ID: D111W167	TestNo: EPA 8260B		Analysis Date: 11/14/2011	SeqNo: 1326621

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	17.450	0.50	20.00	0	87.2	74	122				
1,1,1-Trichloroethane	17.680	0.50	20.00	0	88.4	65	120				
1,1,2,2-Tetrachloroethane	18.900	0.50	20.00	0	94.5	80	120				
1,1,2-Trichloroethane	18.680	0.50	20.00	0	93.4	80	120				
1,1-Dichloroethane	20.830	0.50	20.00	0	104	80	120				
1,1-Dichloroethene	21.250	0.50	20.00	0	106	80	120				
1,1-Dichloropropene	19.110	0.50	20.00	0	95.6	80	120				
1,2,3-Trichlorobenzene	19.350	0.50	20.00	0	96.8	80	124				
1,2,3-Trichloropropane	17.910	0.50	20.00	0	89.6	80	120				
1,2,4-Trichlorobenzene	19.190	0.50	20.00	0	96.0	80	126				
1,2,4-Trimethylbenzene	19.190	0.50	20.00	0	96.0	80	123				
1,2-Dibromo-3-chloropropane	18.040	1.0	20.00	0	90.2	70	120				
1,2-Dibromoethane	18.630	0.50	20.00	0	93.2	80	120				
1,2-Dichlorobenzene	19.050	0.50	20.00	0	95.2	80	120				
1,2-Dichloroethane	21.540	0.50	20.00	0	108	80	120				
1,2-Dichloropropane	18.440	0.50	20.00	0	92.2	80	120				
1,3,5-Trimethylbenzene	19.340	0.50	20.00	0	96.7	80	121				
1,3-Dichlorobenzene	18.970	0.50	20.00	0	94.8	80	120				
1,3-Dichloropropane	17.180	0.50	20.00	0	85.9	80	120				
1,4-Dichlorobenzene	18.630	0.50	20.00	0	93.2	80	120				
2,2-Dichloropropane	17.920	0.50	20.00	0	89.6	54	120				
2-Chlorotoluene	18.650	0.50	20.00	0	93.3	80	122				
4-Chlorotoluene	18.760	0.50	20.00	0	93.8	80	120				
4-Isopropyltoluene	19.650	0.50	20.00	0	98.2	80	122				
Benzene	19.450	0.50	20.00	0	97.3	80	120				
Bromobenzene	18.330	0.50	20.00	0	91.7	80	120				
Bromodichloromethane	20.550	0.50	20.00	0	103	70	120				
Bromoform	18.710	0.50	20.00	0	93.6	66	120				
Bromomethane	20.560	0.50	20.00	0	103	48	155				
Carbon tetrachloride	17.930	0.50	20.00	0	89.7	60	120				

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
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006811

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D11114LCS	SampType: LCS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82198						
Client ID: LCSW	Batch ID: D111W167	TestNo: EPA 8260B		Analysis Date: 11/14/2011	SeqNo: 1326621						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chlorobenzene	19.120	0.50	20.00	0	95.6	80	120				
Chloroethane	20.360	0.50	20.00	0	102	62	147				
Chloroform	21.690	0.50	20.00	0	108	80	120				
Chloromethane	20.910	0.50	20.00	0	105	63	121				
cis-1,2-Dichloroethene	20.630	0.50	20.00	0	103	80	120				
Dibromochloromethane	19.020	0.50	20.00	0	95.1	67	123				
Dibromomethane	20.600	0.50	20.00	0	103	80	120				
Dichlorodifluoromethane	21.950	0.50	20.00	0	110	70	121				
Ethylbenzene	19.730	0.50	20.00	0	98.6	80	120				
Hexachlorobutadiene	19.120	0.50	20.00	0	95.6	80	123				
Isopropylbenzene	18.990	0.50	20.00	0	95.0	80	121				
m,p-Xylene	39.980	1.0	40.00	0	100	80	120				
Methylene chloride	20.420	1.0	20.00	0	102	75	120				
MTBE	18.800	0.50	20.00	0	94.0	70	120				
n-Butylbenzene	19.810	0.50	20.00	0	99.0	80	129				
n-Propylbenzene	19.390	0.50	20.00	0	97.0	80	122				
Naphthalene	18.310	0.50	20.00	0	91.6	73	127				
o-Xylene	19.230	0.50	20.00	0	96.2	80	120				
sec-Butylbenzene	19.530	0.50	20.00	0	97.6	80	120				
Styrene	19.280	0.50	20.00	0	96.4	80	120				
tert-Butylbenzene	18.780	0.50	20.00	0	93.9	80	120				
Tetrachloroethene	20.120	0.50	20.00	0	101	80	121				
Toluene	20.180	0.50	20.00	0	101	80	120				
trans-1,2-Dichloroethene	22.680	0.50	20.00	0	113	80	120				
Trichloroethene	18.640	0.50	20.00	0	93.2	80	120				
Trichlorofluoromethane	20.530	0.50	20.00	0	103	71	148				
Vinyl chloride	20.940	0.50	20.00	0	105	80	120				
Surr: 1,2-Dichloroethane-d4	26.100		25.00		104	56	120				
Surr: 4-Bromofluorobenzene	23.260		25.00		93.0	80	120				
Surr: Dibromofluoromethane	27.060		25.00		108	72	120				

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
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006811

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D11114LCS	SampType: LCS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82198						
Client ID: LCSW	Batch ID: D111VW167	TestNo: EPA 8260B		Analysis Date: 11/14/2011	SeqNo: 1326621						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	25.520		25.00		102	80	123				

Sample ID: N006806-005AMS	SampType: MS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82198						
Client ID: ZZZZZ	Batch ID: D111VW167	TestNo: EPA 8260B		Analysis Date: 11/14/2011	SeqNo: 1326622						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1,2-Tetrachloroethane	18.010	0.50	20.00	0	90.1	70	120				
1,1,1-Trichloroethane	18.300	0.50	20.00	0	91.5	68	120				
1,1,2,2-Tetrachloroethane	16.980	0.50	20.00	0	84.9	69	120				
1,1,2-Trichloroethane	16.240	0.50	20.00	0	81.2	71	120				
1,1-Dichloroethane	21.720	0.50	20.00	0	109	77	120				
1,1-Dichloroethene	22.720	0.50	20.00	0	114	80	120				
1,1-Dichloropropene	20.420	0.50	20.00	0	102	80	120				
1,2,3-Trichlorobenzene	17.930	0.50	20.00	0	89.7	80	120				
1,2,3-Trichloropropane	15.500	0.50	20.00	0	77.5	68	120				
1,2,4-Trichlorobenzene	19.220	0.50	20.00	0	96.1	80	120				
1,2,4-Trimethylbenzene	19.760	0.50	20.00	0	98.8	72	131				
1,2-Dibromo-3-chloropropane	15.160	1.0	20.00	0	75.8	57	120				
1,2-Dibromoethane	15.730	0.50	20.00	0	78.7	71	120				
1,2-Dichlorobenzene	19.210	0.50	20.00	0	96.0	80	120				
1,2-Dichloroethane	18.690	0.50	20.00	0	93.5	72	120				
1,2-Dichloropropane	17.760	0.50	20.00	0	88.8	76	120				
1,3,5-Trimethylbenzene	20.950	0.50	20.00	0	105	80	125				
1,3-Dichlorobenzene	20.200	0.50	20.00	0	101	80	120				
1,3-Dichloropropane	16.200	0.50	20.00	0	81.0	70	120				
1,4-Dichlorobenzene	19.920	0.50	20.00	0	99.6	80	120				
2,2-Dichloropropane	18.330	0.50	20.00	0	91.7	58	120				
2-Chlorotoluene	20.630	0.50	20.00	0	103	80	128				
4-Chlorotoluene	20.630	0.50	20.00	0	103	80	122				
4-Isopropyltoluene	21.680	0.50	20.00	0	108	80	127				

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
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006811

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: N006806-005AMS	Sample Type: MS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82198
Client ID: ZZZZZ	Batch ID: D111WV167	TestNo: EPA 8260B		Analysis Date: 11/14/2011	SeqNo: 1326622

Analyte	Result	PQL	SPK value	SPK Ref Val	Units	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	23.270	0.50	20.00	2.600		103	80	120				
Bromobenzene	19.090	0.50	20.00	0		95.4	80	120				
Bromodichloromethane	19.950	0.50	20.00	0		99.8	64	122				
Bromoform	16.710	0.50	20.00	0		83.6	60	120				
Bromomethane	21.490	0.50	20.00	0		107	69	129				
Carbon tetrachloride	19.010	0.50	20.00	0		95.1	65	120				
Chlorobenzene	20.340	0.50	20.00	0		102	80	120				
Chloroethane	22.340	0.50	20.00	0		112	56	158				
Chloroform	21.460	0.50	20.00	0		107	76	120				
Chloromethane	22.070	0.50	20.00	0		110	59	120				
cis-1,2-Dichloroethene	20.830	0.50	20.00	0		104	79	120				
Dibromochloromethane	18.280	0.50	20.00	0		91.4	49	131				
Dibromomethane	17.890	0.50	20.00	0		89.4	73	120				
Dichlorodifluoromethane	23.360	0.50	20.00	0		117	67	124				
Ethylbenzene	21.330	0.50	20.00	0		107	80	120				
Hexachlorobutadiene	20.040	0.50	20.00	0		100	80	130				
Isopropylbenzene	21.600	0.50	20.00	0		108	80	128				
m,p-Xylene	43.070	1.0	40.00	0		108	80	123				
Methylene chloride	19.760	1.0	20.00	0		98.8	67	120				
MTBE	42.950	0.50	20.00	25.92		85.2	52	120				
n-Butylbenzene	22.200	0.50	20.00	0		111	80	132				
n-Propylbenzene	21.980	0.50	20.00	0		110	80	130				
Naphthalene	14.820	0.50	20.00	0		74.1	57	120				
o-Xylene	20.250	0.50	20.00	0		101	80	120				
sec-Butylbenzene	22.140	0.50	20.00	0		111	80	128				
Styrene	17.530	0.50	20.00	0		87.6	50	136				
tert-Butylbenzene	21.220	0.50	20.00	0		106	80	125				
Tetrachloroethene	22.250	0.50	20.00	0		111	70	145				
Toluene	20.660	0.50	20.00	0		103	80	120				
trans-1,2-Dichloroethene	23.390	0.50	20.00	0		117	80	120				

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
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006811

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **N006806-005AMS** SampType: **MS** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **82198**
 Client ID: **ZZZZZ** Batch ID: **D11VW167** TestNo: **EPA 8260B** Analysis Date: **11/14/2011** SeqNo: **1326622**

Analyte	Result	PQL	SPK value	SPK Ref Val	Units	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	20.210	0.50	20.00	0	µg/L	101	80	120				
Trichlorofluoromethane	22.550	0.50	20.00	0	µg/L	113	67	154				
Vinyl chloride	22.060	0.50	20.00	0	µg/L	110	77	120				
Surr: 1,2-Dichloroethane-d4	23.970		25.00		µg/L	95.9	56	120				
Surr: 4-Bromofluorobenzene	24.480		25.00		µg/L	97.9	80	120				
Surr: Dibromofluoromethane	28.360		25.00		µg/L	113	72	120				
Surr: Toluene-d8	26.940		25.00		µg/L	108	80	123				

Sample ID: **N006806-005AMSD** SampType: **MSD** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **82198**
 Client ID: **ZZZZZ** Batch ID: **D11VW167** TestNo: **EPA 8260B** Analysis Date: **11/14/2011** SeqNo: **1326623**

Analyte	Result	PQL	SPK value	SPK Ref Val	Units	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	18.240	0.50	20.00	0	µg/L	91.2	70	120	18.01	1.27	20	
1,1,1-Trichloroethane	18.630	0.50	20.00	0	µg/L	93.2	68	120	18.30	1.79	20	
1,1,2,2-Tetrachloroethane	18.020	0.50	20.00	0	µg/L	90.1	69	120	16.98	5.94	20	
1,1,2-Trichloroethane	17.960	0.50	20.00	0	µg/L	89.8	71	120	16.24	10.1	20	
1,1-Dichloroethane	21.650	0.50	20.00	0	µg/L	108	77	120	21.72	0.323	20	
1,1-Dichloroethene	22.190	0.50	20.00	0	µg/L	111	80	120	22.72	2.36	20	
1,1-Dichloropropene	21.040	0.50	20.00	0	µg/L	105	80	120	20.42	2.99	20	
1,2,3-Trichlorobenzene	19.290	0.50	20.00	0	µg/L	96.5	80	120	17.93	7.31	20	
1,2,3-Trichloropropane	16.190	0.50	20.00	0	µg/L	81.0	68	120	15.50	4.35	20	
1,2,4-Trichlorobenzene	20.120	0.50	20.00	0	µg/L	101	80	120	19.22	4.58	20	
1,2,4-Trimethylbenzene	18.550	0.50	20.00	0	µg/L	92.8	72	131	19.76	6.32	20	
1,2-Dibromo-3-chloropropane	16.690	1.0	20.00	0	µg/L	83.4	57	120	15.16	9.61	20	
1,2-Dibromoethane	16.970	0.50	20.00	0	µg/L	84.8	71	120	15.73	7.58	20	
1,2-Dichlorobenzene	19.660	0.50	20.00	0	µg/L	98.3	80	120	19.21	2.32	20	
1,2-Dichloroethane	20.410	0.50	20.00	0	µg/L	102	72	120	18.69	8.80	20	
1,2-Dichloropropane	18.770	0.50	20.00	0	µg/L	93.8	76	120	17.76	5.53	20	
1,3,5-Trimethylbenzene	20.370	0.50	20.00	0	µg/L	102	80	125	20.95	2.81	20	
1,3-Dichlorobenzene	20.370	0.50	20.00	0	µg/L	102	80	120	20.20	0.838	20	

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
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006811

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: N006806-005AMSD	SampType: MSD	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82198
Client ID: ZZZZZ	Batch ID: D11VW167	TestNo: EPA 8260B		Analysis Date: 11/14/2011	SeqNo: 1326623

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichloropropane	17.060	0.50	20.00	0	85.3	70	120	16.20	5.17	20	
1,4-Dichlorobenzene	20.060	0.50	20.00	0	100	80	120	19.92	0.700	20	
2,2-Dichloropropane	18.620	0.50	20.00	0	93.1	58	120	18.33	1.57	20	
2-Chlorotoluene	20.280	0.50	20.00	0	101	80	128	20.63	1.71	20	
4-Chlorotoluene	20.390	0.50	20.00	0	102	80	122	20.63	1.17	20	
4-Isopropyltoluene	21.220	0.50	20.00	0	106	80	127	21.68	2.14	20	
Benzene	23.890	0.50	20.00	2.600	106	80	120	23.27	2.63	20	
Bromobenzene	19.240	0.50	20.00	0	96.2	80	120	19.09	0.783	20	
Bromodichloromethane	20.980	0.50	20.00	0	105	64	122	19.95	5.03	20	
Bromoform	17.720	0.50	20.00	0	88.6	60	120	16.71	5.87	20	
Bromomethane	20.890	0.50	20.00	0	104	69	129	21.49	2.83	20	
Carbon tetrachloride	19.600	0.50	20.00	0	98.0	65	120	19.01	3.06	20	
Chlorobenzene	20.400	0.50	20.00	0	102	80	120	20.34	0.295	20	
Chloroethane	21.930	0.50	20.00	0	110	56	158	22.34	1.85	20	
Chloroform	21.790	0.50	20.00	0	109	76	120	21.46	1.53	20	
Chloromethane	22.580	0.50	20.00	0	113	59	120	22.07	2.28	20	
cis-1,2-Dichloroethene	21.470	0.50	20.00	0	107	79	120	20.83	3.03	20	
Dibromochloromethane	19.290	0.50	20.00	0	96.5	49	131	18.28	5.38	20	
Dibromomethane	19.670	0.50	20.00	0	98.4	73	120	17.89	9.48	20	
Dichlorodifluoromethane	23.750	0.50	20.00	0	119	67	124	23.36	1.66	20	
Ethylbenzene	21.260	0.50	20.00	0	106	80	120	21.33	0.329	20	
Hexachlorobutadiene	18.710	0.50	20.00	0	93.6	80	130	20.04	6.86	20	
Isopropylbenzene	20.940	0.50	20.00	0	105	80	128	21.60	3.10	20	
m,p-Xylene	43.100	1.0	40.00	0	108	80	123	43.07	0.0696	20	
Methylene chloride	20.760	1.0	20.00	0	104	67	120	19.76	4.94	20	
MTBE	47.100	0.50	20.00	25.92	106	52	120	42.95	9.22	20	
n-Butylbenzene	21.840	0.50	20.00	0	109	80	132	22.20	1.63	20	
n-Propylbenzene	21.360	0.50	20.00	0	107	80	130	21.98	2.86	20	
Naphthalene	16.540	0.50	20.00	0	82.7	57	120	14.82	11.0	20	
o-Xylene	20.670	0.50	20.00	0	103	80	120	20.25	2.05	20	

Qualifiers:

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

CLIENT: ATC Associates Inc.
Work Order: N006811

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **N006806-005AMSD** SampType: **MSD** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **82198**
 Client ID: **ZZZZZ** Batch ID: **D111WV167** TestNo: **EPA 8260B** Analysis Date: **11/14/2011** SeqNo: **1326623**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	21.350	0.50	20.00	0	107	80	128	22.14	3.63	20	
Styrene	16.320	0.50	20.00	0	81.6	50	136	17.53	7.15	20	
tert-Butylbenzene	20.820	0.50	20.00	0	104	80	125	21.22	1.90	20	
Tetrachloroethene	22.110	0.50	20.00	0	111	70	145	22.25	0.631	20	
Toluene	21.420	0.50	20.00	0	107	80	120	20.66	3.61	20	
trans-1,2-Dichloroethene	23.390	0.50	20.00	0	117	80	120	23.39	0	20	
Trichloroethene	20.520	0.50	20.00	0	103	80	120	20.21	1.52	20	
Trichlorofluoromethane	21.920	0.50	20.00	0	110	67	154	22.55	2.83	20	
Vinyl chloride	22.030	0.50	20.00	0	110	77	120	22.06	0.136	20	
Surr: 1,2-Dichloroethane-d4	24.740		25.00		99.0	56	120		0		
Surr: 4-Bromofluorobenzene	24.940		25.00		99.8	80	120		0		
Surr: Dibromofluoromethane	27.860		25.00		111	72	120		0		
Surr: Toluene-d8	27.440		25.00		110	80	123		0		

Sample ID: **D11114MB2** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **82198**
 Client ID: **PBW** Batch ID: **D111WV167** TestNo: **EPA 8260B** Analysis Date: **11/14/2011** SeqNo: **1326624**

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	1.0									

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
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



CLIENT: ATC Associates Inc.
Work Order: N006811

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D11114MB2	SampType: MBLK	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82198						
Client ID: PBW	Batch ID: D111VW167	TestNo: EPA 8260B		Analysis Date: 11/14/2011	SeqNo: 1326624						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

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									
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									
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									

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
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 Calculations are based on raw values



CLIENT: ATC Associates Inc.
Work Order: N006811

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D11114MB2	SampType: MBLK	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82198						
Client ID: PBW	Batch ID: D111WV167	TestNo: EPA 8260B		Analysis Date: 11/14/2011	SeqNo: 1326624						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Methylene chloride	ND	1.0									
MTBE	ND	0.50									
n-Butylbenzene	ND	0.50									
n-Propylbenzene	ND	0.50									
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	25.640		25.00		103	56		120			
Surr: 4-Bromofluorobenzene	25.020		25.00		100	80		120			
Surr: Dibromofluoromethane	27.900		25.00		112	72		120			
Surr: Toluene-d8	27.740		25.00		111	80		123			

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



3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
 3151-3153 W. Post Rd.
 Las Vegas, NV 89118
 Tel: (702) 307-2659 • Fax: (702) 307-2691

FOR LABORATORY USE ONLY

Method of Transport: Client ATL ATL CA OverN FedEx Other: _____

1. CHILLED N 4. SEALED Y N

2. HEADSPACE (VOA) Y N 5. # OF SPLS MATCH CDC Y N

3. CONTAINER INTACT Y N 6. PRESERVED Y N

Sample Condition Upon Receipt

P.O. #: _____ Date: 11/11/11

Logged By: _____

Address: 2925 E. Patrick Lane #M City: Las Vegas State: NV Zip Code: 89120 Tel: 702-798-5750

Project Name: MACLEAN SOURCE SLEEPER CASE Sampler: _____ that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action. (Printed Name) Edde Bos

Relinquished by: (Signature and Printed Name) Edde Bos Date: 10/11/11 Time: 1700 Received by: (Signature and Printed Name) PM Galway Date: 11/11/11 Time: 1007

Relinquished by: (Signature and Printed Name) Edde Bos Date: 11/11/11 Time: 1037 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: Edde Bos Date: _____

Print Name: _____ Date: _____

Signature: _____

Send Report To: Attn: Andrew Stuart City: Las Vegas State: NV Zip: 89120

Attn: Andrew Stuart

Co: ATC

Address: 2925 E. Patrick Lane #M City: Las Vegas State: NV Zip: 89120

City: Las Vegas State: NV Zip: 89120

Special Instructions/Comments:

Accounts Payable

Co: ATC

Address: 2925 E. Patrick Lane #M City: Las Vegas State: NV Zip: 89120

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 / ATL workorder / mo (after 1 year)


LAB USE ONLY:	Lab No.	Sample ID / Location	Sample Description	Date		Time	REMARKS
				Date	Time		
1	NOOGBH-1	MW-7		11/10/11	0800		QA/QC
2	MW-20			11/10/11	946		RTNE
3	MW-20D			11/10/11	946		CT
4	MW-19			11/10/11	1036		SWRCB
5	MW-13			11/10/11	1143		Logcode
6	MW-14			11/10/11	1234		OTHER
7	MW-0			11/10/11	1320		
8	MW-11			11/10/11	1420		
9	RINSE-A-D			11/10/11	1550		
10	FIELD BLANK			11/10/11	1440		

Container Types: T=Tube V=VOA L=Liter P=Print P=Plastic M=Metal

Emergency Next Workday: B = C = D = E = F = G = H = I = J = K = L = M = N = O = P = Q = R = S = T = U = V = W = X = Y = Z =

Preservatives: H=HCl N=HNO₃ S=H₂SO₄ C=4°C Z=Zn(Ac)₂ O=NaOH T=Na₂S₂O₃

CHAIN OF CUSTODY RECORD

 <p>Advanced Technology Laboratories 3151-3153 W. Post Rd. Las Vegas, NV 89118 Tel: (702) 307-2659 • Fax: (702) 307-2691</p>		<p>FOR LABORATORY USE ONLY</p>																																																																																					
<p>Method of Transport <input type="checkbox"/> Client <input checked="" type="checkbox"/> ATL <input type="checkbox"/> CA OverN <input type="checkbox"/> FedEx <input type="checkbox"/> Other:</p>		<p>Sample Condition Upon Receipt <input type="checkbox"/> 1. CHILLED <input checked="" type="checkbox"/> 2. HEADSPACE (VOA) <input type="checkbox"/> 3. CONTAINER INTACT <input type="checkbox"/> 4. SEALED <input type="checkbox"/> 5. # OF SPLS MATCH COC <input type="checkbox"/> 6. PRESERVED</p>																																																																																					
<p>P.O. #: _____ Date: _____ Logged By: _____</p>		<p>Address: 2925 E. Patrick Lane #M City: Las Vegas State: NV Zip Code: 89120 Tel: 702-798-5750 Fax: 702-798-5742</p>																																																																																					
<p>Client: ATC Associates Attention: Andrew Stuart Project Name: <u>MARYLAND SOME STOPPED CARX</u></p>		<p>Sampler: _____ State: NV Zip Code: 89120 City: Las Vegas I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.</p>																																																																																					
<p>Relinquished by: _____ (Signature and Printed Name) Date: 11/10/11 Time: 1700 Received by: _____ (Signature and Printed Name) Date: 11/11/11 Time: 1627</p>		<p>Relinquished by: _____ (Signature and Printed Name) Date: 11/10/11 Time: 1700 Received by: _____ (Signature and Printed Name) Date: 11/11/11 Time: 1627</p>																																																																																					
<p>Relinquished by: _____ (Signature and Printed Name) Date: _____ Time: _____</p>		<p>Relinquished by: _____ (Signature and Printed Name) Date: _____ Time: _____</p>																																																																																					
<p>I hereby authorize ATL to perform the work indicated below: Project Mgr: <u>Eddie Bae</u> Submitter: <u>Eddie Bae</u> Date: _____</p>		<p>Send Report To: Attn: Andrew Stuart Co: ATC Address: 2925 E. Patrick Lane #M City: Las Vegas State: NV Zip: 89120</p>																																																																																					
<p>Special Instructions/Comments:</p>		<p>Bill To: Attn: Accounts Payable Co: ATC Address: 2925 E. Patrick Lane #M City: Las Vegas State: NV Zip: 89120</p>																																																																																					
<p>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): <input type="checkbox"/> Sample: \$2.00 / sample /mo (after 45 days) <input type="checkbox"/> Records: \$1 /ATL workorder /mo (after 1 year)</p>		<p>Circle or Add Analysis(es) Requested: 8208 (Volatiles) 8015M (TPH) 8015B (DRO)(Motor Oil/RO) VOA's 8260 Short List TOC, TPH, BTEX, MTBE 8015 TPH SOIL GROUND WATER WASTEWATER AIR</p>																																																																																					
<p>LAB USE ONLY:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>LAB USE ONLY</th> <th>Sample ID / Location</th> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>8006011-11 MW-22</td> <td>11/10/11</td> <td>1600</td> </tr> <tr> <td>2</td> <td>8006011-12 TRH-BLANK</td> <td>11/10/11</td> <td>1600</td> </tr> <tr> <td>3</td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td></td> <td></td> <td></td> </tr> <tr> <td>6</td> <td></td> <td></td> <td></td> </tr> <tr> <td>7</td> <td></td> <td></td> <td></td> </tr> <tr> <td>8</td> <td></td> <td></td> <td></td> </tr> <tr> <td>9</td> <td></td> <td></td> <td></td> </tr> <tr> <td>10</td> <td></td> <td></td> <td></td> </tr> <tr> <td>11</td> <td></td> <td></td> <td></td> </tr> <tr> <td>12</td> <td></td> <td></td> <td></td> </tr> <tr> <td>13</td> <td></td> <td></td> <td></td> </tr> <tr> <td>14</td> <td></td> <td></td> <td></td> </tr> <tr> <td>15</td> <td></td> <td></td> <td></td> </tr> <tr> <td>16</td> <td></td> <td></td> <td></td> </tr> <tr> <td>17</td> <td></td> <td></td> <td></td> </tr> <tr> <td>18</td> <td></td> <td></td> <td></td> </tr> <tr> <td>19</td> <td></td> <td></td> <td></td> </tr> <tr> <td>20</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		LAB USE ONLY	Sample ID / Location	Date	Time	1	8006011-11 MW-22	11/10/11	1600	2	8006011-12 TRH-BLANK	11/10/11	1600	3				4				5				6				7				8				9				10				11				12				13				14				15				16				17				18				19				20				<p>Container(s) TAT # Type E 3 V H E 3 V H</p>	
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<p>Container Types: T=Tube V=VOA L=Liter P=Pin J=Jar B=Bedlar G=Glass P=Plastic M=Metal</p>		<p>Preservatives: H=HCl N=HNO₃ S=H₂SO₄ C=4°C Z=Zn(Ac)₂ O=NaOH T=Na₂S₂O₃</p>																																																																																					

Advanced Technology Laboratories, Inc.

