



**Third Quarter 2012
Groundwater Monitoring and Sampling Letter Report**

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

NDEP Facility ID No. H-000086

Cardno ATC Project No. 085.42620.0001

October 15, 2012

Prepared for:

Herman Kishner Trust
c/o Mr. Tom Vandenberg, Esq.
707 Wilshire Boulevard, 45th Floor
Los Angeles, California 90017

Prepared by:

Cardno ATC
2925 East Patrick Lane,
Suite M
Las Vegas, Nevada 89120
Phone: 702-798-5750
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October 15, 2012

Herman Kishner Trust
c/o Mr. Tom Vandenberg, Esq.
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Los Angeles, CA 90017

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Subject: Third Quarter 2012 Groundwater Monitoring and Sampling Letter
Maryland Square PCE Site
3661 South Maryland Parkway
Las Vegas, Nevada
NDEP Facility ID No. H-000086

www.cardnoatc.com

Dear Mr. Vandenberg:

Cardno ATC is submitting this letter 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 Third Quarter 2012

Cardno ATC is currently performing quarterly monitoring and sampling of 14 of the 39 site groundwater monitoring well network.

| | |
|----------------------------------------|-------------------------------------------------------------------|
| Current Phase of Project: | <u>Monitoring and Sampling</u> |
| Frequency of Sampling: | <u>Groundwater: Select Wells Quarterly (Semi-annual for 2012)</u> |
| Frequency of Monitoring: | <u>Groundwater: Select Wells Quarterly (Semi-annual for 2012)</u> |
| Purge Water Removed This Quarter: | <u>11.90 gallons</u> |
| Approximate Depth to Groundwater: | <u>19.36 ft btoc</u> |
| Groundwater Flow Direction: | <u>Site Monitoring Network: East</u> |
| Groundwater Analytical Methods: | <u>VOCs by EPA 8260B</u> |
| Average PCE Change Since Last Quarter: | <u>-3.08% (wells with second quarter data)</u> |

Current groundwater elevation data and analytical results are summarized in Table 1. Groundwater field sampling forms and laboratory analytical reports are included in Appendix A and B, respectively.

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 39 monitoring wells, of which one well (MW-4) was no longer fit for sampling because of an obstruction and has been properly abandoned.

Based on the NDEP approved annual sampling schedule for the third quarter 2012 sampling event, which proposes select sampling of the 14 of the 39 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 2012 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 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, MW-37, MW-38, MW-39, and MW19I (plus any newly installed wells)
- Fourth Quarter – MW-1 through MW-39, MW-14I, and MW-19I (plus any newly installed wells). Well MW-4 was abandoned.

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, Cardno 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.

Cardno 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. 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. Cardno ATC also collected a duplicate groundwater sample from monitoring well MW-6 and MW-27.

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. Therefore, the analytical data on water quality for the third 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 14.95 feet bgs (MW-38) to 26.60 feet bgs (MW-19I). The average groundwater elevation exhibited an average decrease of 0.69 feet across the site compared with the Second Quarter 2012 groundwater monitoring event.

DO readings for the select monitoring wells ranged from 1.23 to 5.29 milligrams per liter (mg/L). ORP readings for the select monitoring wells ranged from 72.1 to 151.9 millivolts (mV).

Groundwater Analytical Results

On September 6th, 2012 and September 7th, 2012, Cardno ATC mobilized to the site to obtain groundwater samples from the existing Maryland Square Shopping Center select groundwater monitoring wells in the immediate vicinity of the site.

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.

Copies of field sampling forms are compiled in Appendix A and copies of final laboratory analytical reports are included in Appendix B.

TABLE 1
GROUNDWATER ELEVATIONS AND PCE CHANGE, THIRD QUARTER 2012

| 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 | 19.97 | 1972.04 | 390 | ND | +0.44 | +5.41 | NA* |
| MW-5 | 18.25 | 1970.44 | 340 | 2.2 | +1.03 | -57.50 | NA* |
| MW-6 | 19.23 | 1968.89 | 3,000 | 17 | +0.70 | -14.29 | NA* |
| MW-9 | 19.07 | 1973.18 | 3.7 | ND | +1.43 | -28.85 | NA* |
| MW-14 | 18.28 | 1969.05 | 1,300 | 2.8 | +0.52 | -18.75 | NA* |
| MW-17 | 18.83 | 1972.21 | 250 | ND | +1.35 | -21.88 | NA* |
| MW-27 | 18.54 | 1925.61 | 430 | 1.2 | -2.40 | -8.51 | NA* |
| MW-34 | 18.07 | 1975.81 | 730 | 1.2 | -0.33 | -27.00 | NA* |
| MW-35 | 18.77 | 1972.6 | 520 | ND | +0.13 | -10.34 | NA* |
| MW-36 | 21.55 | 1933.75 | 130 | ND | -2.04 | -0.00 | NA* |
| MW-37 | 20.05 | 1909.93 | 32 | ND | -1.24 | -11.11 | NA* |
| MW-38 | 14.95 | 1893.43 | 5.7 | ND | +0.10 | -1.72 | NA* |
| MW-39 | 26.10 | 1941.45 | 240 | 0.80 | +0.05 | -4.00 | 31.75 |
| MW-19 ^ | 26.60 | -- | 690 | 4.0 | NA* | NA* | NA* |

Notes: *Unable to evaluate change due to lack of data from previous quarter + Increase in concentration or elevation
 ND: Not Detected-Laboratory PQL=<0.50 µg/L - Decrease in concentration or elevation
 Amsl: Above Mean Sea Level -- Awaiting elevation survey report
 ^MW-19I was identified on COC and laboratory report as MW-40

The groundwater monitoring well locations selected for the third quarter monitoring event represent wells that have exhibited a general or probably increasing trend. The range of groundwater elevations spanned from 1893.43 feet above mean sea level (amsl) (MW-38) to 1975.81 feet amsl (MW-34). Groundwater elevations are summarized in Tables 1.

PCE was detected in the groundwater samples collected from the select monitoring wells at concentrations ranging from 3.7 µg/L (MW-9) to 3,000 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-9.

A duplicate sample was collected from MW-6 and MW-27. In MW-6, concentrations of PCE were measured at 3,000 µg/L (original sample) and 3,000 µg/L (duplicate sample), a relative percent difference (RPD) of 0%. In MW-26, concentrations of PCE were measured at 430 µg/L (original sample) and 440 µg/L (duplicate sample), a relative percent difference (RPD) of 2.3%. The duplicate sample results do not show significant statistical variation based on the levels of the concentrations.

PCE concentrations decreased an average of 3.08% in the monitoring wells sampled compared with the previous sampling event in Second Quarter 2012.

Trichloroethene (TCE) was detected at concentrations ranging from 0.80 µg/L to 17 µg/L in the groundwater samples collected from wells, MW-5, MW-6, MW-14, MW-27, MW-34, MW-39, and MW-19I. The detected concentrations were below the MCL for TCE in groundwater of 5 µg/L, with the exception of MW-6 (17 µg/L).

Cis-1,2-dichloroethene (DCE) was detected in monitoring wells MW-5, MW-6, and MW-19I at concentrations of 1.0 µg/L, 8.1 µg/L, and 0.8 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.

Summary and Conclusions

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

- PCE was detected in the groundwater samples collected from the select monitoring wells at concentrations ranging from 3.7 µg/L (MW-9) to 3,000 µg/L (MW-6).

Recommendations

Cardno 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 Cardno 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

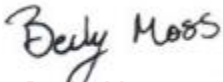
This Third Quarter 2012 Groundwater Monitoring Report for Maryland Square PCE Site located at 3661 South Maryland Parkway, Las Vegas, Nevada, has been prepared in accordance with Nevada Administrative Code (NAC), Chapter 459, Section 9717.

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,

Cardno ATC



Becky Moss
Cardno ATC, Field Geologist



Andrew D. Stuart
Cardno ATC, Operations Manager
Nevada Certified Environmental Manager
No. EM-1905 (Expires 01/26/13)

Att:

Appendix A Field Sheets
Appendix B Laboratory Analytical Reports

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

APPENDIX A
FIELD SHEETS



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: 085, 42620-0001
Sampler's Name: N. Bergano

Well ID: MW-1
Sample ID: MW-1
Sample Collection Date/Time: 9/6/12 1359

Purging Equipment:
Sampling Equipment: Low Flow

Casing Type: PVC
Casing Diameter: 2 inch
Depth to Well Bottom: 25.92 feet
Depth to Water: 18.97 feet
Length of Static Water:
Unit Casing Volume: x gallons/foot
Casing Water Volume: gallons
Purging Volumes: x each
Estimated Purge Volume: gallons
Approximate Pump Depth: 22.8 Feet btoc

Initial sample: Was free product observed?
Comments:

Table with 9 columns: Purged (gal.), Time, Conductance (mS/cm), Temp. (°C), pH (SU), ORP (mV), TDS (g/L), DO (mg/L), Water Description: Color, Turbidity, Sheen, Etc..

Total Water Volume Purged: .85 Gallons = Well Volumes
Purged Dry (Y/N): N

Well Security: Locking cap? [X] yes ___ no Replaced? ___ yes ___ no
Bolts secured? [X] yes ___ no Replaced? ___ yes ___ no

PID 2814
1359



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: 085, 42620-0001
Sampler's Name: N. ASCARDO

Well ID: MW-5
Sample ID: MW-5
Sample Collection Date/Time: 7/6/12 710

Purging Equipment:
Sampling Equipment: Low Flow

Casing Type: PVC
Casing Diameter: 2 inch
Depth to Well Bottom: 29.14 feet
Depth to Water: 18.25 feet
Length of Static Water:
Unit Casing Volume: x gallons/foot
Casing Water Volume: gallons
Purging Volumes: x each
Estimated Purge Volume: gallons
Approximate Pump Depth: 24 Feet bgs 24 Feet btoc

Initial sample: Was free product observed?

Comments:

Table with 9 columns: Purged (gal.), Time, Conductance (mS/cm), Temp. (°C), pH (SU), ORP (mV), TDS (g/L), DO (mg/L), Water Description: Color, Turbidity, Sheen, Etc..

Total Water Volume Purged: 85 Gallons = Well Volumes
Purged Dry (Y/N): Y

Comments:

Well Security: Locking cap? yes no Replaced? yes no
Bolts secured? yes no Replaced? yes no

PID 21.8

710



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: 085.42620.0001
Sampler's Name: N. Ascano

Well ID: MW-6
Sample ID: MW-6
Sample Collection Date/Time: 9/6/12 749

Purging Equipment: _____
Sampling Equipment: Low Flow

Casing Type: PVC
Casing Diameter: 2 inch 2" = 0.16 gal/in ft.
Depth to Well Bottom: 28.94 feet 3" = 0.37 gal/in ft.
Depth to Water: 19.23 feet 4" = 0.67 gal/in ft.
Length of Static Water: _____ feet 6" = 1.47 gal/in ft.
Unit Casing Volume: x _____ gallons/foot 8" = 2.60 gal/in ft.
Casing Water Volume: _____ gallons 10" = 4.10 gal/in ft.
Purging Volumes: x _____ each
Estimated Purge Volume: _____ gallons
Approximate Pump Depth: _____ Feet bgs 24 Feet btoc

Initial sample: _____ Was free product observed? _____

Comments: _____

| Purged (gal.) | Time | Conductance (mS/cm) | Temp. (°C) | pH (SU) | ORP (mV) | TDS (g/L) | DO (mg/L) | Water Description: Color, Turbidity, Sheen, Etc.. |
|---------------|------|---------------------|------------|---------|----------|-----------|-----------|---------------------------------------------------|
| .25 | 735 | 3.068 | 26.73 | 7.29 | 123.0 | 1.995 | 3.61 | sl. cloudy No odor |
| .5 | 740 | 3.086 | 26.27 | 7.27 | 121.9 | 2.008 | 3.64 | " " |
| .75 | 742 | 3.114 | 26.27 | 7.27 | 121.7 | 2.026 | 3.66 | " " |
| .85 | 744 | 3.119 | 26.27 | 7.27 | 121.6 | 2.029 | 3.65 | " " |
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Total Water Volume Purged: .85 Gallons = _____ Well Volumes
Purged Dry (Y/N): N

Comments: _____

Well Security: Locking cap? X yes ___ no Replaced? ___ yes ___ no
Bolts secured? X yes ___ no Replaced? ___ yes ___ no

KID 14.4
749



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: 085, 42620-0001
Sampler's Name: N. Ascano

Well ID: MW-9
Sample ID: MW-9
Sample Collection Date/Time: 9/6/12 843

Purging Equipment:
Sampling Equipment: Low Flow

Casing Type: PVC
Casing Diameter: 2 inch
Depth to Well Bottom: 49.99 feet
Depth to Water: 19.07 feet
Length of Static Water:
Unit Casing Volume: x gallons/foot
Casing Water Volume: gallons
Purging Volumes: x each
Estimated Purge Volume: gallons
Approximate Pump Depth: 34.5 Feet btoC

Initial sample: Was free product observed?

Comments:

Table with 9 columns: Purged (gal.), Time, Conductance (mS/cm), Temp. (°C), pH (SU), ORP (mV), TDS (g/L), DO (mg/L), Water Description: Color, Turbidity, Sheen, Etc..

Total Water Volume Purged: 0.85 Gallons = Well Volumes

Purged Dry (Y/N): N

Comments:

Well Security: Locking cap? [X] yes ___ no Replaced? ___ yes ___ no
Bolts secured? [X] yes ___ no Replaced? ___ yes ___ no

PID 1.0

843



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: 085-42620-0001
Sampler's Name: N. Accanto

Well ID: MW-14
Sample ID: MW-14
Sample Collection Date/Time: 9/7/12 8:20

Purging Equipment:
Sampling Equipment: LowFlow

Casing Type: PVC
Casing Diameter: 2 inch
Depth to Well Bottom: 30.18 feet
Depth to Water: 18.28 feet
Length of Static Water:
Unit Casing Volume: x gallons/foot
Casing Water Volume: gallons
Purging Volumes: x each
Estimated Purge Volume: gallons
Approximate Pump Depth: 24 Feet bgs 24 Feet btoc

Initial sample: Was free product observed?
Comments:

Table with 9 columns: Purged (gal.), Time, Conductance (mS/cm), Temp. (°C), pH (SU), ORP (mV), TDS (g/L), DO (mg/L), Water Description: Color, Turbidity, Sheen, Etc..

Total Water Volume Purged: 85 Gallons = Well Volumes
Purged Dry (Y/N): N
Comments:

Well Security: Locking cap? [X] yes ___ no Replaced? ___ yes ___ no
Bolts secured? [X] yes ___ no Replaced? ___ yes ___ no

RID 88.2
820



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: 085, 42620-0001
 Sampler's Name: N. Ascand

Well ID: mw-17
 Sample ID: MW-17
 Sample Collection Date/Time: 9/6/12 1321

Purging Equipment: _____
 Sampling Equipment: Low Flow

Casing Type: PVC
 Casing Diameter: 4 inch
 Depth to Well Bottom: 30.20 feet
 Depth to Water: 16.83 feet
 Length of Static Water: _____ feet
 Unit Casing Volume: x _____ gallons/foot
 Casing Water Volume: _____ gallons
 Purging Volumes: x _____ each
 Estimated Purge Volume: _____ gallons
 Approximate Pump Depth: _____ Feet bgs 24.5 Feet btoc

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 (SU) | ORP (mV) | TDS (g/L) | DO (mg/L) | Water Description: Color, Turbidity, Sheen, Etc.. |
|---------------|------|---------------------|------------|---------|----------|-----------|-----------|---------------------------------------------------|
| .25 | 1308 | 3.505 | 25.77 | 7.69 | 109.0 | 2.285 | 2.09 | Clear No Odor |
| .5 | 1313 | 3.496 | 25.58 | 7.55 | 84.3 | 2.271 | 1.97 | clear No Odor |
| .75 | 1315 | 3.494 | 25.53 | 7.51 | 79.2 | 2.283 | 2.04 | Clear No odor |
| .85 | 1317 | 3.491 | 25.50 | 7.47 | 72.1 | 2.279 | 2.02 | clear No odor |
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Total Water Volume Purged: .85 Gallons = _____ Well Volumes
 Purged Dry (Y/N): N

Comments: _____

Well Security: Locking cap? yes no Replaced? yes no
 Bolts secured? yes no Replaced? yes no

FXD 19.2
 1321



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: 085, 42620-0001
Sampler's Name: A. Abcaño

Well ID: MW-27
Sample ID: MW-27
Sample Collection Date/Time: 9/7/12 624

Purging Equipment: _____
Sampling Equipment: Low Flow

Casing Type: PVC
Casing Diameter: 4 inch 2" = 0.16 gal/lin ft.
Depth to Well Bottom: 35.30 feet 3" = 0.37 gal/lin ft.
Depth to Water: 18.54 feet 4" = 0.67 gal/lin ft.
Length of Static Water: _____ 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
Approximate Pump Depth: _____ Feet bgs 27 Feet btoc

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

| Purged (gal.) | Time | Conductance (mS/cm) | Temp. (°C) | pH (SU) | ORP (mV) | TDS (g/L) | DO (mg/L) | Water Description: Color, Turbidity, Sheen, Etc.. |
|---------------|------------|---------------------|--------------|-------------|--------------|--------------|-------------|---------------------------------------------------|
| <u>.75</u> | <u>610</u> | <u>3.587</u> | <u>23.43</u> | <u>7.58</u> | <u>157.0</u> | <u>2.333</u> | <u>2.37</u> | <u>Clear No odor</u> |
| <u>.15</u> | <u>615</u> | <u>3.584</u> | <u>23.12</u> | <u>7.38</u> | <u>153.0</u> | <u>2.330</u> | <u>2.07</u> | <u>" "</u> |
| <u>.75</u> | <u>617</u> | <u>3.586</u> | <u>23.03</u> | <u>7.34</u> | <u>152.1</u> | <u>2.330</u> | <u>2.15</u> | <u>" "</u> |
| <u>.85</u> | <u>619</u> | <u>3.585</u> | <u>23.06</u> | <u>7.32</u> | <u>151.9</u> | <u>2.329</u> | <u>2.12</u> | <u>" "</u> |
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Total Water Volume Purged: .85 Gallons = _____ Well Volumes
Purged Dry (Y/N): Y
Comments: _____

Well Security: Locking cap? yes no Replaced? yes no
Bolts secured? yes no Replaced? yes no

PID 20.2
624



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: 085, 42620-0001
Sampler's Name: Ni, Becano

Well ID: MW-34
Sample ID: MW-34
Sample Collection Date/Time: 9/18/12 736

Purging Equipment:
Sampling Equipment: Low Flow

Casing Type: PVC
Casing Diameter: 2 inch
Depth to Well Bottom: 29.09 feet
Depth to Water: 18.07 feet
Length of Static Water:
Unit Casing Volume: x gallons/foot
Casing Water Volume: gallons
Purging Volumes: x each
Estimated Purge Volume: gallons
Approximate Pump Depth: 23.5 Feet bgs Feet btoc

Initial sample: Was free product observed?
Comments:

Table with 9 columns: Purged (gal.), Time, Conductance (mS/cm), Temp. (°C), pH (SU), ORP (mV), TDS (g/L), DO (mg/L), Water Description: Color, Turbidity, Sheen, Etc..

Total Water Volume Purged: 0.85 Gallons = Well Volumes
Purged Dry (Y/N): N
Comments:

Well Security: Locking cap? [checked] yes [] no Replaced? [] yes [] no
Bolts secured? [checked] yes [] no Replaced? [] yes [] no

PI D 1.9
736



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: 085-42620-0001
Sampler's Name: N. Ascario

Well ID: MW-35
Sample ID: MW-35
Sample Collection Date/Time: 9/1/12 702

Purging Equipment: _____
Sampling Equipment: Low Flow

Casing Type: PVC
Casing Diameter: 2 inch 2" = 0.16 gal/lin ft.
Depth to Well Bottom: 27.89 feet 3" = 0.37 gal/lin ft.
Depth to Water: 18.77 feet 4" = 0.67 gal/lin ft.
Length of Static Water: _____ 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
Approximate Pump Depth: _____ Feet bgs 23' Feet btoc

Initial sample: _____ Was free product observed? _____

Comments: _____

| Purged (gal.) | Time | Conductance (mS/cm) | Temp. (°C) | pH (SU) | ORP (mV) | TDS (g/L) | DO (mg/L) | Water Description: Color, Turbidity, Sheen, Etc.. |
|---------------|------------|---------------------|--------------|-------------|--------------|--------------|-------------|---------------------------------------------------|
| <u>.25</u> | <u>648</u> | <u>3.447</u> | <u>23.95</u> | <u>7.27</u> | <u>153.7</u> | <u>2.243</u> | <u>3.27</u> | <u>gt. cloudy No odor</u> |
| <u>.5</u> | <u>653</u> | <u>3.441</u> | <u>23.84</u> | <u>7.23</u> | <u>150.9</u> | <u>2.237</u> | <u>3.56</u> | <u>" "</u> |
| <u>.75</u> | <u>655</u> | <u>3.434</u> | <u>23.80</u> | <u>7.22</u> | <u>150.0</u> | <u>2.232</u> | <u>3.45</u> | <u>" "</u> |
| <u>.85</u> | <u>657</u> | <u>3.432</u> | <u>23.79</u> | <u>7.22</u> | <u>149.8</u> | <u>2.227</u> | <u>3.47</u> | <u>" "</u> |
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Total Water Volume Purged: .85 Gallons = _____ Well Volumes
Purged Dry (Y/N): N

Comments: _____

Well Security: Locking cap? x yes ___no Replaced? ___yes ___no
Bolts secured? y yes ___no Replaced? ___yes ___no

PIP68.3
702



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: 085.42620.0001
 Sampler's Name: N. Asciano

Well ID: MW-36
 Sample ID: MW-36
 Sample Collection Date/Time: 7/6/12 1130

Purging Equipment: _____
 Sampling Equipment: Low Flow

Casing Type: PVC
 Casing Diameter: 4 inch 2" = 0.16 gal/in ft.
 Depth to Well Bottom: 37.97 feet 3" = 0.37 gal/in ft.
 Depth to Water: 21.55 feet 4" = 0.67 gal/in ft.
 Length of Static Water: _____ feet 6" = 1.47 gal/in ft.
 Unit Casing Volume: x _____ gallons/foot 8" = 2.60 gal/in ft.
 Casing Water Volume: _____ gallons 10" = 4.10 gal/in ft.
 Purging Volumes: x _____ each
 Estimated Purge Volume: _____ gallons
 Approximate Pump Depth: _____ Feet bgs 30 Feet btoc

Initial sample: _____ Was free product observed? _____

Comments: _____

| Purged (gal.) | Time | Conductance (mS/cm) | Temp. (°C) | pH (SU) | ORP (mV) | TDS (g/L) | DO (mg/L) | Water Description: Color, Turbidity, Sheen, Etc.. |
|---------------|------|---------------------|------------|---------|----------|-----------|-----------|---------------------------------------------------|
| .25 | 1116 | 3.487 | 25.96 | 7.71 | 128.7 | 2.271 | 2.00 | sl. cloudy No odor |
| .5 | 1121 | 3.421 | 25.51 | 7.57 | 126.8 | 2.268 | 1.93 | sl. cloudy No odor |
| .75 | 1123 | 3.418 | 25.50 | 7.55 | 127.3 | 2.252 | 1.89 | sl. cloudy No odor |
| .85 | 1125 | 3.424 | 25.53 | 7.50 | 127.8 | 2.298 | 1.91 | sl. cloudy No odor |
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Total Water Volume Purged: .85 Gallons = _____ Well Volumes
 Purged Dry (Y/N): N

Comments: _____

Well Security: Locking cap? yes no Replaced? yes no
 Bolts secured? yes no Replaced? yes no

7130
 PDD 4.0



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: 085, 42620-0001
 Sampler's Name: N. Ascaro

Well ID: MW-37
 Sample ID: MW-37
 Sample Collection Date/Time: 9/6/12 1018

Purging Equipment: _____
 Sampling Equipment: Low Flow

Casing Type: PVC
 Casing Diameter: 4" inch
 Depth to Well Bottom: 39.08 feet
 Depth to Water: 20.05 feet
 Length of Static Water: _____ feet
 Unit Casing Volume: x _____ gallons/foot
 Casing Water Volume: _____ gallons
 Purging Volumes: x _____ each
 Estimated Purge Volume: _____ gallons
 Approximate Pump Depth: _____ Feet bgs 29.5 Feet btoc

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 (SU) | ORP (mV) | TDS (g/L) | DO (mg/L) | Water Description: Color, Turbidity, Sheen, Etc.. |
|---------------|------|---------------------|------------|---------|----------|-----------|-----------|---------------------------------------------------|
| .25 | 1004 | 3.715 | 21.89 | 7.61 | 142.1 | 2.411 | 5.58 | Clear No odor |
| .5 | 1009 | 3.706 | 21.96 | 7.53 | 142.6 | 2.413 | 5.60 | clear No odor |
| .75 | 1011 | 3.708 | 21.72 | 7.45 | 144.0 | 2.411 | 5.61 | clear No odor |
| .85 | 1013 | 3.706 | 21.79 | 7.43 | 144.3 | 2.416 | 5.53 | clear No odor |
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Total Water Volume Purged: .85 Gallons = _____ Well Volumes
 Purged Dry (Y/N): N

Well Security: Locking cap? yes no Replaced? yes no
 Bolts secured? yes no Replaced? yes no

PE D 1.3
 1018



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: 085.42620.0001
Sampler's Name: N. Asciano

Well ID: MW-38
Sample ID: MW-38
Sample Collection Date/Time: 9/6/12 9:34

Purging Equipment: _____
Sampling Equipment: Low Flow

Casing Type: PVC
Casing Diameter: 2 inch 2" = 0.16 gal/in ft.
Depth to Well Bottom: 35.16 feet 3" = 0.37 gal/in ft.
Depth to Water: 14.95 feet 4" = 0.67 gal/in ft.
Length of Static Water: _____ feet 6" = 1.47 gal/in ft.
Unit Casing Volume: x _____ gallons/foot 8" = 2.60 gal/in ft.
Casing Water Volume: _____ gallons 10" = 4.10 gal/in ft.
Purging Volumes: x _____ each
Estimated Purge Volume: _____ gallons
Approximate Pump Depth: _____ Feet bgs 25 Feet btoc

Initial sample: _____ Was free product observed? _____

Comments: _____

| Purged (gal.) | Time | Conductance (mS/cm) | Temp. (°C) | pH (SU) | ORP (mV) | TDS (g/L) | DO (mg/L) | Water Description: Color, Turbidity, Sheen, Etc.. |
|---------------|------|---------------------|------------|---------|----------|-----------|-----------|---------------------------------------------------|
| .25 | 9:20 | 3.784 | 25.05 | 7.65 | 142.1 | 2.464 | 4.21 | clear No odor |
| .5 | 9:25 | 3.780 | 24.66 | 7.62 | 140.8 | 2.460 | 4.26 | Clear No odor |
| .75 | 9:27 | 3.777 | 24.27 | 7.59 | 140.1 | 2.460 | 4.21 | clear No odor |
| .85 | 9:29 | 3.779 | 24.26 | 7.57 | 139.9 | 2.456 | 4.17 | clear No odor |
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Total Water Volume Purged: 85 Gallons = _____ Well Volumes

Purged Dry (Y/N): N

Comments: _____

Well Security: Locking cap? yes no Replaced? yes no
Bolts secured? yes no Replaced? yes no

PFD 0.4
934



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: 085, 42620-0001
Sampler's Name: N. Asciano

Well ID: MW-39
Sample ID: MW-39
Sample Collection Date/Time: 9/6/12 6:24

Purging Equipment: _____
Sampling Equipment: LOW-FLOW

Casing Type: PVC
Casing Diameter: 2 inch 2" = 0.16 gal/lin ft.
Depth to Well Bottom: 38.07 feet 3" = 0.37 gal/lin ft.
Depth to Water: 26.10 feet 4" = 0.67 gal/lin ft.
Length of Static Water: _____ 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
Approximate Pump Depth: _____ Feet bgs 22 Feet btoc

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

| Purged (gal.) | Time | Conductance (mS/cm) | Temp. (°C) | pH (SU) | ORP (mV) | TDS (g/L) | DO (mg/L) | Water Description: Color, Turbidity, Sheen, Etc.. |
|---------------|------|---------------------|------------|---------|----------|-----------|-----------|---------------------------------------------------|
| 1.25 | 613 | 3.453 | 25.98 | 7.47 | 137.4 | 2.245 | 2.23 | Clear No Odor |
| .55 | 618 | 3.454 | 25.79 | 7.40 | 133.3 | 2.244 | 1.81 | " " |
| .75 | 620 | 3.453 | 25.77 | 7.38 | 132.5 | 2.243 | 1.69 | " " |
| .85 | 622 | 3.451 | 25.75 | 7.37 | 132.0 | 2.244 | 1.59 | " " |
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Total Water Volume Purged: .85 Gallons = _____ Well Volumes
Purged Dry (Y/N): N
Comments: _____

Well Security: Locking cap? X yes ___ no Replaced? ___ yes ___ no
Bolts secured? X yes ___ no Replaced? ___ yes ___ no

RED 7.7
6:24



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: 085, 42620-0001
 Sampler's Name: N. Asc. and

Well ID: mw-40
 Sample ID: mw-40
 Sample Collection Date/Time: 9/6/12 1220

Purging Equipment: _____
 Sampling Equipment: Low Flow

Casing Type: PVC
 Casing Diameter: 4 inch 2" = 0.16 gal/lin ft.
 Depth to Well Bottom: 54.25 feet 3" = 0.37 gal/lin ft.
 Depth to Water: 26.60 feet 4" = 0.67 gal/lin ft.
 Length of Static Water: _____ 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
 Approximate Pump Depth _____ Feet bgs 40 Feet btoc

Initial sample: _____ Was free product observed? _____

Comments: _____

| Purged (gal.) | Time | Conductance (mS/cm) | Temp. (°C) | pH (SU) | ORP (mV) | TDS (g/L) | DO (mg/L) | Water Description: Color, Turbidity, Sheen, Etc.. |
|---------------|------|---------------------|------------|---------|----------|-----------|-----------|---------------------------------------------------|
| .25 | 1207 | 3.050 | 27.38 | 7.90 | 130.0 | 1.976 | 4.26 | Clear No Odor |
| .5 | 1212 | 3.031 | 27.08 | 7.78 | 130.7 | 1.969 | 4.02 | clear No odor |
| .75 | 1214 | 3.027 | 26.23 | 7.73 | 130.4 | 1.971 | 3.89 | clear No odor |
| .85 | 1216 | 3.029 | 26.53 | 7.70 | 131.2 | 1.968 | 3.94 | Clear No odor |
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Total Water Volume Purged: .85 Gallons = _____ Well Volumes
 Purged Dry (Y/N): N

Comments: _____

Well Security: Locking cap? yes no Replaced? yes no
 Bolts secured? yes no Replaced? yes no

PID 10.3

1220

APPENDIX B
LABORATORY ANALYTICAL REPORTS

September 14, 2012

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.: N008460

RE: Maryland Square Shopping Center, 085.42620.0

Attention: Andrew Stuart

Enclosed are the results for sample(s) received on September 07, 2012 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, 085.42620.0
Lab Order: N008460

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:

Matrix Spike (MS) is outside recovery criteria for 1,1 - Dichloroethane, 1,1 - Dichloroethene, 1,1 - Dichloropropene, 1,2 - Dichloropropane, Bromomethane, Chloroform, Chloromethane, cis - 1,2 - Dichloroethene, Dichlorodifluoromethane, Hexachlorobutadiene, n - Butylbenzene, trans - 1,2 - Dichloroethene, Trichlorofluoromethane, and Vinyl chloride possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.

Matrix Spike Duplicate (MSD) is outside recovery criteria for 1,1 - Dichloroethene, 1,1 - Dichloropropene, Bromomethane, Chloromethane, Dichlorodifluoromethane, n - Butylbenzene, and Vinyl chloride possibly due to matrix interference. The associated Laboratory Control Sample (LCS) recovery was acceptable.



Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-001

Client Sample ID: MW-1
Collection Date: 9/6/2012 1:59:00 PM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: MS5_120913A | QC Batch: P12VW097 | PrepDate: | Analyst: QBM |
|-----------------------------|--------------------|-----------|---------------------------|
| 1,1,1,2-Tetrachloroethane | ND 0.12 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| 1,1,1-Trichloroethane | ND 0.14 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| 1,1,2,2-Tetrachloroethane | ND 0.20 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| 1,1,2-Trichloroethane | ND 0.18 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| 1,1-Dichloroethane | ND 0.13 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| 1,1-Dichloroethene | ND 0.18 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| 1,1-Dichloropropene | ND 0.085 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| 1,2,3-Trichlorobenzene | ND 0.098 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| 1,2,3-Trichloropropane | ND 0.11 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| 1,2,4-Trichlorobenzene | ND 0.082 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| 1,2,4-Trimethylbenzene | ND 0.076 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| 1,2-Dibromo-3-chloropropane | ND 0.34 | 1.0 | µg/L 1 9/13/2012 05:00 PM |
| 1,2-Dibromoethane | ND 0.10 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| 1,2-Dichlorobenzene | ND 0.095 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| 1,2-Dichloroethane | ND 0.10 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| 1,2-Dichloropropane | ND 0.17 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| 1,3,5-Trimethylbenzene | ND 0.13 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| 1,3-Dichlorobenzene | ND 0.094 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| 1,3-Dichloropropane | ND 0.13 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| 1,4-Dichlorobenzene | ND 0.069 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| 2,2-Dichloropropane | ND 0.10 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| 2-Chlorotoluene | ND 0.10 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| 4-Chlorotoluene | ND 0.083 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| 4-Isopropyltoluene | ND 0.054 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| Benzene | ND 0.11 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| Bromobenzene | ND 0.083 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| Bromodichloromethane | ND 0.11 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| Bromoform | ND 0.18 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| Bromomethane | ND 0.14 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| Carbon tetrachloride | ND 0.12 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| Chlorobenzene | ND 0.11 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| Chloroethane | ND 0.17 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| Chloroform | 2.5 0.079 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| Chloromethane | ND 0.19 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| cis-1,2-Dichloroethene | ND 0.18 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| Dibromochloromethane | ND 0.16 | 0.50 | µg/L 1 9/13/2012 05:00 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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-001

Client Sample ID: MW-1
Collection Date: 9/6/2012 1:59:00 PM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: MS5_120913A | QC Batch: P12VW097 | PrepDate: | Analyst: QBM |
|-----------------------------|--------------------|-----------|----------------------------|
| Dibromomethane | ND 0.11 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| Dichlorodifluoromethane | ND 0.057 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| Ethylbenzene | ND 0.13 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| Hexachlorobutadiene | ND 0.20 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| Isopropylbenzene | ND 0.11 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| m,p-Xylene | ND 0.16 | 1.0 | µg/L 1 9/13/2012 05:00 PM |
| Methylene chloride | ND 0.14 | 2.0 | µg/L 1 9/13/2012 05:00 PM |
| MTBE | ND 0.089 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| n-Butylbenzene | ND 0.070 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| n-Propylbenzene | ND 0.076 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| Naphthalene | ND 0.10 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| o-Xylene | ND 0.10 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| sec-Butylbenzene | ND 0.096 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| Styrene | ND 0.10 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| tert-Butylbenzene | ND 0.11 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| Tetrachloroethene | 390 1.9 | 5.0 | µg/L 10 9/11/2012 10:13 AM |
| Toluene | ND 0.082 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| trans-1,2-Dichloroethene | ND 0.13 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| Trichloroethene | ND 0.18 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| Trichlorofluoromethane | ND 0.19 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| Vinyl chloride | ND 0.23 | 0.50 | µg/L 1 9/13/2012 05:00 PM |
| Surr: 1,2-Dichloroethane-d4 | 88.8 0 | 56-120 | %REC 10 9/11/2012 10:13 AM |
| Surr: 1,2-Dichloroethane-d4 | 85.6 0 | 56-120 | %REC 1 9/13/2012 05:00 PM |
| Surr: 4-Bromofluorobenzene | 95.6 0 | 80-120 | %REC 1 9/13/2012 05:00 PM |
| Surr: 4-Bromofluorobenzene | 95.6 0 | 80-120 | %REC 10 9/11/2012 10:13 AM |
| Surr: Dibromofluoromethane | 87.6 0 | 72-120 | %REC 1 9/13/2012 05:00 PM |
| Surr: Dibromofluoromethane | 93.0 0 | 72-120 | %REC 10 9/11/2012 10:13 AM |
| Surr: Toluene-d8 | 97.2 0 | 80-123 | %REC 1 9/13/2012 05:00 PM |
| Surr: Toluene-d8 | 100 0 | 80-123 | %REC 10 9/11/2012 10:13 AM |

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



**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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-002

Client Sample ID: MW-5
Collection Date: 9/6/2010 7:10:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: MS5_120912A | QC Batch: P12VW096 | PrepDate: | Analyst: QBM |
|-----------------------------|--------------------|-----------|---------------------------|
| 1,1,1,2-Tetrachloroethane | ND 0.12 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| 1,1,1-Trichloroethane | ND 0.14 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| 1,1,2,2-Tetrachloroethane | ND 0.20 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| 1,1,2-Trichloroethane | ND 0.18 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| 1,1-Dichloroethane | ND 0.13 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| 1,1-Dichloroethene | ND 0.18 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| 1,1-Dichloropropene | ND 0.085 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| 1,2,3-Trichlorobenzene | ND 0.098 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| 1,2,3-Trichloropropane | ND 0.11 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| 1,2,4-Trichlorobenzene | ND 0.082 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| 1,2,4-Trimethylbenzene | ND 0.076 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| 1,2-Dibromo-3-chloropropane | ND 0.34 | 1.0 | µg/L 1 9/12/2012 10:23 PM |
| 1,2-Dibromoethane | ND 0.10 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| 1,2-Dichlorobenzene | ND 0.095 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| 1,2-Dichloroethane | ND 0.10 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| 1,2-Dichloropropane | ND 0.17 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| 1,3,5-Trimethylbenzene | ND 0.13 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| 1,3-Dichlorobenzene | ND 0.094 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| 1,3-Dichloropropane | ND 0.13 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| 1,4-Dichlorobenzene | ND 0.069 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| 2,2-Dichloropropane | ND 0.10 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| 2-Chlorotoluene | ND 0.10 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| 4-Chlorotoluene | ND 0.083 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| 4-Isopropyltoluene | ND 0.054 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| Benzene | ND 0.11 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| Bromobenzene | ND 0.083 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| Bromodichloromethane | ND 0.11 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| Bromoform | ND 0.18 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| Bromomethane | ND 0.14 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| Carbon tetrachloride | ND 0.12 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| Chlorobenzene | ND 0.11 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| Chloroethane | ND 0.17 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| Chloroform | 5.0 0.079 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| Chloromethane | ND 0.19 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| cis-1,2-Dichloroethene | 0.95 0.18 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| Dibromochloromethane | ND 0.16 | 0.50 | µg/L 1 9/12/2012 10:23 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



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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-002

Client Sample ID: MW-5
Collection Date: 9/6/2010 7:10:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: MS5_120912A | QC Batch: P12VW096 | PrepDate: | Analyst: QBM |
|-----------------------------|--------------------|-----------|----------------------------|
| Dibromomethane | ND 0.11 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| Dichlorodifluoromethane | ND 0.057 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| Ethylbenzene | ND 0.13 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| Hexachlorobutadiene | ND 0.20 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| Isopropylbenzene | ND 0.11 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| m,p-Xylene | ND 0.16 | 1.0 | µg/L 1 9/12/2012 10:23 PM |
| Methylene chloride | ND 0.14 | 2.0 | µg/L 1 9/12/2012 10:23 PM |
| MTBE | ND 0.089 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| n-Butylbenzene | ND 0.070 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| n-Propylbenzene | ND 0.076 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| Naphthalene | ND 0.10 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| o-Xylene | ND 0.10 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| sec-Butylbenzene | ND 0.096 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| Styrene | ND 0.10 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| tert-Butylbenzene | ND 0.11 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| Tetrachloroethene | 340 1.9 | 5.0 | µg/L 10 9/11/2012 10:41 AM |
| Toluene | ND 0.082 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| trans-1,2-Dichloroethene | ND 0.13 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| Trichloroethene | 2.2 0.18 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| Trichlorofluoromethane | ND 0.19 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| Vinyl chloride | ND 0.23 | 0.50 | µg/L 1 9/12/2012 10:23 PM |
| Surr: 1,2-Dichloroethane-d4 | 89.5 0 | 56-120 | %REC 10 9/11/2012 10:41 AM |
| Surr: 1,2-Dichloroethane-d4 | 87.8 0 | 56-120 | %REC 1 9/12/2012 10:23 PM |
| Surr: 4-Bromofluorobenzene | 94.4 0 | 80-120 | %REC 1 9/12/2012 10:23 PM |
| Surr: 4-Bromofluorobenzene | 97.6 0 | 80-120 | %REC 10 9/11/2012 10:41 AM |
| Surr: Dibromofluoromethane | 89.6 0 | 72-120 | %REC 1 9/12/2012 10:23 PM |
| Surr: Dibromofluoromethane | 94.8 0 | 72-120 | %REC 10 9/11/2012 10:41 AM |
| Surr: Toluene-d8 | 102 0 | 80-123 | %REC 1 9/12/2012 10:23 PM |
| Surr: Toluene-d8 | 99.2 0 | 80-123 | %REC 10 9/11/2012 10:41 AM |

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



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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-003

Client Sample ID: MW-6
Collection Date: 9/6/2012 7:49:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: MS5_120913A | QC Batch: P12VW097 | PrepDate: | Analyst: QBM |
|-----------------------------|--------------------|-----------|---------------------------|
| 1,1,1,2-Tetrachloroethane | ND 0.12 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| 1,1,1-Trichloroethane | ND 0.14 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| 1,1,2,2-Tetrachloroethane | ND 0.20 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| 1,1,2-Trichloroethane | ND 0.18 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| 1,1-Dichloroethane | ND 0.13 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| 1,1-Dichloroethene | ND 0.18 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| 1,1-Dichloropropene | ND 0.085 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| 1,2,3-Trichlorobenzene | ND 0.098 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| 1,2,3-Trichloropropane | ND 0.11 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| 1,2,4-Trichlorobenzene | ND 0.082 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| 1,2,4-Trimethylbenzene | ND 0.076 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| 1,2-Dibromo-3-chloropropane | ND 0.34 | 1.0 | µg/L 1 9/13/2012 08:12 PM |
| 1,2-Dibromoethane | ND 0.10 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| 1,2-Dichlorobenzene | ND 0.095 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| 1,2-Dichloroethane | ND 0.10 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| 1,2-Dichloropropane | ND 0.17 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| 1,3,5-Trimethylbenzene | ND 0.13 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| 1,3-Dichlorobenzene | ND 0.094 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| 1,3-Dichloropropane | ND 0.13 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| 1,4-Dichlorobenzene | ND 0.069 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| 2,2-Dichloropropane | ND 0.10 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| 2-Chlorotoluene | ND 0.10 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| 4-Chlorotoluene | ND 0.083 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| 4-Isopropyltoluene | ND 0.054 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| Benzene | ND 0.11 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| Bromobenzene | ND 0.083 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| Bromodichloromethane | ND 0.11 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| Bromoform | ND 0.18 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| Bromomethane | ND 0.14 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| Carbon tetrachloride | ND 0.12 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| Chlorobenzene | ND 0.11 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| Chloroethane | ND 0.17 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| Chloroform | 3.4 0.079 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| Chloromethane | ND 0.19 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| cis-1,2-Dichloroethene | 8.1 0.18 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| Dibromochloromethane | ND 0.16 | 0.50 | µg/L 1 9/13/2012 08:12 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: 14-Sep-12

CLIENT: ATC Associates Inc. **Client Sample ID:** MW-6
Lab Order: N008460 **Collection Date:** 9/6/2012 7:49:00 AM
Project: Maryland Square Shopping Center, 085.42620.0 **Matrix:** GROUND WATER
Lab ID: N008460-003

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: MS5_120913A | QC Batch: P12VW097 | PrepDate: | Analyst: QBM |
|-----------------------------|--------------------|-----------|----------------------------|
| Dibromomethane | ND 0.11 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| Dichlorodifluoromethane | ND 0.057 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| Ethylbenzene | ND 0.13 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| Hexachlorobutadiene | ND 0.20 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| Isopropylbenzene | ND 0.11 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| m,p-Xylene | ND 0.16 | 1.0 | µg/L 1 9/13/2012 08:12 PM |
| Methylene chloride | ND 0.14 | 2.0 | µg/L 1 9/13/2012 08:12 PM |
| MTBE | ND 0.089 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| n-Butylbenzene | ND 0.070 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| n-Propylbenzene | ND 0.076 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| Naphthalene | ND 0.10 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| o-Xylene | ND 0.10 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| sec-Butylbenzene | ND 0.096 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| Styrene | ND 0.10 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| tert-Butylbenzene | ND 0.11 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| Tetrachloroethene | 3000 9.6 | 25 | µg/L 50 9/11/2012 11:08 AM |
| Toluene | ND 0.082 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| trans-1,2-Dichloroethene | ND 0.13 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| Trichloroethene | 18 0.18 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| Trichlorofluoromethane | ND 0.19 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| Vinyl chloride | ND 0.23 | 0.50 | µg/L 1 9/13/2012 08:12 PM |
| Surr: 1,2-Dichloroethane-d4 | 92.0 0 | 56-120 | %REC 50 9/11/2012 11:08 AM |
| Surr: 1,2-Dichloroethane-d4 | 82.5 0 | 56-120 | %REC 1 9/13/2012 08:12 PM |
| Surr: 4-Bromofluorobenzene | 97.3 0 | 80-120 | %REC 1 9/13/2012 08:12 PM |
| Surr: 4-Bromofluorobenzene | 95.6 0 | 80-120 | %REC 50 9/11/2012 11:08 AM |
| Surr: Dibromofluoromethane | 87.6 0 | 72-120 | %REC 1 9/13/2012 08:12 PM |
| Surr: Dibromofluoromethane | 93.9 0 | 72-120 | %REC 50 9/11/2012 11:08 AM |
| Surr: Toluene-d8 | 100 0 | 80-123 | %REC 1 9/13/2012 08:12 PM |
| Surr: Toluene-d8 | 99.0 0 | 80-123 | %REC 50 9/11/2012 11:08 AM |

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



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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-004

Client Sample ID: Duplicate MW-6
Collection Date: 9/6/2012 7:49:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: | MS5_120913A | QC Batch: | P12VW097 | PrepDate: | Analyst: | QBM |
|-----------------------------|-------------|-----------|----------|-----------|----------|--------------------|
| 1,1,1,2-Tetrachloroethane | ND | 0.12 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| 1,1,1-Trichloroethane | ND | 0.14 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| 1,1,2-Trichloroethane | ND | 0.18 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| 1,1-Dichloroethane | ND | 0.13 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| 1,1-Dichloroethene | ND | 0.18 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| 1,1-Dichloropropene | ND | 0.085 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| 1,2,3-Trichlorobenzene | ND | 0.098 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| 1,2,3-Trichloropropane | ND | 0.11 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| 1,2,4-Trichlorobenzene | ND | 0.082 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| 1,2,4-Trimethylbenzene | ND | 0.076 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| 1,2-Dibromo-3-chloropropane | ND | 0.34 | 1.0 | µg/L | 1 | 9/13/2012 08:40 PM |
| 1,2-Dibromoethane | ND | 0.10 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| 1,2-Dichlorobenzene | ND | 0.095 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| 1,2-Dichloroethane | ND | 0.10 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| 1,2-Dichloropropane | ND | 0.17 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| 1,3,5-Trimethylbenzene | ND | 0.13 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| 1,3-Dichlorobenzene | ND | 0.094 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| 1,3-Dichloropropane | ND | 0.13 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| 1,4-Dichlorobenzene | ND | 0.069 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| 2,2-Dichloropropane | ND | 0.10 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| 2-Chlorotoluene | ND | 0.10 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| 4-Chlorotoluene | ND | 0.083 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| 4-Isopropyltoluene | ND | 0.054 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| Benzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| Bromobenzene | ND | 0.083 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| Bromodichloromethane | ND | 0.11 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| Bromoform | ND | 0.18 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| Bromomethane | ND | 0.14 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| Carbon tetrachloride | ND | 0.12 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| Chlorobenzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| Chloroethane | ND | 0.17 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| Chloroform | 3.5 | 0.079 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| Chloromethane | ND | 0.19 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| cis-1,2-Dichloroethene | 8.8 | 0.18 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| Dibromochloromethane | ND | 0.16 | 0.50 | µg/L | 1 | 9/13/2012 08:40 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



**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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-004

Client Sample ID: Duplicate MW-6
Collection Date: 9/6/2012 7:49:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: MS5_120913A | QC Batch: P12VW097 | PrepDate: | Analyst: QBM | | | |
|-----------------------------|--------------------|-----------|--------------|------|----|--------------------|
| Dibromomethane | ND | 0.11 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| Dichlorodifluoromethane | ND | 0.057 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| Ethylbenzene | ND | 0.13 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| Hexachlorobutadiene | ND | 0.20 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| Isopropylbenzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| m,p-Xylene | ND | 0.16 | 1.0 | µg/L | 1 | 9/13/2012 08:40 PM |
| Methylene chloride | ND | 0.14 | 2.0 | µg/L | 1 | 9/13/2012 08:40 PM |
| MTBE | ND | 0.089 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| n-Butylbenzene | ND | 0.070 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| n-Propylbenzene | ND | 0.076 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| Naphthalene | ND | 0.10 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| o-Xylene | ND | 0.10 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| sec-Butylbenzene | ND | 0.096 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| Styrene | ND | 0.10 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| tert-Butylbenzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| Tetrachloroethene | 3000 | 9.6 | 25 | µg/L | 50 | 9/11/2012 11:36 AM |
| Toluene | ND | 0.082 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| trans-1,2-Dichloroethene | ND | 0.13 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| Trichloroethene | 17 | 0.18 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| Trichlorofluoromethane | ND | 0.19 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| Vinyl chloride | ND | 0.23 | 0.50 | µg/L | 1 | 9/13/2012 08:40 PM |
| Surr: 1,2-Dichloroethane-d4 | 91.9 | 0 | 56-120 | %REC | 50 | 9/11/2012 11:36 AM |
| Surr: 1,2-Dichloroethane-d4 | 89.4 | 0 | 56-120 | %REC | 1 | 9/13/2012 08:40 PM |
| Surr: 4-Bromofluorobenzene | 96.1 | 0 | 80-120 | %REC | 1 | 9/13/2012 08:40 PM |
| Surr: 4-Bromofluorobenzene | 96.7 | 0 | 80-120 | %REC | 50 | 9/11/2012 11:36 AM |
| Surr: Dibromofluoromethane | 90.4 | 0 | 72-120 | %REC | 1 | 9/13/2012 08:40 PM |
| Surr: Dibromofluoromethane | 94.6 | 0 | 72-120 | %REC | 50 | 9/11/2012 11:36 AM |
| Surr: Toluene-d8 | 99.3 | 0 | 80-123 | %REC | 1 | 9/13/2012 08:40 PM |
| Surr: Toluene-d8 | 99.8 | 0 | 80-123 | %REC | 50 | 9/11/2012 11:36 AM |

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



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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-005

Client Sample ID: MW-9
Collection Date: 9/6/2012 8:43:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: | MS5_120912A | QC Batch: | P12VW096 | PrepDate: | Analyst: | QBM |
|-----------------------------|-------------|-----------|----------|-----------|----------|--------------------|
| 1,1,1,2-Tetrachloroethane | ND | 0.12 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| 1,1,1-Trichloroethane | ND | 0.14 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| 1,1,2-Trichloroethane | ND | 0.18 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| 1,1-Dichloroethane | ND | 0.13 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| 1,1-Dichloroethene | ND | 0.18 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| 1,1-Dichloropropene | ND | 0.085 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| 1,2,3-Trichlorobenzene | ND | 0.098 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| 1,2,3-Trichloropropane | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| 1,2,4-Trichlorobenzene | ND | 0.082 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| 1,2,4-Trimethylbenzene | ND | 0.076 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| 1,2-Dibromo-3-chloropropane | ND | 0.34 | 1.0 | µg/L | 1 | 9/12/2012 06:43 PM |
| 1,2-Dibromoethane | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| 1,2-Dichlorobenzene | ND | 0.095 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| 1,2-Dichloroethane | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| 1,2-Dichloropropane | ND | 0.17 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| 1,3,5-Trimethylbenzene | ND | 0.13 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| 1,3-Dichlorobenzene | ND | 0.094 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| 1,3-Dichloropropane | ND | 0.13 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| 1,4-Dichlorobenzene | ND | 0.069 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| 2,2-Dichloropropane | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| 2-Chlorotoluene | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| 4-Chlorotoluene | ND | 0.083 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| 4-Isopropyltoluene | ND | 0.054 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| Benzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| Bromobenzene | ND | 0.083 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| Bromodichloromethane | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| Bromoform | ND | 0.18 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| Bromomethane | ND | 0.14 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| Carbon tetrachloride | ND | 0.12 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| Chlorobenzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| Chloroethane | ND | 0.17 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| Chloroform | ND | 0.079 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| Chloromethane | ND | 0.19 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| cis-1,2-Dichloroethene | ND | 0.18 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| Dibromochloromethane | ND | 0.16 | 0.50 | µg/L | 1 | 9/12/2012 06:43 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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-005