Please review the checklist below. Any NO and/or NA signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Sample Receipt Checklist

Cooler Received/Opened On: 11/11/2011 Workorder: N006811
 Rep sample Temp (Deg C): 4.2 IR Gun ID: 2
 Temp Blank: Yes No
 Carrier name: ATL
 Last 4 digits of Tracking No.: na Packing Material Used: Bubble Wrap
 Cooling process: Ice Ice Pack Dry Ice Other None

- | | | | |
|---|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| Was Client notified? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |

Comments:

Checklist Completed B MBC

Reviewed By: ATL 11/11/11

APPENDIX C
MAROS STATISTICAL ANALYSIS REPORTS

November 23, 2011

Andrew Stuart
ATC Associates Inc.
2925 E. Patrick Lane
Las Vegas, NV 89120
TEL: (702) 798-5750
FAX: (702) 798-5742

CA-ELAP No.: 2676
NV Cert. No.: NV-009222007A

Workorder No.: N006821

RE: MARYLAND SQUARE SHOPPING CENTER

Attention: Andrew Stuart

Enclosed are the results for sample(s) received on November 14, 2011 by Advanced Technology Laboratories, Inc. . The sample(s) are tested for the parameters as indicated in the enclosed chain of custody in accordance with the applicable laboratory certifications.

I hereby certify that all laboratory analysis requested were performed by Nevada Division of Environmental Protection-certified laboratory for the parameters and matrices reported herein.

Thank you for the opportunity to service the needs of your company. Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,



Jose Tenorio Jr.
Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and cannot be reproduced in part or in its entirety without written permission from the client and Advanced Technology Laboratories - Las Vegas.



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

CLIENT: ATC Associates Inc.
Project: MARYLAND SQUARE SHOPPING CENTER
Lab Order: N006821

CASE NARRATIVE

SAMPLE RECEIVING/GENERAL COMMENTS:

Samples were received intact with proper chain of custody documentation.

Cooler temperature and sample preservation were verified upon receipt of samples if applicable.

Information on sample receipt conditions including discrepancies can be found in attached Sample Receipt Checklist Form.

Samples were analyzed within method holding time.

Analytical Comments for EPA 8260B:

For samples RINSE AID, FIELD BLANK, and TRIP BLANK, the methylene chloride detected in the samples are possibly due to laboratory contamination due to DI water provided to client. Methylene chloride is a solvent commonly used for semivolatile organic extraction. All samples were none detect (ND) for methylene chloride.

Laboratory Control Sample (LCS) and Matrix Spike (MS) were high for trans-1,2-Dichloroethene on batch D11VW169. Sample results were non-detect (ND) for this analyte therefore reanalysis of the samples was not necessary.



Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 23-Nov-11

CLIENT:	ATC Associates Inc.	Client Sample ID:	TRIP BLANK
Lab Order:	N006821	Collection Date:	11/12/2011 7:30:00 AM
Project:	MARYLAND SQUARE SHOPPING CENTE	Matrix:	WATER
Lab ID:	N006821-001A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111118A	QC Batch: D11VW169	PrepDate:	Analyst: QBM		
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1	11/18/2011 04:28 PM
1,1,1-Trichloroethane	ND	0.50	µg/L	1	11/18/2011 04:28 PM
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1	11/18/2011 04:28 PM
1,1,2-Trichloroethane	ND	0.50	µg/L	1	11/18/2011 04:28 PM
1,1-Dichloroethane	ND	0.50	µg/L	1	11/18/2011 04:28 PM
1,1-Dichloroethene	ND	0.50	µg/L	1	11/18/2011 04:28 PM
1,1-Dichloropropene	ND	0.50	µg/L	1	11/18/2011 04:28 PM
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1	11/18/2011 04:28 PM
1,2,3-Trichloropropane	ND	0.50	µg/L	1	11/18/2011 04:28 PM
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	11/18/2011 04:28 PM
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1	11/18/2011 04:28 PM
1,2-Dibromo-3-chloropropane	ND	1.0	µg/L	1	11/18/2011 04:28 PM
1,2-Dibromoethane	ND	0.50	µg/L	1	11/18/2011 04:28 PM
1,2-Dichlorobenzene	ND	0.50	µg/L	1	11/18/2011 04:28 PM
1,2-Dichloroethane	ND	0.50	µg/L	1	11/18/2011 04:28 PM
1,2-Dichloropropane	ND	0.50	µg/L	1	11/18/2011 04:28 PM
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1	11/18/2011 04:28 PM
1,3-Dichlorobenzene	ND	0.50	µg/L	1	11/18/2011 04:28 PM
1,3-Dichloropropane	ND	0.50	µg/L	1	11/18/2011 04:28 PM
1,4-Dichlorobenzene	ND	0.50	µg/L	1	11/18/2011 04:28 PM
2,2-Dichloropropane	ND	0.50	µg/L	1	11/18/2011 04:28 PM
2-Chlorotoluene	ND	0.50	µg/L	1	11/18/2011 04:28 PM
4-Chlorotoluene	ND	0.50	µg/L	1	11/18/2011 04:28 PM
4-Isopropyltoluene	ND	0.50	µg/L	1	11/18/2011 04:28 PM
Benzene	ND	0.50	µg/L	1	11/18/2011 04:28 PM
Bromobenzene	ND	0.50	µg/L	1	11/18/2011 04:28 PM
Bromodichloromethane	ND	0.50	µg/L	1	11/18/2011 04:28 PM
Bromoform	ND	0.50	µg/L	1	11/18/2011 04:28 PM
Bromomethane	ND	0.50	µg/L	1	11/18/2011 04:28 PM
Carbon tetrachloride	ND	0.50	µg/L	1	11/18/2011 04:28 PM
Chlorobenzene	ND	0.50	µg/L	1	11/18/2011 04:28 PM
Chloroethane	ND	0.50	µg/L	1	11/18/2011 04:28 PM
Chloroform	ND	0.50	µg/L	1	11/18/2011 04:28 PM
Chloromethane	ND	0.50	µg/L	1	11/18/2011 04:28 PM
cis-1,2-Dichloroethene	ND	0.50	µg/L	1	11/18/2011 04:28 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	



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 23-Nov-11

CLIENT:	ATC Associates Inc.	Client Sample ID:	TRIP BLANK
Lab Order:	N006821	Collection Date:	11/12/2011 7:30:00 AM
Project:	MARYLAND SQUARE SHOPPING CENTE	Matrix:	WATER
Lab ID:	N006821-001A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_11118A	QC Batch: D11VW169	PrepDate:	Analyst: QBM		
Dibromochloromethane	ND	0.50	µg/L	1	11/18/2011 04:28 PM
Dibromomethane	ND	0.50	µg/L	1	11/18/2011 04:28 PM
Dichlorodifluoromethane	ND	0.50	µg/L	1	11/18/2011 04:28 PM
Ethylbenzene	ND	0.50	µg/L	1	11/18/2011 04:28 PM
Hexachlorobutadiene	ND	0.50	µg/L	1	11/18/2011 04:28 PM
Isopropylbenzene	ND	0.50	µg/L	1	11/18/2011 04:28 PM
m,p-Xylene	ND	1.0	µg/L	1	11/18/2011 04:28 PM
Methylene chloride	3.1	1.0	µg/L	1	11/18/2011 04:28 PM
MTBE	ND	0.50	µg/L	1	11/18/2011 04:28 PM
n-Butylbenzene	ND	0.50	µg/L	1	11/18/2011 04:28 PM
n-Propylbenzene	ND	0.50	µg/L	1	11/18/2011 04:28 PM
Naphthalene	ND	0.50	µg/L	1	11/18/2011 04:28 PM
o-Xylene	ND	0.50	µg/L	1	11/18/2011 04:28 PM
sec-Butylbenzene	ND	0.50	µg/L	1	11/18/2011 04:28 PM
Styrene	ND	0.50	µg/L	1	11/18/2011 04:28 PM
tert-Butylbenzene	ND	0.50	µg/L	1	11/18/2011 04:28 PM
Tetrachloroethene	ND	0.50	µg/L	1	11/18/2011 04:28 PM
Toluene	ND	0.50	µg/L	1	11/18/2011 04:28 PM
trans-1,2-Dichloroethene	ND	0.50	µg/L	1	11/18/2011 04:28 PM
Trichloroethene	ND	0.50	µg/L	1	11/18/2011 04:28 PM
Trichlorofluoromethane	ND	0.50	µg/L	1	11/18/2011 04:28 PM
Vinyl chloride	ND	0.50	µg/L	1	11/18/2011 04:28 PM
Surr: 1,2-Dichloroethane-d4	89.9	56-120	%REC	1	11/18/2011 04:28 PM
Surr: 4-Bromofluorobenzene	94.0	80-120	%REC	1	11/18/2011 04:28 PM
Surr: Dibromofluoromethane	108	72-120	%REC	1	11/18/2011 04:28 PM
Surr: Toluene-d8	111	80-123	%REC	1	11/18/2011 04:28 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	



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3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 23-Nov-11

CLIENT:	ATC Associates Inc.	Client Sample ID:	MW-12
Lab Order:	N006821	Collection Date:	11/12/2011 8:34:00 AM
Project:	MARYLAND SQUARE SHOPPING CENTE	Matrix:	WATER
Lab ID:	N006821-002A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111118A	QC Batch: D11VW169	PrepDate:	Analyst: QBM		
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1	11/18/2011 05:40 PM
1,1,1-Trichloroethane	ND	0.50	µg/L	1	11/18/2011 05:40 PM
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1	11/18/2011 05:40 PM
1,1,2-Trichloroethane	ND	0.50	µg/L	1	11/18/2011 05:40 PM
1,1-Dichloroethane	ND	0.50	µg/L	1	11/18/2011 05:40 PM
1,1-Dichloroethene	ND	0.50	µg/L	1	11/18/2011 05:40 PM
1,1-Dichloropropene	ND	0.50	µg/L	1	11/18/2011 05:40 PM
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1	11/18/2011 05:40 PM
1,2,3-Trichloropropane	ND	0.50	µg/L	1	11/18/2011 05:40 PM
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	11/18/2011 05:40 PM
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1	11/18/2011 05:40 PM
1,2-Dibromo-3-chloropropane	ND	1.0	µg/L	1	11/18/2011 05:40 PM
1,2-Dibromoethane	ND	0.50	µg/L	1	11/18/2011 05:40 PM
1,2-Dichlorobenzene	ND	0.50	µg/L	1	11/18/2011 05:40 PM
1,2-Dichloroethane	ND	0.50	µg/L	1	11/18/2011 05:40 PM
1,2-Dichloropropane	ND	0.50	µg/L	1	11/18/2011 05:40 PM
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1	11/18/2011 05:40 PM
1,3-Dichlorobenzene	ND	0.50	µg/L	1	11/18/2011 05:40 PM
1,3-Dichloropropane	ND	0.50	µg/L	1	11/18/2011 05:40 PM
1,4-Dichlorobenzene	ND	0.50	µg/L	1	11/18/2011 05:40 PM
2,2-Dichloropropane	ND	0.50	µg/L	1	11/18/2011 05:40 PM
2-Chlorotoluene	ND	0.50	µg/L	1	11/18/2011 05:40 PM
4-Chlorotoluene	ND	0.50	µg/L	1	11/18/2011 05:40 PM
4-Isopropyltoluene	ND	0.50	µg/L	1	11/18/2011 05:40 PM
Benzene	ND	0.50	µg/L	1	11/18/2011 05:40 PM
Bromobenzene	ND	0.50	µg/L	1	11/18/2011 05:40 PM
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Chloroethane	ND	0.50	µg/L	1	11/18/2011 05:40 PM
Chloroform	3.5	0.50	µg/L	1	11/18/2011 05:40 PM
Chloromethane	ND	0.50	µg/L	1	11/18/2011 05:40 PM
cis-1,2-Dichloroethene	ND	0.50	µg/L	1	11/18/2011 05:40 PM

Qualifiers:	B Analyte detected in the associated Method Blank	E Value above quantitation range
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ANALYTICAL RESULTS

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Project:	MARYLAND SQUARE SHOPPING CENTE	Matrix:	WATER
Lab ID:	N006821-002A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

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Dibromomethane	ND	0.50	µg/L	1	11/18/2011 05:40 PM
Dichlorodifluoromethane	ND	0.50	µg/L	1	11/18/2011 05:40 PM
Ethylbenzene	ND	0.50	µg/L	1	11/18/2011 05:40 PM
Hexachlorobutadiene	ND	0.50	µg/L	1	11/18/2011 05:40 PM
Isopropylbenzene	ND	0.50	µg/L	1	11/18/2011 05:40 PM
m,p-Xylene	ND	1.0	µg/L	1	11/18/2011 05:40 PM
Methylene chloride	ND	1.0	µg/L	1	11/18/2011 05:40 PM
MTBE	ND	0.50	µg/L	1	11/18/2011 05:40 PM
n-Butylbenzene	ND	0.50	µg/L	1	11/18/2011 05:40 PM
n-Propylbenzene	ND	0.50	µg/L	1	11/18/2011 05:40 PM
Naphthalene	ND	0.50	µg/L	1	11/18/2011 05:40 PM
o-Xylene	ND	0.50	µg/L	1	11/18/2011 05:40 PM
sec-Butylbenzene	ND	0.50	µg/L	1	11/18/2011 05:40 PM
Styrene	ND	0.50	µg/L	1	11/18/2011 05:40 PM
tert-Butylbenzene	ND	0.50	µg/L	1	11/18/2011 05:40 PM
Tetrachloroethene	0.95	0.50	µg/L	1	11/18/2011 05:40 PM
Toluene	ND	0.50	µg/L	1	11/18/2011 05:40 PM
trans-1,2-Dichloroethene	ND	0.50	µg/L	1	11/18/2011 05:40 PM
Trichloroethene	ND	0.50	µg/L	1	11/18/2011 05:40 PM
Trichlorofluoromethane	ND	0.50	µg/L	1	11/18/2011 05:40 PM
Vinyl chloride	ND	0.50	µg/L	1	11/18/2011 05:40 PM
Surr: 1,2-Dichloroethane-d4	100	56-120	%REC	1	11/18/2011 05:40 PM
Surr: 4-Bromofluorobenzene	98.6	80-120	%REC	1	11/18/2011 05:40 PM
Surr: Dibromofluoromethane	116	72-120	%REC	1	11/18/2011 05:40 PM
Surr: Toluene-d8	115	80-123	%REC	1	11/18/2011 05:40 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	



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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 23-Nov-11

CLIENT:	ATC Associates Inc.	Client Sample ID:	MW-7
Lab Order:	N006821	Collection Date:	11/12/2011 9:00:00 AM
Project:	MARYLAND SQUARE SHOPPING CENTE	Matrix:	WATER
Lab ID:	N006821-003A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111118A	QC Batch: D11VW169	PrepDate:	Analyst: QBM
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L 1 11/18/2011 06:04 PM
1,1,1-Trichloroethane	ND	0.50	µg/L 1 11/18/2011 06:04 PM
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L 1 11/18/2011 06:04 PM
1,1,2-Trichloroethane	ND	0.50	µg/L 1 11/18/2011 06:04 PM
1,1-Dichloroethane	ND	0.50	µg/L 1 11/18/2011 06:04 PM
1,1-Dichloroethene	ND	0.50	µg/L 1 11/18/2011 06:04 PM
1,1-Dichloropropene	ND	0.50	µg/L 1 11/18/2011 06:04 PM
1,2,3-Trichlorobenzene	ND	0.50	µg/L 1 11/18/2011 06:04 PM
1,2,3-Trichloropropane	ND	0.50	µg/L 1 11/18/2011 06:04 PM
1,2,4-Trichlorobenzene	ND	0.50	µg/L 1 11/18/2011 06:04 PM
1,2,4-Trimethylbenzene	ND	0.50	µg/L 1 11/18/2011 06:04 PM
1,2-Dibromo-3-chloropropane	ND	1.0	µg/L 1 11/18/2011 06:04 PM
1,2-Dibromoethane	ND	0.50	µg/L 1 11/18/2011 06:04 PM
1,2-Dichlorobenzene	ND	0.50	µg/L 1 11/18/2011 06:04 PM
1,2-Dichloroethane	ND	0.50	µg/L 1 11/18/2011 06:04 PM
1,2-Dichloropropane	ND	0.50	µg/L 1 11/18/2011 06:04 PM
1,3,5-Trimethylbenzene	ND	0.50	µg/L 1 11/18/2011 06:04 PM
1,3-Dichlorobenzene	ND	0.50	µg/L 1 11/18/2011 06:04 PM
1,3-Dichloropropane	ND	0.50	µg/L 1 11/18/2011 06:04 PM
1,4-Dichlorobenzene	ND	0.50	µg/L 1 11/18/2011 06:04 PM
2,2-Dichloropropane	ND	0.50	µg/L 1 11/18/2011 06:04 PM
2-Chlorotoluene	ND	0.50	µg/L 1 11/18/2011 06:04 PM
4-Chlorotoluene	ND	0.50	µg/L 1 11/18/2011 06:04 PM
4-Isopropyltoluene	ND	0.50	µg/L 1 11/18/2011 06:04 PM
Benzene	ND	0.50	µg/L 1 11/18/2011 06:04 PM
Bromobenzene	ND	0.50	µg/L 1 11/18/2011 06:04 PM
Bromodichloromethane	ND	0.50	µg/L 1 11/18/2011 06:04 PM
Bromoform	ND	0.50	µg/L 1 11/18/2011 06:04 PM
Bromomethane	ND	0.50	µg/L 1 11/18/2011 06:04 PM
Carbon tetrachloride	ND	0.50	µg/L 1 11/18/2011 06:04 PM
Chlorobenzene	ND	0.50	µg/L 1 11/18/2011 06:04 PM
Chloroethane	ND	0.50	µg/L 1 11/18/2011 06:04 PM
Chloroform	6.0	0.50	µg/L 1 11/18/2011 06:04 PM
Chloromethane	ND	0.50	µg/L 1 11/18/2011 06:04 PM
cis-1,2-Dichloroethene	ND	0.50	µg/L 1 11/18/2011 06:04 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	



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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 23-Nov-11

CLIENT:	ATC Associates Inc.	Client Sample ID:	MW-7
Lab Order:	N006821	Collection Date:	11/12/2011 9:00:00 AM
Project:	MARYLAND SQUARE SHOPPING CENTE	Matrix:	WATER
Lab ID:	N006821-003A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111118A	QC Batch: D11VW169	PrepDate:	Analyst: QBM		
Dibromochloromethane	ND	0.50	µg/L	1	11/18/2011 06:04 PM
Dibromomethane	ND	0.50	µg/L	1	11/18/2011 06:04 PM
Dichlorodifluoromethane	ND	0.50	µg/L	1	11/18/2011 06:04 PM
Ethylbenzene	ND	0.50	µg/L	1	11/18/2011 06:04 PM
Hexachlorobutadiene	ND	0.50	µg/L	1	11/18/2011 06:04 PM
Isopropylbenzene	ND	0.50	µg/L	1	11/18/2011 06:04 PM
m,p-Xylene	ND	1.0	µg/L	1	11/18/2011 06:04 PM
Methylene chloride	ND	1.0	µg/L	1	11/18/2011 06:04 PM
MTBE	ND	0.50	µg/L	1	11/18/2011 06:04 PM
n-Butylbenzene	ND	0.50	µg/L	1	11/18/2011 06:04 PM
n-Propylbenzene	ND	0.50	µg/L	1	11/18/2011 06:04 PM
Naphthalene	ND	0.50	µg/L	1	11/18/2011 06:04 PM
o-Xylene	ND	0.50	µg/L	1	11/18/2011 06:04 PM
sec-Butylbenzene	ND	0.50	µg/L	1	11/18/2011 06:04 PM
Styrene	ND	0.50	µg/L	1	11/18/2011 06:04 PM
tert-Butylbenzene	ND	0.50	µg/L	1	11/18/2011 06:04 PM
Tetrachloroethene	8.9	0.50	µg/L	1	11/18/2011 06:04 PM
Toluene	ND	0.50	µg/L	1	11/18/2011 06:04 PM
trans-1,2-Dichloroethene	ND	0.50	µg/L	1	11/18/2011 06:04 PM
Trichloroethene	ND	0.50	µg/L	1	11/18/2011 06:04 PM
Trichlorofluoromethane	ND	0.50	µg/L	1	11/18/2011 06:04 PM
Vinyl chloride	ND	0.50	µg/L	1	11/18/2011 06:04 PM
Surr: 1,2-Dichloroethane-d4	100	56-120	%REC	1	11/18/2011 06:04 PM
Surr: 4-Bromofluorobenzene	97.7	80-120	%REC	1	11/18/2011 06:04 PM
Surr: Dibromofluoromethane	115	72-120	%REC	1	11/18/2011 06:04 PM
Surr: Toluene-d8	117	80-123	%REC	1	11/18/2011 06:04 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	



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ANALYTICAL RESULTS

Print Date: 23-Nov-11

CLIENT:	ATC Associates Inc.	Client Sample ID:	MW-9
Lab Order:	N006821	Collection Date:	11/12/2011 9:45:00 AM
Project:	MARYLAND SQUARE SHOPPING CENTE	Matrix:	WATER
Lab ID:	N006821-004A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111118A	QC Batch: D11VW169	PrepDate:	Analyst: QBM		
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1	11/18/2011 06:28 PM
1,1,1-Trichloroethane	ND	0.50	µg/L	1	11/18/2011 06:28 PM
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1	11/18/2011 06:28 PM
1,1,2-Trichloroethane	ND	0.50	µg/L	1	11/18/2011 06:28 PM
1,1-Dichloroethane	ND	0.50	µg/L	1	11/18/2011 06:28 PM
1,1-Dichloroethene	ND	0.50	µg/L	1	11/18/2011 06:28 PM
1,1-Dichloropropene	ND	0.50	µg/L	1	11/18/2011 06:28 PM
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1	11/18/2011 06:28 PM
1,2,3-Trichloropropane	ND	0.50	µg/L	1	11/18/2011 06:28 PM
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	11/18/2011 06:28 PM
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1	11/18/2011 06:28 PM
1,2-Dibromo-3-chloropropane	ND	1.0	µg/L	1	11/18/2011 06:28 PM
1,2-Dibromoethane	ND	0.50	µg/L	1	11/18/2011 06:28 PM
1,2-Dichlorobenzene	ND	0.50	µg/L	1	11/18/2011 06:28 PM
1,2-Dichloroethane	ND	0.50	µg/L	1	11/18/2011 06:28 PM
1,2-Dichloropropane	ND	0.50	µg/L	1	11/18/2011 06:28 PM
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1	11/18/2011 06:28 PM
1,3-Dichlorobenzene	ND	0.50	µg/L	1	11/18/2011 06:28 PM
1,3-Dichloropropane	ND	0.50	µg/L	1	11/18/2011 06:28 PM
1,4-Dichlorobenzene	ND	0.50	µg/L	1	11/18/2011 06:28 PM
2,2-Dichloropropane	ND	0.50	µg/L	1	11/18/2011 06:28 PM
2-Chlorotoluene	ND	0.50	µg/L	1	11/18/2011 06:28 PM
4-Chlorotoluene	ND	0.50	µg/L	1	11/18/2011 06:28 PM
4-Isopropyltoluene	ND	0.50	µg/L	1	11/18/2011 06:28 PM
Benzene	ND	0.50	µg/L	1	11/18/2011 06:28 PM
Bromobenzene	ND	0.50	µg/L	1	11/18/2011 06:28 PM
Bromodichloromethane	ND	0.50	µg/L	1	11/18/2011 06:28 PM
Bromoform	ND	0.50	µg/L	1	11/18/2011 06:28 PM
Bromomethane	ND	0.50	µg/L	1	11/18/2011 06:28 PM
Carbon tetrachloride	ND	0.50	µg/L	1	11/18/2011 06:28 PM
Chlorobenzene	ND	0.50	µg/L	1	11/18/2011 06:28 PM
Chloroethane	ND	0.50	µg/L	1	11/18/2011 06:28 PM
Chloroform	0.72	0.50	µg/L	1	11/18/2011 06:28 PM
Chloromethane	ND	0.50	µg/L	1	11/18/2011 06:28 PM
cis-1,2-Dichloroethene	ND	0.50	µg/L	1	11/18/2011 06:28 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	



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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 23-Nov-11

CLIENT:	ATC Associates Inc.	Client Sample ID:	MW-9
Lab Order:	N006821	Collection Date:	11/12/2011 9:45:00 AM
Project:	MARYLAND SQUARE SHOPPING CENTE	Matrix:	WATER
Lab ID:	N006821-004A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111118A	QC Batch: D11VW169	PrepDate:	Analyst: QBM		
Dibromochloromethane	ND	0.50	µg/L	1	11/18/2011 06:28 PM
Dibromomethane	ND	0.50	µg/L	1	11/18/2011 06:28 PM
Dichlorodifluoromethane	ND	0.50	µg/L	1	11/18/2011 06:28 PM
Ethylbenzene	ND	0.50	µg/L	1	11/18/2011 06:28 PM
Hexachlorobutadiene	ND	0.50	µg/L	1	11/18/2011 06:28 PM
Isopropylbenzene	ND	0.50	µg/L	1	11/18/2011 06:28 PM
m,p-Xylene	ND	1.0	µg/L	1	11/18/2011 06:28 PM
Methylene chloride	ND	1.0	µg/L	1	11/18/2011 06:28 PM
MTBE	ND	0.50	µg/L	1	11/18/2011 06:28 PM
n-Butylbenzene	ND	0.50	µg/L	1	11/18/2011 06:28 PM
n-Propylbenzene	ND	0.50	µg/L	1	11/18/2011 06:28 PM
Naphthalene	ND	0.50	µg/L	1	11/18/2011 06:28 PM
o-Xylene	ND	0.50	µg/L	1	11/18/2011 06:28 PM
sec-Butylbenzene	ND	0.50	µg/L	1	11/18/2011 06:28 PM
Styrene	ND	0.50	µg/L	1	11/18/2011 06:28 PM
tert-Butylbenzene	ND	0.50	µg/L	1	11/18/2011 06:28 PM
Tetrachloroethene	5.6	0.50	µg/L	1	11/18/2011 06:28 PM
Toluene	ND	0.50	µg/L	1	11/18/2011 06:28 PM
trans-1,2-Dichloroethene	ND	0.50	µg/L	1	11/18/2011 06:28 PM
Trichloroethene	ND	0.50	µg/L	1	11/18/2011 06:28 PM
Trichlorofluoromethane	ND	0.50	µg/L	1	11/18/2011 06:28 PM
Vinyl chloride	ND	0.50	µg/L	1	11/18/2011 06:28 PM
Surr: 1,2-Dichloroethane-d4	102	56-120	%REC	1	11/18/2011 06:28 PM
Surr: 4-Bromofluorobenzene	96.4	80-120	%REC	1	11/18/2011 06:28 PM
Surr: Dibromofluoromethane	119	72-120	%REC	1	11/18/2011 06:28 PM
Surr: Toluene-d8	115	80-123	%REC	1	11/18/2011 06:28 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	



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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 23-Nov-11