Client Sample ID: MW-9
Collection Date: 9/6/2012 8:43:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: | MS5_120912A | QC Batch: | P12VW096 | PrepDate: | Analyst: | QBM |
|-----------------------------|-------------|-----------|----------|-----------|----------|--------------------|
| Dibromomethane | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| Dichlorodifluoromethane | ND | 0.057 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| Ethylbenzene | ND | 0.13 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| Hexachlorobutadiene | ND | 0.20 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| Isopropylbenzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| m,p-Xylene | ND | 0.16 | 1.0 | µg/L | 1 | 9/12/2012 06:43 PM |
| Methylene chloride | ND | 0.14 | 2.0 | µg/L | 1 | 9/12/2012 06:43 PM |
| MTBE | ND | 0.089 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| n-Butylbenzene | ND | 0.070 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| n-Propylbenzene | ND | 0.076 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| Naphthalene | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| o-Xylene | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| sec-Butylbenzene | ND | 0.096 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| Styrene | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| tert-Butylbenzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| Tetrachloroethene | 3.7 | 0.19 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| Toluene | ND | 0.082 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| trans-1,2-Dichloroethene | ND | 0.13 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| Trichloroethene | ND | 0.18 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| Trichlorofluoromethane | ND | 0.19 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| Vinyl chloride | ND | 0.23 | 0.50 | µg/L | 1 | 9/12/2012 06:43 PM |
| Surr: 1,2-Dichloroethane-d4 | 87.5 | 0 | 56-120 | %REC | 1 | 9/12/2012 06:43 PM |
| Surr: 4-Bromofluorobenzene | 94.5 | 0 | 80-120 | %REC | 1 | 9/12/2012 06:43 PM |
| Surr: Dibromofluoromethane | 90.6 | 0 | 72-120 | %REC | 1 | 9/12/2012 06:43 PM |
| Surr: Toluene-d8 | 101 | 0 | 80-123 | %REC | 1 | 9/12/2012 06:43 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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-006

Client Sample ID: MW-14
Collection Date: 9/7/2012 8:20:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: | MS5_120913A | QC Batch: | P12VW097 | PrepDate: | Analyst: | QBM |
|-----------------------------|-------------|-----------|----------|-----------|----------|--------------------|
| 1,1,1,2-Tetrachloroethane | ND | 0.12 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| 1,1,1-Trichloroethane | ND | 0.14 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| 1,1,2-Trichloroethane | ND | 0.18 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| 1,1-Dichloroethane | ND | 0.13 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| 1,1-Dichloroethene | ND | 0.18 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| 1,1-Dichloropropene | ND | 0.085 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| 1,2,3-Trichlorobenzene | ND | 0.098 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| 1,2,3-Trichloropropane | ND | 0.11 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| 1,2,4-Trichlorobenzene | ND | 0.082 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| 1,2,4-Trimethylbenzene | ND | 0.076 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| 1,2-Dibromo-3-chloropropane | ND | 0.34 | 1.0 | µg/L | 1 | 9/13/2012 07:45 PM |
| 1,2-Dibromoethane | ND | 0.10 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| 1,2-Dichlorobenzene | ND | 0.095 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| 1,2-Dichloroethane | ND | 0.10 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| 1,2-Dichloropropane | ND | 0.17 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| 1,3,5-Trimethylbenzene | ND | 0.13 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| 1,3-Dichlorobenzene | ND | 0.094 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| 1,3-Dichloropropane | ND | 0.13 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| 1,4-Dichlorobenzene | ND | 0.069 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| 2,2-Dichloropropane | ND | 0.10 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| 2-Chlorotoluene | ND | 0.10 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| 4-Chlorotoluene | ND | 0.083 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| 4-Isopropyltoluene | ND | 0.054 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| Benzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| Bromobenzene | ND | 0.083 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| Bromodichloromethane | ND | 0.11 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| Bromoform | ND | 0.18 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| Bromomethane | ND | 0.14 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| Carbon tetrachloride | ND | 0.12 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| Chlorobenzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| Chloroethane | ND | 0.17 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| Chloroform | 1.9 | 0.079 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| Chloromethane | ND | 0.19 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| cis-1,2-Dichloroethene | ND | 0.18 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| Dibromochloromethane | ND | 0.16 | 0.50 | µg/L | 1 | 9/13/2012 07:45 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: 14-Sep-12

CLIENT: ATC Associates Inc. **Client Sample ID:** MW-14
Lab Order: N008460 **Collection Date:** 9/7/2012 8:20:00 AM
Project: Maryland Square Shopping Center, 085.42620.0 **Matrix:** GROUND WATER
Lab ID: N008460-006

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: | MS5_120913A | QC Batch: | P12VW097 | PrepDate: | Analyst: | QBM |
|-----------------------------|-------------|-----------|----------|-----------|----------|--------------------|
| Dibromomethane | ND | 0.11 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| Dichlorodifluoromethane | ND | 0.057 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| Ethylbenzene | ND | 0.13 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| Hexachlorobutadiene | ND | 0.20 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| Isopropylbenzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| m,p-Xylene | ND | 0.16 | 1.0 | µg/L | 1 | 9/13/2012 07:45 PM |
| Methylene chloride | ND | 0.14 | 2.0 | µg/L | 1 | 9/13/2012 07:45 PM |
| MTBE | ND | 0.089 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| n-Butylbenzene | ND | 0.070 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| n-Propylbenzene | ND | 0.076 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| Naphthalene | ND | 0.10 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| o-Xylene | ND | 0.10 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| sec-Butylbenzene | ND | 0.096 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| Styrene | ND | 0.10 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| tert-Butylbenzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| Tetrachloroethene | 1300 | 9.6 | 25 | µg/L | 50 | 9/11/2012 12:03 PM |
| Toluene | ND | 0.082 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| trans-1,2-Dichloroethene | ND | 0.13 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| Trichloroethene | 2.8 | 0.18 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| Trichlorofluoromethane | ND | 0.19 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| Vinyl chloride | ND | 0.23 | 0.50 | µg/L | 1 | 9/13/2012 07:45 PM |
| Surr: 1,2-Dichloroethane-d4 | 93.4 | 0 | 56-120 | %REC | 50 | 9/11/2012 12:03 PM |
| Surr: 1,2-Dichloroethane-d4 | 81.8 | 0 | 56-120 | %REC | 1 | 9/13/2012 07:45 PM |
| Surr: 4-Bromofluorobenzene | 92.8 | 0 | 80-120 | %REC | 1 | 9/13/2012 07:45 PM |
| Surr: 4-Bromofluorobenzene | 96.3 | 0 | 80-120 | %REC | 50 | 9/11/2012 12:03 PM |
| Surr: Dibromofluoromethane | 86.1 | 0 | 72-120 | %REC | 1 | 9/13/2012 07:45 PM |
| Surr: Dibromofluoromethane | 97.2 | 0 | 72-120 | %REC | 50 | 9/11/2012 12:03 PM |
| Surr: Toluene-d8 | 97.2 | 0 | 80-123 | %REC | 1 | 9/13/2012 07:45 PM |
| Surr: Toluene-d8 | 100 | 0 | 80-123 | %REC | 50 | 9/11/2012 12:03 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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-007

Client Sample ID: MW-17
Collection Date: 9/6/2012 1:21:00 PM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: MS5_120912A | QC Batch: P12VW096 | PrepDate: | Analyst: QBM |
|-----------------------------|--------------------|-----------|---------------------------|
| 1,1,1,2-Tetrachloroethane | ND 0.12 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| 1,1,1-Trichloroethane | ND 0.14 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| 1,1,2,2-Tetrachloroethane | ND 0.20 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| 1,1,2-Trichloroethane | ND 0.18 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| 1,1-Dichloroethane | ND 0.13 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| 1,1-Dichloroethene | ND 0.18 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| 1,1-Dichloropropene | ND 0.085 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| 1,2,3-Trichlorobenzene | ND 0.098 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| 1,2,3-Trichloropropane | ND 0.11 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| 1,2,4-Trichlorobenzene | ND 0.082 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| 1,2,4-Trimethylbenzene | ND 0.076 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| 1,2-Dibromo-3-chloropropane | ND 0.34 | 1.0 | µg/L 1 9/12/2012 09:56 PM |
| 1,2-Dibromoethane | ND 0.10 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| 1,2-Dichlorobenzene | ND 0.095 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| 1,2-Dichloroethane | ND 0.10 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| 1,2-Dichloropropane | ND 0.17 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| 1,3,5-Trimethylbenzene | ND 0.13 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| 1,3-Dichlorobenzene | ND 0.094 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| 1,3-Dichloropropane | ND 0.13 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| 1,4-Dichlorobenzene | ND 0.069 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| 2,2-Dichloropropane | ND 0.10 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| 2-Chlorotoluene | ND 0.10 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| 4-Chlorotoluene | ND 0.083 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| 4-Isopropyltoluene | ND 0.054 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| Benzene | ND 0.11 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| Bromobenzene | ND 0.083 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| Bromodichloromethane | ND 0.11 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| Bromoform | ND 0.18 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| Bromomethane | ND 0.14 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| Carbon tetrachloride | ND 0.12 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| Chlorobenzene | ND 0.11 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| Chloroethane | ND 0.17 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| Chloroform | 1.9 0.079 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| Chloromethane | ND 0.19 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| cis-1,2-Dichloroethene | ND 0.18 | 0.50 | µg/L 1 9/12/2012 09:56 PM |
| Dibromochloromethane | ND 0.16 | 0.50 | µg/L 1 9/12/2012 09:56 PM |

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



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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-007

Client Sample ID: MW-17
Collection Date: 9/6/2012 1:21:00 PM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: | MS5_120912A | QC Batch: | P12VW096 | PrepDate: | Analyst: | QBM |
|-----------------------------|-------------|-----------|----------|-----------|----------|--------------------|
| Dibromomethane | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 09:56 PM |
| Dichlorodifluoromethane | ND | 0.057 | 0.50 | µg/L | 1 | 9/12/2012 09:56 PM |
| Ethylbenzene | ND | 0.13 | 0.50 | µg/L | 1 | 9/12/2012 09:56 PM |
| Hexachlorobutadiene | ND | 0.20 | 0.50 | µg/L | 1 | 9/12/2012 09:56 PM |
| Isopropylbenzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 09:56 PM |
| m,p-Xylene | ND | 0.16 | 1.0 | µg/L | 1 | 9/12/2012 09:56 PM |
| Methylene chloride | ND | 0.14 | 2.0 | µg/L | 1 | 9/12/2012 09:56 PM |
| MTBE | ND | 0.089 | 0.50 | µg/L | 1 | 9/12/2012 09:56 PM |
| n-Butylbenzene | ND | 0.070 | 0.50 | µg/L | 1 | 9/12/2012 09:56 PM |
| n-Propylbenzene | ND | 0.076 | 0.50 | µg/L | 1 | 9/12/2012 09:56 PM |
| Naphthalene | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 09:56 PM |
| o-Xylene | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 09:56 PM |
| sec-Butylbenzene | ND | 0.096 | 0.50 | µg/L | 1 | 9/12/2012 09:56 PM |
| Styrene | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 09:56 PM |
| tert-Butylbenzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 09:56 PM |
| Tetrachloroethene | 250 | 1.9 | 5.0 | µg/L | 10 | 9/11/2012 12:31 PM |
| Toluene | ND | 0.082 | 0.50 | µg/L | 1 | 9/12/2012 09:56 PM |
| trans-1,2-Dichloroethene | ND | 0.13 | 0.50 | µg/L | 1 | 9/12/2012 09:56 PM |
| Trichloroethene | ND | 0.18 | 0.50 | µg/L | 1 | 9/12/2012 09:56 PM |
| Trichlorofluoromethane | ND | 0.19 | 0.50 | µg/L | 1 | 9/12/2012 09:56 PM |
| Vinyl chloride | ND | 0.23 | 0.50 | µg/L | 1 | 9/12/2012 09:56 PM |
| Surr: 1,2-Dichloroethane-d4 | 91.0 | 0 | 56-120 | %REC | 10 | 9/11/2012 12:31 PM |
| Surr: 1,2-Dichloroethane-d4 | 88.8 | 0 | 56-120 | %REC | 1 | 9/12/2012 09:56 PM |
| Surr: 4-Bromofluorobenzene | 97.6 | 0 | 80-120 | %REC | 1 | 9/12/2012 09:56 PM |
| Surr: 4-Bromofluorobenzene | 99.6 | 0 | 80-120 | %REC | 10 | 9/11/2012 12:31 PM |
| Surr: Dibromofluoromethane | 92.9 | 0 | 72-120 | %REC | 1 | 9/12/2012 09:56 PM |
| Surr: Dibromofluoromethane | 95.7 | 0 | 72-120 | %REC | 10 | 9/11/2012 12:31 PM |
| Surr: Toluene-d8 | 101 | 0 | 80-123 | %REC | 1 | 9/12/2012 09:56 PM |
| Surr: Toluene-d8 | 103 | 0 | 80-123 | %REC | 10 | 9/11/2012 12:31 PM |

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



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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-008

Client Sample ID: MW-27
Collection Date: 9/7/2012 6:24:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: MS5_120913A | QC Batch: P12VW097 | PrepDate: | Analyst: QBM |
|-----------------------------|--------------------|-----------|---------------------------|
| 1,1,1,2-Tetrachloroethane | ND 0.12 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| 1,1,1-Trichloroethane | ND 0.14 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| 1,1,2,2-Tetrachloroethane | ND 0.20 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| 1,1,2-Trichloroethane | ND 0.18 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| 1,1-Dichloroethane | ND 0.13 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| 1,1-Dichloroethene | ND 0.18 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| 1,1-Dichloropropene | ND 0.085 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| 1,2,3-Trichlorobenzene | ND 0.098 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| 1,2,3-Trichloropropane | ND 0.11 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| 1,2,4-Trichlorobenzene | ND 0.082 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| 1,2,4-Trimethylbenzene | ND 0.076 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| 1,2-Dibromo-3-chloropropane | ND 0.34 | 1.0 | µg/L 1 9/13/2012 05:28 PM |
| 1,2-Dibromoethane | ND 0.10 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| 1,2-Dichlorobenzene | ND 0.095 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| 1,2-Dichloroethane | ND 0.10 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| 1,2-Dichloropropane | ND 0.17 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| 1,3,5-Trimethylbenzene | ND 0.13 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| 1,3-Dichlorobenzene | ND 0.094 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| 1,3-Dichloropropane | ND 0.13 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| 1,4-Dichlorobenzene | ND 0.069 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| 2,2-Dichloropropane | ND 0.10 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| 2-Chlorotoluene | ND 0.10 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| 4-Chlorotoluene | ND 0.083 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| 4-Isopropyltoluene | ND 0.054 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| Benzene | ND 0.11 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| Bromobenzene | ND 0.083 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| Bromodichloromethane | ND 0.11 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| Bromoform | ND 0.18 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| Bromomethane | ND 0.14 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| Carbon tetrachloride | ND 0.12 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| Chlorobenzene | ND 0.11 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| Chloroethane | ND 0.17 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| Chloroform | 1.7 0.079 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| Chloromethane | ND 0.19 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| cis-1,2-Dichloroethene | ND 0.18 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| Dibromochloromethane | ND 0.16 | 0.50 | µg/L 1 9/13/2012 05:28 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: 14-Sep-12

CLIENT: ATC Associates Inc. **Client Sample ID:** MW-27
Lab Order: N008460 **Collection Date:** 9/7/2012 6:24:00 AM
Project: Maryland Square Shopping Center, 085.42620.0 **Matrix:** GROUND WATER
Lab ID: N008460-008

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: MS5_120913A | QC Batch: P12VW097 | PrepDate: | Analyst: QBM |
|-----------------------------|--------------------|-----------|----------------------------|
| Dibromomethane | ND 0.11 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| Dichlorodifluoromethane | ND 0.057 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| Ethylbenzene | ND 0.13 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| Hexachlorobutadiene | ND 0.20 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| Isopropylbenzene | ND 0.11 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| m,p-Xylene | ND 0.16 | 1.0 | µg/L 1 9/13/2012 05:28 PM |
| Methylene chloride | ND 0.14 | 2.0 | µg/L 1 9/13/2012 05:28 PM |
| MTBE | ND 0.089 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| n-Butylbenzene | ND 0.070 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| n-Propylbenzene | ND 0.076 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| Naphthalene | ND 0.10 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| o-Xylene | ND 0.10 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| sec-Butylbenzene | ND 0.096 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| Styrene | ND 0.10 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| tert-Butylbenzene | ND 0.11 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| Tetrachloroethene | 430 1.9 | 5.0 | µg/L 10 9/11/2012 02:48 PM |
| Toluene | ND 0.082 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| trans-1,2-Dichloroethene | ND 0.13 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| Trichloroethene | 1.2 0.18 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| Trichlorofluoromethane | ND 0.19 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| Vinyl chloride | ND 0.23 | 0.50 | µg/L 1 9/13/2012 05:28 PM |
| Surr: 1,2-Dichloroethane-d4 | 91.0 0 | 56-120 | %REC 10 9/11/2012 02:48 PM |
| Surr: 1,2-Dichloroethane-d4 | 87.9 0 | 56-120 | %REC 1 9/13/2012 05:28 PM |
| Surr: 4-Bromofluorobenzene | 92.8 0 | 80-120 | %REC 1 9/13/2012 05:28 PM |
| Surr: 4-Bromofluorobenzene | 97.8 0 | 80-120 | %REC 10 9/11/2012 02:48 PM |
| Surr: Dibromofluoromethane | 88.8 0 | 72-120 | %REC 1 9/13/2012 05:28 PM |
| Surr: Dibromofluoromethane | 94.6 0 | 72-120 | %REC 10 9/11/2012 02:48 PM |
| Surr: Toluene-d8 | 98.1 0 | 80-123 | %REC 1 9/13/2012 05:28 PM |
| Surr: Toluene-d8 | 101 0 | 80-123 | %REC 10 9/11/2012 02:48 PM |

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



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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-009

Client Sample ID: Duplicate MW-27
Collection Date: 9/7/2012 6:24:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: MS5_120913A | QC Batch: P12VW097 | PrepDate: | Analyst: QBM |
|-----------------------------|--------------------|-----------|---------------------------|
| 1,1,1,2-Tetrachloroethane | ND 0.12 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| 1,1,1-Trichloroethane | ND 0.14 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| 1,1,2,2-Tetrachloroethane | ND 0.20 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| 1,1,2-Trichloroethane | ND 0.18 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| 1,1-Dichloroethane | ND 0.13 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| 1,1-Dichloroethene | ND 0.18 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| 1,1-Dichloropropene | ND 0.085 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| 1,2,3-Trichlorobenzene | ND 0.098 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| 1,2,3-Trichloropropane | ND 0.11 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| 1,2,4-Trichlorobenzene | ND 0.082 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| 1,2,4-Trimethylbenzene | ND 0.076 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| 1,2-Dibromo-3-chloropropane | ND 0.34 | 1.0 | µg/L 1 9/13/2012 05:55 PM |
| 1,2-Dibromoethane | ND 0.10 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| 1,2-Dichlorobenzene | ND 0.095 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| 1,2-Dichloroethane | ND 0.10 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| 1,2-Dichloropropane | ND 0.17 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| 1,3,5-Trimethylbenzene | ND 0.13 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| 1,3-Dichlorobenzene | ND 0.094 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| 1,3-Dichloropropane | ND 0.13 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| 1,4-Dichlorobenzene | ND 0.069 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| 2,2-Dichloropropane | ND 0.10 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| 2-Chlorotoluene | ND 0.10 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| 4-Chlorotoluene | ND 0.083 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| 4-Isopropyltoluene | ND 0.054 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| Benzene | ND 0.11 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| Bromobenzene | ND 0.083 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| Bromodichloromethane | ND 0.11 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| Bromoform | ND 0.18 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| Bromomethane | ND 0.14 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| Carbon tetrachloride | ND 0.12 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| Chlorobenzene | ND 0.11 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| Chloroethane | ND 0.17 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| Chloroform | 1.8 0.079 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| Chloromethane | ND 0.19 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| cis-1,2-Dichloroethene | ND 0.18 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| Dibromochloromethane | ND 0.16 | 0.50 | µg/L 1 9/13/2012 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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-009

Client Sample ID: Duplicate MW-27
Collection Date: 9/7/2012 6:24:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: MS5_120913A | QC Batch: P12VW097 | PrepDate: | Analyst: QBM |
|-----------------------------|--------------------|-----------|----------------------------|
| Dibromomethane | ND 0.11 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| Dichlorodifluoromethane | ND 0.057 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| Ethylbenzene | ND 0.13 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| Hexachlorobutadiene | ND 0.20 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| Isopropylbenzene | ND 0.11 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| m,p-Xylene | ND 0.16 | 1.0 | µg/L 1 9/13/2012 05:55 PM |
| Methylene chloride | ND 0.14 | 2.0 | µg/L 1 9/13/2012 05:55 PM |
| MTBE | ND 0.089 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| n-Butylbenzene | ND 0.070 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| n-Propylbenzene | ND 0.076 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| Naphthalene | ND 0.10 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| o-Xylene | ND 0.10 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| sec-Butylbenzene | ND 0.096 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| Styrene | ND 0.10 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| tert-Butylbenzene | ND 0.11 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| Tetrachloroethene | 440 1.9 | 5.0 | µg/L 10 9/11/2012 03:16 PM |
| Toluene | ND 0.082 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| trans-1,2-Dichloroethene | ND 0.13 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| Trichloroethene | 1.2 0.18 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| Trichlorofluoromethane | ND 0.19 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| Vinyl chloride | ND 0.23 | 0.50 | µg/L 1 9/13/2012 05:55 PM |
| Surr: 1,2-Dichloroethane-d4 | 93.5 0 | 56-120 | %REC 10 9/11/2012 03:16 PM |
| Surr: 1,2-Dichloroethane-d4 | 87.2 0 | 56-120 | %REC 1 9/13/2012 05:55 PM |
| Surr: 4-Bromofluorobenzene | 96.9 0 | 80-120 | %REC 1 9/13/2012 05:55 PM |
| Surr: 4-Bromofluorobenzene | 99.6 0 | 80-120 | %REC 10 9/11/2012 03:16 PM |
| Surr: Dibromofluoromethane | 88.8 0 | 72-120 | %REC 1 9/13/2012 05:55 PM |
| Surr: Dibromofluoromethane | 97.4 0 | 72-120 | %REC 10 9/11/2012 03:16 PM |
| Surr: Toluene-d8 | 102 0 | 80-123 | %REC 1 9/13/2012 05:55 PM |
| Surr: Toluene-d8 | 103 0 | 80-123 | %REC 10 9/11/2012 03:16 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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-010

Client Sample ID: MW-34
Collection Date: 9/7/2012 7:36:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: | MS5_120913A | QC Batch: | P12VW097 | PrepDate: | Analyst: | QBM |
|-----------------------------|-------------|-----------|----------|-----------|----------|--------------------|
| 1,1,1,2-Tetrachloroethane | ND | 0.12 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| 1,1,1-Trichloroethane | ND | 0.14 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| 1,1,2-Trichloroethane | ND | 0.18 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| 1,1-Dichloroethane | ND | 0.13 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| 1,1-Dichloroethene | ND | 0.18 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| 1,1-Dichloropropene | ND | 0.085 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| 1,2,3-Trichlorobenzene | ND | 0.098 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| 1,2,3-Trichloropropane | ND | 0.11 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| 1,2,4-Trichlorobenzene | ND | 0.082 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| 1,2,4-Trimethylbenzene | ND | 0.076 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| 1,2-Dibromo-3-chloropropane | ND | 0.34 | 1.0 | µg/L | 1 | 9/13/2012 07:17 PM |
| 1,2-Dibromoethane | ND | 0.10 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| 1,2-Dichlorobenzene | ND | 0.095 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| 1,2-Dichloroethane | ND | 0.10 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| 1,2-Dichloropropane | ND | 0.17 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| 1,3,5-Trimethylbenzene | ND | 0.13 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| 1,3-Dichlorobenzene | ND | 0.094 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| 1,3-Dichloropropane | ND | 0.13 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| 1,4-Dichlorobenzene | ND | 0.069 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| 2,2-Dichloropropane | ND | 0.10 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| 2-Chlorotoluene | ND | 0.10 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| 4-Chlorotoluene | ND | 0.083 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| 4-Isopropyltoluene | ND | 0.054 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| Benzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| Bromobenzene | ND | 0.083 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| Bromodichloromethane | ND | 0.11 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| Bromoform | ND | 0.18 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| Bromomethane | ND | 0.14 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| Carbon tetrachloride | ND | 0.12 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| Chlorobenzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| Chloroethane | ND | 0.17 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| Chloroform | 1.5 | 0.079 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| Chloromethane | ND | 0.19 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| cis-1,2-Dichloroethene | ND | 0.18 | 0.50 | µg/L | 1 | 9/13/2012 07:17 PM |
| Dibromochloromethane | ND | 0.16 | 0.50 | µg/L | 1 | 9/13/2012 07:17 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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-010

Client Sample ID: MW-34
Collection Date: 9/7/2012 7:36:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: MS5_120913A | QC Batch: P12VW097 | PrepDate: | Analyst: QBM |
|-----------------------------|--------------------|-----------|----------------------------|
| Dibromomethane | ND 0.11 | 0.50 | µg/L 1 9/13/2012 07:17 PM |
| Dichlorodifluoromethane | ND 0.057 | 0.50 | µg/L 1 9/13/2012 07:17 PM |
| Ethylbenzene | ND 0.13 | 0.50 | µg/L 1 9/13/2012 07:17 PM |
| Hexachlorobutadiene | ND 0.20 | 0.50 | µg/L 1 9/13/2012 07:17 PM |
| Isopropylbenzene | ND 0.11 | 0.50 | µg/L 1 9/13/2012 07:17 PM |
| m,p-Xylene | ND 0.16 | 1.0 | µg/L 1 9/13/2012 07:17 PM |
| Methylene chloride | ND 0.14 | 2.0 | µg/L 1 9/13/2012 07:17 PM |
| MTBE | ND 0.089 | 0.50 | µg/L 1 9/13/2012 07:17 PM |
| n-Butylbenzene | ND 0.070 | 0.50 | µg/L 1 9/13/2012 07:17 PM |
| n-Propylbenzene | ND 0.076 | 0.50 | µg/L 1 9/13/2012 07:17 PM |
| Naphthalene | ND 0.10 | 0.50 | µg/L 1 9/13/2012 07:17 PM |
| o-Xylene | ND 0.10 | 0.50 | µg/L 1 9/13/2012 07:17 PM |
| sec-Butylbenzene | ND 0.096 | 0.50 | µg/L 1 9/13/2012 07:17 PM |
| Styrene | ND 0.10 | 0.50 | µg/L 1 9/13/2012 07:17 PM |
| tert-Butylbenzene | ND 0.11 | 0.50 | µg/L 1 9/13/2012 07:17 PM |
| Tetrachloroethene | 730 3.8 | 10 | µg/L 20 9/11/2012 03:43 PM |
| Toluene | ND 0.082 | 0.50 | µg/L 1 9/13/2012 07:17 PM |
| trans-1,2-Dichloroethene | ND 0.13 | 0.50 | µg/L 1 9/13/2012 07:17 PM |
| Trichloroethene | 1.2 0.18 | 0.50 | µg/L 1 9/13/2012 07:17 PM |
| Trichlorofluoromethane | ND 0.19 | 0.50 | µg/L 1 9/13/2012 07:17 PM |
| Vinyl chloride | ND 0.23 | 0.50 | µg/L 1 9/13/2012 07:17 PM |
| Surr: 1,2-Dichloroethane-d4 | 89.2 0 | 56-120 | %REC 20 9/11/2012 03:43 PM |
| Surr: 1,2-Dichloroethane-d4 | 84.2 0 | 56-120 | %REC 1 9/13/2012 07:17 PM |
| Surr: 4-Bromofluorobenzene | 94.6 0 | 80-120 | %REC 1 9/13/2012 07:17 PM |
| Surr: 4-Bromofluorobenzene | 96.0 0 | 80-120 | %REC 20 9/11/2012 03:43 PM |
| Surr: Dibromofluoromethane | 89.6 0 | 72-120 | %REC 1 9/13/2012 07:17 PM |
| Surr: Dibromofluoromethane | 92.8 0 | 72-120 | %REC 20 9/11/2012 03:43 PM |
| Surr: Toluene-d8 | 99.5 0 | 80-123 | %REC 1 9/13/2012 07:17 PM |
| Surr: Toluene-d8 | 102 0 | 80-123 | %REC 20 9/11/2012 03:43 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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-011

Client Sample ID: MW-35
Collection Date: 9/7/2012 7:02:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: MS5_120913A | QC Batch: P12VW097 | PrepDate: | Analyst: QBM |
|-----------------------------|--------------------|-----------|---------------------------|
| 1,1,1,2-Tetrachloroethane | ND 0.12 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| 1,1,1-Trichloroethane | ND 0.14 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| 1,1,2,2-Tetrachloroethane | ND 0.20 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| 1,1,2-Trichloroethane | ND 0.18 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| 1,1-Dichloroethane | ND 0.13 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| 1,1-Dichloroethene | ND 0.18 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| 1,1-Dichloropropene | ND 0.085 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| 1,2,3-Trichlorobenzene | ND 0.098 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| 1,2,3-Trichloropropane | ND 0.11 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| 1,2,4-Trichlorobenzene | ND 0.082 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| 1,2,4-Trimethylbenzene | ND 0.076 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| 1,2-Dibromo-3-chloropropane | ND 0.34 | 1.0 | µg/L 1 9/13/2012 06:22 PM |
| 1,2-Dibromoethane | ND 0.10 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| 1,2-Dichlorobenzene | ND 0.095 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| 1,2-Dichloroethane | ND 0.10 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| 1,2-Dichloropropane | ND 0.17 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| 1,3,5-Trimethylbenzene | ND 0.13 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| 1,3-Dichlorobenzene | ND 0.094 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| 1,3-Dichloropropane | ND 0.13 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| 1,4-Dichlorobenzene | ND 0.069 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| 2,2-Dichloropropane | ND 0.10 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| 2-Chlorotoluene | ND 0.10 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| 4-Chlorotoluene | ND 0.083 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| 4-Isopropyltoluene | ND 0.054 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| Benzene | ND 0.11 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| Bromobenzene | ND 0.083 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| Bromodichloromethane | ND 0.11 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| Bromoform | ND 0.18 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| Bromomethane | ND 0.14 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| Carbon tetrachloride | ND 0.12 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| Chlorobenzene | ND 0.11 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| Chloroethane | ND 0.17 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| Chloroform | 1.9 0.079 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| Chloromethane | ND 0.19 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| cis-1,2-Dichloroethene | ND 0.18 | 0.50 | µg/L 1 9/13/2012 06:22 PM |
| Dibromochloromethane | ND 0.16 | 0.50 | µg/L 1 9/13/2012 06:22 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



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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-011

Client Sample ID: MW-35
Collection Date: 9/7/2012 7:02:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: | MS5_120913A | QC Batch: | P12VW097 | PrepDate: | Analyst: | QBM |
|-----------------------------|-------------|-----------|----------|-----------|----------|--------------------|
| Dibromomethane | ND | 0.11 | 0.50 | µg/L | 1 | 9/13/2012 06:22 PM |
| Dichlorodifluoromethane | ND | 0.057 | 0.50 | µg/L | 1 | 9/13/2012 06:22 PM |
| Ethylbenzene | ND | 0.13 | 0.50 | µg/L | 1 | 9/13/2012 06:22 PM |
| Hexachlorobutadiene | ND | 0.20 | 0.50 | µg/L | 1 | 9/13/2012 06:22 PM |
| Isopropylbenzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/13/2012 06:22 PM |
| m,p-Xylene | ND | 0.16 | 1.0 | µg/L | 1 | 9/13/2012 06:22 PM |
| Methylene chloride | ND | 0.14 | 2.0 | µg/L | 1 | 9/13/2012 06:22 PM |
| MTBE | ND | 0.089 | 0.50 | µg/L | 1 | 9/13/2012 06:22 PM |
| n-Butylbenzene | ND | 0.070 | 0.50 | µg/L | 1 | 9/13/2012 06:22 PM |
| n-Propylbenzene | ND | 0.076 | 0.50 | µg/L | 1 | 9/13/2012 06:22 PM |
| Naphthalene | ND | 0.10 | 0.50 | µg/L | 1 | 9/13/2012 06:22 PM |
| o-Xylene | ND | 0.10 | 0.50 | µg/L | 1 | 9/13/2012 06:22 PM |
| sec-Butylbenzene | ND | 0.096 | 0.50 | µg/L | 1 | 9/13/2012 06:22 PM |
| Styrene | ND | 0.10 | 0.50 | µg/L | 1 | 9/13/2012 06:22 PM |
| tert-Butylbenzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/13/2012 06:22 PM |
| Tetrachloroethene | 520 | 1.9 | 5.0 | µg/L | 10 | 9/11/2012 04:11 PM |
| Toluene | ND | 0.082 | 0.50 | µg/L | 1 | 9/13/2012 06:22 PM |
| trans-1,2-Dichloroethene | ND | 0.13 | 0.50 | µg/L | 1 | 9/13/2012 06:22 PM |
| Trichloroethene | ND | 0.18 | 0.50 | µg/L | 1 | 9/13/2012 06:22 PM |
| Trichlorofluoromethane | ND | 0.19 | 0.50 | µg/L | 1 | 9/13/2012 06:22 PM |
| Vinyl chloride | ND | 0.23 | 0.50 | µg/L | 1 | 9/13/2012 06:22 PM |
| Surr: 1,2-Dichloroethane-d4 | 89.8 | 0 | 56-120 | %REC | 10 | 9/11/2012 04:11 PM |
| Surr: 1,2-Dichloroethane-d4 | 86.9 | 0 | 56-120 | %REC | 1 | 9/13/2012 06:22 PM |
| Surr: 4-Bromofluorobenzene | 93.9 | 0 | 80-120 | %REC | 1 | 9/13/2012 06:22 PM |
| Surr: 4-Bromofluorobenzene | 96.6 | 0 | 80-120 | %REC | 10 | 9/11/2012 04:11 PM |
| Surr: Dibromofluoromethane | 86.8 | 0 | 72-120 | %REC | 1 | 9/13/2012 06:22 PM |
| Surr: Dibromofluoromethane | 93.8 | 0 | 72-120 | %REC | 10 | 9/11/2012 04:11 PM |
| Surr: Toluene-d8 | 95.0 | 0 | 80-123 | %REC | 1 | 9/13/2012 06:22 PM |
| Surr: Toluene-d8 | 99.8 | 0 | 80-123 | %REC | 10 | 9/11/2012 04:11 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



**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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-012

Client Sample ID: MW-36
Collection Date: 9/6/2012 11:30:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: | MS5_120912A | QC Batch: | P12VW096 | PrepDate: | Analyst: | QBM |
|-----------------------------|-------------|-----------|----------|-----------|----------|--------------------|
| 1,1,1,2-Tetrachloroethane | ND | 0.12 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| 1,1,1-Trichloroethane | ND | 0.14 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| 1,1,2-Trichloroethane | ND | 0.18 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| 1,1-Dichloroethane | ND | 0.13 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| 1,1-Dichloroethene | ND | 0.18 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| 1,1-Dichloropropene | ND | 0.085 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| 1,2,3-Trichlorobenzene | ND | 0.098 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| 1,2,3-Trichloropropane | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| 1,2,4-Trichlorobenzene | ND | 0.082 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| 1,2,4-Trimethylbenzene | ND | 0.076 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| 1,2-Dibromo-3-chloropropane | ND | 0.34 | 1.0 | µg/L | 1 | 9/12/2012 09:01 PM |
| 1,2-Dibromoethane | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| 1,2-Dichlorobenzene | ND | 0.095 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| 1,2-Dichloroethane | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| 1,2-Dichloropropane | ND | 0.17 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| 1,3,5-Trimethylbenzene | ND | 0.13 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| 1,3-Dichlorobenzene | ND | 0.094 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| 1,3-Dichloropropane | ND | 0.13 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| 1,4-Dichlorobenzene | ND | 0.069 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| 2,2-Dichloropropane | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| 2-Chlorotoluene | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| 4-Chlorotoluene | ND | 0.083 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| 4-Isopropyltoluene | ND | 0.054 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| Benzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| Bromobenzene | ND | 0.083 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| Bromodichloromethane | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| Bromoform | ND | 0.18 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| Bromomethane | ND | 0.14 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| Carbon tetrachloride | ND | 0.12 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| Chlorobenzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| Chloroethane | ND | 0.17 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| Chloroform | 1.4 | 0.079 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| Chloromethane | ND | 0.19 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| cis-1,2-Dichloroethene | ND | 0.18 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| Dibromochloromethane | ND | 0.16 | 0.50 | µg/L | 1 | 9/12/2012 09:01 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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-012

Client Sample ID: MW-36
Collection Date: 9/6/2012 11:30:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: | MS5_120912A | QC Batch: | P12VW096 | PrepDate: | Analyst: | QBM |
|-----------------------------|-------------|-----------|----------|-----------|----------|--------------------|
| Dibromomethane | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| Dichlorodifluoromethane | ND | 0.057 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| Ethylbenzene | ND | 0.13 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| Hexachlorobutadiene | ND | 0.20 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| Isopropylbenzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| m,p-Xylene | ND | 0.16 | 1.0 | µg/L | 1 | 9/12/2012 09:01 PM |
| Methylene chloride | ND | 0.14 | 2.0 | µg/L | 1 | 9/12/2012 09:01 PM |
| MTBE | ND | 0.089 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| n-Butylbenzene | ND | 0.070 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| n-Propylbenzene | ND | 0.076 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| Naphthalene | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| o-Xylene | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| sec-Butylbenzene | ND | 0.096 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| Styrene | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| tert-Butylbenzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| Tetrachloroethene | 130 | 1.9 | 5.0 | µg/L | 10 | 9/11/2012 04:39 PM |
| Toluene | ND | 0.082 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| trans-1,2-Dichloroethene | ND | 0.13 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| Trichloroethene | ND | 0.18 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| Trichlorofluoromethane | ND | 0.19 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| Vinyl chloride | ND | 0.23 | 0.50 | µg/L | 1 | 9/12/2012 09:01 PM |
| Surr: 1,2-Dichloroethane-d4 | 91.5 | 0 | 56-120 | %REC | 10 | 9/11/2012 04:39 PM |
| Surr: 1,2-Dichloroethane-d4 | 87.8 | 0 | 56-120 | %REC | 1 | 9/12/2012 09:01 PM |
| Surr: 4-Bromofluorobenzene | 95.3 | 0 | 80-120 | %REC | 1 | 9/12/2012 09:01 PM |
| Surr: 4-Bromofluorobenzene | 99.2 | 0 | 80-120 | %REC | 10 | 9/11/2012 04:39 PM |
| Surr: Dibromofluoromethane | 92.0 | 0 | 72-120 | %REC | 1 | 9/12/2012 09:01 PM |
| Surr: Dibromofluoromethane | 96.4 | 0 | 72-120 | %REC | 10 | 9/11/2012 04:39 PM |
| Surr: Toluene-d8 | 101 | 0 | 80-123 | %REC | 1 | 9/12/2012 09:01 PM |
| Surr: Toluene-d8 | 100 | 0 | 80-123 | %REC | 10 | 9/11/2012 04:39 PM |

Qualifiers: B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded 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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-013

Client Sample ID: MW-37
Collection Date: 9/6/2012 10:18:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: MS5_120912A | QC Batch: P12VW096 | PrepDate: | Analyst: QBM |
|-----------------------------|--------------------|-----------|---------------------------|
| 1,1,1,2-Tetrachloroethane | ND 0.12 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| 1,1,1-Trichloroethane | ND 0.14 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| 1,1,2,2-Tetrachloroethane | ND 0.20 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| 1,1,2-Trichloroethane | ND 0.18 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| 1,1-Dichloroethane | ND 0.13 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| 1,1-Dichloroethene | ND 0.18 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| 1,1-Dichloropropene | ND 0.085 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| 1,2,3-Trichlorobenzene | ND 0.098 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| 1,2,3-Trichloropropane | ND 0.11 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| 1,2,4-Trichlorobenzene | ND 0.082 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| 1,2,4-Trimethylbenzene | ND 0.076 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| 1,2-Dibromo-3-chloropropane | ND 0.34 | 1.0 | µg/L 1 9/12/2012 07:38 PM |
| 1,2-Dibromoethane | ND 0.10 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| 1,2-Dichlorobenzene | ND 0.095 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| 1,2-Dichloroethane | ND 0.10 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| 1,2-Dichloropropane | ND 0.17 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| 1,3,5-Trimethylbenzene | ND 0.13 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| 1,3-Dichlorobenzene | ND 0.094 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| 1,3-Dichloropropane | ND 0.13 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| 1,4-Dichlorobenzene | ND 0.069 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| 2,2-Dichloropropane | ND 0.10 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| 2-Chlorotoluene | ND 0.10 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| 4-Chlorotoluene | ND 0.083 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| 4-Isopropyltoluene | ND 0.054 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| Benzene | ND 0.11 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| Bromobenzene | ND 0.083 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| Bromodichloromethane | ND 0.11 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| Bromoform | ND 0.18 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| Bromomethane | ND 0.14 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| Carbon tetrachloride | ND 0.12 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| Chlorobenzene | ND 0.11 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| Chloroethane | ND 0.17 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| Chloroform | 5.4 0.079 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| Chloromethane | ND 0.19 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| cis-1,2-Dichloroethene | ND 0.18 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| Dibromochloromethane | ND 0.16 | 0.50 | µg/L 1 9/12/2012 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



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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-013

Client Sample ID: MW-37
Collection Date: 9/6/2012 10:18:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: MS5_120912A | QC Batch: P12VW096 | PrepDate: | Analyst: QBM |
|-----------------------------|--------------------|-----------|---------------------------|
| Dibromomethane | ND 0.11 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| Dichlorodifluoromethane | ND 0.057 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| Ethylbenzene | ND 0.13 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| Hexachlorobutadiene | ND 0.20 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| Isopropylbenzene | ND 0.11 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| m,p-Xylene | ND 0.16 | 1.0 | µg/L 1 9/12/2012 07:38 PM |
| Methylene chloride | ND 0.14 | 2.0 | µg/L 1 9/12/2012 07:38 PM |
| MTBE | ND 0.089 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| n-Butylbenzene | ND 0.070 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| n-Propylbenzene | ND 0.076 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| Naphthalene | ND 0.10 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| o-Xylene | ND 0.10 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| sec-Butylbenzene | ND 0.096 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| Styrene | ND 0.10 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| tert-Butylbenzene | ND 0.11 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| Tetrachloroethene | 32 0.19 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| Toluene | ND 0.082 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| trans-1,2-Dichloroethene | ND 0.13 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| Trichloroethene | ND 0.18 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| Trichlorofluoromethane | ND 0.19 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| Vinyl chloride | ND 0.23 | 0.50 | µg/L 1 9/12/2012 07:38 PM |
| Surr: 1,2-Dichloroethane-d4 | 91.2 0 | 56-120 | %REC 1 9/12/2012 07:38 PM |
| Surr: 4-Bromofluorobenzene | 97.9 0 | 80-120 | %REC 1 9/12/2012 07:38 PM |
| Surr: Dibromofluoromethane | 92.7 0 | 72-120 | %REC 1 9/12/2012 07:38 PM |
| Surr: Toluene-d8 | 101 0 | 80-123 | %REC 1 9/12/2012 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



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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-014

Client Sample ID: MW-38
Collection Date: 9/6/2012 9:34:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: | MS5_120912A | QC Batch: | P12VW096 | PrepDate: | Analyst: | QBM | |
|--------|-----------------------------|-----------|----------|-----------|----------|-----|--------------------|
| | 1,1,1,2-Tetrachloroethane | ND | 0.12 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | 1,1,1-Trichloroethane | ND | 0.14 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | 1,1,2,2-Tetrachloroethane | ND | 0.20 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | 1,1,2-Trichloroethane | ND | 0.18 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | 1,1-Dichloroethane | ND | 0.13 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | 1,1-Dichloroethene | ND | 0.18 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | 1,1-Dichloropropene | ND | 0.085 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | 1,2,3-Trichlorobenzene | ND | 0.098 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | 1,2,3-Trichloropropane | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | 1,2,4-Trichlorobenzene | ND | 0.082 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | 1,2,4-Trimethylbenzene | ND | 0.076 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | 1,2-Dibromo-3-chloropropane | ND | 0.34 | 1.0 | µg/L | 1 | 9/12/2012 07:11 PM |
| | 1,2-Dibromoethane | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | 1,2-Dichlorobenzene | ND | 0.095 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | 1,2-Dichloroethane | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | 1,2-Dichloropropane | ND | 0.17 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | 1,3,5-Trimethylbenzene | ND | 0.13 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | 1,3-Dichlorobenzene | ND | 0.094 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | 1,3-Dichloropropane | ND | 0.13 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | 1,4-Dichlorobenzene | ND | 0.069 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | 2,2-Dichloropropane | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | 2-Chlorotoluene | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | 4-Chlorotoluene | ND | 0.083 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | 4-Isopropyltoluene | ND | 0.054 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | Benzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | Bromobenzene | ND | 0.083 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | Bromodichloromethane | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | Bromoform | ND | 0.18 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | Bromomethane | ND | 0.14 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | Carbon tetrachloride | ND | 0.12 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | Chlorobenzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | Chloroethane | ND | 0.17 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | Chloroform | 2.4 | 0.079 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | Chloromethane | ND | 0.19 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | cis-1,2-Dichloroethene | ND | 0.18 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| | Dibromochloromethane | ND | 0.16 | 0.50 | µg/L | 1 | 9/12/2012 07:11 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



**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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-014

Client Sample ID: MW-38
Collection Date: 9/6/2012 9:34:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: | MS5_120912A | QC Batch: | P12VW096 | PrepDate: | Analyst: | QBM |
|-----------------------------|-------------|-----------|----------|-----------|----------|--------------------|
| Dibromomethane | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| Dichlorodifluoromethane | ND | 0.057 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| Ethylbenzene | ND | 0.13 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| Hexachlorobutadiene | ND | 0.20 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| Isopropylbenzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| m,p-Xylene | ND | 0.16 | 1.0 | µg/L | 1 | 9/12/2012 07:11 PM |
| Methylene chloride | ND | 0.14 | 2.0 | µg/L | 1 | 9/12/2012 07:11 PM |
| MTBE | ND | 0.089 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| n-Butylbenzene | ND | 0.070 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| n-Propylbenzene | ND | 0.076 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| Naphthalene | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| o-Xylene | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| sec-Butylbenzene | ND | 0.096 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| Styrene | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| tert-Butylbenzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| Tetrachloroethene | 5.7 | 0.19 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| Toluene | ND | 0.082 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| trans-1,2-Dichloroethene | ND | 0.13 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| Trichloroethene | ND | 0.18 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| Trichlorofluoromethane | ND | 0.19 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| Vinyl chloride | ND | 0.23 | 0.50 | µg/L | 1 | 9/12/2012 07:11 PM |
| Surr: 1,2-Dichloroethane-d4 | 84.9 | 0 | 56-120 | %REC | 1 | 9/12/2012 07:11 PM |
| Surr: 4-Bromofluorobenzene | 92.8 | 0 | 80-120 | %REC | 1 | 9/12/2012 07:11 PM |
| Surr: Dibromofluoromethane | 87.2 | 0 | 72-120 | %REC | 1 | 9/12/2012 07:11 PM |
| Surr: Toluene-d8 | 98.4 | 0 | 80-123 | %REC | 1 | 9/12/2012 07:11 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



**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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-015

Client Sample ID: MW-39
Collection Date: 9/6/2012 6:24:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: MS5_120912A | QC Batch: P12VW096 | PrepDate: | Analyst: QBM |
|-----------------------------|--------------------|-----------|---------------------------|
| 1,1,1,2-Tetrachloroethane | ND 0.12 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| 1,1,1-Trichloroethane | ND 0.14 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| 1,1,2,2-Tetrachloroethane | ND 0.20 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| 1,1,2-Trichloroethane | ND 0.18 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| 1,1-Dichloroethane | ND 0.13 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| 1,1-Dichloroethene | ND 0.18 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| 1,1-Dichloropropene | ND 0.085 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| 1,2,3-Trichlorobenzene | ND 0.098 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| 1,2,3-Trichloropropane | ND 0.11 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| 1,2,4-Trichlorobenzene | ND 0.082 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| 1,2,4-Trimethylbenzene | ND 0.076 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| 1,2-Dibromo-3-chloropropane | ND 0.34 | 1.0 | µg/L 1 9/12/2012 09:28 PM |
| 1,2-Dibromoethane | ND 0.10 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| 1,2-Dichlorobenzene | ND 0.095 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| 1,2-Dichloroethane | ND 0.10 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| 1,2-Dichloropropane | ND 0.17 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| 1,3,5-Trimethylbenzene | ND 0.13 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| 1,3-Dichlorobenzene | ND 0.094 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| 1,3-Dichloropropane | ND 0.13 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| 1,4-Dichlorobenzene | ND 0.069 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| 2,2-Dichloropropane | ND 0.10 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| 2-Chlorotoluene | ND 0.10 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| 4-Chlorotoluene | ND 0.083 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| 4-Isopropyltoluene | ND 0.054 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| Benzene | ND 0.11 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| Bromobenzene | ND 0.083 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| Bromodichloromethane | ND 0.11 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| Bromoform | ND 0.18 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| Bromomethane | ND 0.14 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| Carbon tetrachloride | ND 0.12 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| Chlorobenzene | ND 0.11 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| Chloroethane | ND 0.17 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| Chloroform | 1.1 0.079 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| Chloromethane | ND 0.19 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| cis-1,2-Dichloroethene | ND 0.18 | 0.50 | µg/L 1 9/12/2012 09:28 PM |
| Dibromochloromethane | ND 0.16 | 0.50 | µg/L 1 9/12/2012 09:28 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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-015

Client Sample ID: MW-39
Collection Date: 9/6/2012 6:24:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: | MS5_120912A | QC Batch: | P12VW096 | PrepDate: | Analyst: | QBM |
|-----------------------------|-------------|-----------|----------|-----------|----------|--------------------|
| Dibromomethane | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 09:28 PM |
| Dichlorodifluoromethane | ND | 0.057 | 0.50 | µg/L | 1 | 9/12/2012 09:28 PM |
| Ethylbenzene | ND | 0.13 | 0.50 | µg/L | 1 | 9/12/2012 09:28 PM |
| Hexachlorobutadiene | ND | 0.20 | 0.50 | µg/L | 1 | 9/12/2012 09:28 PM |
| Isopropylbenzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 09:28 PM |
| m,p-Xylene | ND | 0.16 | 1.0 | µg/L | 1 | 9/12/2012 09:28 PM |
| Methylene chloride | ND | 0.14 | 2.0 | µg/L | 1 | 9/12/2012 09:28 PM |
| MTBE | ND | 0.089 | 0.50 | µg/L | 1 | 9/12/2012 09:28 PM |
| n-Butylbenzene | ND | 0.070 | 0.50 | µg/L | 1 | 9/12/2012 09:28 PM |
| n-Propylbenzene | ND | 0.076 | 0.50 | µg/L | 1 | 9/12/2012 09:28 PM |
| Naphthalene | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 09:28 PM |
| o-Xylene | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 09:28 PM |
| sec-Butylbenzene | ND | 0.096 | 0.50 | µg/L | 1 | 9/12/2012 09:28 PM |
| Styrene | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 09:28 PM |
| tert-Butylbenzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 09:28 PM |
| Tetrachloroethene | 240 | 1.9 | 5.0 | µg/L | 10 | 9/11/2012 05:06 PM |
| Toluene | ND | 0.082 | 0.50 | µg/L | 1 | 9/12/2012 09:28 PM |
| trans-1,2-Dichloroethene | ND | 0.13 | 0.50 | µg/L | 1 | 9/12/2012 09:28 PM |
| Trichloroethene | 0.83 | 0.18 | 0.50 | µg/L | 1 | 9/12/2012 09:28 PM |
| Trichlorofluoromethane | ND | 0.19 | 0.50 | µg/L | 1 | 9/12/2012 09:28 PM |
| Vinyl chloride | ND | 0.23 | 0.50 | µg/L | 1 | 9/12/2012 09:28 PM |
| Surr: 1,2-Dichloroethane-d4 | 91.5 | 0 | 56-120 | %REC | 10 | 9/11/2012 05:06 PM |
| Surr: 1,2-Dichloroethane-d4 | 88.4 | 0 | 56-120 | %REC | 1 | 9/12/2012 09:28 PM |
| Surr: 4-Bromofluorobenzene | 95.8 | 0 | 80-120 | %REC | 1 | 9/12/2012 09:28 PM |
| Surr: 4-Bromofluorobenzene | 96.3 | 0 | 80-120 | %REC | 10 | 9/11/2012 05:06 PM |
| Surr: Dibromofluoromethane | 92.0 | 0 | 72-120 | %REC | 1 | 9/12/2012 09:28 PM |
| Surr: Dibromofluoromethane | 93.6 | 0 | 72-120 | %REC | 10 | 9/11/2012 05:06 PM |
| Surr: Toluene-d8 | 98.7 | 0 | 80-123 | %REC | 1 | 9/12/2012 09:28 PM |
| Surr: Toluene-d8 | 98.9 | 0 | 80-123 | %REC | 10 | 9/11/2012 05:06 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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-016