CLIENT:	ATC Associates Inc.	Client Sample ID:	MW-8
Lab Order:	N006821	Collection Date:	11/12/2011 10:15:00 AM
Project:	MARYLAND SQUARE SHOPPING CENTE	Matrix:	WATER
Lab ID:	N006821-005A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111118A	QC Batch: D11VW169	PrepDate:	Analyst: QBM
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L 1 11/18/2011 06:51 PM
1,1,1-Trichloroethane	ND	0.50	µg/L 1 11/18/2011 06:51 PM
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L 1 11/18/2011 06:51 PM
1,1,2-Trichloroethane	ND	0.50	µg/L 1 11/18/2011 06:51 PM
1,1-Dichloroethane	ND	0.50	µg/L 1 11/18/2011 06:51 PM
1,1-Dichloroethene	ND	0.50	µg/L 1 11/18/2011 06:51 PM
1,1-Dichloropropene	ND	0.50	µg/L 1 11/18/2011 06:51 PM
1,2,3-Trichlorobenzene	ND	0.50	µg/L 1 11/18/2011 06:51 PM
1,2,3-Trichloropropane	ND	0.50	µg/L 1 11/18/2011 06:51 PM
1,2,4-Trichlorobenzene	ND	0.50	µg/L 1 11/18/2011 06:51 PM
1,2,4-Trimethylbenzene	ND	0.50	µg/L 1 11/18/2011 06:51 PM
1,2-Dibromo-3-chloropropane	ND	1.0	µg/L 1 11/18/2011 06:51 PM
1,2-Dibromoethane	ND	0.50	µg/L 1 11/18/2011 06:51 PM
1,2-Dichlorobenzene	ND	0.50	µg/L 1 11/18/2011 06:51 PM
1,2-Dichloroethane	ND	0.50	µg/L 1 11/18/2011 06:51 PM
1,2-Dichloropropane	ND	0.50	µg/L 1 11/18/2011 06:51 PM
1,3,5-Trimethylbenzene	ND	0.50	µg/L 1 11/18/2011 06:51 PM
1,3-Dichlorobenzene	ND	0.50	µg/L 1 11/18/2011 06:51 PM
1,3-Dichloropropane	ND	0.50	µg/L 1 11/18/2011 06:51 PM
1,4-Dichlorobenzene	ND	0.50	µg/L 1 11/18/2011 06:51 PM
2,2-Dichloropropane	ND	0.50	µg/L 1 11/18/2011 06:51 PM
2-Chlorotoluene	ND	0.50	µg/L 1 11/18/2011 06:51 PM
4-Chlorotoluene	ND	0.50	µg/L 1 11/18/2011 06:51 PM
4-Isopropyltoluene	ND	0.50	µg/L 1 11/18/2011 06:51 PM
Benzene	ND	0.50	µg/L 1 11/18/2011 06:51 PM
Bromobenzene	ND	0.50	µg/L 1 11/18/2011 06:51 PM
Bromodichloromethane	ND	0.50	µg/L 1 11/18/2011 06:51 PM
Bromoform	ND	0.50	µg/L 1 11/18/2011 06:51 PM
Bromomethane	ND	0.50	µg/L 1 11/18/2011 06:51 PM
Carbon tetrachloride	ND	0.50	µg/L 1 11/18/2011 06:51 PM
Chlorobenzene	ND	0.50	µg/L 1 11/18/2011 06:51 PM
Chloroethane	ND	0.50	µg/L 1 11/18/2011 06:51 PM
Chloroform	9.0	0.50	µg/L 1 11/18/2011 06:51 PM
Chloromethane	ND	0.50	µg/L 1 11/18/2011 06:51 PM
cis-1,2-Dichloroethene	ND	0.50	µg/L 1 11/18/2011 06:51 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	



**Advanced Technology
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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 23-Nov-11

CLIENT:	ATC Associates Inc.	Client Sample ID:	MW-8
Lab Order:	N006821	Collection Date:	11/12/2011 10:15:00 AM
Project:	MARYLAND SQUARE SHOPPING CENTE	Matrix:	WATER
Lab ID:	N006821-005A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111118A	QC Batch: D11VW169	PrepDate:	Analyst: QBM		
Dibromochloromethane	ND	0.50	µg/L	1	11/18/2011 06:51 PM
Dibromomethane	ND	0.50	µg/L	1	11/18/2011 06:51 PM
Dichlorodifluoromethane	ND	0.50	µg/L	1	11/18/2011 06:51 PM
Ethylbenzene	ND	0.50	µg/L	1	11/18/2011 06:51 PM
Hexachlorobutadiene	ND	0.50	µg/L	1	11/18/2011 06:51 PM
Isopropylbenzene	ND	0.50	µg/L	1	11/18/2011 06:51 PM
m,p-Xylene	ND	1.0	µg/L	1	11/18/2011 06:51 PM
Methylene chloride	ND	1.0	µg/L	1	11/18/2011 06:51 PM
MTBE	ND	0.50	µg/L	1	11/18/2011 06:51 PM
n-Butylbenzene	ND	0.50	µg/L	1	11/18/2011 06:51 PM
n-Propylbenzene	ND	0.50	µg/L	1	11/18/2011 06:51 PM
Naphthalene	ND	0.50	µg/L	1	11/18/2011 06:51 PM
o-Xylene	ND	0.50	µg/L	1	11/18/2011 06:51 PM
sec-Butylbenzene	ND	0.50	µg/L	1	11/18/2011 06:51 PM
Styrene	ND	0.50	µg/L	1	11/18/2011 06:51 PM
tert-Butylbenzene	ND	0.50	µg/L	1	11/18/2011 06:51 PM
Tetrachloroethene	2.7	0.50	µg/L	1	11/18/2011 06:51 PM
Toluene	ND	0.50	µg/L	1	11/18/2011 06:51 PM
trans-1,2-Dichloroethene	ND	0.50	µg/L	1	11/18/2011 06:51 PM
Trichloroethene	ND	0.50	µg/L	1	11/18/2011 06:51 PM
Trichlorofluoromethane	ND	0.50	µg/L	1	11/18/2011 06:51 PM
Vinyl chloride	ND	0.50	µg/L	1	11/18/2011 06:51 PM
Surr: 1,2-Dichloroethane-d4	101	56-120	%REC	1	11/18/2011 06:51 PM
Surr: 4-Bromofluorobenzene	98.0	80-120	%REC	1	11/18/2011 06:51 PM
Surr: Dibromofluoromethane	118	72-120	%REC	1	11/18/2011 06:51 PM
Surr: Toluene-d8	118	80-123	%REC	1	11/18/2011 06:51 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	



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ANALYTICAL RESULTS

Print Date: 23-Nov-11

CLIENT:	ATC Associates Inc.	Client Sample ID:	MW-8D
Lab Order:	N006821	Collection Date:	11/12/2011 10:15:00 AM
Project:	MARYLAND SQUARE SHOPPING CENTE	Matrix:	WATER
Lab ID:	N006821-006A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111122A	QC Batch: D11VW170	PrepDate:	Analyst: QBM		
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1	11/22/2011 03:12 PM
1,1,1-Trichloroethane	ND	0.50	µg/L	1	11/22/2011 03:12 PM
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1	11/22/2011 03:12 PM
1,1,2-Trichloroethane	ND	0.50	µg/L	1	11/22/2011 03:12 PM
1,1-Dichloroethane	ND	0.50	µg/L	1	11/22/2011 03:12 PM
1,1-Dichloroethene	ND	0.50	µg/L	1	11/22/2011 03:12 PM
1,1-Dichloropropene	ND	0.50	µg/L	1	11/22/2011 03:12 PM
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1	11/22/2011 03:12 PM
1,2,3-Trichloropropane	ND	0.50	µg/L	1	11/22/2011 03:12 PM
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	11/22/2011 03:12 PM
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1	11/22/2011 03:12 PM
1,2-Dibromo-3-chloropropane	ND	1.0	µg/L	1	11/22/2011 03:12 PM
1,2-Dibromoethane	ND	0.50	µg/L	1	11/22/2011 03:12 PM
1,2-Dichlorobenzene	ND	0.50	µg/L	1	11/22/2011 03:12 PM
1,2-Dichloroethane	ND	0.50	µg/L	1	11/22/2011 03:12 PM
1,2-Dichloropropane	ND	0.50	µg/L	1	11/22/2011 03:12 PM
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1	11/22/2011 03:12 PM
1,3-Dichlorobenzene	ND	0.50	µg/L	1	11/22/2011 03:12 PM
1,3-Dichloropropane	ND	0.50	µg/L	1	11/22/2011 03:12 PM
1,4-Dichlorobenzene	ND	0.50	µg/L	1	11/22/2011 03:12 PM
2,2-Dichloropropane	ND	0.50	µg/L	1	11/22/2011 03:12 PM
2-Chlorotoluene	ND	0.50	µg/L	1	11/22/2011 03:12 PM
4-Chlorotoluene	ND	0.50	µg/L	1	11/22/2011 03:12 PM
4-Isopropyltoluene	ND	0.50	µg/L	1	11/22/2011 03:12 PM
Benzene	ND	0.50	µg/L	1	11/22/2011 03:12 PM
Bromobenzene	ND	0.50	µg/L	1	11/22/2011 03:12 PM
Bromodichloromethane	ND	0.50	µg/L	1	11/22/2011 03:12 PM
Bromoform	ND	0.50	µg/L	1	11/22/2011 03:12 PM
Bromomethane	ND	0.50	µg/L	1	11/22/2011 03:12 PM
Carbon tetrachloride	ND	0.50	µg/L	1	11/22/2011 03:12 PM
Chlorobenzene	ND	0.50	µg/L	1	11/22/2011 03:12 PM
Chloroethane	ND	0.50	µg/L	1	11/22/2011 03:12 PM
Chloroform	6.6	0.50	µg/L	1	11/22/2011 03:12 PM
Chloromethane	ND	0.50	µg/L	1	11/22/2011 03:12 PM
cis-1,2-Dichloroethene	ND	0.50	µg/L	1	11/22/2011 03:12 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	



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 23-Nov-11

CLIENT:	ATC Associates Inc.	Client Sample ID:	MW-8D
Lab Order:	N006821	Collection Date:	11/12/2011 10:15:00 AM
Project:	MARYLAND SQUARE SHOPPING CENTE	Matrix:	WATER
Lab ID:	N006821-006A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111122A	QC Batch: D11VW170	PrepDate:	Analyst: QBM
Dibromochloromethane	ND	0.50	µg/L 1 11/22/2011 03:12 PM
Dibromomethane	ND	0.50	µg/L 1 11/22/2011 03:12 PM
Dichlorodifluoromethane	ND	0.50	µg/L 1 11/22/2011 03:12 PM
Ethylbenzene	ND	0.50	µg/L 1 11/22/2011 03:12 PM
Hexachlorobutadiene	ND	0.50	µg/L 1 11/22/2011 03:12 PM
Isopropylbenzene	ND	0.50	µg/L 1 11/22/2011 03:12 PM
m,p-Xylene	ND	1.0	µg/L 1 11/22/2011 03:12 PM
Methylene chloride	ND	1.0	µg/L 1 11/22/2011 03:12 PM
MTBE	ND	0.50	µg/L 1 11/22/2011 03:12 PM
n-Butylbenzene	ND	0.50	µg/L 1 11/22/2011 03:12 PM
n-Propylbenzene	ND	0.50	µg/L 1 11/22/2011 03:12 PM
Naphthalene	ND	0.50	µg/L 1 11/22/2011 03:12 PM
o-Xylene	ND	0.50	µg/L 1 11/22/2011 03:12 PM
sec-Butylbenzene	ND	0.50	µg/L 1 11/22/2011 03:12 PM
Styrene	ND	0.50	µg/L 1 11/22/2011 03:12 PM
tert-Butylbenzene	ND	0.50	µg/L 1 11/22/2011 03:12 PM
Tetrachloroethene	2.2	0.50	µg/L 1 11/22/2011 03:12 PM
Toluene	ND	0.50	µg/L 1 11/22/2011 03:12 PM
trans-1,2-Dichloroethene	ND	0.50	µg/L 1 11/22/2011 03:12 PM
Trichloroethene	ND	0.50	µg/L 1 11/22/2011 03:12 PM
Trichlorofluoromethane	ND	0.50	µg/L 1 11/22/2011 03:12 PM
Vinyl chloride	ND	0.50	µg/L 1 11/22/2011 03:12 PM
Surr: 1,2-Dichloroethane-d4	82.9	56-120	%REC 1 11/22/2011 03:12 PM
Surr: 4-Bromofluorobenzene	103	80-120	%REC 1 11/22/2011 03:12 PM
Surr: Dibromofluoromethane	89.9	72-120	%REC 1 11/22/2011 03:12 PM
Surr: Toluene-d8	103	80-123	%REC 1 11/22/2011 03:12 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	



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3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 23-Nov-11

CLIENT: ATC Associates Inc.

Client Sample ID: MW-17

Lab Order: N006821

Collection Date: 11/12/2011 10:45:00 AM

Project: MARYLAND SQUARE SHOPPING CENTE

Matrix: WATER

Lab ID: N006821-007A

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_111122A	QC Batch:	D11VW170	PrepDate:	Analyst:	QBM
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
1,1,1-Trichloroethane	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
1,1,2-Trichloroethane	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
1,1-Dichloroethane	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
1,1-Dichloroethene	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
1,1-Dichloropropene	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
1,2,3-Trichloropropane	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/L	1	11/22/2011 05:47 PM	
1,2-Dibromoethane	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
1,2-Dichlorobenzene	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
1,2-Dichloroethane	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
1,2-Dichloropropane	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
1,3-Dichlorobenzene	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
1,3-Dichloropropane	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
1,4-Dichlorobenzene	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
2,2-Dichloropropane	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
2-Chlorotoluene	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
4-Chlorotoluene	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
4-Isopropyltoluene	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
Benzene	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
Bromobenzene	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
Bromodichloromethane	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
Bromoform	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
Bromomethane	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
Carbon tetrachloride	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
Chlorobenzene	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
Chloroethane	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
Chloroform	1.7	0.50	µg/L	1	11/22/2011 05:47 PM	
Chloromethane	ND	0.50	µg/L	1	11/22/2011 05:47 PM	
cis-1,2-Dichloroethene	ND	0.50	µg/L	1	11/22/2011 05:47 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



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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 23-Nov-11

CLIENT:	ATC Associates Inc.	Client Sample ID:	MW-17
Lab Order:	N006821	Collection Date:	11/12/2011 10:45:00 AM
Project:	MARYLAND SQUARE SHOPPING CENTE	Matrix:	WATER
Lab ID:	N006821-007A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111122A	QC Batch: D11VW170	PrepDate:	Analyst: QBM		
Dibromochloromethane	ND	0.50	µg/L	1	11/22/2011 05:47 PM
Dibromomethane	ND	0.50	µg/L	1	11/22/2011 05:47 PM
Dichlorodifluoromethane	ND	0.50	µg/L	1	11/22/2011 05:47 PM
Ethylbenzene	ND	0.50	µg/L	1	11/22/2011 05:47 PM
Hexachlorobutadiene	ND	0.50	µg/L	1	11/22/2011 05:47 PM
Isopropylbenzene	ND	0.50	µg/L	1	11/22/2011 05:47 PM
m,p-Xylene	ND	1.0	µg/L	1	11/22/2011 05:47 PM
Methylene chloride	ND	1.0	µg/L	1	11/22/2011 05:47 PM
MTBE	ND	0.50	µg/L	1	11/22/2011 05:47 PM
n-Butylbenzene	ND	0.50	µg/L	1	11/22/2011 05:47 PM
n-Propylbenzene	ND	0.50	µg/L	1	11/22/2011 05:47 PM
Naphthalene	ND	0.50	µg/L	1	11/22/2011 05:47 PM
o-Xylene	ND	0.50	µg/L	1	11/22/2011 05:47 PM
sec-Butylbenzene	ND	0.50	µg/L	1	11/22/2011 05:47 PM
Styrene	ND	0.50	µg/L	1	11/22/2011 05:47 PM
tert-Butylbenzene	ND	0.50	µg/L	1	11/22/2011 05:47 PM
Tetrachloroethene	350	5.0	µg/L	10	11/22/2011 05:04 PM
Toluene	ND	0.50	µg/L	1	11/22/2011 05:47 PM
trans-1,2-Dichloroethene	ND	0.50	µg/L	1	11/22/2011 05:47 PM
Trichloroethene	ND	0.50	µg/L	1	11/22/2011 05:47 PM
Trichlorofluoromethane	ND	0.50	µg/L	1	11/22/2011 05:47 PM
Vinyl chloride	ND	0.50	µg/L	1	11/22/2011 05:47 PM
Surr: 1,2-Dichloroethane-d4	95.0	56-120	%REC	10	11/22/2011 05:04 PM
Surr: 1,2-Dichloroethane-d4	83.4	56-120	%REC	1	11/22/2011 05:47 PM
Surr: 4-Bromofluorobenzene	103	80-120	%REC	1	11/22/2011 05:47 PM
Surr: 4-Bromofluorobenzene	105	80-120	%REC	10	11/22/2011 05:04 PM
Surr: Dibromofluoromethane	90.0	72-120	%REC	1	11/22/2011 05:47 PM
Surr: Dibromofluoromethane	98.4	72-120	%REC	10	11/22/2011 05:04 PM
Surr: Toluene-d8	100	80-123	%REC	1	11/22/2011 05:47 PM
Surr: Toluene-d8	106	80-123	%REC	10	11/22/2011 05:04 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	



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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 23-Nov-11

CLIENT:	ATC Associates Inc.	Client Sample ID:	MW-1
Lab Order:	N006821	Collection Date:	11/12/2011 11:15:00 AM
Project:	MARYLAND SQUARE SHOPPING CENTE	Matrix:	WATER
Lab ID:	N006821-008A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111122A	QC Batch: D11VW170	PrepDate:	Analyst: QBM		
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1	11/22/2011 06:09 PM
1,1,1-Trichloroethane	ND	0.50	µg/L	1	11/22/2011 06:09 PM
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1	11/22/2011 06:09 PM
1,1,2-Trichloroethane	ND	0.50	µg/L	1	11/22/2011 06:09 PM
1,1-Dichloroethane	ND	0.50	µg/L	1	11/22/2011 06:09 PM
1,1-Dichloroethene	ND	0.50	µg/L	1	11/22/2011 06:09 PM
1,1-Dichloropropene	ND	0.50	µg/L	1	11/22/2011 06:09 PM
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1	11/22/2011 06:09 PM
1,2,3-Trichloropropane	ND	0.50	µg/L	1	11/22/2011 06:09 PM
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	11/22/2011 06:09 PM
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1	11/22/2011 06:09 PM
1,2-Dibromo-3-chloropropane	ND	1.0	µg/L	1	11/22/2011 06:09 PM
1,2-Dibromoethane	ND	0.50	µg/L	1	11/22/2011 06:09 PM
1,2-Dichlorobenzene	ND	0.50	µg/L	1	11/22/2011 06:09 PM
1,2-Dichloroethane	ND	0.50	µg/L	1	11/22/2011 06:09 PM
1,2-Dichloropropane	ND	0.50	µg/L	1	11/22/2011 06:09 PM
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1	11/22/2011 06:09 PM
1,3-Dichlorobenzene	ND	0.50	µg/L	1	11/22/2011 06:09 PM
1,3-Dichloropropane	ND	0.50	µg/L	1	11/22/2011 06:09 PM
1,4-Dichlorobenzene	ND	0.50	µg/L	1	11/22/2011 06:09 PM
2,2-Dichloropropane	ND	0.50	µg/L	1	11/22/2011 06:09 PM
2-Chlorotoluene	ND	0.50	µg/L	1	11/22/2011 06:09 PM
4-Chlorotoluene	ND	0.50	µg/L	1	11/22/2011 06:09 PM
4-Isopropyltoluene	ND	0.50	µg/L	1	11/22/2011 06:09 PM
Benzene	ND	0.50	µg/L	1	11/22/2011 06:09 PM
Bromobenzene	ND	0.50	µg/L	1	11/22/2011 06:09 PM
Bromodichloromethane	ND	0.50	µg/L	1	11/22/2011 06:09 PM
Bromoform	ND	0.50	µg/L	1	11/22/2011 06:09 PM
Bromomethane	ND	0.50	µg/L	1	11/22/2011 06:09 PM
Carbon tetrachloride	ND	0.50	µg/L	1	11/22/2011 06:09 PM
Chlorobenzene	ND	0.50	µg/L	1	11/22/2011 06:09 PM
Chloroethane	ND	0.50	µg/L	1	11/22/2011 06:09 PM
Chloroform	2.5	0.50	µg/L	1	11/22/2011 06:09 PM
Chloromethane	ND	0.50	µg/L	1	11/22/2011 06:09 PM
cis-1,2-Dichloroethene	ND	0.50	µg/L	1	11/22/2011 06:09 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	



**Advanced Technology
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3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 23-Nov-11

CLIENT:	ATC Associates Inc.	Client Sample ID:	MW-1
Lab Order:	N006821	Collection Date:	11/12/2011 11:15:00 AM
Project:	MARYLAND SQUARE SHOPPING CENTE	Matrix:	WATER
Lab ID:	N006821-008A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111122A	QC Batch: D11VW170	PrepDate:	Analyst: QBM		
Dibromochloromethane	ND	0.50	µg/L	1	11/22/2011 06:09 PM
Dibromomethane	ND	0.50	µg/L	1	11/22/2011 06:09 PM
Dichlorodifluoromethane	ND	0.50	µg/L	1	11/22/2011 06:09 PM
Ethylbenzene	ND	0.50	µg/L	1	11/22/2011 06:09 PM
Hexachlorobutadiene	ND	0.50	µg/L	1	11/22/2011 06:09 PM
Isopropylbenzene	ND	0.50	µg/L	1	11/22/2011 06:09 PM
m,p-Xylene	ND	1.0	µg/L	1	11/22/2011 06:09 PM
Methylene chloride	ND	1.0	µg/L	1	11/22/2011 06:09 PM
MTBE	ND	0.50	µg/L	1	11/22/2011 06:09 PM
n-Butylbenzene	ND	0.50	µg/L	1	11/22/2011 06:09 PM
n-Propylbenzene	ND	0.50	µg/L	1	11/22/2011 06:09 PM
Naphthalene	ND	0.50	µg/L	1	11/22/2011 06:09 PM
o-Xylene	ND	0.50	µg/L	1	11/22/2011 06:09 PM
sec-Butylbenzene	ND	0.50	µg/L	1	11/22/2011 06:09 PM
Styrene	ND	0.50	µg/L	1	11/22/2011 06:09 PM
tert-Butylbenzene	ND	0.50	µg/L	1	11/22/2011 06:09 PM
Tetrachloroethene	410	5.0	µg/L	10	11/22/2011 05:25 PM
Toluene	ND	0.50	µg/L	1	11/22/2011 06:09 PM
trans-1,2-Dichloroethene	ND	0.50	µg/L	1	11/22/2011 06:09 PM
Trichloroethene	ND	0.50	µg/L	1	11/22/2011 06:09 PM
Trichlorofluoromethane	ND	0.50	µg/L	1	11/22/2011 06:09 PM
Vinyl chloride	ND	0.50	µg/L	1	11/22/2011 06:09 PM
Surr: 1,2-Dichloroethane-d4	84.4	56-120	%REC	1	11/22/2011 06:09 PM
Surr: 4-Bromofluorobenzene	107	80-120	%REC	10	11/22/2011 05:25 PM
Surr: 4-Bromofluorobenzene	103	80-120	%REC	1	11/22/2011 06:09 PM
Surr: Dibromofluoromethane	91.2	72-120	%REC	1	11/22/2011 06:09 PM
Surr: Dibromofluoromethane	97.0	72-120	%REC	10	11/22/2011 05:25 PM
Surr: Toluene-d8	100	80-123	%REC	1	11/22/2011 06:09 PM
Surr: Toluene-d8	106	80-123	%REC	10	11/22/2011 05:25 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	



**Advanced Technology
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Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 23-Nov-11

CLIENT: ATC Associates Inc. **Client Sample ID:** RINSE AID
Lab Order: N006821 **Collection Date:** 11/12/2011 11:35:00 AM
Project: MARYLAND SQUARE SHOPPING CENTE **Matrix:** WATER
Lab ID: N006821-009A

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID:	MS1_111118A	QC Batch:	D11VW169	PrepDate:	Analyst:	QBM
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
1,1,1-Trichloroethane	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
1,1,2-Trichloroethane	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
1,1-Dichloroethane	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
1,1-Dichloroethene	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
1,1-Dichloropropene	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
1,2,3-Trichloropropane	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
1,2-Dibromo-3-chloropropane	ND	1.0	µg/L	1	11/18/2011 04:53 PM	
1,2-Dibromoethane	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
1,2-Dichlorobenzene	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
1,2-Dichloroethane	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
1,2-Dichloropropane	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
1,3-Dichlorobenzene	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
1,3-Dichloropropane	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
1,4-Dichlorobenzene	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
2,2-Dichloropropane	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
2-Chlorotoluene	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
4-Chlorotoluene	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
4-Isopropyltoluene	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
Benzene	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
Bromobenzene	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
Bromodichloromethane	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
Bromoform	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
Bromomethane	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
Carbon tetrachloride	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
Chlorobenzene	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
Chloroethane	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
Chloroform	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
Chloromethane	ND	0.50	µg/L	1	11/18/2011 04:53 PM	
cis-1,2-Dichloroethene	ND	0.50	µg/L	1	11/18/2011 04:53 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



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 23-Nov-11

CLIENT:	ATC Associates Inc.	Client Sample ID:	RINSE AID
Lab Order:	N006821	Collection Date:	11/12/2011 11:35:00 AM
Project:	MARYLAND SQUARE SHOPPING CENTE	Matrix:	WATER
Lab ID:	N006821-009A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_11118A	QC Batch: D11VW169	PrepDate:	Analyst: QBM		
Dibromochloromethane	ND	0.50	µg/L	1	11/18/2011 04:53 PM
Dibromomethane	ND	0.50	µg/L	1	11/18/2011 04:53 PM
Dichlorodifluoromethane	ND	0.50	µg/L	1	11/18/2011 04:53 PM
Ethylbenzene	ND	0.50	µg/L	1	11/18/2011 04:53 PM
Hexachlorobutadiene	ND	0.50	µg/L	1	11/18/2011 04:53 PM
Isopropylbenzene	ND	0.50	µg/L	1	11/18/2011 04:53 PM
m,p-Xylene	ND	1.0	µg/L	1	11/18/2011 04:53 PM
Methylene chloride	2.6	1.0	µg/L	1	11/18/2011 04:53 PM
MTBE	ND	0.50	µg/L	1	11/18/2011 04:53 PM
n-Butylbenzene	ND	0.50	µg/L	1	11/18/2011 04:53 PM
n-Propylbenzene	ND	0.50	µg/L	1	11/18/2011 04:53 PM
Naphthalene	ND	0.50	µg/L	1	11/18/2011 04:53 PM
o-Xylene	ND	0.50	µg/L	1	11/18/2011 04:53 PM
sec-Butylbenzene	ND	0.50	µg/L	1	11/18/2011 04:53 PM
Styrene	ND	0.50	µg/L	1	11/18/2011 04:53 PM
tert-Butylbenzene	ND	0.50	µg/L	1	11/18/2011 04:53 PM
Tetrachloroethene	ND	0.50	µg/L	1	11/18/2011 04:53 PM
Toluene	ND	0.50	µg/L	1	11/18/2011 04:53 PM
trans-1,2-Dichloroethene	ND	0.50	µg/L	1	11/18/2011 04:53 PM
Trichloroethene	ND	0.50	µg/L	1	11/18/2011 04:53 PM
Trichlorofluoromethane	ND	0.50	µg/L	1	11/18/2011 04:53 PM
Vinyl chloride	ND	0.50	µg/L	1	11/18/2011 04:53 PM
Surr: 1,2-Dichloroethane-d4	97.6	56-120	%REC	1	11/18/2011 04:53 PM
Surr: 4-Bromofluorobenzene	96.1	80-120	%REC	1	11/18/2011 04:53 PM
Surr: Dibromofluoromethane	112	72-120	%REC	1	11/18/2011 04:53 PM
Surr: Toluene-d8	112	80-123	%REC	1	11/18/2011 04:53 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	



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 23-Nov-11

CLIENT:	ATC Associates Inc.	Client Sample ID:	FIELD BLANK
Lab Order:	N006821	Collection Date:	11/12/2011 11:07:00 AM
Project:	MARYLAND SQUARE SHOPPING CENTE	Matrix:	WATER
Lab ID:	N006821-010A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111118A	QC Batch: D11VW169	PrepDate:	Analyst: QBM		
1,1,1,2-Tetrachloroethane	ND	0.50	µg/L	1	11/18/2011 05:16 PM
1,1,1-Trichloroethane	ND	0.50	µg/L	1	11/18/2011 05:16 PM
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1	11/18/2011 05:16 PM
1,1,2-Trichloroethane	ND	0.50	µg/L	1	11/18/2011 05:16 PM
1,1-Dichloroethane	ND	0.50	µg/L	1	11/18/2011 05:16 PM
1,1-Dichloroethene	ND	0.50	µg/L	1	11/18/2011 05:16 PM
1,1-Dichloropropene	ND	0.50	µg/L	1	11/18/2011 05:16 PM
1,2,3-Trichlorobenzene	ND	0.50	µg/L	1	11/18/2011 05:16 PM
1,2,3-Trichloropropane	ND	0.50	µg/L	1	11/18/2011 05:16 PM
1,2,4-Trichlorobenzene	ND	0.50	µg/L	1	11/18/2011 05:16 PM
1,2,4-Trimethylbenzene	ND	0.50	µg/L	1	11/18/2011 05:16 PM
1,2-Dibromo-3-chloropropane	ND	1.0	µg/L	1	11/18/2011 05:16 PM
1,2-Dibromoethane	ND	0.50	µg/L	1	11/18/2011 05:16 PM
1,2-Dichlorobenzene	ND	0.50	µg/L	1	11/18/2011 05:16 PM
1,2-Dichloroethane	ND	0.50	µg/L	1	11/18/2011 05:16 PM
1,2-Dichloropropane	ND	0.50	µg/L	1	11/18/2011 05:16 PM
1,3,5-Trimethylbenzene	ND	0.50	µg/L	1	11/18/2011 05:16 PM
1,3-Dichlorobenzene	ND	0.50	µg/L	1	11/18/2011 05:16 PM
1,3-Dichloropropane	ND	0.50	µg/L	1	11/18/2011 05:16 PM
1,4-Dichlorobenzene	ND	0.50	µg/L	1	11/18/2011 05:16 PM
2,2-Dichloropropane	ND	0.50	µg/L	1	11/18/2011 05:16 PM
2-Chlorotoluene	ND	0.50	µg/L	1	11/18/2011 05:16 PM
4-Chlorotoluene	ND	0.50	µg/L	1	11/18/2011 05:16 PM
4-Isopropyltoluene	ND	0.50	µg/L	1	11/18/2011 05:16 PM
Benzene	ND	0.50	µg/L	1	11/18/2011 05:16 PM
Bromobenzene	ND	0.50	µg/L	1	11/18/2011 05:16 PM
Bromodichloromethane	ND	0.50	µg/L	1	11/18/2011 05:16 PM
Bromoform	ND	0.50	µg/L	1	11/18/2011 05:16 PM
Bromomethane	ND	0.50	µg/L	1	11/18/2011 05:16 PM
Carbon tetrachloride	ND	0.50	µg/L	1	11/18/2011 05:16 PM
Chlorobenzene	ND	0.50	µg/L	1	11/18/2011 05:16 PM
Chloroethane	ND	0.50	µg/L	1	11/18/2011 05:16 PM
Chloroform	ND	0.50	µg/L	1	11/18/2011 05:16 PM
Chloromethane	ND	0.50	µg/L	1	11/18/2011 05:16 PM
cis-1,2-Dichloroethene	ND	0.50	µg/L	1	11/18/2011 05:16 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	



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 23-Nov-11

CLIENT:	ATC Associates Inc.	Client Sample ID:	FIELD BLANK
Lab Order:	N006821	Collection Date:	11/12/2011 11:07:00 AM
Project:	MARYLAND SQUARE SHOPPING CENTE	Matrix:	WATER
Lab ID:	N006821-010A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

RunID: MS1_111118A	QC Batch: D11VW169	PrepDate:	Analyst: QBM		
Dibromochloromethane	ND	0.50	µg/L	1	11/18/2011 05:16 PM
Dibromomethane	ND	0.50	µg/L	1	11/18/2011 05:16 PM
Dichlorodifluoromethane	ND	0.50	µg/L	1	11/18/2011 05:16 PM
Ethylbenzene	ND	0.50	µg/L	1	11/18/2011 05:16 PM
Hexachlorobutadiene	ND	0.50	µg/L	1	11/18/2011 05:16 PM
Isopropylbenzene	ND	0.50	µg/L	1	11/18/2011 05:16 PM
m,p-Xylene	ND	1.0	µg/L	1	11/18/2011 05:16 PM
Methylene chloride	3.2	1.0	µg/L	1	11/18/2011 05:16 PM
MTBE	ND	0.50	µg/L	1	11/18/2011 05:16 PM
n-Butylbenzene	ND	0.50	µg/L	1	11/18/2011 05:16 PM
n-Propylbenzene	ND	0.50	µg/L	1	11/18/2011 05:16 PM
Naphthalene	ND	0.50	µg/L	1	11/18/2011 05:16 PM
o-Xylene	ND	0.50	µg/L	1	11/18/2011 05:16 PM
sec-Butylbenzene	ND	0.50	µg/L	1	11/18/2011 05:16 PM
Styrene	ND	0.50	µg/L	1	11/18/2011 05:16 PM
tert-Butylbenzene	ND	0.50	µg/L	1	11/18/2011 05:16 PM
Tetrachloroethene	ND	0.50	µg/L	1	11/18/2011 05:16 PM
Toluene	ND	0.50	µg/L	1	11/18/2011 05:16 PM
trans-1,2-Dichloroethene	ND	0.50	µg/L	1	11/18/2011 05:16 PM
Trichloroethene	ND	0.50	µg/L	1	11/18/2011 05:16 PM
Trichlorofluoromethane	ND	0.50	µg/L	1	11/18/2011 05:16 PM
Vinyl chloride	ND	0.50	µg/L	1	11/18/2011 05:16 PM
Surr: 1,2-Dichloroethane-d4	97.8	56-120	%REC	1	11/18/2011 05:16 PM
Surr: 4-Bromofluorobenzene	98.6	80-120	%REC	1	11/18/2011 05:16 PM
Surr: Dibromofluoromethane	115	72-120	%REC	1	11/18/2011 05:16 PM
Surr: Toluene-d8	114	80-123	%REC	1	11/18/2011 05:16 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	



**Advanced Technology
Laboratories, Inc.**

3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 702-307-2691

Advanced Technology Laboratories, Inc.

Date: 23-Nov-11

CLIENT: ATC Associates Inc.
 Work Order: N006821

ANALYTICAL QC SUMMARY REPORT

Project: MARYLAND SQUARE SHOPPING CENTER

TestCode: 8260_WP_LL

Sample ID: D111118LCS	SampType: LCS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82196
Client ID: LCSW	Batch ID: D111WV169	TestNo: EPA 8260B		Analysis Date: 11/18/2011	SeqNo: 1326559

Analyte	Result	PQL	SPK value	SPK Ref Val	Units: µg/L	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	16.020	0.50	20.00	0		80.1	74	122				
1,1,1-Trichloroethane	17.140	0.50	20.00	0		85.7	65	120				
1,1,2,2-Tetrachloroethane	19.990	0.50	20.00	0		100	80	120				
1,1,2-Trichloroethane	20.460	0.50	20.00	0		102	80	120				
1,1-Dichloroethane	21.990	0.50	20.00	0		110	80	120				
1,1-Dichloroethene	23.260	0.50	20.00	0		116	80	120				
1,1-Dichloropropene	19.220	0.50	20.00	0		96.1	80	120				
1,2,3-Trichlorobenzene	18.820	0.50	20.00	0		94.1	80	124				
1,2,3-Trichloropropane	18.630	0.50	20.00	0		93.2	80	120				
1,2,4-Trichlorobenzene	18.890	0.50	20.00	0		94.4	80	126				
1,2,4-Trimethylbenzene	18.440	0.50	20.00	0		92.2	80	123				
1,2-Dibromo-3-chloropropane	16.210	1.0	20.00	0		81.0	70	120				
1,2-Dibromoethane	20.930	0.50	20.00	0		105	80	120				
1,2-Dichlorobenzene	18.810	0.50	20.00	0		94.1	80	120				
1,2-Dichloroethane	21.620	0.50	20.00	0		108	80	120				
1,2-Dichloropropane	18.740	0.50	20.00	0		93.7	80	120				
1,3,5-Trimethylbenzene	18.830	0.50	20.00	0		94.2	80	121				
1,3-Dichlorobenzene	18.840	0.50	20.00	0		94.2	80	120				
1,3-Dichloropropane	17.960	0.50	20.00	0		89.8	80	120				
1,4-Dichlorobenzene	18.600	0.50	20.00	0		93.0	80	120				
2,2-Dichloropropane	17.350	0.50	20.00	0		86.8	54	120				
2-Chlorotoluene	18.290	0.50	20.00	0		91.4	80	122				
4-Chlorotoluene	18.340	0.50	20.00	0		91.7	80	120				
4-Isopropyltoluene	19.250	0.50	20.00	0		96.2	80	122				
Benzene	20.080	0.50	20.00	0		100	80	120				
Bromobenzene	18.960	0.50	20.00	0		94.8	80	120				
Bromodichloromethane	20.030	0.50	20.00	0		100	70	120				
Bromoform	16.310	0.50	20.00	0		81.6	66	120				
Bromomethane	22.450	0.50	20.00	0		112	48	155				

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
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006821

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D111118LCS	SampType: LCS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82196						
Client ID: LCSW	Batch ID: D111W169	TestNo: EPA 8260B		Analysis Date: 11/18/2011	SeqNo: 1326559						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Carbon tetrachloride	15.760	0.50	20.00	0	78.8	60	120				
Chlorobenzene	19.070	0.50	20.00	0	95.4	80	120				
Chloroethane	22.330	0.50	20.00	0	112	62	147				
Chloroform	22.770	0.50	20.00	0	114	80	120				
Chloromethane	20.930	0.50	20.00	0	105	63	121				
cis-1,2-Dichloroethene	22.450	0.50	20.00	0	112	80	120				
Dibromochloromethane	17.570	0.50	20.00	0	87.9	67	123				
Dibromomethane	22.400	0.50	20.00	0	112	80	120				
Dichlorodifluoromethane	21.660	0.50	20.00	0	108	70	121				
Ethylbenzene	19.330	0.50	20.00	0	96.7	80	120				
Hexachlorobutadiene	18.740	0.50	20.00	0	93.7	80	123				
Isopropylbenzene	19.100	0.50	20.00	0	95.5	80	121				
m,p-Xylene	38.300	1.0	40.00	0	95.8	80	120				
Methylene chloride	22.020	1.0	20.00	0	110	75	120				
MTBE	20.010	0.50	20.00	0	100	70	120				
n-Butylbenzene	18.970	0.50	20.00	0	94.8	80	129				
n-Propylbenzene	19.190	0.50	20.00	0	96.0	80	122				
Naphthalene	18.130	0.50	20.00	0	90.7	73	127				
o-Xylene	18.580	0.50	20.00	0	92.9	80	120				
sec-Butylbenzene	19.240	0.50	20.00	0	96.2	80	120				
Styrene	18.810	0.50	20.00	0	94.1	80	120				
tert-Butylbenzene	18.880	0.50	20.00	0	94.4	80	120				
Tetrachloroethene	19.850	0.50	20.00	0	99.2	80	121				
Toluene	20.910	0.50	20.00	0	105	80	120				
trans-1,2-Dichloroethene	24.600	0.50	20.00	0	123	80	120				
Trichloroethene	20.360	0.50	20.00	0	102	80	120				
Trichlorofluoromethane	22.220	0.50	20.00	0	111	71	148				S
Vinyl chloride	21.390	0.50	20.00	0	107	80	120				
Surr: 1,2-Dichloroethane-d4	26.970		25.00		108	56	120				
Surr: 4-Bromofluorobenzene	22.760		25.00		91.0	80	120				

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
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 Calculations are based on raw values



CLIENT: ATC Associates Inc.
Work Order: N006821

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D11118LCS	SampType: LCS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82196						
Client ID: LCSW	Batch ID: D111VW169	TestNo: EPA 8260B		Analysis Date: 11/18/2011	SeqNo: 1326559						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	29.600		25.00		118	72	120				
Surr: Toluene-d8	26.510		25.00		106	80	123				

Sample ID: N006858-001AMS	SampType: MS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82196						
Client ID: ZZZZZ	Batch ID: D111VW169	TestNo: EPA 8260B		Analysis Date: 11/18/2011	SeqNo: 1326560						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	16.290	0.50	20.00	0	81.4	70	120				
1,1,1-Trichloroethane	17.230	0.50	20.00	0	86.2	68	120				
1,1,2,2-Tetrachloroethane	16.870	0.50	20.00	0	84.4	69	120				
1,1,2-Trichloroethane	17.710	0.50	20.00	0	88.6	71	120				
1,1-Dichloroethane	21.740	0.50	20.00	0	109	77	120				
1,1-Dichloroethene	22.820	0.50	20.00	0	114	80	120				
1,1-Dichloropropene	20.300	0.50	20.00	0	102	80	120				
1,2,3-Trichlorobenzene	18.950	0.50	20.00	0	94.8	80	120				
1,2,3-Trichloropropane	15.730	0.50	20.00	0	78.7	68	120				
1,2,4-Trichlorobenzene	19.950	0.50	20.00	0	99.8	80	120				
1,2,4-Trimethylbenzene	19.160	0.50	20.00	0	95.8	72	131				
1,2-Dibromo-3-chloropropane	13.880	1.0	20.00	0	69.4	57	120				
1,2-Dibromoethane	17.480	0.50	20.00	0	87.4	71	120				
1,2-Dichlorobenzene	19.210	0.50	20.00	0	96.0	80	120				
1,2-Dichloroethane	18.970	0.50	20.00	0	94.8	72	120				
1,2-Dichloropropane	18.700	0.50	20.00	0	93.5	76	120				
1,3,5-Trimethylbenzene	19.880	0.50	20.00	0	99.4	80	125				
1,3-Dichlorobenzene	19.820	0.50	20.00	0	99.1	80	120				
1,3-Dichloropropane	16.350	0.50	20.00	0	81.8	70	120				
1,4-Dichlorobenzene	19.560	0.50	20.00	0	97.8	80	120				
2,2-Dichloropropane	17.280	0.50	20.00	0	86.4	58	120				
2-Chlorotoluene	19.430	0.50	20.00	0	97.2	80	128				
4-Chlorotoluene	19.750	0.50	20.00	0	98.8	80	122				

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
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006821

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: N006858-001AMS	Sample Type: MS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82196						
Client ID: ZZZZZ	Batch ID: D11VW169	TestNo: EPA 8260B		Analysis Date: 11/18/2011	SeqNo: 1326560						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

4-Isopropyltoluene	20.460	0.50	20.00	0	102	80	127				
Benzene	20.830	0.50	20.00	0	104	80	120				
Bromobenzene	19.380	0.50	20.00	0	96.9	80	120				
Bromodichloromethane	19.020	0.50	20.00	0	95.1	64	122				
Bromoform	15.130	0.50	20.00	0	75.6	60	120				
Bromomethane	22.320	0.50	20.00	0	112	69	129				
Carbon tetrachloride	16.160	0.50	20.00	0	80.8	65	120				
Chlorobenzene	20.080	0.50	20.00	0	100	80	120				
Chloroethane	22.670	0.50	20.00	0	113	56	158				
Chloroform	22.410	0.50	20.00	0	112	76	120				
Chloromethane	21.300	0.50	20.00	0	106	59	120				
cis-1,2-Dichloroethene	21.830	0.50	20.00	0	109	79	120				
Dibromochloromethane	16.320	0.50	20.00	0	81.6	49	131				
Dibromomethane	19.360	0.50	20.00	0	96.8	73	120				
Dichlorodifluoromethane	21.890	0.50	20.00	0	109	67	124				
Ethylbenzene	20.590	0.50	20.00	0	103	80	120				
Hexachlorobutadiene	20.000	0.50	20.00	0	100	80	130				
Isopropylbenzene	20.380	0.50	20.00	0	102	80	128				
m,p-Xylene	41.140	1.0	40.00	0	103	80	123				
Methylene chloride	21.040	1.0	20.00	0	105	67	120				
MTBE	17.290	0.50	20.00	0	86.5	52	120				
n-Butylbenzene	20.560	0.50	20.00	0	103	80	132				
n-Propylbenzene	20.380	0.50	20.00	0	102	80	130				
Naphthalene	15.460	0.50	20.00	0	77.3	57	120				
o-Xylene	19.750	0.50	20.00	0	98.8	80	120				
sec-Butylbenzene	20.490	0.50	20.00	0	102	80	128				
Styrene	18.670	0.50	20.00	0	93.4	50	136				
tert-Butylbenzene	20.000	0.50	20.00	0	100	80	125				
Tetrachloroethene	21.260	0.50	20.00	0	106	70	145				
Toluene	21.720	0.50	20.00	0	109	80	120				

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
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 Calculations are based on raw values



CLIENT: ATC Associates Inc.
Work Order: N006821

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: N006858-001AMS	SampType: MS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82196						
Client ID: ZZZZZZ	Batch ID: D11VW169	TestNo: EPA 8260B		Analysis Date: 11/18/2011	SeqNo: 1326560						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	24.070	0.50	20.00	0	120	80	120				S
Trichloroethene	20.840	0.50	20.00	0	104	80	120				
Trichlorofluoromethane	22.440	0.50	20.00	0	112	67	154				
Vinyl chloride	21.830	0.50	20.00	0	109	77	120				
Surr: 1,2-Dichloroethane-d4	23.740		25.00		95.0	56	120				
Surr: 4-Bromofluorobenzene	23.870		25.00		95.5	80	120				
Surr: Dibromofluoromethane	27.610		25.00		110	72	120				
Surr: Toluene-d8	27.600		25.00		110	80	123				

Sample ID: N006858-001AMSD	SampType: MSD	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82196						
Client ID: ZZZZZZ	Batch ID: D11VW169	TestNo: EPA 8260B		Analysis Date: 11/18/2011	SeqNo: 1326561						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	15.660	0.50	20.00	0	78.3	70	120	16.29	3.94	20	
1,1,1-Trichloroethane	16.460	0.50	20.00	0	82.3	68	120	17.23	4.57	20	
1,1,2,2-Tetrachloroethane	16.860	0.50	20.00	0	84.3	69	120	16.87	0.0593	20	
1,1,2-Trichloroethane	17.730	0.50	20.00	0	88.6	71	120	17.71	0.113	20	
1,1-Dichloroethane	20.660	0.50	20.00	0	103	77	120	21.74	5.09	20	
1,1-Dichloroethene	22.090	0.50	20.00	0	110	80	120	22.82	3.25	20	
1,1-Dichloropropene	18.850	0.50	20.00	0	94.3	80	120	20.30	7.41	20	
1,2,3-Trichlorobenzene	17.850	0.50	20.00	0	89.2	80	120	18.95	5.98	20	
1,2,3-Trichloropropane	15.540	0.50	20.00	0	77.7	68	120	15.73	1.22	20	
1,2,4-Trichlorobenzene	18.580	0.50	20.00	0	92.9	80	120	19.95	7.11	20	
1,2,4-Trimethylbenzene	16.490	0.50	20.00	0	82.5	72	131	19.16	15.0	20	
1,2-Dibromo-3-chloropropane	14.050	1.0	20.00	0	70.2	57	120	13.88	1.22	20	
1,2-Dibromoethane	17.930	0.50	20.00	0	89.7	71	120	17.48	2.54	20	
1,2-Dichlorobenzene	18.050	0.50	20.00	0	90.3	80	120	19.21	6.23	20	
1,2-Dichloroethane	18.830	0.50	20.00	0	94.2	72	120	18.97	0.741	20	
1,2-Dichloropropane	17.620	0.50	20.00	0	88.1	76	120	18.70	5.95	20	
1,3,5-Trimethylbenzene	18.030	0.50	20.00	0	90.2	80	125	19.88	9.76	20	

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
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 Calculations are based on raw values

CLIENT: ATC Associates Inc.
Work Order: N006821

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: N006858-001AMSD	SampType: MSD	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82196						
Client ID: ZZZZZ	Batch ID: D11VW169	TestNo: EPA 8260B		Analysis Date: 11/18/2011	SeqNo: 1326561						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,3-Dichlorobenzene	18.580	0.50	20.00	0	92.9	80	120	19.82	6.46	20	
1,3-Dichloropropane	15.820	0.50	20.00	0	79.1	70	120	16.35	3.29	20	
1,4-Dichlorobenzene	18.340	0.50	20.00	0	91.7	80	120	19.56	6.44	20	
2,2-Dichloropropane	16.150	0.50	20.00	0	80.8	58	120	17.28	6.76	20	
2-Chlorotoluene	18.160	0.50	20.00	0	90.8	80	128	19.43	6.76	20	
4-Chlorotoluene	18.260	0.50	20.00	0	91.3	80	122	19.75	7.84	20	
4-Isopropyltoluene	18.920	0.50	20.00	0	94.6	80	127	20.46	7.82	20	
Benzene	19.420	0.50	20.00	0	97.1	80	120	20.83	7.01	20	
Bromobenzene	18.110	0.50	20.00	0	90.6	80	120	19.38	6.78	20	
Bromodichloromethane	18.430	0.50	20.00	0	92.2	64	122	19.02	3.15	20	
Bromoform	15.130	0.50	20.00	0	75.6	60	120	15.13	0	20	
Bromomethane	22.290	0.50	20.00	0	111	69	129	22.32	0.134	20	
Carbon tetrachloride	15.610	0.50	20.00	0	78.0	65	120	16.16	3.46	20	
Chlorobenzene	18.990	0.50	20.00	0	95.0	80	120	20.08	5.58	20	
Chloroethane	21.510	0.50	20.00	0	108	56	158	22.67	5.25	20	
Chloroform	21.370	0.50	20.00	0	107	76	120	22.41	4.75	20	
Chloromethane	21.110	0.50	20.00	0	106	59	120	21.30	0.896	20	
cis-1,2-Dichloroethene	20.920	0.50	20.00	0	105	79	120	21.83	4.26	20	
Dibromochloromethane	15.540	0.50	20.00	0	77.7	49	131	16.32	4.90	20	
Dibromomethane	18.980	0.50	20.00	0	94.9	73	120	19.36	1.98	20	
Dichlorodifluoromethane	22.070	0.50	20.00	0	110	67	124	21.89	0.819	20	
Ethylbenzene	19.230	0.50	20.00	0	96.2	80	120	20.59	6.83	20	
Hexachlorobutadiene	19.220	0.50	20.00	0	96.1	80	130	20.00	3.98	20	
Isopropylbenzene	18.980	0.50	20.00	0	94.9	80	128	20.38	7.11	20	
m,p-Xylene	38.190	1.0	40.00	0	95.5	80	123	41.14	7.44	20	
Methylene chloride	20.600	1.0	20.00	0	103	67	120	21.04	2.11	20	
MTBE	17.240	0.50	20.00	0	86.2	52	120	17.29	0.290	20	
n-Butylbenzene	19.230	0.50	20.00	0	96.2	80	132	20.56	6.69	20	
n-Propylbenzene	19.130	0.50	20.00	0	95.7	80	130	20.38	6.33	20	
Naphthalene	14.720	0.50	20.00	0	73.6	57	120	15.46	4.90	20	

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
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006821

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **N006858-001AMSD** SampType: **MSD** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **82196**
 Client ID: **ZZZZZ** Batch ID: **D11VW169** TestNo: **EPA 8260B** Analysis Date: **11/18/2011** SeqNo: **1326561**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
o-Xylene	18.350	0.50	20.00	0	91.8	80	120	19.75	7.35	20	
sec-Butylbenzene	19.290	0.50	20.00	0	96.5	80	128	20.49	6.03	20	
Styrene	15.230	0.50	20.00	0	76.2	50	136	18.67	20.3	20	R
tert-Butylbenzene	18.670	0.50	20.00	0	93.4	80	125	20.00	6.88	20	
Tetrachloroethene	19.710	0.50	20.00	0	98.6	70	145	21.26	7.57	20	
Toluene	20.590	0.50	20.00	0	103	80	120	21.72	5.34	20	
trans-1,2-Dichloroethene	22.940	0.50	20.00	0	115	80	120	24.07	4.81	20	
Trichloroethene	19.950	0.50	20.00	0	99.8	80	120	20.84	4.36	20	
Trichlorofluoromethane	21.550	0.50	20.00	0	108	67	154	22.44	4.05	20	
Vinyl chloride	20.840	0.50	20.00	0	104	77	120	21.83	4.64	20	
Surr: 1,2-Dichloroethane-d4	23.610		25.00		94.4	56	120		0		
Surr: 4-Bromofluorobenzene	22.680		25.00		90.7	80	120		0		
Surr: Dibromofluoromethane	27.190		25.00		109	72	120		0		
Surr: Toluene-d8	25.490		25.00		102	80	123		0		

Sample ID: **D11118MB2** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **82196**
 Client ID: **PBW** Batch ID: **D11VW169** TestNo: **EPA 8260B** Analysis Date: **11/18/2011** SeqNo: **1326562**

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									

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
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



CLIENT: ATC Associates Inc.
Work Order: N006821

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D11118MB2	SampType: MBLK	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82196						
Client ID: PBW	Batch ID: D111VW169	TestNo: EPA 8260B		Analysis Date: 11/18/2011	SeqNo: 1326562						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,2-Dibromo-3-chloropropane	ND	1.0									
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									
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									
Dibromochloromethane	ND	0.50									
Dibromomethane	ND	0.50									
Dichlorodifluoromethane	ND	0.50									
Ethylbenzene	ND	0.50									
Hexachlorobutadiene	ND	0.50									
Isopropylbenzene	ND	0.50									

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
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 Calculations are based on raw values



CLIENT: ATC Associates Inc.
Work Order: N006821

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D111118MB2	SampType: MBLK	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82196						
Client ID: PBW	Batch ID: D111VW169	TestNo: EPA 8260B		Analysis Date: 11/18/2011	SeqNo: 1326562						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

m,p-Xylene	ND	1.0									
Methylene chloride	ND	1.0									
MTBE	ND	0.50									
n-Butylbenzene	ND	0.50									
n-Propylbenzene	ND	0.50									
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	24.040		25.00		96.2	56		120			
Surr: 4-Bromofluorobenzene	22.470		25.00		89.9	80		120			
Surr: Dibromofluoromethane	25.800		25.00		103	72		120			
Surr: Toluene-d8	26.200		25.00		105	80		123			

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
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 Calculations are based on raw values



CLIENT: ATC Associates Inc.
Work Order: N006821

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D111122LCS	Sample Type: LCS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82253
Client ID: LCSW	Batch ID: D111VW170	TestNo: EPA 8260B		Analysis Date: 11/22/2011	SeqNo: 1329091