Client Sample ID: MW-40
Collection Date: 9/6/2012 12:20:00 PM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: MS5_120913A | QC Batch: P12VW097 | PrepDate: | Analyst: QBM |
|-----------------------------|--------------------|-----------|---------------------------|
| 1,1,1,2-Tetrachloroethane | ND 0.12 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| 1,1,1-Trichloroethane | ND 0.14 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| 1,1,2,2-Tetrachloroethane | ND 0.20 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| 1,1,2-Trichloroethane | ND 0.18 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| 1,1-Dichloroethane | ND 0.13 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| 1,1-Dichloroethene | ND 0.18 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| 1,1-Dichloropropene | ND 0.085 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| 1,2,3-Trichlorobenzene | ND 0.098 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| 1,2,3-Trichloropropane | ND 0.11 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| 1,2,4-Trichlorobenzene | ND 0.082 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| 1,2,4-Trimethylbenzene | ND 0.076 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| 1,2-Dibromo-3-chloropropane | ND 0.34 | 1.0 | µg/L 1 9/13/2012 06:50 PM |
| 1,2-Dibromoethane | ND 0.10 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| 1,2-Dichlorobenzene | ND 0.095 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| 1,2-Dichloroethane | ND 0.10 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| 1,2-Dichloropropane | ND 0.17 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| 1,3,5-Trimethylbenzene | ND 0.13 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| 1,3-Dichlorobenzene | ND 0.094 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| 1,3-Dichloropropane | ND 0.13 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| 1,4-Dichlorobenzene | ND 0.069 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| 2,2-Dichloropropane | ND 0.10 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| 2-Chlorotoluene | ND 0.10 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| 4-Chlorotoluene | ND 0.083 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| 4-Isopropyltoluene | ND 0.054 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| Benzene | ND 0.11 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| Bromobenzene | ND 0.083 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| Bromodichloromethane | ND 0.11 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| Bromoform | ND 0.18 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| Bromomethane | ND 0.14 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| Carbon tetrachloride | ND 0.12 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| Chlorobenzene | ND 0.11 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| Chloroethane | ND 0.17 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| Chloroform | 2.0 0.079 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| Chloromethane | ND 0.19 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| cis-1,2-Dichloroethene | 0.80 0.18 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| Dibromochloromethane | ND 0.16 | 0.50 | µg/L 1 9/13/2012 06:50 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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-016

Client Sample ID: MW-40
Collection Date: 9/6/2012 12:20:00 PM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: MS5_120913A | QC Batch: P12VW097 | PrepDate: | Analyst: QBM |
|-----------------------------|--------------------|-----------|----------------------------|
| Dibromomethane | ND 0.11 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| Dichlorodifluoromethane | ND 0.057 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| Ethylbenzene | ND 0.13 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| Hexachlorobutadiene | ND 0.20 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| Isopropylbenzene | ND 0.11 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| m,p-Xylene | ND 0.16 | 1.0 | µg/L 1 9/13/2012 06:50 PM |
| Methylene chloride | ND 0.14 | 2.0 | µg/L 1 9/13/2012 06:50 PM |
| MTBE | ND 0.089 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| n-Butylbenzene | ND 0.070 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| n-Propylbenzene | ND 0.076 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| Naphthalene | ND 0.10 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| o-Xylene | ND 0.10 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| sec-Butylbenzene | ND 0.096 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| Styrene | ND 0.10 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| tert-Butylbenzene | ND 0.11 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| Tetrachloroethene | 690 1.9 | 5.0 | µg/L 10 9/11/2012 05:34 PM |
| Toluene | ND 0.082 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| trans-1,2-Dichloroethene | ND 0.13 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| Trichloroethene | 4.0 0.18 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| Trichlorofluoromethane | ND 0.19 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| Vinyl chloride | ND 0.23 | 0.50 | µg/L 1 9/13/2012 06:50 PM |
| Surr: 1,2-Dichloroethane-d4 | 89.3 0 | 56-120 | %REC 1 9/13/2012 06:50 PM |
| Surr: 1,2-Dichloroethane-d4 | 94.0 0 | 56-120 | %REC 10 9/11/2012 05:34 PM |
| Surr: 4-Bromofluorobenzene | 94.7 0 | 80-120 | %REC 1 9/13/2012 06:50 PM |
| Surr: 4-Bromofluorobenzene | 97.5 0 | 80-120 | %REC 10 9/11/2012 05:34 PM |
| Surr: Dibromofluoromethane | 89.6 0 | 72-120 | %REC 1 9/13/2012 06:50 PM |
| Surr: Dibromofluoromethane | 95.9 0 | 72-120 | %REC 10 9/11/2012 05:34 PM |
| Surr: Toluene-d8 | 103 0 | 80-123 | %REC 10 9/11/2012 05:34 PM |
| Surr: Toluene-d8 | 99.5 0 | 80-123 | %REC 1 9/13/2012 06:50 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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-017

Client Sample ID: Trip Blank
Collection Date: 9/6/2012 5:25:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: MS5_120912A | QC Batch: P12VW096 | PrepDate: | Analyst: QBM |
|-----------------------------|--------------------|-----------|---------------------------|
| 1,1,1,2-Tetrachloroethane | ND 0.12 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| 1,1,1-Trichloroethane | ND 0.14 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| 1,1,2,2-Tetrachloroethane | ND 0.20 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| 1,1,2-Trichloroethane | ND 0.18 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| 1,1-Dichloroethane | ND 0.13 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| 1,1-Dichloroethene | ND 0.18 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| 1,1-Dichloropropene | ND 0.085 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| 1,2,3-Trichlorobenzene | ND 0.098 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| 1,2,3-Trichloropropane | ND 0.11 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| 1,2,4-Trichlorobenzene | ND 0.082 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| 1,2,4-Trimethylbenzene | ND 0.076 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| 1,2-Dibromo-3-chloropropane | ND 0.34 | 1.0 | µg/L 1 9/12/2012 04:54 PM |
| 1,2-Dibromoethane | ND 0.10 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| 1,2-Dichlorobenzene | ND 0.095 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| 1,2-Dichloroethane | ND 0.10 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| 1,2-Dichloropropane | ND 0.17 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| 1,3,5-Trimethylbenzene | ND 0.13 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| 1,3-Dichlorobenzene | ND 0.094 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| 1,3-Dichloropropane | ND 0.13 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| 1,4-Dichlorobenzene | ND 0.069 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| 2,2-Dichloropropane | ND 0.10 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| 2-Chlorotoluene | ND 0.10 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| 4-Chlorotoluene | ND 0.083 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| 4-Isopropyltoluene | ND 0.054 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| Benzene | ND 0.11 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| Bromobenzene | ND 0.083 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| Bromodichloromethane | ND 0.11 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| Bromoform | ND 0.18 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| Bromomethane | ND 0.14 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| Carbon tetrachloride | ND 0.12 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| Chlorobenzene | ND 0.11 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| Chloroethane | ND 0.17 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| Chloroform | ND 0.079 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| Chloromethane | ND 0.19 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| cis-1,2-Dichloroethene | ND 0.18 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| Dibromochloromethane | ND 0.16 | 0.50 | µg/L 1 9/12/2012 04:54 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



**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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-017

Client Sample ID: Trip Blank
Collection Date: 9/6/2012 5:25:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: MS5_120912A | QC Batch: P12VW096 | PrepDate: | Analyst: QBM |
|-----------------------------|--------------------|-----------|---------------------------|
| Dibromomethane | ND 0.11 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| Dichlorodifluoromethane | ND 0.057 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| Ethylbenzene | ND 0.13 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| Hexachlorobutadiene | ND 0.20 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| Isopropylbenzene | ND 0.11 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| m,p-Xylene | ND 0.16 | 1.0 | µg/L 1 9/12/2012 04:54 PM |
| Methylene chloride | ND 0.14 | 2.0 | µg/L 1 9/12/2012 04:54 PM |
| MTBE | ND 0.089 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| n-Butylbenzene | ND 0.070 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| n-Propylbenzene | ND 0.076 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| Naphthalene | ND 0.10 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| o-Xylene | ND 0.10 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| sec-Butylbenzene | ND 0.096 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| Styrene | ND 0.10 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| tert-Butylbenzene | ND 0.11 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| Tetrachloroethene | ND 0.19 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| Toluene | ND 0.082 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| trans-1,2-Dichloroethene | ND 0.13 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| Trichloroethene | ND 0.18 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| Trichlorofluoromethane | ND 0.19 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| Vinyl chloride | ND 0.23 | 0.50 | µg/L 1 9/12/2012 04:54 PM |
| Surr: 1,2-Dichloroethane-d4 | 87.4 0 | 56-120 | %REC 1 9/12/2012 04:54 PM |
| Surr: 4-Bromofluorobenzene | 95.7 0 | 80-120 | %REC 1 9/12/2012 04:54 PM |
| Surr: Dibromofluoromethane | 92.4 0 | 72-120 | %REC 1 9/12/2012 04:54 PM |
| Surr: Toluene-d8 | 99.6 0 | 80-123 | %REC 1 9/12/2012 04:54 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



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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-018

Client Sample ID: Trip Blank
Collection Date: 9/7/2012 5:15:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: MS5_120912A | QC Batch: P12VW096 | PrepDate: | Analyst: QBM |
|-----------------------------|--------------------|-----------|---------------------------|
| 1,1,1,2-Tetrachloroethane | ND 0.12 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| 1,1,1-Trichloroethane | ND 0.14 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| 1,1,2,2-Tetrachloroethane | ND 0.20 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| 1,1,2-Trichloroethane | ND 0.18 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| 1,1-Dichloroethane | ND 0.13 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| 1,1-Dichloroethene | ND 0.18 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| 1,1-Dichloropropene | ND 0.085 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| 1,2,3-Trichlorobenzene | ND 0.098 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| 1,2,3-Trichloropropane | ND 0.11 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| 1,2,4-Trichlorobenzene | ND 0.082 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| 1,2,4-Trimethylbenzene | ND 0.076 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| 1,2-Dibromo-3-chloropropane | ND 0.34 | 1.0 | µg/L 1 9/12/2012 05:21 PM |
| 1,2-Dibromoethane | ND 0.10 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| 1,2-Dichlorobenzene | ND 0.095 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| 1,2-Dichloroethane | ND 0.10 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| 1,2-Dichloropropane | ND 0.17 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| 1,3,5-Trimethylbenzene | ND 0.13 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| 1,3-Dichlorobenzene | ND 0.094 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| 1,3-Dichloropropane | ND 0.13 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| 1,4-Dichlorobenzene | ND 0.069 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| 2,2-Dichloropropane | ND 0.10 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| 2-Chlorotoluene | ND 0.10 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| 4-Chlorotoluene | ND 0.083 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| 4-Isopropyltoluene | ND 0.054 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| Benzene | ND 0.11 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| Bromobenzene | ND 0.083 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| Bromodichloromethane | ND 0.11 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| Bromoform | ND 0.18 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| Bromomethane | ND 0.14 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| Carbon tetrachloride | ND 0.12 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| Chlorobenzene | ND 0.11 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| Chloroethane | ND 0.17 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| Chloroform | ND 0.079 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| Chloromethane | ND 0.19 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| cis-1,2-Dichloroethene | ND 0.18 | 0.50 | µg/L 1 9/12/2012 05:21 PM |
| Dibromochloromethane | ND 0.16 | 0.50 | µg/L 1 9/12/2012 05:21 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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-018

Client Sample ID: Trip Blank
Collection Date: 9/7/2012 5:15:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: | MS5_120912A | QC Batch: | P12VW096 | PrepDate: | Analyst: | QBM |
|-----------------------------|-------------|-----------|----------|-----------|----------|--------------------|
| Dibromomethane | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 05:21 PM |
| Dichlorodifluoromethane | ND | 0.057 | 0.50 | µg/L | 1 | 9/12/2012 05:21 PM |
| Ethylbenzene | ND | 0.13 | 0.50 | µg/L | 1 | 9/12/2012 05:21 PM |
| Hexachlorobutadiene | ND | 0.20 | 0.50 | µg/L | 1 | 9/12/2012 05:21 PM |
| Isopropylbenzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 05:21 PM |
| m,p-Xylene | ND | 0.16 | 1.0 | µg/L | 1 | 9/12/2012 05:21 PM |
| Methylene chloride | ND | 0.14 | 2.0 | µg/L | 1 | 9/12/2012 05:21 PM |
| MTBE | ND | 0.089 | 0.50 | µg/L | 1 | 9/12/2012 05:21 PM |
| n-Butylbenzene | ND | 0.070 | 0.50 | µg/L | 1 | 9/12/2012 05:21 PM |
| n-Propylbenzene | ND | 0.076 | 0.50 | µg/L | 1 | 9/12/2012 05:21 PM |
| Naphthalene | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 05:21 PM |
| o-Xylene | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 05:21 PM |
| sec-Butylbenzene | ND | 0.096 | 0.50 | µg/L | 1 | 9/12/2012 05:21 PM |
| Styrene | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 05:21 PM |
| tert-Butylbenzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 05:21 PM |
| Tetrachloroethene | ND | 0.19 | 0.50 | µg/L | 1 | 9/12/2012 05:21 PM |
| Toluene | ND | 0.082 | 0.50 | µg/L | 1 | 9/12/2012 05:21 PM |
| trans-1,2-Dichloroethene | ND | 0.13 | 0.50 | µg/L | 1 | 9/12/2012 05:21 PM |
| Trichloroethene | ND | 0.18 | 0.50 | µg/L | 1 | 9/12/2012 05:21 PM |
| Trichlorofluoromethane | ND | 0.19 | 0.50 | µg/L | 1 | 9/12/2012 05:21 PM |
| Vinyl chloride | ND | 0.23 | 0.50 | µg/L | 1 | 9/12/2012 05:21 PM |
| Surr: 1,2-Dichloroethane-d4 | 88.1 | 0 | 56-120 | %REC | 1 | 9/12/2012 05:21 PM |
| Surr: 4-Bromofluorobenzene | 96.3 | 0 | 80-120 | %REC | 1 | 9/12/2012 05:21 PM |
| Surr: Dibromofluoromethane | 91.0 | 0 | 72-120 | %REC | 1 | 9/12/2012 05:21 PM |
| Surr: Toluene-d8 | 99.6 | 0 | 80-123 | %REC | 1 | 9/12/2012 05:21 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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-019

Client Sample ID: Equipment Blank
Collection Date: 9/6/2012 9:40:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: MS5_120912A | QC Batch: P12VW096 | PrepDate: | Analyst: QBM |
|-----------------------------|--------------------|-----------|---------------------------|
| 1,1,1,2-Tetrachloroethane | ND 0.12 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| 1,1,1-Trichloroethane | ND 0.14 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| 1,1,2,2-Tetrachloroethane | ND 0.20 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| 1,1,2-Trichloroethane | ND 0.18 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| 1,1-Dichloroethane | ND 0.13 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| 1,1-Dichloroethene | ND 0.18 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| 1,1-Dichloropropene | ND 0.085 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| 1,2,3-Trichlorobenzene | ND 0.098 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| 1,2,3-Trichloropropane | ND 0.11 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| 1,2,4-Trichlorobenzene | ND 0.082 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| 1,2,4-Trimethylbenzene | ND 0.076 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| 1,2-Dibromo-3-chloropropane | ND 0.34 | 1.0 | µg/L 1 9/12/2012 05:48 PM |
| 1,2-Dibromoethane | ND 0.10 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| 1,2-Dichlorobenzene | ND 0.095 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| 1,2-Dichloroethane | ND 0.10 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| 1,2-Dichloropropane | ND 0.17 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| 1,3,5-Trimethylbenzene | ND 0.13 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| 1,3-Dichlorobenzene | ND 0.094 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| 1,3-Dichloropropane | ND 0.13 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| 1,4-Dichlorobenzene | ND 0.069 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| 2,2-Dichloropropane | ND 0.10 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| 2-Chlorotoluene | ND 0.10 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| 4-Chlorotoluene | ND 0.083 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| 4-Isopropyltoluene | ND 0.054 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| Benzene | ND 0.11 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| Bromobenzene | ND 0.083 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| Bromodichloromethane | ND 0.11 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| Bromoform | ND 0.18 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| Bromomethane | ND 0.14 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| Carbon tetrachloride | ND 0.12 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| Chlorobenzene | ND 0.11 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| Chloroethane | ND 0.17 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| Chloroform | ND 0.079 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| Chloromethane | ND 0.19 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| cis-1,2-Dichloroethene | ND 0.18 | 0.50 | µg/L 1 9/12/2012 05:48 PM |
| Dibromochloromethane | ND 0.16 | 0.50 | µg/L 1 9/12/2012 05:48 PM |

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



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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-019

Client Sample ID: Equipment Blank
Collection Date: 9/6/2012 9:40:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: | MS5_120912A | QC Batch: | P12VW096 | PrepDate: | Analyst: | QBM |
|-----------------------------|-------------|-----------|----------|-----------|----------|--------------------|
| Dibromomethane | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 05:48 PM |
| Dichlorodifluoromethane | ND | 0.057 | 0.50 | µg/L | 1 | 9/12/2012 05:48 PM |
| Ethylbenzene | ND | 0.13 | 0.50 | µg/L | 1 | 9/12/2012 05:48 PM |
| Hexachlorobutadiene | ND | 0.20 | 0.50 | µg/L | 1 | 9/12/2012 05:48 PM |
| Isopropylbenzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 05:48 PM |
| m,p-Xylene | ND | 0.16 | 1.0 | µg/L | 1 | 9/12/2012 05:48 PM |
| Methylene chloride | ND | 0.14 | 2.0 | µg/L | 1 | 9/12/2012 05:48 PM |
| MTBE | ND | 0.089 | 0.50 | µg/L | 1 | 9/12/2012 05:48 PM |
| n-Butylbenzene | ND | 0.070 | 0.50 | µg/L | 1 | 9/12/2012 05:48 PM |
| n-Propylbenzene | ND | 0.076 | 0.50 | µg/L | 1 | 9/12/2012 05:48 PM |
| Naphthalene | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 05:48 PM |
| o-Xylene | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 05:48 PM |
| sec-Butylbenzene | ND | 0.096 | 0.50 | µg/L | 1 | 9/12/2012 05:48 PM |
| Styrene | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 05:48 PM |
| tert-Butylbenzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 05:48 PM |
| Tetrachloroethene | ND | 0.19 | 0.50 | µg/L | 1 | 9/12/2012 05:48 PM |
| Toluene | ND | 0.082 | 0.50 | µg/L | 1 | 9/12/2012 05:48 PM |
| trans-1,2-Dichloroethene | ND | 0.13 | 0.50 | µg/L | 1 | 9/12/2012 05:48 PM |
| Trichloroethene | ND | 0.18 | 0.50 | µg/L | 1 | 9/12/2012 05:48 PM |
| Trichlorofluoromethane | ND | 0.19 | 0.50 | µg/L | 1 | 9/12/2012 05:48 PM |
| Vinyl chloride | ND | 0.23 | 0.50 | µg/L | 1 | 9/12/2012 05:48 PM |
| Surr: 1,2-Dichloroethane-d4 | 90.8 | 0 | 56-120 | %REC | 1 | 9/12/2012 05:48 PM |
| Surr: 4-Bromofluorobenzene | 94.6 | 0 | 80-120 | %REC | 1 | 9/12/2012 05:48 PM |
| Surr: Dibromofluoromethane | 94.5 | 0 | 72-120 | %REC | 1 | 9/12/2012 05:48 PM |
| Surr: Toluene-d8 | 98.1 | 0 | 80-123 | %REC | 1 | 9/12/2012 05:48 PM |

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



**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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-020

Client Sample ID: Equipment Blank
Collection Date: 9/7/2012 7:10:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: MS5_120912A | QC Batch: P12VW096 | PrepDate: | Analyst: QBM |
|-----------------------------|--------------------|-----------|---------------------------|
| 1,1,1,2-Tetrachloroethane | ND 0.12 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| 1,1,1-Trichloroethane | ND 0.14 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| 1,1,2,2-Tetrachloroethane | ND 0.20 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| 1,1,2-Trichloroethane | ND 0.18 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| 1,1-Dichloroethane | ND 0.13 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| 1,1-Dichloroethene | ND 0.18 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| 1,1-Dichloropropene | ND 0.085 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| 1,2,3-Trichlorobenzene | ND 0.098 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| 1,2,3-Trichloropropane | ND 0.11 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| 1,2,4-Trichlorobenzene | ND 0.082 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| 1,2,4-Trimethylbenzene | ND 0.076 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| 1,2-Dibromo-3-chloropropane | ND 0.34 | 1.0 | µg/L 1 9/12/2012 06:16 PM |
| 1,2-Dibromoethane | ND 0.10 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| 1,2-Dichlorobenzene | ND 0.095 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| 1,2-Dichloroethane | ND 0.10 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| 1,2-Dichloropropane | ND 0.17 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| 1,3,5-Trimethylbenzene | ND 0.13 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| 1,3-Dichlorobenzene | ND 0.094 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| 1,3-Dichloropropane | ND 0.13 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| 1,4-Dichlorobenzene | ND 0.069 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| 2,2-Dichloropropane | ND 0.10 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| 2-Chlorotoluene | ND 0.10 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| 4-Chlorotoluene | ND 0.083 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| 4-Isopropyltoluene | ND 0.054 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| Benzene | ND 0.11 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| Bromobenzene | ND 0.083 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| Bromodichloromethane | ND 0.11 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| Bromoform | ND 0.18 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| Bromomethane | ND 0.14 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| Carbon tetrachloride | ND 0.12 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| Chlorobenzene | ND 0.11 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| Chloroethane | ND 0.17 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| Chloroform | ND 0.079 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| Chloromethane | ND 0.19 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| cis-1,2-Dichloroethene | ND 0.18 | 0.50 | µg/L 1 9/12/2012 06:16 PM |
| Dibromochloromethane | ND 0.16 | 0.50 | µg/L 1 9/12/2012 06:16 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: 14-Sep-12

CLIENT: ATC Associates Inc.
Lab Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0
Lab ID: N008460-020

Client Sample ID: Equipment Blank
Collection Date: 9/7/2012 7:10:00 AM
Matrix: GROUND WATER

| Analyses | Result | MDL | PQL | Qual | Units | DF | Date Analyzed |
|----------|--------|-----|-----|------|-------|----|---------------|
|----------|--------|-----|-----|------|-------|----|---------------|

VOLATILE ORGANIC COMPOUNDS BY GC/MS

EPA 8260B

| RunID: | MS5_120912A | QC Batch: | P12VW096 | PrepDate: | Analyst: | QBM |
|-----------------------------|-------------|-----------|----------|-----------|----------|--------------------|
| Dibromomethane | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 06:16 PM |
| Dichlorodifluoromethane | ND | 0.057 | 0.50 | µg/L | 1 | 9/12/2012 06:16 PM |
| Ethylbenzene | ND | 0.13 | 0.50 | µg/L | 1 | 9/12/2012 06:16 PM |
| Hexachlorobutadiene | ND | 0.20 | 0.50 | µg/L | 1 | 9/12/2012 06:16 PM |
| Isopropylbenzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 06:16 PM |
| m,p-Xylene | ND | 0.16 | 1.0 | µg/L | 1 | 9/12/2012 06:16 PM |
| Methylene chloride | ND | 0.14 | 2.0 | µg/L | 1 | 9/12/2012 06:16 PM |
| MTBE | ND | 0.089 | 0.50 | µg/L | 1 | 9/12/2012 06:16 PM |
| n-Butylbenzene | ND | 0.070 | 0.50 | µg/L | 1 | 9/12/2012 06:16 PM |
| n-Propylbenzene | ND | 0.076 | 0.50 | µg/L | 1 | 9/12/2012 06:16 PM |
| Naphthalene | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 06:16 PM |
| o-Xylene | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 06:16 PM |
| sec-Butylbenzene | ND | 0.096 | 0.50 | µg/L | 1 | 9/12/2012 06:16 PM |
| Styrene | ND | 0.10 | 0.50 | µg/L | 1 | 9/12/2012 06:16 PM |
| tert-Butylbenzene | ND | 0.11 | 0.50 | µg/L | 1 | 9/12/2012 06:16 PM |
| Tetrachloroethene | ND | 0.19 | 0.50 | µg/L | 1 | 9/12/2012 06:16 PM |
| Toluene | ND | 0.082 | 0.50 | µg/L | 1 | 9/12/2012 06:16 PM |
| trans-1,2-Dichloroethene | ND | 0.13 | 0.50 | µg/L | 1 | 9/12/2012 06:16 PM |
| Trichloroethene | ND | 0.18 | 0.50 | µg/L | 1 | 9/12/2012 06:16 PM |
| Trichlorofluoromethane | ND | 0.19 | 0.50 | µg/L | 1 | 9/12/2012 06:16 PM |
| Vinyl chloride | ND | 0.23 | 0.50 | µg/L | 1 | 9/12/2012 06:16 PM |
| Surr: 1,2-Dichloroethane-d4 | 87.4 | 0 | 56-120 | %REC | 1 | 9/12/2012 06:16 PM |
| Surr: 4-Bromofluorobenzene | 96.5 | 0 | 80-120 | %REC | 1 | 9/12/2012 06:16 PM |
| Surr: Dibromofluoromethane | 92.2 | 0 | 72-120 | %REC | 1 | 9/12/2012 06:16 PM |
| Surr: Toluene-d8 | 100 | 0 | 80-123 | %REC | 1 | 9/12/2012 06:16 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

CLIENT: ATC Associates Inc.
Work Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0

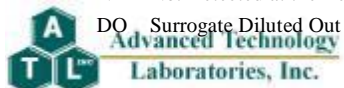
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

| Sample ID: P120911LCS | SampType: LCS | TestCode: 8260_WP_LL | Units: µg/L | Prep Date: | RunNo: 85514 | | | | | | |
|------------------------------|---------------------------|-----------------------------|---------------------------------|-----------------------|---------------------|----------|-----------|-------------|------|----------|------|
| Client ID: LCSW | Batch ID: P12VW095 | TestNo: EPA 8260B | Analysis Date: 9/11/2012 | SeqNo: 1440767 | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| 1,1,1,2-Tetrachloroethane | 18.770 | 0.50 | 20.00 | 0 | 93.8 | 74 | 122 | | | | |
| 1,1,1-Trichloroethane | 17.440 | 0.50 | 20.00 | 0 | 87.2 | 65 | 120 | | | | |
| 1,1,2,2-Tetrachloroethane | 17.320 | 0.50 | 20.00 | 0 | 86.6 | 80 | 120 | | | | |
| 1,1,2-Trichloroethane | 16.630 | 0.50 | 20.00 | 0 | 83.2 | 80 | 120 | | | | |
| 1,1-Dichloroethane | 16.120 | 0.50 | 20.00 | 0 | 80.6 | 80 | 120 | | | | |
| 1,1-Dichloroethene | 18.570 | 0.50 | 20.00 | 0 | 92.8 | 80 | 120 | | | | |
| 1,1-Dichloropropene | 17.500 | 0.50 | 20.00 | 0 | 87.5 | 80 | 120 | | | | |
| 1,2,3-Trichlorobenzene | 22.130 | 0.50 | 20.00 | 0 | 111 | 80 | 124 | | | | |
| 1,2,3-Trichloropropane | 16.870 | 0.50 | 20.00 | 0 | 84.4 | 80 | 120 | | | | |
| 1,2,4-Trichlorobenzene | 21.160 | 0.50 | 20.00 | 0 | 106 | 80 | 126 | | | | |
| 1,2,4-Trimethylbenzene | 19.780 | 0.50 | 20.00 | 0 | 98.9 | 80 | 123 | | | | |
| 1,2-Dibromo-3-chloropropane | 18.310 | 1.0 | 20.00 | 0 | 91.6 | 70 | 120 | | | | |
| 1,2-Dibromoethane | 17.640 | 0.50 | 20.00 | 0 | 88.2 | 80 | 120 | | | | |
| 1,2-Dichlorobenzene | 19.500 | 0.50 | 20.00 | 0 | 97.5 | 80 | 120 | | | | |
| 1,2-Dichloroethane | 17.440 | 0.50 | 20.00 | 0 | 87.2 | 80 | 120 | | | | |
| 1,2-Dichloropropane | 16.400 | 0.50 | 20.00 | 0 | 82.0 | 80 | 120 | | | | |
| 1,3,5-Trimethylbenzene | 19.420 | 0.50 | 20.00 | 0 | 97.1 | 80 | 121 | | | | |
| 1,3-Dichlorobenzene | 19.690 | 0.50 | 20.00 | 0 | 98.4 | 80 | 120 | | | | |
| 1,3-Dichloropropane | 17.860 | 0.50 | 20.00 | 0 | 89.3 | 80 | 120 | | | | |
| 1,4-Dichlorobenzene | 19.100 | 0.50 | 20.00 | 0 | 95.5 | 80 | 120 | | | | |
| 2,2-Dichloropropane | 19.530 | 0.50 | 20.00 | 0 | 97.6 | 54 | 120 | | | | |
| 2-Chlorotoluene | 18.540 | 0.50 | 20.00 | 0 | 92.7 | 80 | 122 | | | | |
| 4-Chlorotoluene | 18.440 | 0.50 | 20.00 | 0 | 92.2 | 80 | 120 | | | | |
| 4-Isopropyltoluene | 20.230 | 0.50 | 20.00 | 0 | 101 | 80 | 122 | | | | |
| Benzene | 18.010 | 0.50 | 20.00 | 0 | 90.1 | 80 | 120 | | | | |
| Bromobenzene | 19.970 | 0.50 | 20.00 | 0 | 99.8 | 80 | 120 | | | | |
| Bromodichloromethane | 17.160 | 0.50 | 20.00 | 0 | 85.8 | 70 | 120 | | | | |
| Bromoform | 19.410 | 0.50 | 20.00 | 0 | 97.0 | 66 | 120 | | | | |
| Bromomethane | 12.640 | 0.50 | 20.00 | 0 | 63.2 | 48 | 155 | | | | |