Analyte	Result	PQL	SPK value	SPK Ref Val	Units: µg/L	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	20.210	0.50	20.00	0		101	74	122				
1,1,1-Trichloroethane	16.020	0.50	20.00	0		80.1	65	120				
1,1,2,2-Tetrachloroethane	21.040	0.50	20.00	0		105	80	120				
1,1,2-Trichloroethane	19.040	0.50	20.00	0		95.2	80	120				
1,1-Dichloroethane	21.380	0.50	20.00	0		107	80	120				
1,1-Dichloroethene	21.280	0.50	20.00	0		106	80	120				
1,1-Dichloropropene	18.930	0.50	20.00	0		94.6	80	120				
1,2,3-Trichlorobenzene	21.730	0.50	20.00	0		109	80	124				
1,2,3-Trichloropropane	19.420	0.50	20.00	0		97.1	80	120				
1,2,4-Trichlorobenzene	22.090	0.50	20.00	0		110	80	126				
1,2,4-Trimethylbenzene	21.000	0.50	20.00	0		105	80	123				
1,2-Dibromo-3-chloropropane	22.550	1.0	20.00	0		113	70	120				
1,2-Dibromoethane	19.980	0.50	20.00	0		99.9	80	120				
1,2-Dichlorobenzene	20.480	0.50	20.00	0		102	80	120				
1,2-Dichloroethane	20.710	0.50	20.00	0		104	80	120				
1,2-Dichloropropane	19.490	0.50	20.00	0		97.5	80	120				
1,3,5-Trimethylbenzene	20.790	0.50	20.00	0		104	80	121				
1,3-Dichlorobenzene	20.590	0.50	20.00	0		103	80	120				
1,3-Dichloropropane	19.590	0.50	20.00	0		98.0	80	120				
1,4-Dichlorobenzene	20.850	0.50	20.00	0		104	80	120				
2,2-Dichloropropane	16.590	0.50	20.00	0		83.0	54	120				
2-Chlorotoluene	20.260	0.50	20.00	0		101	80	122				
4-Chlorotoluene	20.520	0.50	20.00	0		103	80	120				
4-Isopropyltoluene	21.210	0.50	20.00	0		106	80	122				
Benzene	19.550	0.50	20.00	0		97.8	80	120				
Bromobenzene	20.250	0.50	20.00	0		101	80	120				
Bromodichloromethane	19.050	0.50	20.00	0		95.2	70	120				
Bromoform	18.470	0.50	20.00	0		92.4	66	120				
Bromomethane	18.470	0.50	20.00	0		92.4	48	155				
Carbon tetrachloride	16.710	0.50	20.00	0		83.6	60	120				

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
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006821

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D11122LCS	SampType: LCS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82253
Client ID: LCSW	Batch ID: D111W170	TestNo: EPA 8260B		Analysis Date: 11/22/2011	SeqNo: 1329091

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	20.150	0.50	20.00	0	101	80	120				
Chloroethane	19.690	0.50	20.00	0	98.4	62	147				
Chloroform	20.600	0.50	20.00	0	103	80	120				
Chloromethane	20.140	0.50	20.00	0	101	63	121				
cis-1,2-Dichloroethene	21.350	0.50	20.00	0	107	80	120				
Dibromochloromethane	17.490	0.50	20.00	0	87.5	67	123				
Dibromomethane	21.450	0.50	20.00	0	107	80	120				
Dichlorodifluoromethane	20.700	0.50	20.00	0	104	70	121				
Ethylbenzene	19.950	0.50	20.00	0	99.8	80	120				
Hexachlorobutadiene	21.740	0.50	20.00	0	109	80	123				
Isopropylbenzene	20.540	0.50	20.00	0	103	80	121				
m,p-Xylene	40.450	1.0	40.00	0	101	80	120				
Methylene chloride	19.430	1.0	20.00	0	97.2	75	120				
MTBE	19.040	0.50	20.00	0	95.2	70	120				
n-Butylbenzene	21.420	0.50	20.00	0	107	80	129				
n-Propylbenzene	20.700	0.50	20.00	0	104	80	122				
Naphthalene	21.780	0.50	20.00	0	109	73	127				
o-Xylene	20.240	0.50	20.00	0	101	80	120				
sec-Butylbenzene	20.610	0.50	20.00	0	103	80	120				
Styrene	21.160	0.50	20.00	0	106	80	120				
tert-Butylbenzene	20.380	0.50	20.00	0	102	80	120				
Tetrachloroethene	20.130	0.50	20.00	0	101	80	121				
Toluene	19.860	0.50	20.00	0	99.3	80	120				
trans-1,2-Dichloroethene	22.080	0.50	20.00	0	110	80	120				
Trichloroethene	19.210	0.50	20.00	0	96.0	80	120				
Trichlorofluoromethane	19.710	0.50	20.00	0	98.6	71	148				
Vinyl chloride	20.310	0.50	20.00	0	102	80	120				
Surr: 1,2-Dichloroethane-d4	26.030		25.00		104	56	120				
Surr: 4-Bromofluorobenzene	26.000		25.00		104	80	120				
Surr: Dibromofluoromethane	26.980		25.00		108	72	120				

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
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006821

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D11122LCS	SampType: LCS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82253						
Client ID: LCSW	Batch ID: D111VW170	TestNo: EPA 8260B		Analysis Date: 11/22/2011	SeqNo: 1329091						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	25.880		25.00		104	80	123				

Sample ID: N006821-006AMS	SampType: MS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82253						
Client ID: ZZZZZ	Batch ID: D111VW170	TestNo: EPA 8260B		Analysis Date: 11/22/2011	SeqNo: 1329092						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1,1,2-Tetrachloroethane	20.080	0.50	20.00	0	100	70	120				
1,1,1-Trichloroethane	16.020	0.50	20.00	0	80.1	68	120				
1,1,2,2-Tetrachloroethane	16.970	0.50	20.00	0	84.8	69	120				
1,1,2-Trichloroethane	16.470	0.50	20.00	0	82.4	71	120				
1,1-Dichloroethane	20.650	0.50	20.00	0	103	77	120				
1,1-Dichloroethene	21.220	0.50	20.00	0	106	80	120				
1,1-Dichloropropene	19.640	0.50	20.00	0	98.2	80	120				
1,2,3-Trichlorobenzene	20.700	0.50	20.00	0	104	80	120				
1,2,3-Trichloropropane	15.640	0.50	20.00	0	78.2	68	120				
1,2,4-Trichlorobenzene	21.740	0.50	20.00	0	109	80	120				
1,2,4-Trimethylbenzene	20.810	0.50	20.00	0	104	72	131				
1,2-Dibromo-3-chloropropane	16.610	1.0	20.00	0	83.0	57	120				
1,2-Dibromoethane	16.500	0.50	20.00	0	82.5	71	120				
1,2-Dichlorobenzene	19.740	0.50	20.00	0	98.7	80	120				
1,2-Dichloroethane	17.940	0.50	20.00	0	89.7	72	120				
1,2-Dichloropropane	18.770	0.50	20.00	0	93.8	76	120				
1,3,5-Trimethylbenzene	21.150	0.50	20.00	0	106	80	125				
1,3-Dichlorobenzene	20.810	0.50	20.00	0	104	80	120				
1,3-Dichloropropane	17.020	0.50	20.00	0	85.1	70	120				
1,4-Dichlorobenzene	20.690	0.50	20.00	0	103	80	120				
2,2-Dichloropropane	16.370	0.50	20.00	0	81.8	58	120				
2-Chlorotoluene	20.900	0.50	20.00	0	104	80	128				
4-Chlorotoluene	20.990	0.50	20.00	0	105	80	122				
4-Isopropyltoluene	21.970	0.50	20.00	0	110	80	127				

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
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006821

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: N006821-006AMS	Sample Type: MS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82253
Client ID: ZZZZZ	Batch ID: D11VW170	TestNo: EPA 8260B		Analysis Date: 11/22/2011	SeqNo: 1329092

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	19.550	0.50	20.00	0	97.8	80	120				
Bromobenzene	19.920	0.50	20.00	0	99.6	80	120				
Bromodichloromethane	18.040	0.50	20.00	0	90.2	64	122				
Bromoform	15.430	0.50	20.00	0	77.2	60	120				
Bromomethane	18.100	0.50	20.00	0	90.5	69	129				
Carbon tetrachloride	17.280	0.50	20.00	0	86.4	65	120				
Chlorobenzene	20.370	0.50	20.00	0	102	80	120				
Chloroethane	19.730	0.50	20.00	0	98.6	56	158				
Chloroform	27.090	0.50	20.00	6.590	103	76	120				
Chloromethane	19.980	0.50	20.00	0	99.9	59	120				
cis-1,2-Dichloroethene	20.350	0.50	20.00	0	102	79	120				
Dibromochloromethane	16.370	0.50	20.00	0	81.8	49	131				
Dibromomethane	17.970	0.50	20.00	0	89.8	73	120				
Dichlorodifluoromethane	20.930	0.50	20.00	0	105	67	124				
Ethylbenzene	20.640	0.50	20.00	0	103	80	120				
Hexachlorobutadiene	22.690	0.50	20.00	0	113	80	130				
Isopropylbenzene	21.220	0.50	20.00	0	106	80	128				
m,p-Xylene	41.630	1.0	40.00	0	104	80	123				
Methylene chloride	18.190	1.0	20.00	0	91.0	67	120				
MTBE	16.170	0.50	20.00	0	80.9	52	120				
n-Butylbenzene	22.750	0.50	20.00	0	114	80	132				
n-Propylbenzene	21.470	0.50	20.00	0	107	80	130				
Naphthalene	17.980	0.50	20.00	0	89.9	57	120				
o-Xylene	20.560	0.50	20.00	0	103	80	120				
sec-Butylbenzene	21.510	0.50	20.00	0	108	80	128				
Styrene	19.790	0.50	20.00	0	99.0	50	136				
tert-Butylbenzene	21.210	0.50	20.00	0	106	80	125				
Tetrachloroethene	23.700	0.50	20.00	2.200	108	70	145				
Toluene	19.710	0.50	20.00	0	98.6	80	120				
trans-1,2-Dichloroethene	21.390	0.50	20.00	0	107	80	120				

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
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006821

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **N006821-006AMS** SampType: **MS** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **82253**
 Client ID: **ZZZZZ** Batch ID: **D11VW170** TestNo: **EPA 8260B** Analysis Date: **11/22/2011** SeqNo: **1329092**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	19.770	0.50	20.00	0	98.8	80	120				
Trichlorofluoromethane	19.700	0.50	20.00	0	98.5	67	154				
Vinyl chloride	19.950	0.50	20.00	0	99.8	77	120				
Surr: 1,2-Dichloroethane-d4	21.980		25.00		87.9	56	120				
Surr: 4-Bromofluorobenzene	25.570		25.00		102	80	120				
Surr: Dibromofluoromethane	25.040		25.00		100	72	120				
Surr: Toluene-d8	25.600		25.00		102	80	123				

Sample ID: **N006821-006AMSD** SampType: **MSD** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **82253**
 Client ID: **ZZZZZ** Batch ID: **D11VW170** TestNo: **EPA 8260B** Analysis Date: **11/22/2011** SeqNo: **1329093**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	20.120	0.50	20.00	0	101	70	120	20.08	0.199	20	
1,1,1-Trichloroethane	16.260	0.50	20.00	0	81.3	68	120	16.02	1.49	20	
1,1,2,2-Tetrachloroethane	18.310	0.50	20.00	0	91.6	69	120	16.97	7.60	20	
1,1,2-Trichloroethane	17.010	0.50	20.00	0	85.0	71	120	16.47	3.23	20	
1,1-Dichloroethane	21.210	0.50	20.00	0	106	77	120	20.65	2.68	20	
1,1-Dichloroethene	21.120	0.50	20.00	0	106	80	120	21.22	0.472	20	
1,1-Dichloropropene	19.260	0.50	20.00	0	96.3	80	120	19.64	1.95	20	
1,2,3-Trichlorobenzene	19.760	0.50	20.00	0	98.8	80	120	20.70	4.65	20	
1,2,3-Trichloropropane	16.940	0.50	20.00	0	84.7	68	120	15.64	7.98	20	
1,2,4-Trichlorobenzene	20.880	0.50	20.00	0	104	80	120	21.74	4.04	20	
1,2,4-Trimethylbenzene	18.960	0.50	20.00	0	94.8	72	131	20.81	9.30	20	
1,2-Dibromo-3-chloropropane	17.990	1.0	20.00	0	90.0	57	120	16.61	7.98	20	
1,2-Dibromoethane	17.280	0.50	20.00	0	86.4	71	120	16.50	4.62	20	
1,2-Dichlorobenzene	19.750	0.50	20.00	0	98.8	80	120	19.74	0.0506	20	
1,2-Dichloroethane	18.600	0.50	20.00	0	93.0	72	120	17.94	3.61	20	
1,2-Dichloropropane	19.000	0.50	20.00	0	95.0	76	120	18.77	1.22	20	
1,3,5-Trimethylbenzene	20.210	0.50	20.00	0	101	80	125	21.15	4.55	20	
1,3-Dichlorobenzene	20.820	0.50	20.00	0	104	80	120	20.81	0.0480	20	

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
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference

CLIENT: ATC Associates Inc.
Work Order: N006821

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: N006821-006AMSD	SampType: MSD	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82253
Client ID: ZZZZZ	Batch ID: D11VW170	TestNo: EPA 8260B		Analysis Date: 11/22/2011	SeqNo: 1329093

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichloropropane	17.840	0.50	20.00	0	89.2	70	120	17.02	4.70	20	
1,4-Dichlorobenzene	20.750	0.50	20.00	0	104	80	120	20.69	0.290	20	
2,2-Dichloropropane	16.550	0.50	20.00	0	82.8	58	120	16.37	1.09	20	
2-Chlorotoluene	20.720	0.50	20.00	0	104	80	128	20.90	0.865	20	
4-Chlorotoluene	20.930	0.50	20.00	0	105	80	122	20.99	0.286	20	
4-Isopropyltoluene	21.360	0.50	20.00	0	107	80	127	21.97	2.82	20	
Benzene	19.570	0.50	20.00	0	97.9	80	120	19.55	0.102	20	
Bromobenzene	19.940	0.50	20.00	0	99.7	80	120	19.92	0.100	20	
Bromodichloromethane	18.230	0.50	20.00	0	91.2	64	122	18.04	1.05	20	
Bromoform	16.090	0.50	20.00	0	80.4	60	120	15.43	4.19	20	
Bromomethane	18.150	0.50	20.00	0	90.8	69	129	18.10	0.276	20	
Carbon tetrachloride	17.160	0.50	20.00	0	85.8	65	120	17.28	0.697	20	
Chlorobenzene	20.280	0.50	20.00	0	101	80	120	20.37	0.443	20	
Chloroethane	19.790	0.50	20.00	0	99.0	56	158	19.73	0.304	20	
Chloroform	27.560	0.50	20.00	6.590	105	76	120	27.09	1.72	20	
Chloromethane	20.150	0.50	20.00	0	101	59	120	19.98	0.847	20	
cis-1,2-Dichloroethene	21.050	0.50	20.00	0	105	79	120	20.35	3.38	20	
Dibromochloromethane	16.310	0.50	20.00	0	81.6	49	131	16.37	0.367	20	
Dibromomethane	18.130	0.50	20.00	0	90.7	73	120	17.97	0.886	20	
Dichlorodifluoromethane	21.060	0.50	20.00	0	105	67	124	20.93	0.619	20	
Ethylbenzene	20.270	0.50	20.00	0	101	80	120	20.64	1.81	20	
Hexachlorobutadiene	21.600	0.50	20.00	0	108	80	130	22.69	4.92	20	
Isopropylbenzene	21.160	0.50	20.00	0	106	80	128	21.22	0.283	20	
m,p-Xylene	39.960	1.0	40.00	0	99.9	80	123	41.63	4.09	20	
Methylene chloride	18.640	1.0	20.00	0	93.2	67	120	18.19	2.44	20	
MTBE	17.390	0.50	20.00	0	87.0	52	120	16.17	7.27	20	
n-Butylbenzene	21.980	0.50	20.00	0	110	80	132	22.75	3.44	20	
n-Propylbenzene	21.280	0.50	20.00	0	106	80	130	21.47	0.889	20	
Naphthalene	17.200	0.50	20.00	0	86.0	57	120	17.98	4.43	20	
o-Xylene	20.000	0.50	20.00	0	100	80	120	20.56	2.76	20	

Qualifiers:

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

CLIENT: ATC Associates Inc.
Work Order: N006821

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **N006821-006AMSD** SampType: **MSD** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **82253**
 Client ID: **ZZZZZ** Batch ID: **D11VW170** TestNo: **EPA 8260B** Analysis Date: **11/22/2011** SeqNo: **1329093**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	21.220	0.50	20.00	0	106	80	128	21.51	1.36	20	
Styrene	16.890	0.50	20.00	0	84.4	50	136	19.79	15.8	20	
tert-Butylbenzene	20.980	0.50	20.00	0	105	80	125	21.21	1.09	20	
Tetrachloroethene	23.390	0.50	20.00	2.200	106	70	145	23.70	1.32	20	
Toluene	19.350	0.50	20.00	0	96.8	80	120	19.71	1.84	20	
trans-1,2-Dichloroethene	21.090	0.50	20.00	0	105	80	120	21.39	1.41	20	
Trichloroethene	19.570	0.50	20.00	0	97.9	80	120	19.77	1.02	20	
Trichlorofluoromethane	20.260	0.50	20.00	0	101	67	154	19.70	2.80	20	
Vinyl chloride	20.580	0.50	20.00	0	103	77	120	19.95	3.11	20	
Surr: 1,2-Dichloroethane-d4	23.190		25.00		92.8	56	120		0		
Surr: 4-Bromofluorobenzene	25.700		25.00		103	80	120		0		
Surr: Dibromofluoromethane	26.240		25.00		105	72	120		0		
Surr: Toluene-d8	25.580		25.00		102	80	123		0		

Sample ID: **D11122MB2** SampType: **MBLK** TestCode: **8260_WP_LL** Units: **µg/L** Prep Date: RunNo: **82253**
 Client ID: **PBW** Batch ID: **D11VW170** TestNo: **EPA 8260B** Analysis Date: **11/22/2011** SeqNo: **1329094**

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-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	1.0									

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
- H Holding times for preparation or analysis exceeded
- S Spike/Surrogate outside of limits due to matrix interference



CLIENT: ATC Associates Inc.
Work Order: N006821

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D11122MB2	SampType: MBLK	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82253						
Client ID: PBW	Batch ID: D11VW170	TestNo: EPA 8260B		Analysis Date: 11/22/2011	SeqNo: 1329094						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

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									
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									
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									

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
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 Calculations are based on raw values



CLIENT: ATC Associates Inc.
Work Order: N006821

Project: MARYLAND SQUARE SHOPPING CENTER

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D111122MB2	SampType: MBLK	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 82253						
Client ID: PBW	Batch ID: D111VW170	TestNo: EPA 8260B		Analysis Date: 11/22/2011	SeqNo: 1329094						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Methylene chloride	ND	1.0									
MTBE	ND	0.50									
n-Butylbenzene	ND	0.50									
n-Propylbenzene	ND	0.50									
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	22.730		25.00		90.9	56		120			
Surr: 4-Bromofluorobenzene	26.310		25.00		105	80		120			
Surr: Dibromofluoromethane	23.540		25.00		94.2	72		120			
Surr: Toluene-d8	27.110		25.00		108	80		123			

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
 H Holding times for preparation or analysis exceeded
 S Spike/Surrogate outside of limits due to matrix interference
 Calculations are based on raw values



CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
 3151-3153 W. Post Rd.
 Las Vegas, NV 89118
 Tel: (702) 307-2659 • Fax: (702) 307-2691

FOR LABORATORY USE ONLY

Method of Transport
 Client ATL ATL
 CA OverN FedEx Other: _____

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

P.O. #: _____ Date: 11/14/11
 Logged By: _____

Address: 2925 E. Patrick Lane #M
 City: Las Vegas State: NV Zip Code: 89120
 Tel: 702-798-5750 Fax: 702-798-5742

Project #: _____
 Sampler: _____
 I attest to the validity and authenticity of this sample. I am aware (Printer Name) _____
 that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Relinquished by: (Signature and Printed Name) Eddie Bar Date: 11/24/11 Time: 12:00
 Relinquished by: (Signature and Printed Name) DWGalamy Date: 11/14/11 Time: 1322
 Relinquished by: (Signature and Printed Name) _____ Date: _____ Time: _____

Special Instructions/Comments: **email results to andrew.stuart@atcassociates.com**

Bill To: Accounts Payable
 Attn: Andrew Stuart
 Co: ATC
 Addr: 2925 E. Patrick Lane #M
 City: Las Vegas State: NV Zip: 89120

Send Report To: _____
 Attn: Andrew Stuart
 Co: ATC
 Addr: 2925 E. Patrick Lane #M
 City: Las Vegas State: NV Zip: 89120

I hereby authorize ATL to perform the work indicated below:
 Project Mgr / Submitter: Eddie Bar Date: 11/14/11
 Printer Name: _____ Signature: _____ Date: _____

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 /ATL workorder /mo. (after 1 year)

LAB USE ONLY:	Sample Description		Date	Time	Container(s)	TAT #	Type	REMARKS
	Lab No.	Sample ID / Location						
1	MO0001-1	Trip Blank	11/24/11	730				
2	MW-12		11/24/11	834				
3	MW-7		11/24/11	900				
4	MW-9		11/24/11	945				
5	MW-8		11/24/11	1015				
6	MW-0P		11/24/11	1015				
7	MW-12		11/24/11	1045				
8	MW-1		11/24/11	1115				
9	LOWE And		11/24/11	1135				
10	HELO Blank		11/24/11	1157				

Circle or Add Analysis(es) Requested:
 8200 (Voliles) 8015M (TPH) 8015B (DRO) (Motor Oil/DRO) PCRA 7 (60108/700) VOC's 8260 Short List TO3: TPH/BTEX/MTBE 8015 TPH 8015 TPH
 SPECIFY APPROPRIATE CONTAINER(S): AIR, WASTEWATER, GROUND WATER, WATER, SOIL, TAT #, Type, REMARKS

QA/QC: RTNE CT
 SWRCB Logcode OTHER

Preservatives:
 HF=HCl NH=HNO₃ S=H₂SO₄ C=4°C
 Z=Zn(AC)₂ O=NaOH M=Metal

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Bedlar G=Glass U=Urgent 3 Workdays D=Critical 2 Workdays C=Critical 2 Workdays E=Urgent 3 Workdays F=Routine 7 Workdays

TAT starts 8AM the following day samples received after 3 PM

Advanced Technology Laboratories, Inc.

Please review the checklist below. Any NO and/or NA signifies non-compliance. Any non-compliance will be noted and must be understood as having an impact on the quality of the data. All tests will be performed as requested regardless of any compliance issues.

If you have any questions or further instruction, please contact our Project Coordinator at (702) 307-2659.

Sample Receipt Checklist

Cooler Received/Opened On: 11/14/2011

Workorder: N006821

Rep sample Temp (Deg C): 3.4

IR Gun ID: 2

Temp Blank: Yes No

Carrier name: ATL

Last 4 digits of Tracking No.: na

Packing Material Used: Bubble Wrap

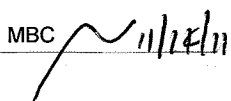
Cooling process: Ice Ice Pack Dry Ice Other None

- | | | | |
|---|--|--|--|
| 1. Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/> |
| 2. Custody seals intact, signed, dated on shipping container/cooler? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 3. Custody seals intact on sample bottles? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/> |
| 4. Chain of custody present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 5. Sampler's name present in COC? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 6. Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 7. Chain of custody agrees with sample labels? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 8. Samples in proper container/bottle? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 9. Sample containers intact? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 10. Sufficient sample volume for indicated test? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 11. All samples received within holding time? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | |
| 12. Temperature of rep sample or Temp Blank within acceptable limit? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 13. Water - VOA vials have zero headspace? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 14. Water - pH acceptable upon receipt?
Example: pH > 12 for (CN,S); pH<2 for Metals | Yes <input type="checkbox"/> | No <input type="checkbox"/> | NA <input checked="" type="checkbox"/> |
| 15. Did the bottle labels indicate correct preservatives used? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | NA <input type="checkbox"/> |
| 16. Were there Non-Conformance issues at login?
Was Client notified? | Yes <input type="checkbox"/>
Yes <input type="checkbox"/> | No <input type="checkbox"/>
No <input type="checkbox"/> | NA <input checked="" type="checkbox"/>
NA <input checked="" type="checkbox"/> |

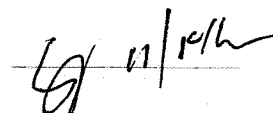
Comments:

Checklist Completed B

MBC



Reviewed By:



MAROS Linear Regression Statistics Summary

Project: Maryland PCE Site

User Name: ATC

Location: 3661 South Maryland Parkway

State: Nevada

Time Period: 8/1/2000 to 11/1/2011

Consolidation Period: No Time Consolidation

Consolidation Type: Median

Duplicate Consolidation: Average

ND Values: 1/2 Detection Limit

J Flag Values : Actual Value

Well	Source/ Tail	Average Conc (mg/L)	Median Conc (mg/L)	Standard Deviation	All Samples "ND" ?	Ln Slope	Coefficient of Variation	Confidence in Trend	Concentration Trend
TETRACHLOROETHYLENE(PCE)									
MW-1	S	1.1E+00	7.1E-01	8.7E-01	No	-5.2E-04	0.81	100.0%	D
MW-13	T	2.7E+00	2.6E+00	8.8E-01	No	-2.2E-04	0.33	99.9%	D
MW-14	T	2.0E+00	1.8E+00	6.5E-01	No	-1.9E-04	0.33	99.4%	D
MW-17	S	4.4E-01	3.5E-01	2.7E-01	No	-3.7E-04	0.60	99.3%	D
MW-18	T	1.5E+00	1.4E+00	5.4E-01	No	-1.7E-04	0.35	99.4%	D
MW-19	T	9.8E-01	9.4E-01	2.2E-01	No	-8.9E-05	0.23	92.3%	PD
MW-2	T	1.4E+00	1.4E+00	8.1E-01	No	-4.4E-04	0.57	100.0%	D
MW-20	T	1.2E+00	1.0E+00	5.6E-01	No	-2.7E-04	0.47	98.5%	D
MW-23	T	1.3E+00	1.2E+00	3.8E-01	No	-3.0E-04	0.29	100.0%	D
MW-25	T	7.9E-01	7.7E-01	2.2E-01	No	-2.6E-04	0.27	100.0%	D
MW-26	T	8.3E-01	7.9E-01	1.5E-01	No	-1.3E-04	0.18	97.1%	D
MW-27	T	4.2E-01	4.0E-01	1.2E-01	No	2.0E-04	0.29	96.4%	I
MW-28	T	1.6E-03	1.2E-03	1.1E-03	No	-1.0E-03	0.65	98.3%	D
MW-29	T	1.5E-03	1.3E-03	8.1E-04	No	-1.3E-03	0.53	94.6%	PD
MW-30	T	5.3E-02	5.5E-02	3.1E-02	No	8.6E-04	0.60	94.9%	PI
MW-31	T	4.0E-02	3.8E-02	1.3E-02	No	1.2E-04	0.31	73.3%	NT
MW-32	T	7.7E-01	7.4E-01	1.6E-01	No	-2.4E-04	0.21	96.3%	D
MW-33	T	2.3E-03	2.4E-03	1.1E-03	No	2.0E-04	0.47	56.4%	NT
MW-5	T	3.2E-01	2.9E-01	2.0E-01	No	4.3E-04	0.63	99.9%	I
MW-6	T	1.7E+00	1.7E+00	6.9E-01	No	1.9E-04	0.42	96.9%	I
MW-9	S	1.0E-01	2.9E-02	1.7E-01	No	-1.1E-03	1.62	99.8%	D

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Non-detect (ND); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); COV = Coefficient of Variation

MAROS Mann-Kendall Statistics Summary

Project: Maryland PCE Site

User Name: ATC

Location: 3661 South Maryland Parkway

State: Nevada

Time Period: 8/1/2000 to 11/1/2011

Consolidation Period: No Time Consolidation

Consolidation Type: Median

Duplicate Consolidation: Average

ND Values: 1/2 Detection Limit

J Flag Values : Actual Value

Well	Source/ Tail	Number of Samples	Number of Detects	Coefficient of Variation	Mann-Kendall Statistic	Confidence in Trend	All Samples "ND" ?	Concentration Trend
TETRACHLOROETHYLENE(PCE)								
MW-1	S	21	21	0.81	-123	100.0%	No	D
MW-13	T	21	21	0.33	-106	99.9%	No	D
MW-14	T	19	19	0.33	-80	99.8%	No	D
MW-17	S	15	15	0.60	-57	99.8%	No	D
MW-18	T	24	24	0.35	-125	99.9%	No	D
MW-19	T	24	24	0.23	-24	71.4%	No	S
MW-2	T	20	20	0.57	-139	100.0%	No	D
MW-20	T	25	25	0.47	-171	100.0%	No	D
MW-23	T	22	22	0.29	-131	100.0%	No	D
MW-25	T	25	25	0.27	-169	100.0%	No	D
MW-26	T	21	21	0.18	-63	97.0%	No	D
MW-27	T	21	21	0.29	50	93.0%	No	PI
MW-28	T	8	8	0.65	-18	98.4%	No	D
MW-29	T	5	5	0.53	-6	88.3%	No	S
MW-30	T	16	16	0.60	-16	74.7%	No	S
MW-31	T	15	15	0.31	-2	52.0%	No	S
MW-32	T	15	15	0.21	-32	93.7%	No	PD
MW-33	T	5	5	0.47	0	40.8%	No	S
MW-5	T	20	20	0.63	92	99.9%	No	I
MW-6	T	20	20	0.42	77	99.4%	No	I
MW-9	S	18	18	1.62	-79	99.9%	No	D

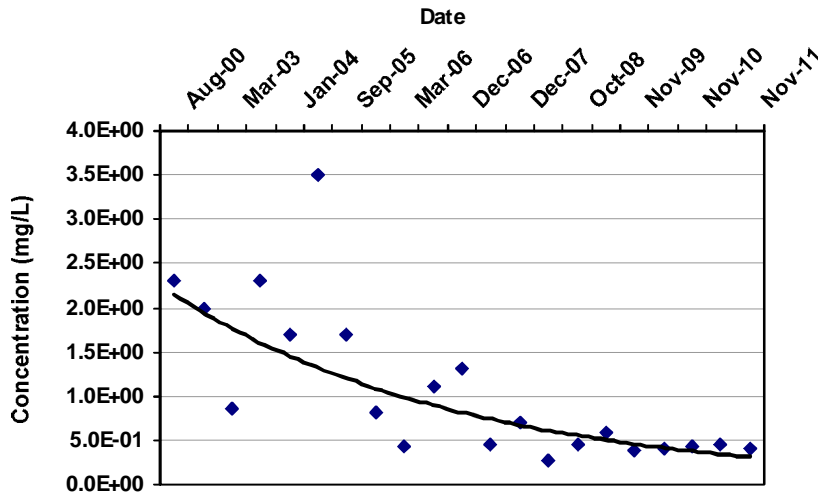
Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A)-Due to insufficient Data (< 4 sampling events); Source/Tail (S/T)

The Number of Samples and Number of Detects shown above are post-consolidation values.

MAROS Linear Regression Statistics

Well: MW-1
 Well Type: S
 COC: TETRACHLOROETHYLENE(PCE)

Time Period: 8/1/2000 to 11/1/2011
 Consolidation Period: No Time Consolidation
 Consolidation Type: Median
 Duplicate Consolidation: Average
 ND Values: 1/2 Detection Limit
 J Flag Values : Actual Value



COV:
 Confidence in Trend:
 Ln Slope:
 LR Concentration Trend:

Consolidation Data Table:

Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-1	S	8/1/2000	TETRACHLOROETHYLENE(PCE)	2.3E+00		1	1
MW-1	S	9/1/2002	TETRACHLOROETHYLENE(PCE)	2.0E+00		1	1
MW-1	S	3/1/2003	TETRACHLOROETHYLENE(PCE)	8.7E-01		1	1
MW-1	S	9/1/2003	TETRACHLOROETHYLENE(PCE)	2.3E+00		1	1
MW-1	S	1/1/2004	TETRACHLOROETHYLENE(PCE)	1.7E+00		1	1
MW-1	S	5/1/2005	TETRACHLOROETHYLENE(PCE)	3.5E+00		1	1
MW-1	S	9/1/2005	TETRACHLOROETHYLENE(PCE)	1.7E+00		1	1
MW-1	S	12/1/2005	TETRACHLOROETHYLENE(PCE)	8.2E-01		1	1
MW-1	S	3/1/2006	TETRACHLOROETHYLENE(PCE)	4.2E-01		1	1
MW-1	S	10/1/2006	TETRACHLOROETHYLENE(PCE)	1.1E+00		1	1
MW-1	S	12/1/2006	TETRACHLOROETHYLENE(PCE)	1.3E+00		1	1
MW-1	S	6/1/2007	TETRACHLOROETHYLENE(PCE)	4.5E-01		1	1
MW-1	S	12/1/2007	TETRACHLOROETHYLENE(PCE)	7.1E-01		1	1
MW-1	S	6/1/2008	TETRACHLOROETHYLENE(PCE)	2.6E-01		1	1
MW-1	S	10/1/2008	TETRACHLOROETHYLENE(PCE)	4.6E-01		1	1
MW-1	S	6/1/2009	TETRACHLOROETHYLENE(PCE)	5.9E-01		1	1
MW-1	S	11/1/2009	TETRACHLOROETHYLENE(PCE)	3.9E-01		1	1
MW-1	S	6/1/2010	TETRACHLOROETHYLENE(PCE)	4.0E-01		1	1
MW-1	S	11/1/2010	TETRACHLOROETHYLENE(PCE)	4.3E-01		1	1
MW-1	S	6/1/2011	TETRACHLOROETHYLENE(PCE)	4.6E-01		1	1
MW-1	S	11/1/2011	TETRACHLOROETHYLENE(PCE)	4.1E-01		1	1

MAROS Linear Regression Statistics

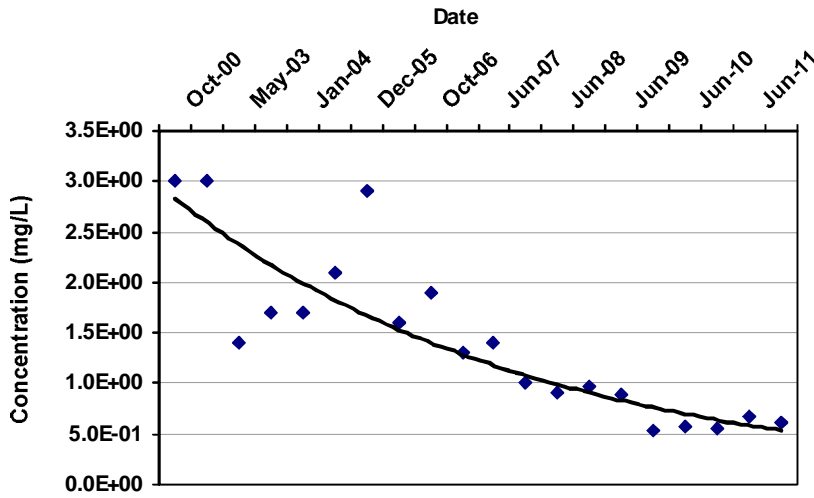
Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
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Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = All Samples are Non-detect

MAROS Linear Regression Statistics

Well: MW-2
 Well Type: T
 COC: TETRACHLOROETHYLENE(PCE)

Time Period: 8/1/2000 to 11/1/2011
 Consolidation Period: No Time Consolidation
 Consolidation Type: Median
 Duplicate Consolidation: Average
 ND Values: 1/2 Detection Limit
 J Flag Values : Actual Value



COV:
 Confidence in Trend:
 Ln Slope:
 LR Concentration Trend:

Consolidation Data Table:

Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-2	T	10/1/2000	TETRACHLOROETHYLENE(PCE)	3.0E+00		1	1
MW-2	T	9/1/2002	TETRACHLOROETHYLENE(PCE)	3.0E+00		1	1
MW-2	T	5/1/2003	TETRACHLOROETHYLENE(PCE)	1.4E+00		1	1
MW-2	T	9/1/2003	TETRACHLOROETHYLENE(PCE)	1.7E+00		1	1
MW-2	T	1/1/2004	TETRACHLOROETHYLENE(PCE)	1.7E+00		1	1
MW-2	T	5/1/2005	TETRACHLOROETHYLENE(PCE)	2.1E+00		1	1
MW-2	T	12/1/2005	TETRACHLOROETHYLENE(PCE)	2.9E+00		1	1
MW-2	T	6/1/2006	TETRACHLOROETHYLENE(PCE)	1.6E+00		1	1
MW-2	T	10/1/2006	TETRACHLOROETHYLENE(PCE)	1.9E+00		1	1
MW-2	T	12/1/2006	TETRACHLOROETHYLENE(PCE)	1.3E+00		1	1
MW-2	T	6/1/2007	TETRACHLOROETHYLENE(PCE)	1.4E+00		1	1
MW-2	T	12/1/2007	TETRACHLOROETHYLENE(PCE)	1.0E+00		1	1
MW-2	T	6/1/2008	TETRACHLOROETHYLENE(PCE)	9.0E-01		1	1
MW-2	T	10/1/2008	TETRACHLOROETHYLENE(PCE)	9.6E-01		1	1
MW-2	T	6/1/2009	TETRACHLOROETHYLENE(PCE)	8.8E-01		1	1
MW-2	T	11/1/2009	TETRACHLOROETHYLENE(PCE)	5.3E-01		1	1
MW-2	T	6/1/2010	TETRACHLOROETHYLENE(PCE)	5.7E-01		1	1
MW-2	T	11/1/2010	TETRACHLOROETHYLENE(PCE)	5.6E-01		1	1
MW-2	T	6/1/2011	TETRACHLOROETHYLENE(PCE)	6.8E-01		1	1
MW-2	T	11/1/2011	TETRACHLOROETHYLENE(PCE)	6.1E-01		1	1

MAROS Linear Regression Statistics

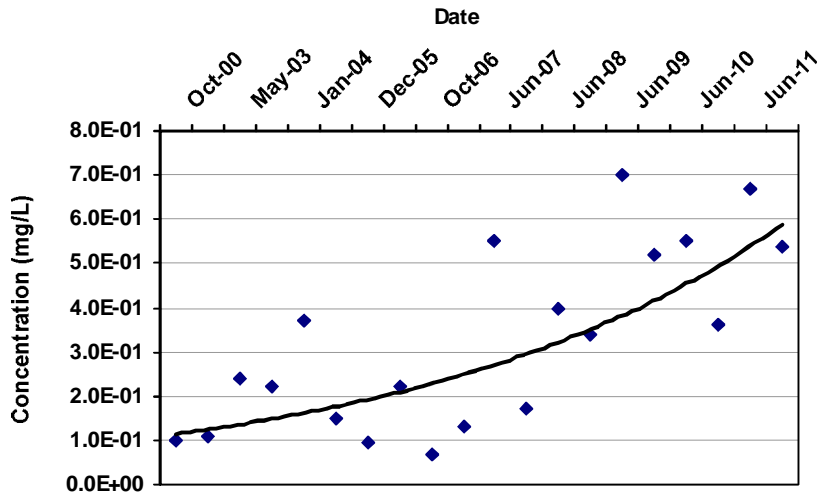
Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
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Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = All Samples are Non-detect

MAROS Linear Regression Statistics

Well: MW-5
 Well Type: T
 COC: TETRACHLOROETHYLENE(PCE)

Time Period: 8/1/2000 to 11/1/2011
 Consolidation Period: No Time Consolidation
 Consolidation Type: Median
 Duplicate Consolidation: Average
 ND Values: 1/2 Detection Limit
 J Flag Values : Actual Value



COV:
 Confidence in Trend:
 Ln Slope:
 LR Concentration Trend:

Consolidation Data Table:

Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-5	T	10/1/2000	TETRACHLOROETHYLENE(PCE)	1.0E-01		1	1
MW-5	T	9/1/2002	TETRACHLOROETHYLENE(PCE)	1.1E-01		1	1
MW-5	T	5/1/2003	TETRACHLOROETHYLENE(PCE)	2.4E-01		1	1
MW-5	T	9/1/2003	TETRACHLOROETHYLENE(PCE)	2.2E-01		1	1
MW-5	T	1/1/2004	TETRACHLOROETHYLENE(PCE)	3.7E-01		1	1
MW-5	T	5/1/2005	TETRACHLOROETHYLENE(PCE)	1.5E-01		1	1
MW-5	T	12/1/2005	TETRACHLOROETHYLENE(PCE)	9.3E-02		1	1
MW-5	T	6/1/2006	TETRACHLOROETHYLENE(PCE)	2.2E-01		1	1
MW-5	T	10/1/2006	TETRACHLOROETHYLENE(PCE)	6.7E-02		1	1
MW-5	T	12/1/2006	TETRACHLOROETHYLENE(PCE)	1.3E-01		1	1
MW-5	T	6/1/2007	TETRACHLOROETHYLENE(PCE)	5.5E-01		1	1
MW-5	T	12/1/2007	TETRACHLOROETHYLENE(PCE)	1.7E-01		1	1
MW-5	T	6/1/2008	TETRACHLOROETHYLENE(PCE)	4.0E-01		1	1
MW-5	T	10/1/2008	TETRACHLOROETHYLENE(PCE)	3.4E-01		1	1
MW-5	T	6/1/2009	TETRACHLOROETHYLENE(PCE)	7.0E-01		1	1
MW-5	T	11/1/2009	TETRACHLOROETHYLENE(PCE)	5.2E-01		1	1
MW-5	T	6/1/2010	TETRACHLOROETHYLENE(PCE)	5.5E-01		1	1
MW-5	T	11/1/2010	TETRACHLOROETHYLENE(PCE)	3.6E-01		1	1
MW-5	T	6/1/2011	TETRACHLOROETHYLENE(PCE)	6.7E-01		1	1
MW-5	T	11/1/2011	TETRACHLOROETHYLENE(PCE)	5.4E-01		1	1

MAROS Linear Regression Statistics

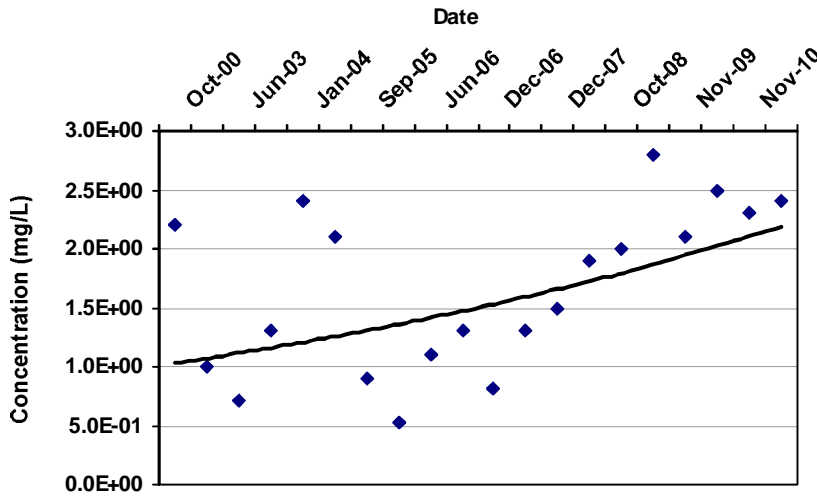
Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
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Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = All Samples are Non-detect

MAROS Linear Regression Statistics

Well: MW-6
 Well Type: T
 COC: TETRACHLOROETHYLENE(PCE)

Time Period: 8/1/2000 to 11/1/2011
 Consolidation Period: No Time Consolidation
 Consolidation Type: Median
 Duplicate Consolidation: Average
 ND Values: 1/2 Detection Limit
 J Flag Values : Actual Value



COV:
 Confidence in Trend:
 Ln Slope:
 LR Concentration Trend:

Consolidation Data Table:

Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-6	T	10/1/2000	TETRACHLOROETHYLENE(PCE)	2.2E+00		1	1
MW-6	T	9/1/2002	TETRACHLOROETHYLENE(PCE)	1.0E+00		1	1
MW-6	T	6/1/2003	TETRACHLOROETHYLENE(PCE)	7.1E-01		1	1
MW-6	T	9/1/2003	TETRACHLOROETHYLENE(PCE)	1.3E+00		1	1
MW-6	T	1/1/2004	TETRACHLOROETHYLENE(PCE)	2.4E+00		1	1
MW-6	T	5/1/2005	TETRACHLOROETHYLENE(PCE)	2.1E+00		1	1
MW-6	T	9/1/2005	TETRACHLOROETHYLENE(PCE)	8.9E-01		1	1
MW-6	T	12/1/2005	TETRACHLOROETHYLENE(PCE)	5.3E-01		1	1
MW-6	T	6/1/2006	TETRACHLOROETHYLENE(PCE)	1.1E+00		1	1
MW-6	T	10/1/2006	TETRACHLOROETHYLENE(PCE)	1.3E+00		1	1
MW-6	T	12/1/2006	TETRACHLOROETHYLENE(PCE)	8.1E-01		1	1
MW-6	T	7/1/2007	TETRACHLOROETHYLENE(PCE)	1.3E+00		1	1
MW-6	T	12/1/2007	TETRACHLOROETHYLENE(PCE)	1.5E+00		1	1
MW-6	T	6/1/2008	TETRACHLOROETHYLENE(PCE)	1.9E+00		1	1
MW-6	T	10/1/2008	TETRACHLOROETHYLENE(PCE)	2.0E+00		1	1
MW-6	T	6/1/2009	TETRACHLOROETHYLENE(PCE)	2.8E+00		1	1
MW-6	T	11/1/2009	TETRACHLOROETHYLENE(PCE)	2.1E+00		1	1
MW-6	T	6/1/2010	TETRACHLOROETHYLENE(PCE)	2.5E+00		1	1
MW-6	T	11/1/2010	TETRACHLOROETHYLENE(PCE)	2.3E+00		1	1
MW-6	T	6/1/2011	TETRACHLOROETHYLENE(PCE)	2.4E+00		1	1

MAROS Linear Regression Statistics

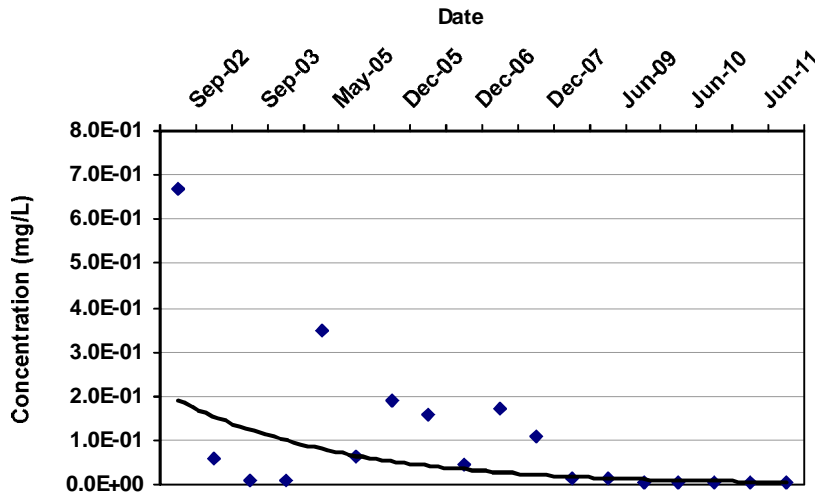
Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
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Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = All Samples are Non-detect

MAROS Linear Regression Statistics

Well: MW-9
 Well Type: S
 COC: TETRACHLOROETHYLENE(PCE)

Time Period: 8/1/2000 to 11/1/2011
 Consolidation Period: No Time Consolidation
 Consolidation Type: Median
 Duplicate Consolidation: Average
 ND Values: 1/2 Detection Limit
 J Flag Values : Actual Value



COV:
 Confidence in Trend:
 Ln Slope:
 LR Concentration Trend:

Consolidation Data Table:

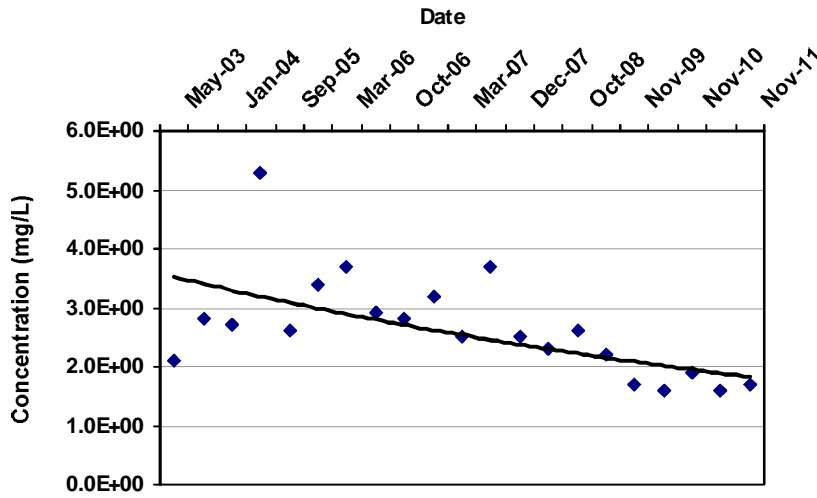
Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-9	S	9/1/2002	TETRACHLOROETHYLENE(PCE)	6.7E-01		1	1
MW-9	S	5/1/2003	TETRACHLOROETHYLENE(PCE)	5.9E-02		1	1
MW-9	S	9/1/2003	TETRACHLOROETHYLENE(PCE)	9.2E-03		1	1
MW-9	S	1/1/2004	TETRACHLOROETHYLENE(PCE)	1.0E-02		1	1
MW-9	S	5/1/2005	TETRACHLOROETHYLENE(PCE)	3.5E-01		1	1
MW-9	S	9/1/2005	TETRACHLOROETHYLENE(PCE)	6.4E-02		1	1
MW-9	S	12/1/2005	TETRACHLOROETHYLENE(PCE)	1.9E-01		1	1
MW-9	S	10/1/2006	TETRACHLOROETHYLENE(PCE)	1.6E-01		1	1
MW-9	S	12/1/2006	TETRACHLOROETHYLENE(PCE)	4.5E-02		1	1
MW-9	S	6/1/2007	TETRACHLOROETHYLENE(PCE)	1.7E-01		1	1
MW-9	S	12/1/2007	TETRACHLOROETHYLENE(PCE)	1.1E-01		1	1
MW-9	S	10/1/2008	TETRACHLOROETHYLENE(PCE)	1.2E-02		1	1
MW-9	S	6/1/2009	TETRACHLOROETHYLENE(PCE)	1.3E-02		1	1
MW-9	S	11/1/2009	TETRACHLOROETHYLENE(PCE)	5.5E-03		1	1
MW-9	S	6/1/2010	TETRACHLOROETHYLENE(PCE)	6.6E-03		1	1
MW-9	S	11/1/2010	TETRACHLOROETHYLENE(PCE)	3.7E-03		1	1
MW-9	S	6/1/2011	TETRACHLOROETHYLENE(PCE)	2.3E-03		1	1
MW-9	S	11/1/2011	TETRACHLOROETHYLENE(PCE)	5.6E-03		1	1

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = All Samples are Non-detect

MAROS Linear Regression Statistics

Well: MW-13
 Well Type: T
 COC: TETRACHLOROETHYLENE(PCE)

Time Period: 8/1/2000 to 11/1/2011
 Consolidation Period: No Time Consolidation
 Consolidation Type: Median
 Duplicate Consolidation: Average
 ND Values: 1/2 Detection Limit
 J Flag Values : Actual Value



COV:
 Confidence in Trend:
 Ln Slope:
 LR Concentration Trend:

Consolidation Data Table:

Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-13	T	5/1/2003	TETRACHLOROETHYLENE(PCE)	2.1E+00		1	1
MW-13	T	9/1/2003	TETRACHLOROETHYLENE(PCE)	2.8E+00		1	1
MW-13	T	1/1/2004	TETRACHLOROETHYLENE(PCE)	2.7E+00		1	1
MW-13	T	5/1/2005	TETRACHLOROETHYLENE(PCE)	5.3E+00		1	1
MW-13	T	9/1/2005	TETRACHLOROETHYLENE(PCE)	2.6E+00		1	1
MW-13	T	12/1/2005	TETRACHLOROETHYLENE(PCE)	3.4E+00		1	1
MW-13	T	3/1/2006	TETRACHLOROETHYLENE(PCE)	3.7E+00		1	1
MW-13	T	6/1/2006	TETRACHLOROETHYLENE(PCE)	2.9E+00		1	1
MW-13	T	10/1/2006	TETRACHLOROETHYLENE(PCE)	2.8E+00		1	1
MW-13	T	12/1/2006	TETRACHLOROETHYLENE(PCE)	3.2E+00		1	1
MW-13	T	3/1/2007	TETRACHLOROETHYLENE(PCE)	2.5E+00		1	1
MW-13	T	6/1/2007	TETRACHLOROETHYLENE(PCE)	3.7E+00		1	1
MW-13	T	12/1/2007	TETRACHLOROETHYLENE(PCE)	2.5E+00		1	1
MW-13	T	6/1/2008	TETRACHLOROETHYLENE(PCE)	2.3E+00		1	1
MW-13	T	10/1/2008	TETRACHLOROETHYLENE(PCE)	2.6E+00		1	1
MW-13	T	6/1/2009	TETRACHLOROETHYLENE(PCE)	2.2E+00		1	1
MW-13	T	11/1/2009	TETRACHLOROETHYLENE(PCE)	1.7E+00		1	1
MW-13	T	6/1/2010	TETRACHLOROETHYLENE(PCE)	1.6E+00		1	1
MW-13	T	11/1/2010	TETRACHLOROETHYLENE(PCE)	1.9E+00		1	1
MW-13	T	6/1/2011	TETRACHLOROETHYLENE(PCE)	1.6E+00		1	1
MW-13	T	11/1/2011	TETRACHLOROETHYLENE(PCE)	1.7E+00		1	1

MAROS Linear Regression Statistics

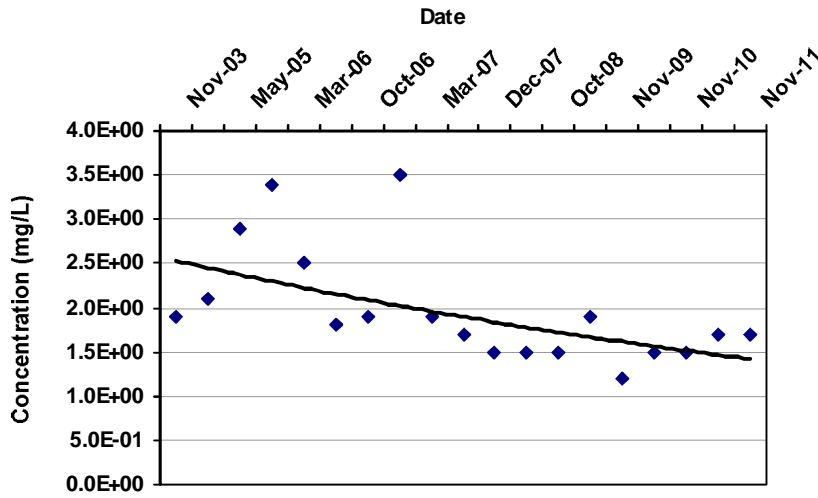
Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
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Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = All Samples are Non-detect