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- 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: N008460
Project: Maryland Square Shopping Center, 085.42620.0

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

| Sample ID: P120911LCS | SampType: LCS | TestCode: 8260_WP_LL | Units: µg/L | Prep Date: | RunNo: 85514 | | | | | | |
|------------------------------|---------------------------|-----------------------------|--------------------|---------------------------------|-----------------------|----------|-----------|-------------|------|----------|------|
| Client ID: LCSW | Batch ID: P12VW095 | TestNo: EPA 8260B | | Analysis Date: 9/11/2012 | SeqNo: 1440767 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Carbon tetrachloride | 18.680 | 0.50 | 20.00 | 0 | 93.4 | 60 | 120 | | | | |
| Chlorobenzene | 19.310 | 0.50 | 20.00 | 0 | 96.6 | 80 | 120 | | | | |
| Chloroethane | 17.480 | 0.50 | 20.00 | 0 | 87.4 | 62 | 147 | | | | |
| Chloroform | 16.650 | 0.50 | 20.00 | 0 | 83.3 | 80 | 120 | | | | |
| cis-1,2-Dichloroethene | 16.820 | 0.50 | 20.00 | 0 | 84.1 | 80 | 120 | | | | |
| Dibromochloromethane | 18.810 | 0.50 | 20.00 | 0 | 94.1 | 67 | 123 | | | | |
| Dibromomethane | 17.720 | 0.50 | 20.00 | 0 | 88.6 | 80 | 120 | | | | |
| Dichlorodifluoromethane | 17.320 | 0.50 | 20.00 | 0 | 86.6 | 70 | 121 | | | | |
| Ethylbenzene | 18.520 | 0.50 | 20.00 | 0 | 92.6 | 80 | 120 | | | | |
| Hexachlorobutadiene | 20.370 | 0.50 | 20.00 | 0 | 102 | 80 | 123 | | | | |
| Isopropylbenzene | 19.210 | 0.50 | 20.00 | 0 | 96.0 | 80 | 121 | | | | |
| m,p-Xylene | 38.330 | 1.0 | 40.00 | 0 | 95.8 | 80 | 120 | | | | |
| Methylene chloride | 15.390 | 2.0 | 20.00 | 0 | 77.0 | 75 | 120 | | | | |
| MTBE | 17.310 | 0.50 | 20.00 | 0 | 86.6 | 70 | 120 | | | | |
| n-Butylbenzene | 18.620 | 0.50 | 20.00 | 0 | 93.1 | 80 | 129 | | | | |
| n-Propylbenzene | 18.790 | 0.50 | 20.00 | 0 | 94.0 | 80 | 122 | | | | |
| Naphthalene | 21.650 | 0.50 | 20.00 | 0 | 108 | 73 | 127 | | | | |
| o-Xylene | 19.500 | 0.50 | 20.00 | 0 | 97.5 | 80 | 120 | | | | |
| sec-Butylbenzene | 19.870 | 0.50 | 20.00 | 0 | 99.4 | 80 | 120 | | | | |
| Styrene | 20.610 | 0.50 | 20.00 | 0 | 103 | 80 | 120 | | | | |
| Tert-amyl methyl ether | 17.660 | 0.50 | 20.00 | 0 | 88.3 | 74 | 120 | | | | |
| Tetrachloroethene | 18.210 | 0.50 | 20.00 | 0 | 91.1 | 80 | 121 | | | | |
| Toluene | 18.940 | 0.50 | 20.00 | 0 | 94.7 | 80 | 120 | | | | |
| trans-1,2-Dichloroethene | 17.690 | 0.50 | 20.00 | 0 | 88.4 | 80 | 120 | | | | |
| Trichloroethene | 19.030 | 0.50 | 20.00 | 0 | 95.2 | 80 | 120 | | | | |
| Trichlorofluoromethane | 18.160 | 0.50 | 20.00 | 0 | 90.8 | 71 | 148 | | | | |
| Vinyl chloride | 17.440 | 0.50 | 20.00 | 0 | 87.2 | 80 | 120 | | | | |
| Surr: 1,2-Dichloroethane-d4 | 21.060 | | 25.00 | | 84.2 | 56 | 120 | | | | |
| Surr: 4-Bromofluorobenzene | 25.350 | | 25.00 | | 101 | 80 | 120 | | | | |
| Surr: Dibromofluoromethane | 21.890 | | 25.00 | | 87.6 | 72 | 120 | | | | |

Qualifiers:

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



CLIENT: ATC Associates Inc.
Work Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0

ANALYTICAL QC SUMMARY REPORT

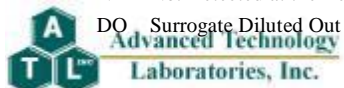
TestCode: 8260_WP_LL

| | | | | | | | | | | | |
|------------------------------|---------------------------|-----------------------------|---------------------------------|-----------------------|---------------------|----------|-----------|-------------|------|----------|------|
| Sample ID: P120911LCS | SampType: LCS | TestCode: 8260_WP_LL | Units: µg/L | Prep Date: | RunNo: 85514 | | | | | | |
| Client ID: LCSW | Batch ID: P12VW095 | TestNo: EPA 8260B | Analysis Date: 9/11/2012 | SeqNo: 1440768 | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Surr: Toluene-d8 | 24.820 | | 25.00 | | 99.3 | 80 | 123 | | | | |

| | | | | | | | | | | | |
|-------------------------------|---------------------------|-----------------------------|---------------------------------|-----------------------|---------------------|----------|-----------|-------------|-------|----------|------|
| Sample ID: P120911LCSD | SampType: LCSD | TestCode: 8260_WP_LL | Units: µg/L | Prep Date: | RunNo: 85514 | | | | | | |
| Client ID: LCSS02 | Batch ID: P12VW095 | TestNo: EPA 8260B | Analysis Date: 9/11/2012 | SeqNo: 1440768 | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| 1,1,1,2-Tetrachloroethane | 18.770 | 0.50 | 20.00 | 0 | 93.8 | 74 | 122 | 18.77 | 0 | 20 | |
| 1,1,1-Trichloroethane | 17.370 | 0.50 | 20.00 | 0 | 86.9 | 65 | 120 | 17.44 | 0.402 | 20 | |
| 1,1,2,2-Tetrachloroethane | 17.590 | 0.50 | 20.00 | 0 | 88.0 | 80 | 120 | 17.32 | 1.55 | 20 | |
| 1,1,2-Trichloroethane | 16.800 | 0.50 | 20.00 | 0 | 84.0 | 80 | 120 | 16.63 | 1.02 | 20 | |
| 1,1-Dichloroethane | 16.830 | 0.50 | 20.00 | 0 | 84.2 | 80 | 120 | 16.12 | 4.31 | 20 | |
| 1,1-Dichloroethene | 18.700 | 0.50 | 20.00 | 0 | 93.5 | 80 | 120 | 18.57 | 0.698 | 20 | |
| 1,1-Dichloropropene | 17.390 | 0.50 | 20.00 | 0 | 87.0 | 80 | 120 | 17.50 | 0.631 | 20 | |
| 1,2,3-Trichlorobenzene | 21.860 | 0.50 | 20.00 | 0 | 109 | 80 | 124 | 22.13 | 1.23 | 20 | |
| 1,2,3-Trichloropropane | 16.950 | 0.50 | 20.00 | 0 | 84.8 | 80 | 120 | 16.87 | 0.473 | 20 | |
| 1,2,4-Trichlorobenzene | 21.090 | 0.50 | 20.00 | 0 | 105 | 80 | 126 | 21.16 | 0.331 | 20 | |
| 1,2,4-Trimethylbenzene | 19.640 | 0.50 | 20.00 | 0 | 98.2 | 80 | 123 | 19.78 | 0.710 | 20 | |
| 1,2-Dibromo-3-chloropropane | 19.110 | 1.0 | 20.00 | 0 | 95.6 | 70 | 120 | 18.31 | 4.28 | 20 | |
| 1,2-Dibromoethane | 18.030 | 0.50 | 20.00 | 0 | 90.2 | 80 | 120 | 17.64 | 2.19 | 20 | |
| 1,2-Dichlorobenzene | 19.290 | 0.50 | 20.00 | 0 | 96.5 | 80 | 120 | 19.50 | 1.08 | 20 | |
| 1,2-Dichloroethane | 17.920 | 0.50 | 20.00 | 0 | 89.6 | 80 | 120 | 17.44 | 2.71 | 20 | |
| 1,2-Dichloropropane | 16.820 | 0.50 | 20.00 | 0 | 84.1 | 80 | 120 | 16.40 | 2.53 | 20 | |
| 1,3,5-Trimethylbenzene | 19.320 | 0.50 | 20.00 | 0 | 96.6 | 80 | 121 | 19.42 | 0.516 | 20 | |
| 1,3-Dichlorobenzene | 19.000 | 0.50 | 20.00 | 0 | 95.0 | 80 | 120 | 19.69 | 3.57 | 20 | |
| 1,3-Dichloropropane | 18.250 | 0.50 | 20.00 | 0 | 91.2 | 80 | 120 | 17.86 | 2.16 | 20 | |
| 1,4-Dichlorobenzene | 18.880 | 0.50 | 20.00 | 0 | 94.4 | 80 | 120 | 19.10 | 1.16 | 20 | |
| 2,2-Dichloropropane | 18.700 | 0.50 | 20.00 | 0 | 93.5 | 54 | 120 | 19.53 | 4.34 | 20 | |
| 2-Chlorotoluene | 18.500 | 0.50 | 20.00 | 0 | 92.5 | 80 | 122 | 18.54 | 0.216 | 20 | |
| 4-Chlorotoluene | 18.520 | 0.50 | 20.00 | 0 | 92.6 | 80 | 120 | 18.44 | 0.433 | 20 | |
| 4-Isopropyltoluene | 19.830 | 0.50 | 20.00 | 0 | 99.2 | 80 | 122 | 20.23 | 2.00 | 20 | |

Qualifiers:

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



CLIENT: ATC Associates Inc.
Work Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

| Sample ID: P120911LCSD | SampType: LCSD | TestCode: 8260_WP_LL | Units: µg/L | Prep Date: | RunNo: 85514 | | | | | | |
|-------------------------------|---------------------------|-----------------------------|--------------------|---------------------------------|-----------------------|----------|-----------|-------------|-------|----------|------|
| Client ID: LCSS02 | Batch ID: P12VW095 | TestNo: EPA 8260B | | Analysis Date: 9/11/2012 | SeqNo: 1440768 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Benzene | 17.970 | 0.50 | 20.00 | 0 | 89.8 | 80 | 120 | 18.01 | 0.222 | 20 | |
| Bromobenzene | 19.600 | 0.50 | 20.00 | 0 | 98.0 | 80 | 120 | 19.97 | 1.87 | 20 | |
| Bromodichloromethane | 17.190 | 0.50 | 20.00 | 0 | 86.0 | 70 | 120 | 17.16 | 0.175 | 20 | |
| Bromoform | 19.640 | 0.50 | 20.00 | 0 | 98.2 | 66 | 120 | 19.41 | 1.18 | 20 | |
| Bromomethane | 13.260 | 0.50 | 20.00 | 0 | 66.3 | 48 | 155 | 12.64 | 4.79 | 20 | |
| Carbon tetrachloride | 18.680 | 0.50 | 20.00 | 0 | 93.4 | 60 | 120 | 18.68 | 0 | 20 | |
| Chlorobenzene | 18.850 | 0.50 | 20.00 | 0 | 94.3 | 80 | 120 | 19.31 | 2.41 | 20 | |
| Chloroethane | 18.820 | 0.50 | 20.00 | 0 | 94.1 | 62 | 147 | 17.48 | 7.38 | 20 | |
| Chloroform | 16.860 | 0.50 | 20.00 | 0 | 84.3 | 80 | 120 | 16.65 | 1.25 | 20 | |
| cis-1,2-Dichloroethene | 17.550 | 0.50 | 20.00 | 0 | 87.8 | 80 | 120 | 16.82 | 4.25 | 20 | |
| Dibromochloromethane | 19.000 | 0.50 | 20.00 | 0 | 95.0 | 67 | 123 | 18.81 | 1.01 | 20 | |
| Dibromomethane | 18.130 | 0.50 | 20.00 | 0 | 90.7 | 80 | 120 | 17.72 | 2.29 | 20 | |
| Dichlorodifluoromethane | 17.890 | 0.50 | 20.00 | 0 | 89.4 | 70 | 121 | 17.32 | 3.24 | 20 | |
| Ethylbenzene | 18.840 | 0.50 | 20.00 | 0 | 94.2 | 80 | 120 | 18.52 | 1.71 | 20 | |
| Hexachlorobutadiene | 20.160 | 0.50 | 20.00 | 0 | 101 | 80 | 123 | 20.37 | 1.04 | 20 | |
| Isopropylbenzene | 19.060 | 0.50 | 20.00 | 0 | 95.3 | 80 | 121 | 19.21 | 0.784 | 20 | |
| m,p-Xylene | 38.540 | 1.0 | 40.00 | 0 | 96.4 | 80 | 120 | 38.33 | 0.546 | 20 | |
| Methylene chloride | 15.700 | 2.0 | 20.00 | 0 | 78.5 | 75 | 120 | 15.39 | 1.99 | 20 | |
| MTBE | 17.710 | 0.50 | 20.00 | 0 | 88.6 | 70 | 120 | 17.31 | 2.28 | 20 | |
| n-Butylbenzene | 18.290 | 0.50 | 20.00 | 0 | 91.4 | 80 | 129 | 18.62 | 1.79 | 20 | |
| n-Propylbenzene | 18.790 | 0.50 | 20.00 | 0 | 94.0 | 80 | 122 | 18.79 | 0 | 20 | |
| Naphthalene | 21.450 | 0.50 | 20.00 | 0 | 107 | 73 | 127 | 21.65 | 0.928 | 20 | |
| o-Xylene | 19.850 | 0.50 | 20.00 | 0 | 99.2 | 80 | 120 | 19.50 | 1.78 | 20 | |
| sec-Butylbenzene | 19.280 | 0.50 | 20.00 | 0 | 96.4 | 80 | 120 | 19.87 | 3.01 | 20 | |
| Styrene | 20.230 | 0.50 | 20.00 | 0 | 101 | 80 | 120 | 20.61 | 1.86 | 20 | |
| tert-Butylbenzene | 19.410 | 0.50 | 20.00 | 0 | 97.0 | 80 | 120 | 19.65 | 1.23 | 20 | |
| Tetrachloroethene | 17.960 | 0.50 | 20.00 | 0 | 89.8 | 80 | 121 | 18.21 | 1.38 | 20 | |
| Toluene | 19.080 | 0.50 | 20.00 | 0 | 95.4 | 80 | 120 | 18.94 | 0.736 | 20 | |
| trans-1,2-Dichloroethene | 18.300 | 0.50 | 20.00 | 0 | 91.5 | 80 | 120 | 17.69 | 3.39 | 20 | |
| Trichloroethene | 19.260 | 0.50 | 20.00 | 0 | 96.3 | 80 | 120 | 19.03 | 1.20 | 20 | |

Qualifiers:

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



CLIENT: ATC Associates Inc.
Work Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

| Sample ID: P120911LCSD | | SampType: LCSD | | TestCode: 8260_WP_LL | | Units: µg/L | | Prep Date: | | RunNo: 85514 | |
|-------------------------------|--------|---------------------------|-----------|-----------------------------|------|---------------------------------|-----------|-----------------------|-------|---------------------|------|
| Client ID: LCSS02 | | Batch ID: P12VW095 | | TestNo: EPA 8260B | | Analysis Date: 9/11/2012 | | SeqNo: 1440768 | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Trichlorofluoromethane | 18.250 | 0.50 | 20.00 | 0 | 91.2 | 71 | 148 | 18.16 | 0.494 | 20 | |
| Vinyl chloride | 18.440 | 0.50 | 20.00 | 0 | 92.2 | 80 | 120 | 17.44 | 5.57 | 20 | |
| Surr: 1,2-Dichloroethane-d4 | 22.040 | | 25.00 | | 88.2 | 56 | 120 | | 0 | | |
| Surr: 4-Bromofluorobenzene | 25.800 | | 25.00 | | 103 | 80 | 120 | | 0 | | |
| Surr: Dibromofluoromethane | 22.270 | | 25.00 | | 89.1 | 72 | 120 | | 0 | | |
| Surr: Toluene-d8 | 25.840 | | 25.00 | | 103 | 80 | 123 | | 0 | | |

| Sample ID: P120911MB2 | | SampType: MBLK | | TestCode: 8260_WP_LL | | Units: µg/L | | Prep Date: | | RunNo: 85514 | |
|------------------------------|--------|---------------------------|-----------|-----------------------------|------|---------------------------------|-----------|-----------------------|------|---------------------|------|
| Client ID: PBW | | Batch ID: P12VW095 | | TestNo: EPA 8260B | | Analysis Date: 9/11/2012 | | SeqNo: 1440769 | | | |
| 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 | | | | | | | | | |
| 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 | | | | | | | | | |

Qualifiers:

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



CLIENT: ATC Associates Inc.
Work Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0

ANALYTICAL QC SUMMARY REPORT

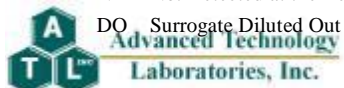
TestCode: 8260_WP_LL

| | | | | | |
|------------------------------|---------------------------|-----------------------------|--------------------|---------------------------------|-----------------------|
| Sample ID: P120911MB2 | SampType: MBLK | TestCode: 8260_WP_LL | Units: µg/L | Prep Date: | RunNo: 85514 |
| Client ID: PBW | Batch ID: P12VW095 | TestNo: EPA 8260B | | Analysis Date: 9/11/2012 | SeqNo: 1440769 |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|-------------------------|--------|------|-----------|-------------|------|----------|-----------|-------------|------|----------|------|
| 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 | | | | | | | | | |
| Methylene chloride | ND | 2.0 | | | | | | | | | |
| 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 | | | | | | | | | |

Qualifiers:

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



CLIENT: ATC Associates Inc.
Work Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

| Sample ID: P120911MB2 | SampType: MBLK | TestCode: 8260_WP_LL | Units: µg/L | Prep Date: | RunNo: 85514 | | | | | | |
|------------------------------|---------------------------|-----------------------------|--------------------|---------------------------------|-----------------------|----------|-----------|-------------|------|----------|------|
| Client ID: PBW | Batch ID: P12VW095 | TestNo: EPA 8260B | | Analysis Date: 9/11/2012 | SeqNo: 1440769 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| 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 | 22.530 | | 25.00 | | 90.1 | 56 | 120 | | | | |
| Surr: 4-Bromofluorobenzene | 24.350 | | 25.00 | | 97.4 | 80 | 120 | | | | |
| Surr: Dibromofluoromethane | 23.530 | | 25.00 | | 94.1 | 72 | 120 | | | | |
| Surr: Toluene-d8 | 25.210 | | 25.00 | | 101 | 80 | 123 | | | | |

Qualifiers:

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



CLIENT: ATC Associates Inc.
Work Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

| Sample ID: P120912LCS | SampType: LCS | TestCode: 8260_WP_LL | Units: µg/L | Prep Date: | RunNo: 85533 | | | | | | |
|------------------------------|---------------------------|-----------------------------|--------------------|---------------------------------|-----------------------|----------|-----------|-------------|------|----------|------|
| Client ID: LCSW | Batch ID: P12VW096 | TestNo: EPA 8260B | | Analysis Date: 9/12/2012 | SeqNo: 1442014 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| 1,1,1,2-Tetrachloroethane | 19.570 | 0.50 | 20.00 | 0 | 97.9 | 74 | 122 | | | | |
| 1,1,1-Trichloroethane | 17.930 | 0.50 | 20.00 | 0 | 89.7 | 65 | 120 | | | | |
| 1,1,2,2-Tetrachloroethane | 19.290 | 0.50 | 20.00 | 0 | 96.5 | 80 | 120 | | | | |
| 1,1,2-Trichloroethane | 18.050 | 0.50 | 20.00 | 0 | 90.3 | 80 | 120 | | | | |
| 1,1-Dichloroethane | 17.150 | 0.50 | 20.00 | 0 | 85.8 | 80 | 120 | | | | |
| 1,1-Dichloroethene | 19.420 | 0.50 | 20.00 | 0 | 97.1 | 80 | 120 | | | | |
| 1,1-Dichloropropene | 18.410 | 0.50 | 20.00 | 0 | 92.0 | 80 | 120 | | | | |
| 1,2,3-Trichlorobenzene | 23.580 | 0.50 | 20.00 | 0 | 118 | 80 | 124 | | | | |
| 1,2,3-Trichloropropane | 18.570 | 0.50 | 20.00 | 0 | 92.8 | 80 | 120 | | | | |
| 1,2,4-Trichlorobenzene | 22.610 | 0.50 | 20.00 | 0 | 113 | 80 | 126 | | | | |
| 1,2,4-Trimethylbenzene | 21.320 | 0.50 | 20.00 | 0 | 107 | 80 | 123 | | | | |
| 1,2-Dibromo-3-chloropropane | 20.540 | 1.0 | 20.00 | 0 | 103 | 70 | 120 | | | | |
| 1,2-Dibromoethane | 18.670 | 0.50 | 20.00 | 0 | 93.4 | 80 | 120 | | | | |
| 1,2-Dichlorobenzene | 20.920 | 0.50 | 20.00 | 0 | 105 | 80 | 120 | | | | |
| 1,2-Dichloroethane | 18.450 | 0.50 | 20.00 | 0 | 92.2 | 80 | 120 | | | | |
| 1,2-Dichloropropane | 17.350 | 0.50 | 20.00 | 0 | 86.8 | 80 | 120 | | | | |
| 1,3,5-Trimethylbenzene | 21.290 | 0.50 | 20.00 | 0 | 106 | 80 | 121 | | | | |
| 1,3-Dichlorobenzene | 20.890 | 0.50 | 20.00 | 0 | 104 | 80 | 120 | | | | |
| 1,3-Dichloropropane | 18.620 | 0.50 | 20.00 | 0 | 93.1 | 80 | 120 | | | | |
| 1,4-Dichlorobenzene | 20.530 | 0.50 | 20.00 | 0 | 103 | 80 | 120 | | | | |
| 2,2-Dichloropropane | 19.970 | 0.50 | 20.00 | 0 | 99.8 | 54 | 120 | | | | |
| 2-Chlorotoluene | 20.110 | 0.50 | 20.00 | 0 | 101 | 80 | 122 | | | | |
| 4-Chlorotoluene | 20.170 | 0.50 | 20.00 | 0 | 101 | 80 | 120 | | | | |
| 4-Isopropyltoluene | 21.980 | 0.50 | 20.00 | 0 | 110 | 80 | 122 | | | | |
| Benzene | 19.270 | 0.50 | 20.00 | 0 | 96.4 | 80 | 120 | | | | |
| Bromobenzene | 21.440 | 0.50 | 20.00 | 0 | 107 | 80 | 120 | | | | |
| Bromodichloromethane | 18.480 | 0.50 | 20.00 | 0 | 92.4 | 70 | 120 | | | | |
| Bromoform | 20.020 | 0.50 | 20.00 | 0 | 100 | 66 | 120 | | | | |
| Bromomethane | 14.920 | 0.50 | 20.00 | 0 | 74.6 | 48 | 155 | | | | |
| Carbon tetrachloride | 19.540 | 0.50 | 20.00 | 0 | 97.7 | 60 | 120 | | | | |

Qualifiers:

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



CLIENT: ATC Associates Inc.
Work Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

| Sample ID: P120912LCS | SampType: LCS | TestCode: 8260_WP_LL | Units: µg/L | Prep Date: | RunNo: 85533 | | | | | | |
|------------------------------|---------------------------|-----------------------------|--------------------|---------------------------------|-----------------------|----------|-----------|-------------|------|----------|------|
| Client ID: LCSW | Batch ID: P12VW096 | TestNo: EPA 8260B | | Analysis Date: 9/12/2012 | SeqNo: 1442014 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Chlorobenzene | 19.840 | 0.50 | 20.00 | 0 | 99.2 | 80 | 120 | | | | |
| Chloroethane | 19.180 | 0.50 | 20.00 | 0 | 95.9 | 62 | 147 | | | | |
| Chloroform | 17.540 | 0.50 | 20.00 | 0 | 87.7 | 80 | 120 | | | | |
| Chloromethane | 13.500 | 0.50 | 20.00 | 0 | 67.5 | 63 | 121 | | | | |
| cis-1,2-Dichloroethene | 17.840 | 0.50 | 20.00 | 0 | 89.2 | 80 | 120 | | | | |
| Dibromochloromethane | 19.170 | 0.50 | 20.00 | 0 | 95.9 | 67 | 123 | | | | |
| Dibromomethane | 19.200 | 0.50 | 20.00 | 0 | 96.0 | 80 | 120 | | | | |
| Dichlorodifluoromethane | 18.220 | 0.50 | 20.00 | 0 | 91.1 | 70 | 121 | | | | |
| Ethylbenzene | 19.640 | 0.50 | 20.00 | 0 | 98.2 | 80 | 120 | | | | |
| Hexachlorobutadiene | 21.870 | 0.50 | 20.00 | 0 | 109 | 80 | 123 | | | | |
| Isopropylbenzene | 20.710 | 0.50 | 20.00 | 0 | 104 | 80 | 121 | | | | |
| m,p-Xylene | 40.120 | 1.0 | 40.00 | 0 | 100 | 80 | 120 | | | | |
| Methylene chloride | 16.420 | 2.0 | 20.00 | 0 | 82.1 | 75 | 120 | | | | |
| MTBE | 18.130 | 0.50 | 20.00 | 0 | 90.7 | 70 | 120 | | | | |
| n-Butylbenzene | 19.880 | 0.50 | 20.00 | 0 | 99.4 | 80 | 129 | | | | |
| n-Propylbenzene | 20.630 | 0.50 | 20.00 | 0 | 103 | 80 | 122 | | | | |
| Naphthalene | 23.020 | 0.50 | 20.00 | 0 | 115 | 73 | 127 | | | | |
| o-Xylene | 20.510 | 0.50 | 20.00 | 0 | 103 | 80 | 120 | | | | |
| sec-Butylbenzene | 21.090 | 0.50 | 20.00 | 0 | 105 | 80 | 120 | | | | |
| Styrene | 21.220 | 0.50 | 20.00 | 0 | 106 | 80 | 120 | | | | |
| tert-Butylbenzene | 21.130 | 0.50 | 20.00 | 0 | 106 | 80 | 120 | | | | |
| Tetrachloroethene | 18.670 | 0.50 | 20.00 | 0 | 93.4 | 80 | 121 | | | | |
| Toluene | 20.230 | 0.50 | 20.00 | 0 | 101 | 80 | 120 | | | | |
| trans-1,2-Dichloroethene | 18.380 | 0.50 | 20.00 | 0 | 91.9 | 80 | 120 | | | | |
| Trichloroethene | 20.020 | 0.50 | 20.00 | 0 | 100 | 80 | 120 | | | | |
| Trichlorofluoromethane | 19.070 | 0.50 | 20.00 | 0 | 95.4 | 71 | 148 | | | | |
| Vinyl chloride | 18.690 | 0.50 | 20.00 | 0 | 93.5 | 80 | 120 | | | | |
| Surr: 1,2-Dichloroethane-d4 | 21.790 | | 25.00 | | 87.2 | 56 | 120 | | | | |
| Surr: 4-Bromofluorobenzene | 24.910 | | 25.00 | | 99.6 | 80 | 120 | | | | |
| Surr: Dibromofluoromethane | 22.270 | | 25.00 | | 89.1 | 72 | 120 | | | | |

Qualifiers:

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



CLIENT: ATC Associates Inc.
Work Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

| | | | | | | | | | | | |
|------------------------------|---------------------------|-----------------------------|--------------------|---------------------------------|-----------------------|----------|-----------|-------------|------|----------|------|
| Sample ID: P120912LCS | SampType: LCS | TestCode: 8260_WP_LL | Units: µg/L | Prep Date: | RunNo: 85533 | | | | | | |
| Client ID: LCSW | Batch ID: P12VW096 | TestNo: EPA 8260B | | Analysis Date: 9/12/2012 | SeqNo: 1442014 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Surr: Toluene-d8 | 25.260 | | 25.00 | | 101 | 80 | 123 | | | | |

| | | | | | | | | | | | |
|------------------------------|---------------------------|-----------------------------|--------------------|---------------------------------|-----------------------|----------|-----------|-------------|------|----------|------|
| Sample ID: P120912MB2 | SampType: MBLK | TestCode: 8260_WP_LL | Units: µg/L | Prep Date: | RunNo: 85533 | | | | | | |
| Client ID: PBW | Batch ID: P12VW096 | TestNo: EPA 8260B | | Analysis Date: 9/12/2012 | SeqNo: 1442015 | | | | | | |
| 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 | | | | | | | | | |
| 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 | | | | | | | | | |

Qualifiers:

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



**Advanced Technology
Laboratories, Inc.**

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

CLIENT: ATC Associates Inc.
Work Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

| Sample ID: P120912MB2 | SampType: MBLK | TestCode: 8260_WP_LL | Units: µg/L | Prep Date: | RunNo: 85533 | | | | | | |
|------------------------------|---------------------------|-----------------------------|--------------------|---------------------------------|-----------------------|----------|-----------|-------------|------|----------|------|
| Client ID: PBW | Batch ID: P12VW096 | TestNo: EPA 8260B | | Analysis Date: 9/12/2012 | SeqNo: 1442015 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| 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 | | | | | | | | | |
| Methylene chloride | ND | 2.0 | | | | | | | | | |
| 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 | | | | | | | | | |

Qualifiers:

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



CLIENT: ATC Associates Inc.
Work Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

| | | | | | |
|------------------------------|---------------------------|-----------------------------|--------------------|---------------------------------|-----------------------|
| Sample ID: P120912MB2 | SampType: MBLK | TestCode: 8260_WP_LL | Units: µg/L | Prep Date: | RunNo: 85533 |
| Client ID: PBW | Batch ID: P12VW096 | TestNo: EPA 8260B | | Analysis Date: 9/12/2012 | SeqNo: 1442015 |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|-----------------------------|--------|------|-----------|-------------|------|----------|-----------|-------------|------|----------|------|
| Trichloroethene | ND | 0.50 | | | | | | | | | |
| Trichlorofluoromethane | ND | 0.50 | | | | | | | | | |
| Vinyl chloride | ND | 0.50 | | | | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 22.380 | | 25.00 | | 89.5 | 56 | 120 | | | | |
| Surr: 4-Bromofluorobenzene | 24.330 | | 25.00 | | 97.3 | 80 | 120 | | | | |
| Surr: Dibromofluoromethane | 22.930 | | 25.00 | | 91.7 | 72 | 120 | | | | |
| Surr: Toluene-d8 | 25.390 | | 25.00 | | 102 | 80 | 123 | | | | |

| | | | | | |
|----------------------------------|---------------------------|-----------------------------|--------------------|---------------------------------|-----------------------|
| Sample ID: N008459-012DMS | SampType: MS | TestCode: 8260_WP_LL | Units: µg/L | Prep Date: | RunNo: 85533 |
| Client ID: ZZZZZ | Batch ID: P12VW096 | TestNo: EPA 8260B | | Analysis Date: 9/12/2012 | SeqNo: 1442020 |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|-----------------------------|--------|------|-----------|-------------|------|----------|-----------|-------------|------|----------|------|
| 1,1,1,2-Tetrachloroethane | 17.540 | 0.50 | 20.00 | 0 | 87.7 | 70 | 120 | | | | |
| 1,1,1-Trichloroethane | 14.730 | 0.50 | 20.00 | 0 | 73.6 | 68 | 120 | | | | |
| 1,1,2,2-Tetrachloroethane | 17.810 | 0.50 | 20.00 | 0 | 89.0 | 69 | 120 | | | | |
| 1,1,2-Trichloroethane | 16.570 | 0.50 | 20.00 | 0 | 82.8 | 71 | 120 | | | | |
| 1,1-Dichloroethane | 14.450 | 0.50 | 20.00 | 0 | 72.3 | 77 | 120 | | | | S |
| 1,1-Dichloroethene | 15.150 | 0.50 | 20.00 | 0 | 75.8 | 80 | 120 | | | | S |
| 1,1-Dichloropropene | 14.630 | 0.50 | 20.00 | 0 | 73.2 | 80 | 120 | | | | S |
| 1,2,3-Trichlorobenzene | 20.580 | 0.50 | 20.00 | 0 | 103 | 80 | 120 | | | | |
| 1,2,3-Trichloropropane | 17.240 | 0.50 | 20.00 | 0 | 86.2 | 68 | 120 | | | | |
| 1,2,4-Trichlorobenzene | 19.370 | 0.50 | 20.00 | 0 | 96.9 | 80 | 120 | | | | |
| 1,2,4-Trimethylbenzene | 17.760 | 0.50 | 20.00 | 0 | 88.8 | 72 | 131 | | | | |
| 1,2-Dibromo-3-chloropropane | 20.640 | 1.0 | 20.00 | 0 | 103 | 57 | 120 | | | | |
| 1,2-Dibromoethane | 17.250 | 0.50 | 20.00 | 0 | 86.2 | 71 | 120 | | | | |
| 1,2-Dichlorobenzene | 18.470 | 0.50 | 20.00 | 0 | 92.4 | 80 | 120 | | | | |
| 1,2-Dichloroethane | 16.710 | 0.50 | 20.00 | 0 | 83.6 | 72 | 120 | | | | |
| 1,2-Dichloropropane | 15.040 | 0.50 | 20.00 | 0 | 75.2 | 76 | 120 | | | | S |
| 1,3,5-Trimethylbenzene | 17.440 | 0.50 | 20.00 | 0 | 87.2 | 80 | 125 | | | | |
| 1,3-Dichlorobenzene | 17.910 | 0.50 | 20.00 | 0 | 89.6 | 80 | 120 | | | | |

Qualifiers:

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



CLIENT: ATC Associates Inc.
Work Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

| Sample ID: N008459-012DMS | SampType: MS | TestCode: 8260_WP_LL | Units: µg/L | Prep Date: | RunNo: 85533 | | | | | | |
|----------------------------------|---------------------------|-----------------------------|--------------------|---------------------------------|-----------------------|----------|-----------|-------------|------|----------|------|
| Client ID: ZZZZZ | Batch ID: P12VW096 | TestNo: EPA 8260B | | Analysis Date: 9/12/2012 | SeqNo: 1442020 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| 1,3-Dichloropropane | 17.570 | 0.50 | 20.00 | 0 | 87.9 | 70 | 120 | | | | |
| 1,4-Dichlorobenzene | 17.690 | 0.50 | 20.00 | 0 | 88.4 | 80 | 120 | | | | |
| 2,2-Dichloropropane | 15.540 | 0.50 | 20.00 | 0 | 77.7 | 58 | 120 | | | | |
| 2-Chlorotoluene | 16.870 | 0.50 | 20.00 | 0 | 84.4 | 80 | 128 | | | | |
| 4-Chlorotoluene | 16.630 | 0.50 | 20.00 | 0 | 83.2 | 80 | 122 | | | | |
| 4-Isopropyltoluene | 18.270 | 0.50 | 20.00 | 0.9900 | 86.4 | 80 | 127 | | | | |
| Benzene | 16.540 | 0.50 | 20.00 | 0 | 82.7 | 80 | 120 | | | | |
| Bromobenzene | 18.600 | 0.50 | 20.00 | 0 | 93.0 | 80 | 120 | | | | |
| Bromodichloromethane | 16.050 | 0.50 | 20.00 | 0 | 80.2 | 64 | 122 | | | | |
| Bromoform | 19.340 | 0.50 | 20.00 | 0 | 96.7 | 60 | 120 | | | | |
| Bromomethane | 11.980 | 0.50 | 20.00 | 0 | 59.9 | 69 | 129 | | | | S |
| Carbon tetrachloride | 15.160 | 0.50 | 20.00 | 0 | 75.8 | 65 | 120 | | | | |
| Chlorobenzene | 17.720 | 0.50 | 20.00 | 0 | 88.6 | 80 | 120 | | | | |
| Chloroethane | 16.310 | 0.50 | 20.00 | 0 | 81.6 | 56 | 158 | | | | |
| Chloroform | 20.460 | 0.50 | 20.00 | 5.960 | 72.5 | 76 | 120 | | | | S |
| Chloromethane | 11.620 | 0.50 | 20.00 | 0 | 58.1 | 59 | 120 | | | | S |
| cis-1,2-Dichloroethene | 15.580 | 0.50 | 20.00 | 0 | 77.9 | 79 | 120 | | | | S |
| Dibromochloromethane | 17.800 | 0.50 | 20.00 | 0 | 89.0 | 49 | 131 | | | | |
| Dibromomethane | 17.120 | 0.50 | 20.00 | 0 | 85.6 | 73 | 120 | | | | |
| Dichlorodifluoromethane | 11.500 | 0.50 | 20.00 | 0 | 57.5 | 67 | 124 | | | | S |
| Ethylbenzene | 16.680 | 0.50 | 20.00 | 0 | 83.4 | 80 | 120 | | | | |
| Hexachlorobutadiene | 15.730 | 0.50 | 20.00 | 0 | 78.7 | 80 | 130 | | | | S |
| Isopropylbenzene | 16.570 | 0.50 | 20.00 | 0 | 82.8 | 80 | 128 | | | | |
| m,p-Xylene | 35.430 | 1.0 | 40.00 | 0 | 88.6 | 80 | 123 | | | | |
| Methylene chloride | 14.100 | 2.0 | 20.00 | 0 | 70.5 | 67 | 120 | | | | |
| MTBE | 16.150 | 0.50 | 20.00 | 0 | 80.8 | 52 | 120 | | | | |
| n-Butylbenzene | 15.150 | 0.50 | 20.00 | 0 | 75.8 | 80 | 132 | | | | S |
| n-Propylbenzene | 16.630 | 0.50 | 20.00 | 0 | 83.2 | 80 | 130 | | | | |
| Naphthalene | 21.570 | 0.50 | 20.00 | 0 | 108 | 57 | 120 | | | | |
| o-Xylene | 18.040 | 0.50 | 20.00 | 0 | 90.2 | 80 | 120 | | | | |

Qualifiers:

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



CLIENT: ATC Associates Inc.
Work Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0

ANALYTICAL QC SUMMARY REPORT

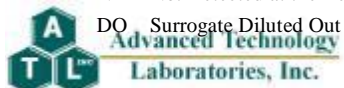
TestCode: 8260_WP_LL

| Sample ID: N008459-012DMS | | SampType: MS | | TestCode: 8260_WP_LL | | Units: µg/L | | Prep Date: | | RunNo: 85533 | |
|----------------------------------|--------|---------------------------|-----------|-----------------------------|------|---------------------------------|-----------|-------------|------|-----------------------|------|
| Client ID: ZZZZZ | | Batch ID: P12VW096 | | TestNo: EPA 8260B | | Analysis Date: 9/12/2012 | | | | SeqNo: 1442020 | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| sec-Butylbenzene | 16.160 | 0.50 | 20.00 | 0 | 80.8 | 80 | 128 | | | | |
| Styrene | 19.040 | 0.50 | 20.00 | 0 | 95.2 | 50 | 136 | | | | |
| tert-Butylbenzene | 16.690 | 0.50 | 20.00 | 0 | 83.4 | 80 | 125 | | | | |
| Tetrachloroethene | 16.010 | 0.50 | 20.00 | 1.230 | 73.9 | 70 | 145 | | | | |
| Toluene | 16.810 | 0.50 | 20.00 | 0 | 84.0 | 80 | 120 | | | | |
| trans-1,2-Dichloroethene | 15.460 | 0.50 | 20.00 | 0 | 77.3 | 80 | 120 | | | | S |
| Trichloroethene | 16.810 | 0.50 | 20.00 | 0 | 84.0 | 80 | 120 | | | | |
| Trichlorofluoromethane | 13.360 | 0.50 | 20.00 | 0 | 66.8 | 67 | 154 | | | | S |
| Vinyl chloride | 14.280 | 0.50 | 20.00 | 0 | 71.4 | 77 | 120 | | | | S |
| Surr: 1,2-Dichloroethane-d4 | 21.500 | | 25.00 | | 86.0 | 56 | 120 | | | | |
| Surr: 4-Bromofluorobenzene | 25.750 | | 25.00 | | 103 | 80 | 120 | | | | |
| Surr: Dibromofluoromethane | 21.510 | | 25.00 | | 86.0 | 72 | 120 | | | | |
| Surr: Toluene-d8 | 24.500 | | 25.00 | | 98.0 | 80 | 123 | | | | |

| Sample ID: N008459-012DMSD | | SampType: MSD | | TestCode: 8260_WP_LL | | Units: µg/L | | Prep Date: | | RunNo: 85533 | |
|-----------------------------------|--------|---------------------------|-----------|-----------------------------|------|---------------------------------|-----------|-------------|-------|-----------------------|------|
| Client ID: ZZZZZ | | Batch ID: P12VW096 | | TestNo: EPA 8260B | | Analysis Date: 9/12/2012 | | | | SeqNo: 1442021 | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| 1,1,1,2-Tetrachloroethane | 17.990 | 0.50 | 20.00 | 0 | 90.0 | 70 | 120 | 17.54 | 2.53 | 20 | |
| 1,1,1-Trichloroethane | 15.290 | 0.50 | 20.00 | 0 | 76.5 | 68 | 120 | 14.73 | 3.73 | 20 | |
| 1,1,2,2-Tetrachloroethane | 17.440 | 0.50 | 20.00 | 0 | 87.2 | 69 | 120 | 17.81 | 2.10 | 20 | |
| 1,1,2-Trichloroethane | 16.540 | 0.50 | 20.00 | 0 | 82.7 | 71 | 120 | 16.57 | 0.181 | 20 | |
| 1,1-Dichloroethane | 15.620 | 0.50 | 20.00 | 0 | 78.1 | 77 | 120 | 14.45 | 7.78 | 20 | |
| 1,1-Dichloroethene | 15.850 | 0.50 | 20.00 | 0 | 79.2 | 80 | 120 | 15.15 | 4.52 | 20 | S |
| 1,1-Dichloropropene | 14.970 | 0.50 | 20.00 | 0 | 74.9 | 80 | 120 | 14.63 | 2.30 | 20 | S |
| 1,2,3-Trichlorobenzene | 20.650 | 0.50 | 20.00 | 0 | 103 | 80 | 120 | 20.58 | 0.340 | 20 | |
| 1,2,3-Trichloropropane | 17.130 | 0.50 | 20.00 | 0 | 85.7 | 68 | 120 | 17.24 | 0.640 | 20 | |
| 1,2,4-Trichlorobenzene | 19.850 | 0.50 | 20.00 | 0 | 99.2 | 80 | 120 | 19.37 | 2.45 | 20 | |
| 1,2,4-Trimethylbenzene | 18.020 | 0.50 | 20.00 | 0 | 90.1 | 72 | 131 | 17.76 | 1.45 | 20 | |
| 1,2-Dibromo-3-chloropropane | 19.830 | 1.0 | 20.00 | 0 | 99.2 | 57 | 120 | 20.64 | 4.00 | 20 | |

Qualifiers:

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



CLIENT: ATC Associates Inc.
Work Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

| Sample ID: N008459-012DMSD | SampType: MSD | TestCode: 8260_WP_LL | Units: µg/L | Prep Date: | RunNo: 85533 | | | | | | |
|-----------------------------------|---------------------------|-----------------------------|--------------------|---------------------------------|-----------------------|----------|-----------|-------------|-------|----------|------|
| Client ID: ZZZZZZ | Batch ID: P12VW096 | TestNo: EPA 8260B | | Analysis Date: 9/12/2012 | SeqNo: 1442021 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| 1,2-Dibromoethane | 17.830 | 0.50 | 20.00 | 0 | 89.2 | 71 | 120 | 17.25 | 3.31 | 20 | |
| 1,2-Dichlorobenzene | 18.490 | 0.50 | 20.00 | 0 | 92.5 | 80 | 120 | 18.47 | 0.108 | 20 | |
| 1,2-Dichloroethane | 17.310 | 0.50 | 20.00 | 0 | 86.6 | 72 | 120 | 16.71 | 3.53 | 20 | |
| 1,2-Dichloropropane | 16.590 | 0.50 | 20.00 | 0 | 83.0 | 76 | 120 | 15.04 | 9.80 | 20 | |
| 1,3,5-Trimethylbenzene | 17.770 | 0.50 | 20.00 | 0 | 88.8 | 80 | 125 | 17.44 | 1.87 | 20 | |
| 1,3-Dichlorobenzene | 18.150 | 0.50 | 20.00 | 0 | 90.8 | 80 | 120 | 17.91 | 1.33 | 20 | |
| 1,3-Dichloropropane | 17.160 | 0.50 | 20.00 | 0 | 85.8 | 70 | 120 | 17.57 | 2.36 | 20 | |
| 1,4-Dichlorobenzene | 17.920 | 0.50 | 20.00 | 0 | 89.6 | 80 | 120 | 17.69 | 1.29 | 20 | |
| 2,2-Dichloropropane | 15.770 | 0.50 | 20.00 | 0 | 78.8 | 58 | 120 | 15.54 | 1.47 | 20 | |
| 2-Chlorotoluene | 17.030 | 0.50 | 20.00 | 0 | 85.2 | 80 | 128 | 16.87 | 0.944 | 20 | |
| 4-Chlorotoluene | 17.100 | 0.50 | 20.00 | 0 | 85.5 | 80 | 122 | 16.63 | 2.79 | 20 | |
| 4-Isopropyltoluene | 18.700 | 0.50 | 20.00 | 0.9900 | 88.6 | 80 | 127 | 18.27 | 2.33 | 20 | |
| Benzene | 17.230 | 0.50 | 20.00 | 0 | 86.2 | 80 | 120 | 16.54 | 4.09 | 20 | |
| Bromobenzene | 18.980 | 0.50 | 20.00 | 0 | 94.9 | 80 | 120 | 18.60 | 2.02 | 20 | |
| Bromodichloromethane | 16.880 | 0.50 | 20.00 | 0 | 84.4 | 64 | 122 | 16.05 | 5.04 | 20 | |
| Bromoform | 19.110 | 0.50 | 20.00 | 0 | 95.6 | 60 | 120 | 19.34 | 1.20 | 20 | |
| Bromomethane | 13.240 | 0.50 | 20.00 | 0 | 66.2 | 69 | 129 | 11.98 | 9.99 | 20 | S |
| Carbon tetrachloride | 15.620 | 0.50 | 20.00 | 0 | 78.1 | 65 | 120 | 15.16 | 2.99 | 20 | |
| Chlorobenzene | 18.020 | 0.50 | 20.00 | 0 | 90.1 | 80 | 120 | 17.72 | 1.68 | 20 | |
| Chloroethane | 17.190 | 0.50 | 20.00 | 0 | 86.0 | 56 | 158 | 16.31 | 5.25 | 20 | |
| Chloroform | 21.400 | 0.50 | 20.00 | 5.960 | 77.2 | 76 | 120 | 20.46 | 4.49 | 20 | |
| Chloromethane | 11.160 | 0.50 | 20.00 | 0 | 55.8 | 59 | 120 | 11.62 | 4.04 | 20 | S |
| cis-1,2-Dichloroethene | 16.500 | 0.50 | 20.00 | 0 | 82.5 | 79 | 120 | 15.58 | 5.74 | 20 | |
| Dibromochloromethane | 17.690 | 0.50 | 20.00 | 0 | 88.4 | 49 | 131 | 17.80 | 0.620 | 20 | |
| Dibromomethane | 17.980 | 0.50 | 20.00 | 0 | 89.9 | 73 | 120 | 17.12 | 4.90 | 20 | |
| Dichlorodifluoromethane | 12.160 | 0.50 | 20.00 | 0 | 60.8 | 67 | 124 | 11.50 | 5.58 | 20 | S |
| Ethylbenzene | 17.070 | 0.50 | 20.00 | 0 | 85.4 | 80 | 120 | 16.68 | 2.31 | 20 | |
| Hexachlorobutadiene | 16.180 | 0.50 | 20.00 | 0 | 80.9 | 80 | 130 | 15.73 | 2.82 | 20 | |
| Isopropylbenzene | 17.220 | 0.50 | 20.00 | 0 | 86.1 | 80 | 128 | 16.57 | 3.85 | 20 | |
| m,p-Xylene | 35.210 | 1.0 | 40.00 | 0 | 88.0 | 80 | 123 | 35.43 | 0.623 | 20 | |

Qualifiers:

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



CLIENT: ATC Associates Inc.
Work Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

| Sample ID: N008459-012DMSD | SampType: MSD | TestCode: 8260_WP_LL | Units: µg/L | Prep Date: | RunNo: 85533 | | | | | | |
|-----------------------------------|---------------------------|-----------------------------|--------------------|---------------------------------|-----------------------|----------|-----------|-------------|--------|----------|------|
| Client ID: ZZZZZZ | Batch ID: P12VW096 | TestNo: EPA 8260B | | Analysis Date: 9/12/2012 | SeqNo: 1442021 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Methylene chloride | 14.680 | 2.0 | 20.00 | 0 | 73.4 | 67 | 120 | 14.10 | 4.03 | 20 | |
| MTBE | 17.230 | 0.50 | 20.00 | 0 | 86.2 | 52 | 120 | 16.15 | 6.47 | 20 | |
| n-Butylbenzene | 15.860 | 0.50 | 20.00 | 0 | 79.3 | 80 | 132 | 15.15 | 4.58 | 20 | S |
| n-Propylbenzene | 16.770 | 0.50 | 20.00 | 0 | 83.9 | 80 | 130 | 16.63 | 0.838 | 20 | |
| Naphthalene | 21.900 | 0.50 | 20.00 | 0 | 110 | 57 | 120 | 21.57 | 1.52 | 20 | |
| o-Xylene | 17.970 | 0.50 | 20.00 | 0 | 89.8 | 80 | 120 | 18.04 | 0.389 | 20 | |
| sec-Butylbenzene | 16.600 | 0.50 | 20.00 | 0 | 83.0 | 80 | 128 | 16.16 | 2.69 | 20 | |
| Styrene | 19.050 | 0.50 | 20.00 | 0 | 95.2 | 50 | 136 | 19.04 | 0.0525 | 20 | |
| tert-Butylbenzene | 17.000 | 0.50 | 20.00 | 0 | 85.0 | 80 | 125 | 16.69 | 1.84 | 20 | |
| Tetrachloroethene | 16.320 | 0.50 | 20.00 | 1.230 | 75.5 | 70 | 145 | 16.01 | 1.92 | 20 | |
| Toluene | 17.960 | 0.50 | 20.00 | 0 | 89.8 | 80 | 120 | 16.81 | 6.61 | 20 | |
| trans-1,2-Dichloroethene | 16.320 | 0.50 | 20.00 | 0 | 81.6 | 80 | 120 | 15.46 | 5.41 | 20 | |
| Trichloroethene | 16.900 | 0.50 | 20.00 | 0 | 84.5 | 80 | 120 | 16.81 | 0.534 | 20 | |
| Trichlorofluoromethane | 14.390 | 0.50 | 20.00 | 0 | 72.0 | 67 | 154 | 13.36 | 7.42 | 20 | |
| Vinyl chloride | 15.330 | 0.50 | 20.00 | 0 | 76.7 | 77 | 120 | 14.28 | 7.09 | 20 | S |
| Surr: 1,2-Dichloroethane-d4 | 21.710 | | 25.00 | | 86.8 | 56 | 120 | | 0 | | |
| Surr: 4-Bromofluorobenzene | 25.240 | | 25.00 | | 101 | 80 | 120 | | 0 | | |
| Surr: Dibromofluoromethane | 21.870 | | 25.00 | | 87.5 | 72 | 120 | | 0 | | |
| Surr: Toluene-d8 | 24.950 | | 25.00 | | 99.8 | 80 | 123 | | 0 | | |

Qualifiers:

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



CLIENT: ATC Associates Inc.
Work Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0