MAROS Linear Regression Statistics

Well: MW-14
 Well Type: T
 COC: TETRACHLOROETHYLENE(PCE)

Time Period: 8/1/2000 to 11/1/2011
 Consolidation Period: No Time Consolidation
 Consolidation Type: Median
 Duplicate Consolidation: Average
 ND Values: 1/2 Detection Limit
 J Flag Values : Actual Value



COV:
 Confidence in Trend:
 Ln Slope:
 LR Concentration Trend:

Consolidation Data Table:

Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-14	T	11/1/2003	TETRACHLOROETHYLENE(PCE)	1.9E+00		1	1
MW-14	T	1/1/2004	TETRACHLOROETHYLENE(PCE)	2.1E+00		1	1
MW-14	T	5/1/2005	TETRACHLOROETHYLENE(PCE)	2.9E+00		1	1
MW-14	T	12/1/2005	TETRACHLOROETHYLENE(PCE)	3.4E+00		1	1
MW-14	T	3/1/2006	TETRACHLOROETHYLENE(PCE)	2.5E+00		1	1
MW-14	T	6/1/2006	TETRACHLOROETHYLENE(PCE)	1.8E+00		1	1
MW-14	T	10/1/2006	TETRACHLOROETHYLENE(PCE)	1.9E+00		1	1
MW-14	T	12/1/2006	TETRACHLOROETHYLENE(PCE)	3.5E+00		1	1
MW-14	T	3/1/2007	TETRACHLOROETHYLENE(PCE)	1.9E+00		1	1
MW-14	T	6/1/2007	TETRACHLOROETHYLENE(PCE)	1.7E+00		1	1
MW-14	T	12/1/2007	TETRACHLOROETHYLENE(PCE)	1.5E+00		1	1
MW-14	T	6/1/2008	TETRACHLOROETHYLENE(PCE)	1.5E+00		1	1
MW-14	T	10/1/2008	TETRACHLOROETHYLENE(PCE)	1.5E+00		1	1
MW-14	T	6/1/2009	TETRACHLOROETHYLENE(PCE)	1.9E+00		1	1
MW-14	T	11/1/2009	TETRACHLOROETHYLENE(PCE)	1.2E+00		1	1
MW-14	T	6/1/2010	TETRACHLOROETHYLENE(PCE)	1.5E+00		1	1
MW-14	T	11/1/2010	TETRACHLOROETHYLENE(PCE)	1.5E+00		1	1
MW-14	T	6/1/2011	TETRACHLOROETHYLENE(PCE)	1.7E+00		1	1
MW-14	T	11/1/2011	TETRACHLOROETHYLENE(PCE)	1.7E+00		1	1

MAROS Linear Regression Statistics

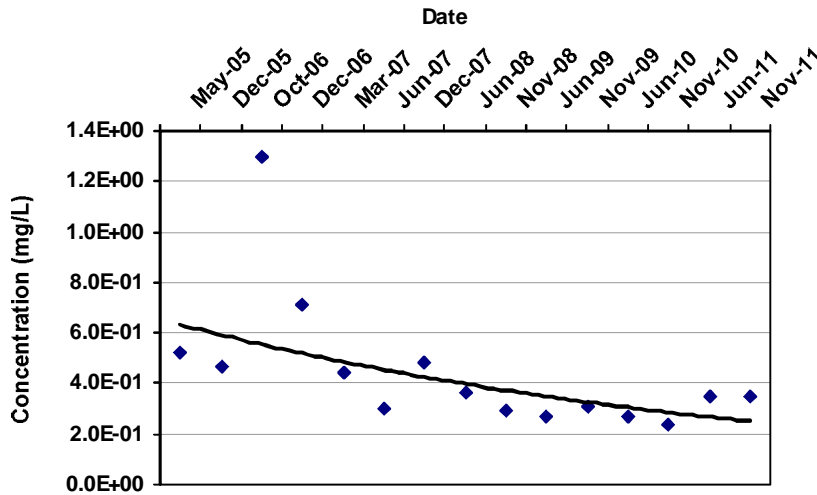
Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
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Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = All Samples are Non-detect

MAROS Linear Regression Statistics

Well: MW-17
 Well Type: S
 COC: TETRACHLOROETHYLENE(PCE)

Time Period: 8/1/2000 to 11/1/2011
 Consolidation Period: No Time Consolidation
 Consolidation Type: Median
 Duplicate Consolidation: Average
 ND Values: 1/2 Detection Limit
 J Flag Values : Actual Value



COV:
 Confidence in Trend:
 Ln Slope:
 LR Concentration Trend:

Consolidation Data Table:

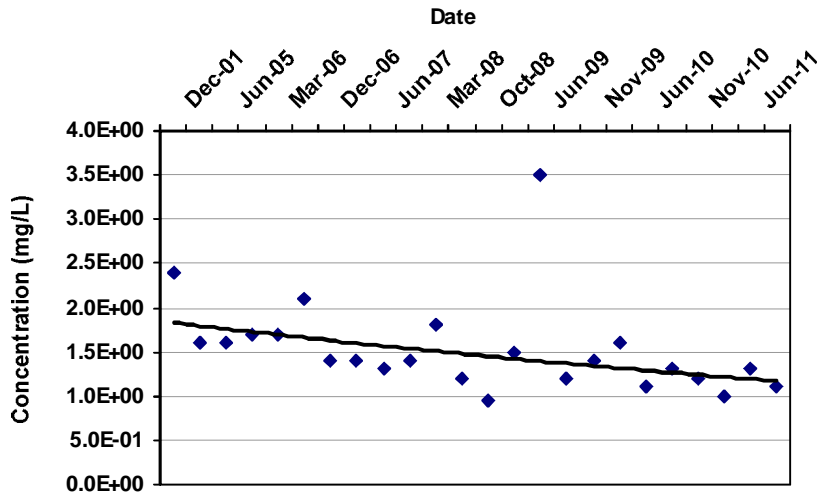
Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-17	S	5/1/2005	TETRACHLOROETHYLENE(PCE)	5.2E-01		1	1
MW-17	S	12/1/2005	TETRACHLOROETHYLENE(PCE)	4.7E-01		1	1
MW-17	S	10/1/2006	TETRACHLOROETHYLENE(PCE)	1.3E+00		1	1
MW-17	S	12/1/2006	TETRACHLOROETHYLENE(PCE)	7.1E-01		1	1
MW-17	S	3/1/2007	TETRACHLOROETHYLENE(PCE)	4.4E-01		1	1
MW-17	S	6/1/2007	TETRACHLOROETHYLENE(PCE)	3.0E-01		1	1
MW-17	S	12/1/2007	TETRACHLOROETHYLENE(PCE)	4.8E-01		1	1
MW-17	S	6/1/2008	TETRACHLOROETHYLENE(PCE)	3.6E-01		1	1
MW-17	S	11/1/2008	TETRACHLOROETHYLENE(PCE)	2.9E-01		1	1
MW-17	S	6/1/2009	TETRACHLOROETHYLENE(PCE)	2.7E-01		1	1
MW-17	S	11/1/2009	TETRACHLOROETHYLENE(PCE)	3.1E-01		1	1
MW-17	S	6/1/2010	TETRACHLOROETHYLENE(PCE)	2.7E-01		1	1
MW-17	S	11/1/2010	TETRACHLOROETHYLENE(PCE)	2.4E-01		1	1
MW-17	S	6/1/2011	TETRACHLOROETHYLENE(PCE)	3.5E-01		1	1
MW-17	S	11/1/2011	TETRACHLOROETHYLENE(PCE)	3.5E-01		1	1

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = All Samples are Non-detect

MAROS Linear Regression Statistics

Well: MW-18
 Well Type: T
 COC: TETRACHLOROETHYLENE(PCE)

Time Period: 8/1/2000 to 11/1/2011
 Consolidation Period: No Time Consolidation
 Consolidation Type: Median
 Duplicate Consolidation: Average
 ND Values: 1/2 Detection Limit
 J Flag Values : Actual Value



COV:
 Confidence in Trend:
 Ln Slope:
 LR Concentration Trend:

Consolidation Data Table:

Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-18	T	12/1/2001	TETRACHLOROETHYLENE(PCE)	2.4E+00		1	1
MW-18	T	5/1/2005	TETRACHLOROETHYLENE(PCE)	1.6E+00		1	1
MW-18	T	6/1/2005	TETRACHLOROETHYLENE(PCE)	1.6E+00		1	1
MW-18	T	9/1/2005	TETRACHLOROETHYLENE(PCE)	1.7E+00		1	1
MW-18	T	3/1/2006	TETRACHLOROETHYLENE(PCE)	1.7E+00		1	1
MW-18	T	10/1/2006	TETRACHLOROETHYLENE(PCE)	2.1E+00		1	1
MW-18	T	12/1/2006	TETRACHLOROETHYLENE(PCE)	1.4E+00		1	1
MW-18	T	3/1/2007	TETRACHLOROETHYLENE(PCE)	1.4E+00		1	1
MW-18	T	6/1/2007	TETRACHLOROETHYLENE(PCE)	1.3E+00		1	1
MW-18	T	12/1/2007	TETRACHLOROETHYLENE(PCE)	1.4E+00		1	1
MW-18	T	3/1/2008	TETRACHLOROETHYLENE(PCE)	1.8E+00		1	1
MW-18	T	6/1/2008	TETRACHLOROETHYLENE(PCE)	1.2E+00		1	1
MW-18	T	10/1/2008	TETRACHLOROETHYLENE(PCE)	9.5E-01		1	1
MW-18	T	2/1/2009	TETRACHLOROETHYLENE(PCE)	1.5E+00		1	1
MW-18	T	6/1/2009	TETRACHLOROETHYLENE(PCE)	3.5E+00		1	1
MW-18	T	9/1/2009	TETRACHLOROETHYLENE(PCE)	1.2E+00		1	1
MW-18	T	11/1/2009	TETRACHLOROETHYLENE(PCE)	1.4E+00		1	1
MW-18	T	2/1/2010	TETRACHLOROETHYLENE(PCE)	1.6E+00		1	1
MW-18	T	6/1/2010	TETRACHLOROETHYLENE(PCE)	1.1E+00		1	1
MW-18	T	10/1/2010	TETRACHLOROETHYLENE(PCE)	1.3E+00		1	1
MW-18	T	11/1/2010	TETRACHLOROETHYLENE(PCE)	1.2E+00		1	1

MAROS Linear Regression Statistics

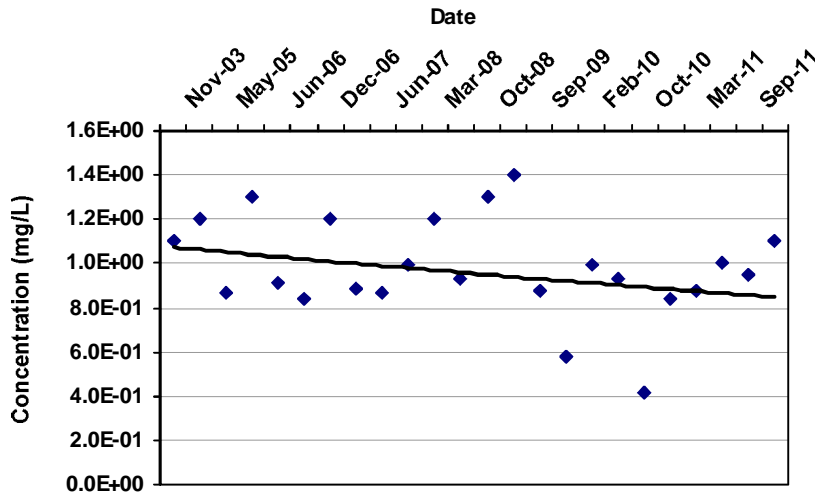
Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-18	T	3/1/2011	TETRACHLOROETHYLENE(PCE)	1.0E+00		1	1
MW-18	T	6/1/2011	TETRACHLOROETHYLENE(PCE)	1.3E+00		1	1
MW-18	T	11/1/2011	TETRACHLOROETHYLENE(PCE)	1.1E+00		1	1

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = All Samples are Non-detect

MAROS Linear Regression Statistics

Well: MW-19
 Well Type: T
 COC: TETRACHLOROETHYLENE(PCE)

Time Period: 8/1/2000 to 11/1/2011
 Consolidation Period: No Time Consolidation
 Consolidation Type: Median
 Duplicate Consolidation: Average
 ND Values: 1/2 Detection Limit
 J Flag Values : Actual Value



COV: 0.23
 Confidence in Trend: 92.3%
 Ln Slope: -8.9E-05
 LR Concentration Trend: PD

Consolidation Data Table:

Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-19	T	11/1/2003	TETRACHLOROETHYLENE(PCE)	1.1E+00		1	1
MW-19	T	1/1/2004	TETRACHLOROETHYLENE(PCE)	1.2E+00		1	1
MW-19	T	5/1/2005	TETRACHLOROETHYLENE(PCE)	8.7E-01		1	1
MW-19	T	12/1/2005	TETRACHLOROETHYLENE(PCE)	1.3E+00		1	1
MW-19	T	6/1/2006	TETRACHLOROETHYLENE(PCE)	9.1E-01		1	1
MW-19	T	10/1/2006	TETRACHLOROETHYLENE(PCE)	8.4E-01		1	1
MW-19	T	12/1/2006	TETRACHLOROETHYLENE(PCE)	1.2E+00		1	1
MW-19	T	3/1/2007	TETRACHLOROETHYLENE(PCE)	8.9E-01		1	1
MW-19	T	6/1/2007	TETRACHLOROETHYLENE(PCE)	8.7E-01		1	1
MW-19	T	12/1/2007	TETRACHLOROETHYLENE(PCE)	9.9E-01		1	1
MW-19	T	3/1/2008	TETRACHLOROETHYLENE(PCE)	1.2E+00		1	1
MW-19	T	6/1/2008	TETRACHLOROETHYLENE(PCE)	9.3E-01		1	1
MW-19	T	10/1/2008	TETRACHLOROETHYLENE(PCE)	1.3E+00		1	1
MW-19	T	6/1/2009	TETRACHLOROETHYLENE(PCE)	1.4E+00		1	1
MW-19	T	9/1/2009	TETRACHLOROETHYLENE(PCE)	8.8E-01		1	1
MW-19	T	11/1/2009	TETRACHLOROETHYLENE(PCE)	5.8E-01		1	1
MW-19	T	2/1/2010	TETRACHLOROETHYLENE(PCE)	9.9E-01		1	1
MW-19	T	6/1/2010	TETRACHLOROETHYLENE(PCE)	9.3E-01		1	1
MW-19	T	10/1/2010	TETRACHLOROETHYLENE(PCE)	4.2E-01		1	1
MW-19	T	11/1/2010	TETRACHLOROETHYLENE(PCE)	8.4E-01		1	1
MW-19	T	3/1/2011	TETRACHLOROETHYLENE(PCE)	8.8E-01		1	1

MAROS Linear Regression Statistics

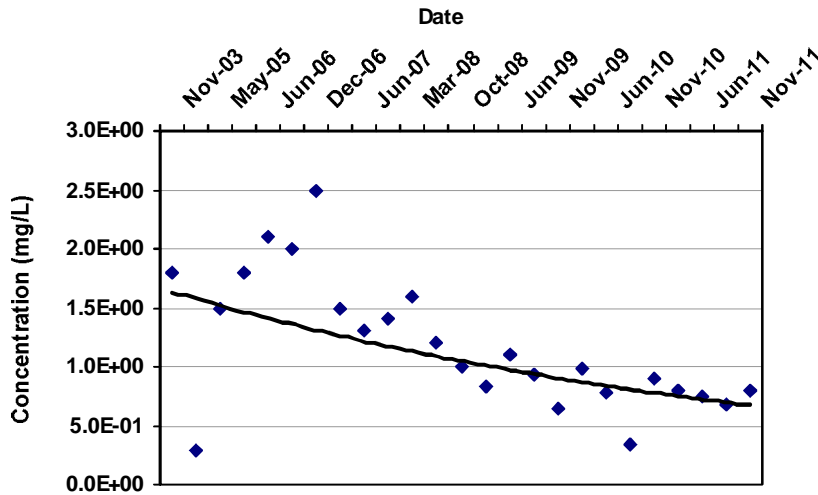
Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-19	T	6/1/2011	TETRACHLOROETHYLENE(PCE)	1.0E+00		1	1
MW-19	T	9/1/2011	TETRACHLOROETHYLENE(PCE)	9.5E-01		1	1
MW-19	T	11/1/2011	TETRACHLOROETHYLENE(PCE)	1.1E+00		1	1

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = All Samples are Non-detect

MAROS Linear Regression Statistics

Well: MW-20
 Well Type: T
 COC: TETRACHLOROETHYLENE(PCE)

Time Period: 8/1/2000 to 11/1/2011
 Consolidation Period: No Time Consolidation
 Consolidation Type: Median
 Duplicate Consolidation: Average
 ND Values: 1/2 Detection Limit
 J Flag Values : Actual Value



COV:
 Confidence in Trend:
 Ln Slope:
 LR Concentration Trend:

Consolidation Data Table:

Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-20	T	11/1/2003	TETRACHLOROETHYLENE(PCE)	1.8E+00		1	1
MW-20	T	1/1/2004	TETRACHLOROETHYLENE(PCE)	2.9E-01		1	1
MW-20	T	5/1/2005	TETRACHLOROETHYLENE(PCE)	1.5E+00		1	1
MW-20	T	12/1/2005	TETRACHLOROETHYLENE(PCE)	1.8E+00		1	1
MW-20	T	6/1/2006	TETRACHLOROETHYLENE(PCE)	2.1E+00		1	1
MW-20	T	10/1/2006	TETRACHLOROETHYLENE(PCE)	2.0E+00		1	1
MW-20	T	12/1/2006	TETRACHLOROETHYLENE(PCE)	2.5E+00		1	1
MW-20	T	3/1/2007	TETRACHLOROETHYLENE(PCE)	1.5E+00		1	1
MW-20	T	6/1/2007	TETRACHLOROETHYLENE(PCE)	1.3E+00		1	1
MW-20	T	12/1/2007	TETRACHLOROETHYLENE(PCE)	1.4E+00		1	1
MW-20	T	3/1/2008	TETRACHLOROETHYLENE(PCE)	1.6E+00		1	1
MW-20	T	6/1/2008	TETRACHLOROETHYLENE(PCE)	1.2E+00		1	1
MW-20	T	10/1/2008	TETRACHLOROETHYLENE(PCE)	1.0E+00		1	1
MW-20	T	2/1/2009	TETRACHLOROETHYLENE(PCE)	8.3E-01		1	1
MW-20	T	6/1/2009	TETRACHLOROETHYLENE(PCE)	1.1E+00		1	1
MW-20	T	9/1/2009	TETRACHLOROETHYLENE(PCE)	9.4E-01		1	1
MW-20	T	11/1/2009	TETRACHLOROETHYLENE(PCE)	6.4E-01		1	1
MW-20	T	2/1/2010	TETRACHLOROETHYLENE(PCE)	9.9E-01		1	1
MW-20	T	6/1/2010	TETRACHLOROETHYLENE(PCE)	7.8E-01		1	1
MW-20	T	10/1/2010	TETRACHLOROETHYLENE(PCE)	3.4E-01		1	1
MW-20	T	11/1/2010	TETRACHLOROETHYLENE(PCE)	8.9E-01		1	1

MAROS Linear Regression Statistics

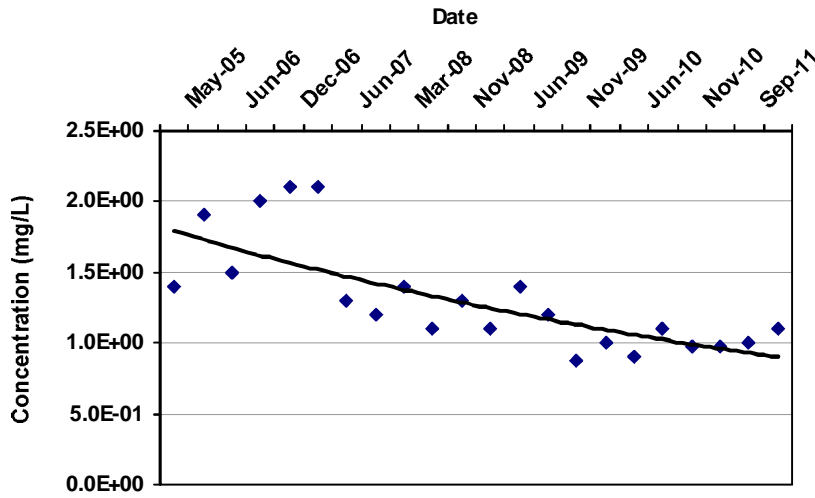
Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-20	T	3/1/2011	TETRACHLOROETHYLENE(PCE)	8.0E-01		1	1
MW-20	T	6/1/2011	TETRACHLOROETHYLENE(PCE)	7.4E-01		1	1
MW-20	T	9/1/2011	TETRACHLOROETHYLENE(PCE)	6.8E-01		1	1
MW-20	T	11/1/2011	TETRACHLOROETHYLENE(PCE)	8.0E-01		1	1

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = All Samples are Non-detect

MAROS Linear Regression Statistics

Well: MW-23
 Well Type: T
 COC: TETRACHLOROETHYLENE(PCE)

Time Period: 8/1/2000 to 11/1/2011
 Consolidation Period: No Time Consolidation
 Consolidation Type: Median
 Duplicate Consolidation: Average
 ND Values: 1/2 Detection Limit
 J Flag Values : Actual Value



COV:
 Confidence in Trend:
 Ln Slope:
 LR Concentration Trend:

Consolidation Data Table:

Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-23	T	5/1/2005	TETRACHLOROETHYLENE(PCE)	1.4E+00		1	1
MW-23	T	12/1/2005	TETRACHLOROETHYLENE(PCE)	1.9E+00		1	1
MW-23	T	6/1/2006	TETRACHLOROETHYLENE(PCE)	1.5E+00		1	1
MW-23	T	10/1/2006	TETRACHLOROETHYLENE(PCE)	2.0E+00		1	1
MW-23	T	12/1/2006	TETRACHLOROETHYLENE(PCE)	2.1E+00		1	1
MW-23	T	3/1/2007	TETRACHLOROETHYLENE(PCE)	2.1E+00		1	1
MW-23	T	6/1/2007	TETRACHLOROETHYLENE(PCE)	1.3E+00		1	1
MW-23	T	12/1/2007	TETRACHLOROETHYLENE(PCE)	1.2E+00		1	1
MW-23	T	3/1/2008	TETRACHLOROETHYLENE(PCE)	1.4E+00		1	1
MW-23	T	6/1/2008	TETRACHLOROETHYLENE(PCE)	1.1E+00		1	1
MW-23	T	11/1/2008	TETRACHLOROETHYLENE(PCE)	1.3E+00		1	1
MW-23	T	2/1/2009	TETRACHLOROETHYLENE(PCE)	1.1E+00		1	1
MW-23	T	6/1/2009	TETRACHLOROETHYLENE(PCE)	1.4E+00		1	1
MW-23	T	9/1/2009	TETRACHLOROETHYLENE(PCE)	1.2E+00		1	1
MW-23	T	11/1/2009	TETRACHLOROETHYLENE(PCE)	8.8E-01		1	1
MW-23	T	2/1/2010	TETRACHLOROETHYLENE(PCE)	1.0E+00		1	1
MW-23	T	6/1/2010	TETRACHLOROETHYLENE(PCE)	9.0E-01		1	1
MW-23	T	10/1/2010	TETRACHLOROETHYLENE(PCE)	1.1E+00		1	1
MW-23	T	11/1/2010	TETRACHLOROETHYLENE(PCE)	9.7E-01		1	1
MW-23	T	6/1/2011	TETRACHLOROETHYLENE(PCE)	9.7E-01		1	1
MW-23	T	9/1/2011	TETRACHLOROETHYLENE(PCE)	1.0E+00		1	1

MAROS Linear Regression Statistics

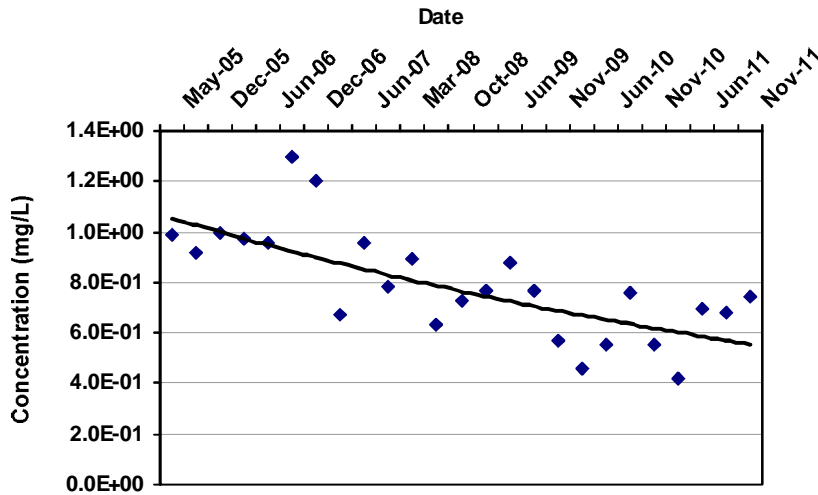
Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-23	T	11/1/2011	TETRACHLOROETHYLENE(PCE)	1.1E+00		1	1

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = All Samples are Non-detect

MAROS Linear Regression Statistics

Well: MW-25
 Well Type: T
 COC: TETRACHLOROETHYLENE(PCE)

Time Period: 8/1/2000 to 11/1/2011
 Consolidation Period: No Time Consolidation
 Consolidation Type: Median
 Duplicate Consolidation: Average
 ND Values: 1/2 Detection Limit
 J Flag Values : Actual Value



COV:
 Confidence in Trend:
 Ln Slope:
 LR Concentration Trend:

Consolidation Data Table:

Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-25	T	5/1/2005	TETRACHLOROETHYLENE(PCE)	9.9E-01		1	1
MW-25	T	9/1/2005	TETRACHLOROETHYLENE(PCE)	9.2E-01		1	1
MW-25	T	12/1/2005	TETRACHLOROETHYLENE(PCE)	1.0E+00		1	1
MW-25	T	3/1/2006	TETRACHLOROETHYLENE(PCE)	9.7E-01		1	1
MW-25	T	6/1/2006	TETRACHLOROETHYLENE(PCE)	9.6E-01		1	1
MW-25	T	10/1/2006	TETRACHLOROETHYLENE(PCE)	1.3E+00		1	1
MW-25	T	12/1/2006	TETRACHLOROETHYLENE(PCE)	1.2E+00		1	1
MW-25	T	3/1/2007	TETRACHLOROETHYLENE(PCE)	6.7E-01		1	1
MW-25	T	6/1/2007	TETRACHLOROETHYLENE(PCE)	9.6E-01		1	1
MW-25	T	10/1/2007	TETRACHLOROETHYLENE(PCE)	7.8E-01		1	1
MW-25	T	3/1/2008	TETRACHLOROETHYLENE(PCE)	8.9E-01		1	1
MW-25	T	6/1/2008	TETRACHLOROETHYLENE(PCE)	6.3E-01		1	1
MW-25	T	10/1/2008	TETRACHLOROETHYLENE(PCE)	7.3E-01		1	1
MW-25	T	2/1/2009	TETRACHLOROETHYLENE(PCE)	7.7E-01		1	1
MW-25	T	6/1/2009	TETRACHLOROETHYLENE(PCE)	8.8E-01		1	1
MW-25	T	9/1/2009	TETRACHLOROETHYLENE(PCE)	7.7E-01		1	1
MW-25	T	11/1/2009	TETRACHLOROETHYLENE(PCE)	5.7E-01		1	1
MW-25	T	2/1/2010	TETRACHLOROETHYLENE(PCE)	4.6E-01		1	1
MW-25	T	6/1/2010	TETRACHLOROETHYLENE(PCE)	5.5E-01		1	1
MW-25	T	10/1/2010	TETRACHLOROETHYLENE(PCE)	7.6E-01		1	1
MW-25	T	11/1/2010	TETRACHLOROETHYLENE(PCE)	5.5E-01		1	1

MAROS Linear Regression Statistics

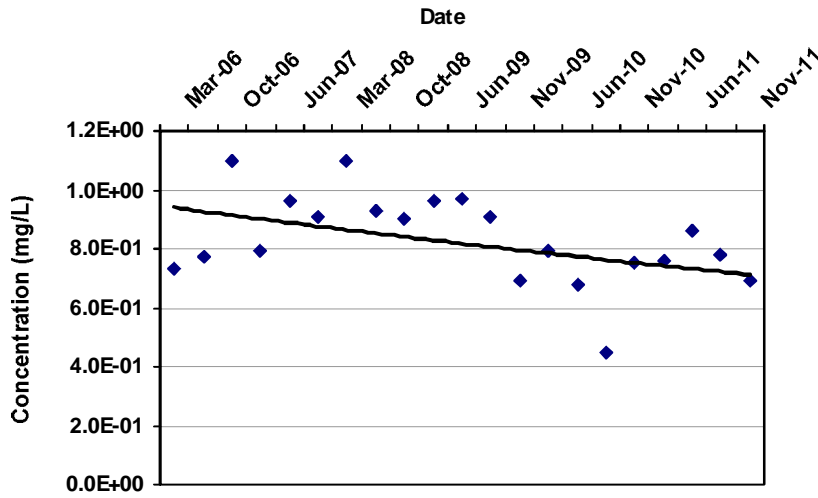
Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-25	T	3/1/2011	TETRACHLOROETHYLENE(PCE)	4.2E-01		1	1
MW-25	T	6/1/2011	TETRACHLOROETHYLENE(PCE)	7.0E-01		1	1
MW-25	T	9/1/2011	TETRACHLOROETHYLENE(PCE)	6.8E-01		1	1
MW-25	T	11/1/2011	TETRACHLOROETHYLENE(PCE)	7.4E-01		1	1

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = All Samples are Non-detect

MAROS Linear Regression Statistics

Well: MW-26
 Well Type: T
 COC: TETRACHLOROETHYLENE(PCE)

Time Period: 8/1/2000 to 11/1/2011
 Consolidation Period: No Time Consolidation
 Consolidation Type: Median
 Duplicate Consolidation: Average
 ND Values: 1/2 Detection Limit
 J Flag Values : Actual Value



COV:
 Confidence in Trend:
 Ln Slope:
 LR Concentration Trend:

Consolidation Data Table:

Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-26	T	3/1/2006	TETRACHLOROETHYLENE(PCE)	7.3E-01		1	1
MW-26	T	6/1/2006	TETRACHLOROETHYLENE(PCE)	7.7E-01		1	1
MW-26	T	10/1/2006	TETRACHLOROETHYLENE(PCE)	1.1E+00		1	1
MW-26	T	3/1/2007	TETRACHLOROETHYLENE(PCE)	7.9E-01		1	1
MW-26	T	6/1/2007	TETRACHLOROETHYLENE(PCE)	9.6E-01		1	1
MW-26	T	12/1/2007	TETRACHLOROETHYLENE(PCE)	9.1E-01		1	1
MW-26	T	3/1/2008	TETRACHLOROETHYLENE(PCE)	1.1E+00		1	1
MW-26	T	6/1/2008	TETRACHLOROETHYLENE(PCE)	9.3E-01		1	1
MW-26	T	10/1/2008	TETRACHLOROETHYLENE(PCE)	9.0E-01		1	1
MW-26	T	2/1/2009	TETRACHLOROETHYLENE(PCE)	9.6E-01		1	1
MW-26	T	6/1/2009	TETRACHLOROETHYLENE(PCE)	9.7E-01		1	1
MW-26	T	9/1/2009	TETRACHLOROETHYLENE(PCE)	9.1E-01		1	1
MW-26	T	11/1/2009	TETRACHLOROETHYLENE(PCE)	6.9E-01		1	1
MW-26	T	2/1/2010	TETRACHLOROETHYLENE(PCE)	7.9E-01		1	1
MW-26	T	6/1/2010	TETRACHLOROETHYLENE(PCE)	6.8E-01		1	1
MW-26	T	10/1/2010	TETRACHLOROETHYLENE(PCE)	4.5E-01		1	1
MW-26	T	11/1/2010	TETRACHLOROETHYLENE(PCE)	7.5E-01		1	1
MW-26	T	3/1/2011	TETRACHLOROETHYLENE(PCE)	7.6E-01		1	1
MW-26	T	6/1/2011	TETRACHLOROETHYLENE(PCE)	8.6E-01		1	1
MW-26	T	9/1/2011	TETRACHLOROETHYLENE(PCE)	7.8E-01		1	1
MW-26	T	11/1/2011	TETRACHLOROETHYLENE(PCE)	6.9E-01		1	1

MAROS Linear Regression Statistics

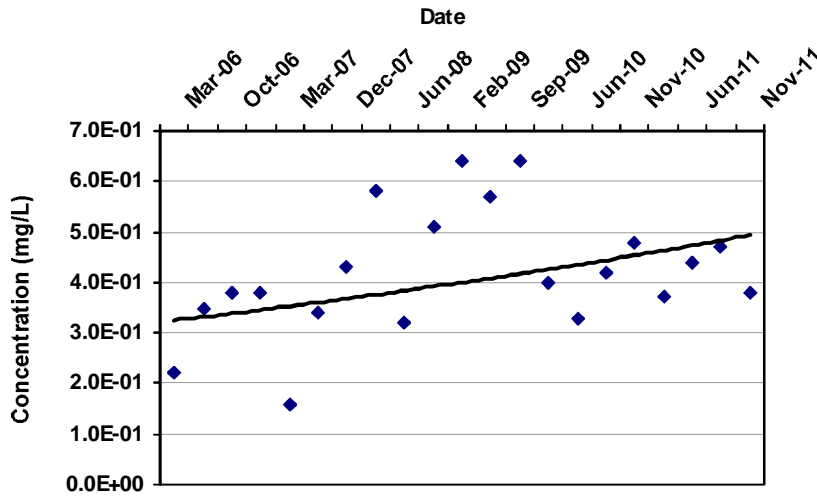
Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
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Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = All Samples are Non-detect

MAROS Linear Regression Statistics

Well: MW-27
 Well Type: T
 COC: TETRACHLOROETHYLENE(PCE)

Time Period: 8/1/2000 to 11/1/2011
 Consolidation Period: No Time Consolidation
 Consolidation Type: Median
 Duplicate Consolidation: Average
 ND Values: 1/2 Detection Limit
 J Flag Values : Actual Value



COV:
 Confidence in Trend:
 Ln Slope:
 LR Concentration Trend:

Consolidation Data Table:

Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-27	T	3/1/2006	TETRACHLOROETHYLENE(PCE)	2.2E-01		1	1
MW-27	T	6/1/2006	TETRACHLOROETHYLENE(PCE)	3.5E-01		1	1
MW-27	T	10/1/2006	TETRACHLOROETHYLENE(PCE)	3.8E-01		1	1
MW-27	T	12/1/2006	TETRACHLOROETHYLENE(PCE)	3.8E-01		1	1
MW-27	T	3/1/2007	TETRACHLOROETHYLENE(PCE)	1.6E-01		1	1
MW-27	T	6/1/2007	TETRACHLOROETHYLENE(PCE)	3.4E-01		1	1
MW-27	T	12/1/2007	TETRACHLOROETHYLENE(PCE)	4.3E-01		1	1
MW-27	T	3/1/2008	TETRACHLOROETHYLENE(PCE)	5.8E-01		1	1
MW-27	T	6/1/2008	TETRACHLOROETHYLENE(PCE)	3.2E-01		1	1
MW-27	T	10/1/2008	TETRACHLOROETHYLENE(PCE)	5.1E-01		1	1
MW-27	T	2/1/2009	TETRACHLOROETHYLENE(PCE)	6.4E-01		2	2
MW-27	T	6/1/2009	TETRACHLOROETHYLENE(PCE)	5.7E-01		1	1
MW-27	T	9/1/2009	TETRACHLOROETHYLENE(PCE)	6.4E-01		1	1
MW-27	T	11/1/2009	TETRACHLOROETHYLENE(PCE)	4.0E-01		1	1
MW-27	T	6/1/2010	TETRACHLOROETHYLENE(PCE)	3.3E-01		1	1
MW-27	T	10/1/2010	TETRACHLOROETHYLENE(PCE)	4.2E-01		1	1
MW-27	T	11/1/2010	TETRACHLOROETHYLENE(PCE)	4.8E-01		1	1
MW-27	T	3/1/2011	TETRACHLOROETHYLENE(PCE)	3.7E-01		1	1
MW-27	T	6/1/2011	TETRACHLOROETHYLENE(PCE)	4.4E-01		1	1
MW-27	T	9/1/2011	TETRACHLOROETHYLENE(PCE)	4.7E-01		1	1
MW-27	T	11/1/2011	TETRACHLOROETHYLENE(PCE)	3.8E-01		1	1

MAROS Linear Regression Statistics

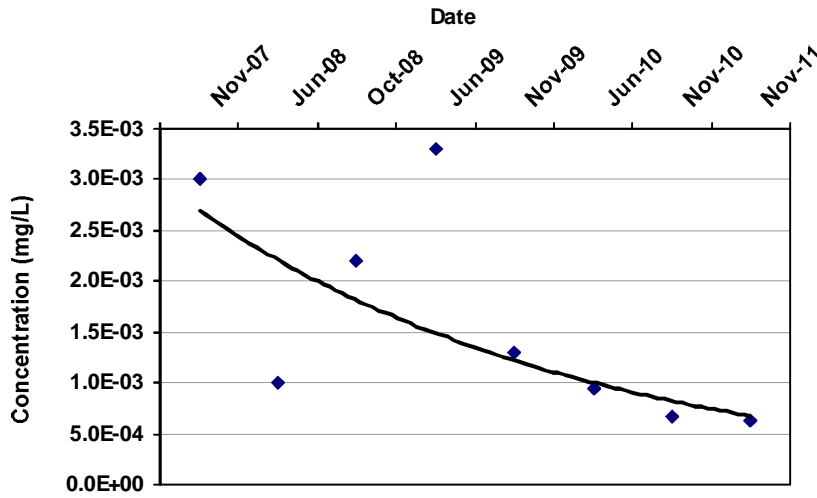
Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
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Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = All Samples are Non-detect

MAROS Linear Regression Statistics

Well: MW-28
 Well Type: T
 COC: TETRACHLOROETHYLENE(PCE)

Time Period: 8/1/2000 to 11/1/2011
 Consolidation Period: No Time Consolidation
 Consolidation Type: Median
 Duplicate Consolidation: Average
 ND Values: 1/2 Detection Limit
 J Flag Values : Actual Value



COV:
 Confidence in Trend:
 Ln Slope:
 LR Concentration Trend:

Consolidation Data Table:

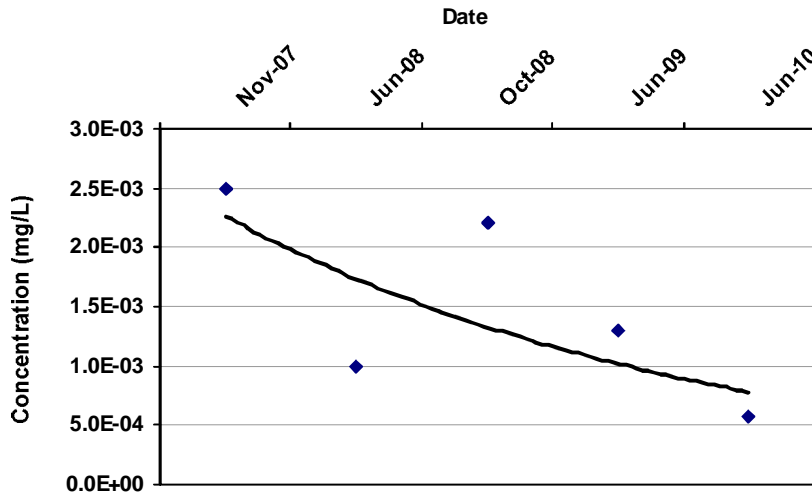
Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-28	T	11/1/2007	TETRACHLOROETHYLENE(PCE)	3.0E-03		1	1
MW-28	T	6/1/2008	TETRACHLOROETHYLENE(PCE)	1.0E-03		1	1
MW-28	T	10/1/2008	TETRACHLOROETHYLENE(PCE)	2.2E-03		1	1
MW-28	T	6/1/2009	TETRACHLOROETHYLENE(PCE)	3.3E-03		1	1
MW-28	T	11/1/2009	TETRACHLOROETHYLENE(PCE)	1.3E-03		1	1
MW-28	T	6/16/2010	TETRACHLOROETHYLENE(PCE)	9.4E-04		1	1
MW-28	T	11/1/2010	TETRACHLOROETHYLENE(PCE)	6.6E-04		1	1
MW-28	T	11/1/2011	TETRACHLOROETHYLENE(PCE)	6.2E-04		1	1

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = All Samples are Non-detect

MAROS Linear Regression Statistics

Well: MW-29
 Well Type: T
 COC: TETRACHLOROETHYLENE(PCE)

Time Period: 8/1/2000 to 11/1/2011
 Consolidation Period: No Time Consolidation
 Consolidation Type: Median
 Duplicate Consolidation: Average
 ND Values: 1/2 Detection Limit
 J Flag Values : Actual Value



COV: 0.53
 Confidence in Trend: 94.6%
 Ln Slope: -1.3E-03
 LR Concentration Trend: PD

Consolidation Data Table:

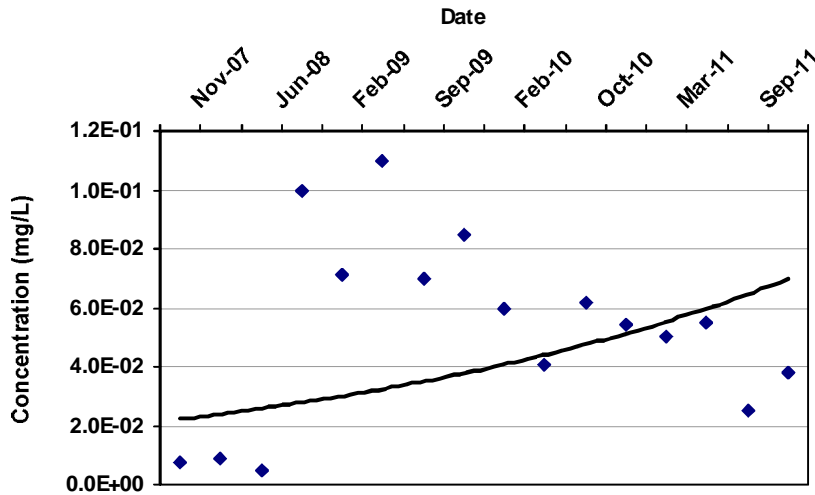
Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-29	T	11/1/2007	TETRACHLOROETHYLENE(PCE)	2.5E-03		1	1
MW-29	T	6/1/2008	TETRACHLOROETHYLENE(PCE)	1.0E-03		1	1
MW-29	T	10/1/2008	TETRACHLOROETHYLENE(PCE)	2.2E-03		1	1
MW-29	T	6/1/2009	TETRACHLOROETHYLENE(PCE)	1.3E-03		1	1
MW-29	T	6/1/2010	TETRACHLOROETHYLENE(PCE)	5.8E-04		1	1

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = All Samples are Non-detect

MAROS Linear Regression Statistics

Well: MW-30
 Well Type: T
 COC: TETRACHLOROETHYLENE(PCE)

Time Period: 8/1/2000 to 11/1/2011
 Consolidation Period: No Time Consolidation
 Consolidation Type: Median
 Duplicate Consolidation: Average
 ND Values: 1/2 Detection Limit
 J Flag Values : Actual Value



COV:
 Confidence in Trend:
 Ln Slope:
 LR Concentration Trend:

Consolidation Data Table:

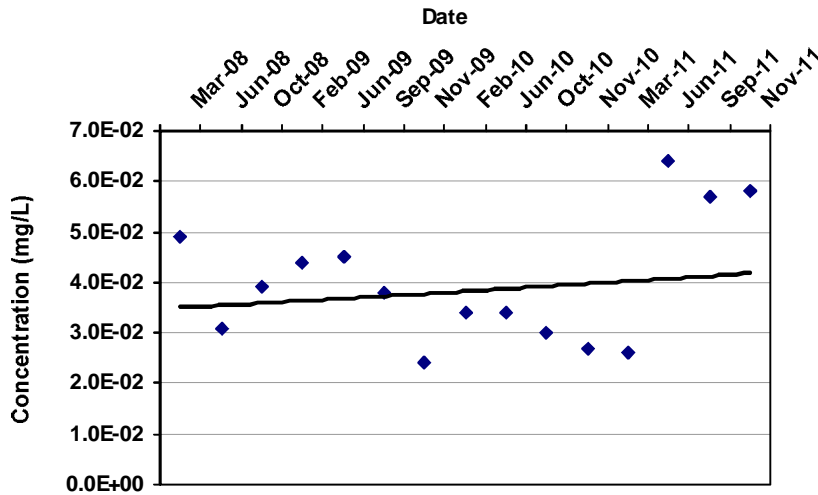
Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-30	T	11/1/2007	TETRACHLOROETHYLENE(PCE)	7.4E-03		1	1
MW-30	T	3/1/2008	TETRACHLOROETHYLENE(PCE)	8.6E-03		1	1
MW-30	T	6/1/2008	TETRACHLOROETHYLENE(PCE)	4.9E-03		1	1
MW-30	T	10/1/2008	TETRACHLOROETHYLENE(PCE)	1.0E-01		1	1
MW-30	T	2/1/2009	TETRACHLOROETHYLENE(PCE)	7.1E-02		1	1
MW-30	T	6/1/2009	TETRACHLOROETHYLENE(PCE)	1.1E-01		1	1
MW-30	T	9/1/2009	TETRACHLOROETHYLENE(PCE)	7.0E-02		1	1
MW-30	T	11/1/2009	TETRACHLOROETHYLENE(PCE)	8.5E-02		1	1
MW-30	T	2/1/2010	TETRACHLOROETHYLENE(PCE)	6.0E-02		1	1
MW-30	T	6/1/2010	TETRACHLOROETHYLENE(PCE)	4.1E-02		1	1
MW-30	T	10/1/2010	TETRACHLOROETHYLENE(PCE)	6.2E-02		1	1
MW-30	T	11/1/2010	TETRACHLOROETHYLENE(PCE)	5.4E-02		1	1
MW-30	T	3/1/2011	TETRACHLOROETHYLENE(PCE)	5.0E-02		1	1
MW-30	T	6/1/2011	TETRACHLOROETHYLENE(PCE)	5.5E-02		1	1
MW-30	T	9/1/2011	TETRACHLOROETHYLENE(PCE)	2.5E-02		1	1
MW-30	T	11/1/2011	TETRACHLOROETHYLENE(PCE)	3.8E-02		1	1

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = All Samples are Non-detect

MAROS Linear Regression Statistics

Well: MW-31
 Well Type: T
 COC: TETRACHLOROETHYLENE(PCE)

Time Period: 8/1/2000 to 11/1/2011
 Consolidation Period: No Time Consolidation
 Consolidation Type: Median
 Duplicate Consolidation: Average
 ND Values: 1/2 Detection Limit
 J Flag Values : Actual Value



COV:
 Confidence in Trend:
 Ln Slope:
 LR Concentration Trend:

Consolidation Data Table:

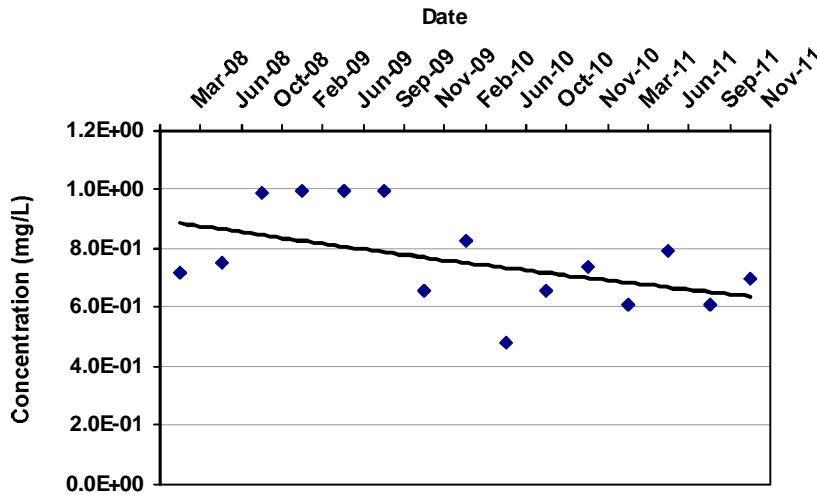
Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-31	T	3/1/2008	TETRACHLOROETHYLENE(PCE)	4.9E-02		1	1
MW-31	T	6/1/2008	TETRACHLOROETHYLENE(PCE)	3.1E-02		1	1
MW-31	T	10/1/2008	TETRACHLOROETHYLENE(PCE)	3.9E-02		1	1
MW-31	T	2/1/2009	TETRACHLOROETHYLENE(PCE)	4.4E-02		1	1
MW-31	T	6/1/2009	TETRACHLOROETHYLENE(PCE)	4.5E-02		1	1
MW-31	T	9/1/2009	TETRACHLOROETHYLENE(PCE)	3.8E-02		1	1
MW-31	T	11/1/2009	TETRACHLOROETHYLENE(PCE)	2.4E-02		1	1
MW-31	T	2/1/2010	TETRACHLOROETHYLENE(PCE)	3.4E-02		1	1
MW-31	T	6/1/2010	TETRACHLOROETHYLENE(PCE)	3.4E-02		1	1
MW-31	T	10/1/2010	TETRACHLOROETHYLENE(PCE)	3.0E-02		1	1
MW-31	T	11/1/2010	TETRACHLOROETHYLENE(PCE)	2.7E-02		1	1
MW-31	T	3/1/2011	TETRACHLOROETHYLENE(PCE)	2.6E-02		1	1
MW-31	T	6/1/2011	TETRACHLOROETHYLENE(PCE)	6.4E-02		1	1
MW-31	T	9/1/2011	TETRACHLOROETHYLENE(PCE)	5.7E-02		1	1
MW-31	T	11/1/2011	TETRACHLOROETHYLENE(PCE)	5.8E-02		1	1

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = All Samples are Non-detect

MAROS Linear Regression Statistics

Well: MW-32
 Well Type: T
 COC: TETRACHLOROETHYLENE(PCE)

Time Period: 8/1/2000 to 11/1/2011
 Consolidation Period: No Time Consolidation
 Consolidation Type: Median
 Duplicate Consolidation: Average
 ND Values: 1/2 Detection Limit
 J Flag Values : Actual Value



COV:
 Confidence in Trend:
 Ln Slope:
 LR Concentration Trend:

Consolidation Data Table:

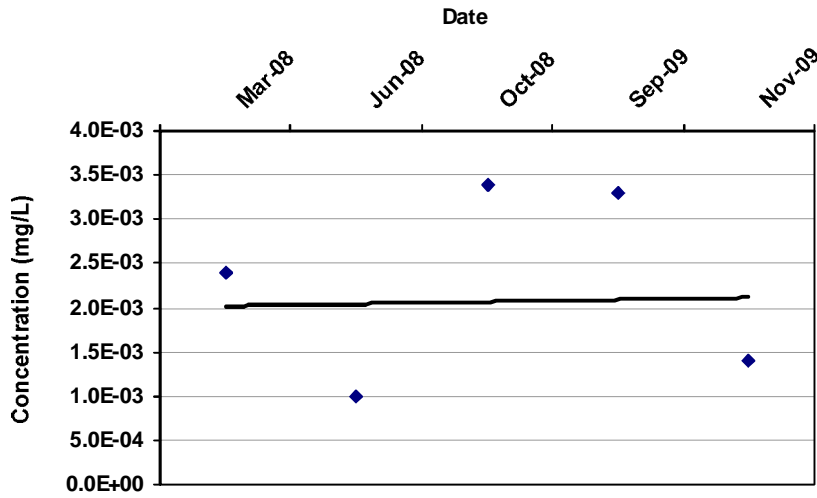
Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-32	T	3/1/2008	TETRACHLOROETHYLENE(PCE)	7.2E-01		1	1
MW-32	T	6/1/2008	TETRACHLOROETHYLENE(PCE)	7.5E-01		1	1
MW-32	T	10/1/2008	TETRACHLOROETHYLENE(PCE)	9.9E-01		1	1
MW-32	T	2/1/2009	TETRACHLOROETHYLENE(PCE)	1.0E+00		1	1
MW-32	T	6/1/2009	TETRACHLOROETHYLENE(PCE)	1.0E+00		1	1
MW-32	T	9/1/2009	TETRACHLOROETHYLENE(PCE)	1.0E+00		1	1
MW-32	T	11/1/2009	TETRACHLOROETHYLENE(PCE)	6.6E-01		1	1
MW-32	T	2/1/2010	TETRACHLOROETHYLENE(PCE)	8.3E-01		1	1
MW-32	T	6/1/2010	TETRACHLOROETHYLENE(PCE)	4.8E-01		1	1
MW-32	T	10/1/2010	TETRACHLOROETHYLENE(PCE)	6.6E-01		1	1
MW-32	T	11/1/2010	TETRACHLOROETHYLENE(PCE)	7.4E-01		1	1
MW-32	T	3/1/2011	TETRACHLOROETHYLENE(PCE)	6.1E-01		1	1
MW-32	T	6/1/2011	TETRACHLOROETHYLENE(PCE)	7.9E-01		1	1
MW-32	T	9/1/2011	TETRACHLOROETHYLENE(PCE)	6.1E-01		1	1
MW-32	T	11/1/2011	TETRACHLOROETHYLENE(PCE)	7.0E-01		1	1

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = All Samples are Non-detect

MAROS Linear Regression Statistics

Well: MW-33
 Well Type: T
 COC: TETRACHLOROETHYLENE(PCE)

Time Period: 8/1/2000 to 11/1/2011
 Consolidation Period: No Time Consolidation
 Consolidation Type: Median
 Duplicate Consolidation: Average
 ND Values: 1/2 Detection Limit
 J Flag Values : Actual Value



COV: 0.47
 Confidence in Trend: 56.4%
 Ln Slope: 2.0E-04
 LR Concentration Trend: NT

Consolidation Data Table:

Well	Well Type	Consolidation Date	Constituent	Result (mg/L)	Flag	Number of Samples	Number of Detects
MW-33	T	3/1/2008	TETRACHLOROETHYLENE(PCE)	2.4E-03		1	1
MW-33	T	6/1/2008	TETRACHLOROETHYLENE(PCE)	1.0E-03		1	1
MW-33	T	10/1/2008	TETRACHLOROETHYLENE(PCE)	3.4E-03		1	1
MW-33	T	9/1/2009	TETRACHLOROETHYLENE(PCE)	3.3E-03		1	1
MW-33	T	11/1/2009	TETRACHLOROETHYLENE(PCE)	1.4E-03		1	1

Note: Increasing (I); Probably Increasing (PI); Stable (S); Probably Decreasing (PD); Decreasing (D); No Trend (NT); Not Applicable (N/A) - Due to insufficient Data (< 4 sampling events); ND = All Samples are Non-detect