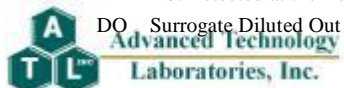
ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

| Sample ID: P120913LCS | | SampType: LCS | | TestCode: 8260_WP_LL | | Units: µg/L | | Prep Date: | | RunNo: 85542 | |
|------------------------------|--------|---------------------------|-----------|-----------------------------|------|---------------------------------|-----------|-------------|------|-----------------------|------|
| Client ID: LCSW | | Batch ID: P12VW097 | | TestNo: EPA 8260B | | Analysis Date: 9/13/2012 | | | | SeqNo: 1442391 | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| 1,1,1,2-Tetrachloroethane | 20.070 | 0.50 | 20.00 | 0 | 100 | 74 | 122 | | | | |
| 1,1,1-Trichloroethane | 18.240 | 0.50 | 20.00 | 0 | 91.2 | 65 | 120 | | | | |
| 1,1,2,2-Tetrachloroethane | 19.470 | 0.50 | 20.00 | 0 | 97.4 | 80 | 120 | | | | |
| 1,1,2-Trichloroethane | 18.410 | 0.50 | 20.00 | 0 | 92.0 | 80 | 120 | | | | |
| 1,1-Dichloroethane | 17.350 | 0.50 | 20.00 | 0 | 86.8 | 80 | 120 | | | | |
| 1,1-Dichloroethene | 20.150 | 0.50 | 20.00 | 0 | 101 | 80 | 120 | | | | |
| 1,1-Dichloropropene | 19.420 | 0.50 | 20.00 | 0 | 97.1 | 80 | 120 | | | | |
| 1,2,3-Trichlorobenzene | 23.770 | 0.50 | 20.00 | 0 | 119 | 80 | 124 | | | | |
| 1,2,3-Trichloropropane | 18.620 | 0.50 | 20.00 | 0 | 93.1 | 80 | 120 | | | | |
| 1,2,4-Trichlorobenzene | 22.860 | 0.50 | 20.00 | 0 | 114 | 80 | 126 | | | | |
| 1,2,4-Trimethylbenzene | 21.380 | 0.50 | 20.00 | 0 | 107 | 80 | 123 | | | | |
| 1,2-Dibromo-3-chloropropane | 20.910 | 1.0 | 20.00 | 0 | 105 | 70 | 120 | | | | |
| 1,2-Dibromoethane | 19.600 | 0.50 | 20.00 | 0 | 98.0 | 80 | 120 | | | | |
| 1,2-Dichlorobenzene | 21.080 | 0.50 | 20.00 | 0 | 105 | 80 | 120 | | | | |
| 1,2-Dichloroethane | 19.030 | 0.50 | 20.00 | 0 | 95.2 | 80 | 120 | | | | |
| 1,2-Dichloropropane | 18.330 | 0.50 | 20.00 | 0 | 91.7 | 80 | 120 | | | | |
| 1,3,5-Trimethylbenzene | 21.400 | 0.50 | 20.00 | 0 | 107 | 80 | 121 | | | | |
| 1,3-Dichlorobenzene | 21.000 | 0.50 | 20.00 | 0 | 105 | 80 | 120 | | | | |
| 1,3-Dichloropropane | 18.810 | 0.50 | 20.00 | 0 | 94.1 | 80 | 120 | | | | |
| 1,4-Dichlorobenzene | 20.410 | 0.50 | 20.00 | 0 | 102 | 80 | 120 | | | | |
| 2,2-Dichloropropane | 20.460 | 0.50 | 20.00 | 0 | 102 | 54 | 120 | | | | |
| 2-Chlorotoluene | 20.140 | 0.50 | 20.00 | 0 | 101 | 80 | 122 | | | | |
| 4-Chlorotoluene | 19.960 | 0.50 | 20.00 | 0 | 99.8 | 80 | 120 | | | | |
| 4-Isopropyltoluene | 21.870 | 0.50 | 20.00 | 0 | 109 | 80 | 122 | | | | |
| Benzene | 19.580 | 0.50 | 20.00 | 0 | 97.9 | 80 | 120 | | | | |
| Bromobenzene | 21.630 | 0.50 | 20.00 | 0 | 108 | 80 | 120 | | | | |
| Bromodichloromethane | 18.720 | 0.50 | 20.00 | 0 | 93.6 | 70 | 120 | | | | |
| Bromoform | 20.610 | 0.50 | 20.00 | 0 | 103 | 66 | 120 | | | | |
| Bromomethane | 16.330 | 0.50 | 20.00 | 0 | 81.7 | 48 | 155 | | | | |
| Carbon tetrachloride | 20.350 | 0.50 | 20.00 | 0 | 102 | 60 | 120 | | | | |

Qualifiers:

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



CLIENT: ATC Associates Inc.
Work Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

| Sample ID: P120913LCS | SampType: LCS | TestCode: 8260_WP_LL | Units: µg/L | Prep Date: | RunNo: 85542 | | | | | | |
|------------------------------|---------------------------|-----------------------------|--------------------|---------------------------------|-----------------------|----------|-----------|-------------|------|----------|------|
| Client ID: LCSW | Batch ID: P12VW097 | TestNo: EPA 8260B | | Analysis Date: 9/13/2012 | SeqNo: 1442391 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Chlorobenzene | 20.090 | 0.50 | 20.00 | 0 | 100 | 80 | 120 | | | | |
| Chloroethane | 20.350 | 0.50 | 20.00 | 0 | 102 | 62 | 147 | | | | |
| Chloroform | 17.880 | 0.50 | 20.00 | 0 | 89.4 | 80 | 120 | | | | |
| Chloromethane | 13.510 | 0.50 | 20.00 | 0 | 67.6 | 63 | 121 | | | | |
| cis-1,2-Dichloroethene | 18.170 | 0.50 | 20.00 | 0 | 90.9 | 80 | 120 | | | | |
| Dibromochloromethane | 19.830 | 0.50 | 20.00 | 0 | 99.2 | 67 | 123 | | | | |
| Dibromomethane | 19.780 | 0.50 | 20.00 | 0 | 98.9 | 80 | 120 | | | | |
| Dichlorodifluoromethane | 18.120 | 0.50 | 20.00 | 0 | 90.6 | 70 | 121 | | | | |
| Ethylbenzene | 20.020 | 0.50 | 20.00 | 0 | 100 | 80 | 120 | | | | |
| Hexachlorobutadiene | 21.370 | 0.50 | 20.00 | 0 | 107 | 80 | 123 | | | | |
| Isopropylbenzene | 21.000 | 0.50 | 20.00 | 0 | 105 | 80 | 121 | | | | |
| m,p-Xylene | 40.830 | 1.0 | 40.00 | 0 | 102 | 80 | 120 | | | | |
| Methylene chloride | 16.660 | 2.0 | 20.00 | 0 | 83.3 | 75 | 120 | | | | |
| MTBE | 18.420 | 0.50 | 20.00 | 0 | 92.1 | 70 | 120 | | | | |
| n-Butylbenzene | 19.890 | 0.50 | 20.00 | 0 | 99.4 | 80 | 129 | | | | |
| n-Propylbenzene | 20.580 | 0.50 | 20.00 | 0 | 103 | 80 | 122 | | | | |
| Naphthalene | 23.580 | 0.50 | 20.00 | 0 | 118 | 73 | 127 | | | | |
| o-Xylene | 20.510 | 0.50 | 20.00 | 0 | 103 | 80 | 120 | | | | |
| sec-Butylbenzene | 21.010 | 0.50 | 20.00 | 0 | 105 | 80 | 120 | | | | |
| Styrene | 21.650 | 0.50 | 20.00 | 0 | 108 | 80 | 120 | | | | |
| tert-Butylbenzene | 20.860 | 0.50 | 20.00 | 0 | 104 | 80 | 120 | | | | |
| Tetrachloroethene | 18.530 | 0.50 | 20.00 | 0 | 92.6 | 80 | 121 | | | | |
| Toluene | 20.740 | 0.50 | 20.00 | 0 | 104 | 80 | 120 | | | | |
| trans-1,2-Dichloroethene | 19.160 | 0.50 | 20.00 | 0 | 95.8 | 80 | 120 | | | | |
| Trichloroethene | 20.520 | 0.50 | 20.00 | 0 | 103 | 80 | 120 | | | | |
| Trichlorofluoromethane | 19.380 | 0.50 | 20.00 | 0 | 96.9 | 71 | 148 | | | | |
| Vinyl chloride | 19.350 | 0.50 | 20.00 | 0 | 96.8 | 80 | 120 | | | | |
| Surr: 1,2-Dichloroethane-d4 | 21.880 | | 25.00 | | 87.5 | 56 | 120 | | | | |
| Surr: 4-Bromofluorobenzene | 24.800 | | 25.00 | | 99.2 | 80 | 120 | | | | |
| Surr: Dibromofluoromethane | 21.640 | | 25.00 | | 86.6 | 72 | 120 | | | | |

Qualifiers:

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



CLIENT: ATC Associates Inc.
Work Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0

ANALYTICAL QC SUMMARY REPORT

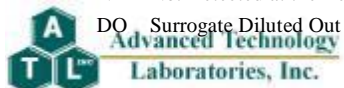
TestCode: 8260_WP_LL

| | | | | | | | | | | | |
|------------------------------|---------------------------|-----------------------------|--------------------|---------------------------------|-----------------------|----------|-----------|-------------|------|----------|------|
| Sample ID: P120913LCS | SampType: LCS | TestCode: 8260_WP_LL | Units: µg/L | Prep Date: | RunNo: 85542 | | | | | | |
| Client ID: LCSW | Batch ID: P12VW097 | TestNo: EPA 8260B | | Analysis Date: 9/13/2012 | SeqNo: 1442391 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Surr: Toluene-d8 | 25.360 | | 25.00 | | 101 | 80 | 123 | | | | |

| | | | | | | | | | | | |
|------------------------------|---------------------------|-----------------------------|--------------------|---------------------------------|-----------------------|----------|-----------|-------------|------|----------|------|
| Sample ID: P120913MB2 | SampType: MBLK | TestCode: 8260_WP_LL | Units: µg/L | Prep Date: | RunNo: 85542 | | | | | | |
| Client ID: PBW | Batch ID: P12VW097 | TestNo: EPA 8260B | | Analysis Date: 9/13/2012 | SeqNo: 1442392 | | | | | | |
| 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 | | | | | | | | | |
| 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 | | | | | | | | | |

Qualifiers:

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



CLIENT: ATC Associates Inc.
Work Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

| | | | | | |
|------------------------------|---------------------------|-----------------------------|--------------------|---------------------------------|-----------------------|
| Sample ID: P120913MB2 | SampType: MBLK | TestCode: 8260_WP_LL | Units: µg/L | Prep Date: | RunNo: 85542 |
| Client ID: PBW | Batch ID: P12VW097 | TestNo: EPA 8260B | | Analysis Date: 9/13/2012 | SeqNo: 1442392 |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|--------------------------|--------|------|-----------|-------------|------|----------|-----------|-------------|------|----------|------|
| 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 | | | | | | | | | |
| Methylene chloride | ND | 2.0 | | | | | | | | | |
| 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 | | | | | | | | | |

Qualifiers:

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



CLIENT: ATC Associates Inc.
Work Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

| Sample ID: P120913MB2 | | SampType: MBLK | | TestCode: 8260_WP_LL | | Units: µg/L | | Prep Date: | | RunNo: 85542 | |
|------------------------------|--------|---------------------------|-----------|-----------------------------|------|---------------------------------|-----------|-------------|------|-----------------------|------|
| Client ID: PBW | | Batch ID: P12VW097 | | TestNo: EPA 8260B | | Analysis Date: 9/13/2012 | | | | SeqNo: 1442392 | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Trichloroethene | ND | 0.50 | | | | | | | | | |
| Trichlorofluoromethane | ND | 0.50 | | | | | | | | | |
| Vinyl chloride | ND | 0.50 | | | | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 22.380 | | 25.00 | | 89.5 | 56 | 120 | | | | |
| Surr: 4-Bromofluorobenzene | 24.080 | | 25.00 | | 96.3 | 80 | 120 | | | | |
| Surr: Dibromofluoromethane | 22.410 | | 25.00 | | 89.6 | 72 | 120 | | | | |
| Surr: Toluene-d8 | 25.310 | | 25.00 | | 101 | 80 | 123 | | | | |

| Sample ID: N008486-001FMS | | SampType: MS | | TestCode: 8260_WP_LL | | Units: µg/L | | Prep Date: | | RunNo: 85542 | |
|----------------------------------|--------|---------------------------|-----------|-----------------------------|------|---------------------------------|-----------|-------------|------|-----------------------|------|
| Client ID: ZZZZZ | | Batch ID: P12VW097 | | TestNo: EPA 8260B | | Analysis Date: 9/13/2012 | | | | SeqNo: 1442400 | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| 1,1,1,2-Tetrachloroethane | 19.040 | 0.50 | 20.00 | 0 | 95.2 | 70 | 120 | | | | |
| 1,1,1-Trichloroethane | 17.010 | 0.50 | 20.00 | 0 | 85.0 | 68 | 120 | | | | |
| 1,1,2,2-Tetrachloroethane | 18.360 | 0.50 | 20.00 | 0 | 91.8 | 69 | 120 | | | | |
| 1,1,2-Trichloroethane | 17.320 | 0.50 | 20.00 | 0 | 86.6 | 71 | 120 | | | | |
| 1,1-Dichloroethane | 16.690 | 0.50 | 20.00 | 0 | 83.4 | 77 | 120 | | | | |
| 1,1-Dichloroethene | 18.940 | 0.50 | 20.00 | 0 | 94.7 | 80 | 120 | | | | |
| 1,1-Dichloropropene | 17.960 | 0.50 | 20.00 | 0 | 89.8 | 80 | 120 | | | | |
| 1,2,3-Trichlorobenzene | 21.480 | 0.50 | 20.00 | 0 | 107 | 80 | 120 | | | | |
| 1,2,3-Trichloropropane | 17.190 | 0.50 | 20.00 | 0 | 86.0 | 68 | 120 | | | | |
| 1,2,4-Trichlorobenzene | 20.630 | 0.50 | 20.00 | 0 | 103 | 80 | 120 | | | | |
| 1,2,4-Trimethylbenzene | 19.810 | 0.50 | 20.00 | 0 | 99.0 | 72 | 131 | | | | |
| 1,2-Dibromo-3-chloropropane | 19.410 | 1.0 | 20.00 | 0 | 97.0 | 57 | 120 | | | | |
| 1,2-Dibromoethane | 18.360 | 0.50 | 20.00 | 0 | 91.8 | 71 | 120 | | | | |
| 1,2-Dichlorobenzene | 19.560 | 0.50 | 20.00 | 0 | 97.8 | 80 | 120 | | | | |
| 1,2-Dichloroethane | 18.360 | 0.50 | 20.00 | 0 | 91.8 | 72 | 120 | | | | |
| 1,2-Dichloropropane | 17.010 | 0.50 | 20.00 | 0 | 85.0 | 76 | 120 | | | | |
| 1,3,5-Trimethylbenzene | 19.810 | 0.50 | 20.00 | 0 | 99.0 | 80 | 125 | | | | |
| 1,3-Dichlorobenzene | 19.790 | 0.50 | 20.00 | 0 | 99.0 | 80 | 120 | | | | |

Qualifiers:

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



CLIENT: ATC Associates Inc.
Work Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

| Sample ID: N008486-001FMS | | SampType: MS | | TestCode: 8260_WP_LL | | Units: µg/L | | Prep Date: | | RunNo: 85542 | |
|----------------------------------|--------|---------------------------|-----------|-----------------------------|------|---------------------------------|-----------|-------------|------|-----------------------|------|
| Client ID: ZZZZZ | | Batch ID: P12VW097 | | TestNo: EPA 8260B | | Analysis Date: 9/13/2012 | | | | SeqNo: 1442400 | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| 1,3-Dichloropropane | 18.200 | 0.50 | 20.00 | 0 | 91.0 | 70 | 120 | | | | |
| 1,4-Dichlorobenzene | 19.150 | 0.50 | 20.00 | 0 | 95.8 | 80 | 120 | | | | |
| 2,2-Dichloropropane | 18.680 | 0.50 | 20.00 | 0 | 93.4 | 58 | 120 | | | | |
| 2-Chlorotoluene | 18.510 | 0.50 | 20.00 | 0 | 92.6 | 80 | 128 | | | | |
| 4-Chlorotoluene | 18.370 | 0.50 | 20.00 | 0 | 91.9 | 80 | 122 | | | | |
| 4-Isopropyltoluene | 20.180 | 0.50 | 20.00 | 0 | 101 | 80 | 127 | | | | |
| Benzene | 18.380 | 0.50 | 20.00 | 0 | 91.9 | 80 | 120 | | | | |
| Bromobenzene | 19.960 | 0.50 | 20.00 | 0 | 99.8 | 80 | 120 | | | | |
| Bromodichloromethane | 17.680 | 0.50 | 20.00 | 0 | 88.4 | 64 | 122 | | | | |
| Bromoform | 20.130 | 0.50 | 20.00 | 0 | 101 | 60 | 120 | | | | |
| Bromomethane | 14.000 | 0.50 | 20.00 | 0 | 70.0 | 69 | 129 | | | | |
| Carbon tetrachloride | 18.990 | 0.50 | 20.00 | 0 | 95.0 | 65 | 120 | | | | |
| Chlorobenzene | 19.340 | 0.50 | 20.00 | 0 | 96.7 | 80 | 120 | | | | |
| Chloroethane | 18.420 | 0.50 | 20.00 | 0 | 92.1 | 56 | 158 | | | | |
| Chloroform | 16.730 | 0.50 | 20.00 | 0 | 83.6 | 76 | 120 | | | | |
| Chloromethane | 12.380 | 0.50 | 20.00 | 0 | 61.9 | 59 | 120 | | | | |
| cis-1,2-Dichloroethene | 17.000 | 0.50 | 20.00 | 0 | 85.0 | 79 | 120 | | | | |
| Dibromochloromethane | 18.730 | 0.50 | 20.00 | 0 | 93.6 | 49 | 131 | | | | |
| Dibromomethane | 18.590 | 0.50 | 20.00 | 0 | 93.0 | 73 | 120 | | | | |
| Dichlorodifluoromethane | 16.060 | 0.50 | 20.00 | 0 | 80.3 | 67 | 124 | | | | |
| Ethylbenzene | 19.010 | 0.50 | 20.00 | 0 | 95.1 | 80 | 120 | | | | |
| Hexachlorobutadiene | 19.670 | 0.50 | 20.00 | 0 | 98.4 | 80 | 130 | | | | |
| Isopropylbenzene | 19.180 | 0.50 | 20.00 | 0 | 95.9 | 80 | 128 | | | | |
| m,p-Xylene | 39.320 | 1.0 | 40.00 | 0 | 98.3 | 80 | 123 | | | | |
| Methylene chloride | 15.090 | 2.0 | 20.00 | 0 | 75.5 | 67 | 120 | | | | |
| MTBE | 17.230 | 0.50 | 20.00 | 0 | 86.2 | 52 | 120 | | | | |
| n-Butylbenzene | 18.640 | 0.50 | 20.00 | 0 | 93.2 | 80 | 132 | | | | |
| n-Propylbenzene | 18.950 | 0.50 | 20.00 | 0 | 94.8 | 80 | 130 | | | | |
| Naphthalene | 21.770 | 0.50 | 20.00 | 0 | 109 | 57 | 120 | | | | |
| o-Xylene | 19.900 | 0.50 | 20.00 | 0 | 99.5 | 80 | 120 | | | | |

Qualifiers:

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



CLIENT: ATC Associates Inc.
Work Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

| Sample ID: N008486-001FMS | | SampType: MS | | TestCode: 8260_WP_LL | | Units: µg/L | | Prep Date: | | RunNo: 85542 | |
|----------------------------------|--------|---------------------------|-----------|-----------------------------|------|---------------------------------|-----------|-------------|------|-----------------------|------|
| Client ID: ZZZZZ | | Batch ID: P12VW097 | | TestNo: EPA 8260B | | Analysis Date: 9/13/2012 | | | | SeqNo: 1442400 | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| sec-Butylbenzene | 19.450 | 0.50 | 20.00 | 0 | 97.3 | 80 | 128 | | | | |
| Styrene | 20.260 | 0.50 | 20.00 | 0 | 101 | 50 | 136 | | | | |
| tert-Butylbenzene | 19.550 | 0.50 | 20.00 | 0 | 97.8 | 80 | 125 | | | | |
| Tetrachloroethene | 18.340 | 0.50 | 20.00 | 0 | 91.7 | 70 | 145 | | | | |
| Toluene | 19.440 | 0.50 | 20.00 | 0 | 97.2 | 80 | 120 | | | | |
| trans-1,2-Dichloroethene | 17.980 | 0.50 | 20.00 | 0 | 89.9 | 80 | 120 | | | | |
| Trichloroethene | 19.070 | 0.50 | 20.00 | 0 | 95.4 | 80 | 120 | | | | |
| Trichlorofluoromethane | 18.070 | 0.50 | 20.00 | 0 | 90.4 | 67 | 154 | | | | |
| Vinyl chloride | 16.720 | 0.50 | 20.00 | 0 | 83.6 | 77 | 120 | | | | |
| Surr: 1,2-Dichloroethane-d4 | 21.160 | | 25.00 | | 84.6 | 56 | 120 | | | | |
| Surr: 4-Bromofluorobenzene | 25.090 | | 25.00 | | 100 | 80 | 120 | | | | |
| Surr: Dibromofluoromethane | 22.220 | | 25.00 | | 88.9 | 72 | 120 | | | | |
| Surr: Toluene-d8 | 25.210 | | 25.00 | | 101 | 80 | 123 | | | | |

| Sample ID: N008486-001FMSD | | SampType: MSD | | TestCode: 8260_WP_LL | | Units: µg/L | | Prep Date: | | RunNo: 85542 | |
|-----------------------------------|--------|---------------------------|-----------|-----------------------------|------|---------------------------------|-----------|-------------|-------|-----------------------|------|
| Client ID: ZZZZZ | | Batch ID: P12VW097 | | TestNo: EPA 8260B | | Analysis Date: 9/13/2012 | | | | SeqNo: 1442401 | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| 1,1,1,2-Tetrachloroethane | 18.680 | 0.50 | 20.00 | 0 | 93.4 | 70 | 120 | 19.04 | 1.91 | 20 | |
| 1,1,1-Trichloroethane | 16.930 | 0.50 | 20.00 | 0 | 84.6 | 68 | 120 | 17.01 | 0.471 | 20 | |
| 1,1,2,2-Tetrachloroethane | 17.470 | 0.50 | 20.00 | 0 | 87.4 | 69 | 120 | 18.36 | 4.97 | 20 | |
| 1,1,2-Trichloroethane | 17.040 | 0.50 | 20.00 | 0 | 85.2 | 71 | 120 | 17.32 | 1.63 | 20 | |
| 1,1-Dichloroethane | 16.040 | 0.50 | 20.00 | 0 | 80.2 | 77 | 120 | 16.69 | 3.97 | 20 | |
| 1,1-Dichloroethene | 18.580 | 0.50 | 20.00 | 0 | 92.9 | 80 | 120 | 18.94 | 1.92 | 20 | |
| 1,1-Dichloropropene | 17.820 | 0.50 | 20.00 | 0 | 89.1 | 80 | 120 | 17.96 | 0.783 | 20 | |
| 1,2,3-Trichlorobenzene | 21.650 | 0.50 | 20.00 | 0 | 108 | 80 | 120 | 21.48 | 0.788 | 20 | |
| 1,2,3-Trichloropropane | 17.340 | 0.50 | 20.00 | 0 | 86.7 | 68 | 120 | 17.19 | 0.869 | 20 | |
| 1,2,4-Trichlorobenzene | 20.780 | 0.50 | 20.00 | 0 | 104 | 80 | 120 | 20.63 | 0.724 | 20 | |
| 1,2,4-Trimethylbenzene | 19.560 | 0.50 | 20.00 | 0 | 97.8 | 72 | 131 | 19.81 | 1.27 | 20 | |
| 1,2-Dibromo-3-chloropropane | 18.560 | 1.0 | 20.00 | 0 | 92.8 | 57 | 120 | 19.41 | 4.48 | 20 | |

Qualifiers:

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



CLIENT: ATC Associates Inc.
Work Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

| Sample ID: N008486-001FMSD | SampType: MSD | TestCode: 8260_WP_LL | Units: µg/L | Prep Date: | RunNo: 85542 | | | | | | |
|-----------------------------------|---------------------------|-----------------------------|--------------------|---------------------------------|-----------------------|----------|-----------|-------------|-------|----------|------|
| Client ID: ZZZZZ | Batch ID: P12VW097 | TestNo: EPA 8260B | | Analysis Date: 9/13/2012 | SeqNo: 1442401 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| 1,2-Dibromoethane | 18.270 | 0.50 | 20.00 | 0 | 91.4 | 71 | 120 | 18.36 | 0.491 | 20 | |
| 1,2-Dichlorobenzene | 19.700 | 0.50 | 20.00 | 0 | 98.5 | 80 | 120 | 19.56 | 0.713 | 20 | |
| 1,2-Dichloroethane | 17.700 | 0.50 | 20.00 | 0 | 88.5 | 72 | 120 | 18.36 | 3.66 | 20 | |
| 1,2-Dichloropropane | 16.860 | 0.50 | 20.00 | 0 | 84.3 | 76 | 120 | 17.01 | 0.886 | 20 | |
| 1,3,5-Trimethylbenzene | 19.440 | 0.50 | 20.00 | 0 | 97.2 | 80 | 125 | 19.81 | 1.89 | 20 | |
| 1,3-Dichlorobenzene | 19.400 | 0.50 | 20.00 | 0 | 97.0 | 80 | 120 | 19.79 | 1.99 | 20 | |
| 1,3-Dichloropropane | 17.520 | 0.50 | 20.00 | 0 | 87.6 | 70 | 120 | 18.20 | 3.81 | 20 | |
| 1,4-Dichlorobenzene | 19.290 | 0.50 | 20.00 | 0 | 96.5 | 80 | 120 | 19.15 | 0.728 | 20 | |
| 2,2-Dichloropropane | 17.440 | 0.50 | 20.00 | 0 | 87.2 | 58 | 120 | 18.68 | 6.87 | 20 | |
| 2-Chlorotoluene | 18.360 | 0.50 | 20.00 | 0 | 91.8 | 80 | 128 | 18.51 | 0.814 | 20 | |
| 4-Chlorotoluene | 18.590 | 0.50 | 20.00 | 0 | 93.0 | 80 | 122 | 18.37 | 1.19 | 20 | |
| 4-Isopropyltoluene | 20.120 | 0.50 | 20.00 | 0 | 101 | 80 | 127 | 20.18 | 0.298 | 20 | |
| Benzene | 18.580 | 0.50 | 20.00 | 0 | 92.9 | 80 | 120 | 18.38 | 1.08 | 20 | |
| Bromobenzene | 19.880 | 0.50 | 20.00 | 0 | 99.4 | 80 | 120 | 19.96 | 0.402 | 20 | |
| Bromodichloromethane | 17.050 | 0.50 | 20.00 | 0 | 85.2 | 64 | 122 | 17.68 | 3.63 | 20 | |
| Bromoform | 19.540 | 0.50 | 20.00 | 0 | 97.7 | 60 | 120 | 20.13 | 2.97 | 20 | |
| Bromomethane | 15.010 | 0.50 | 20.00 | 0 | 75.0 | 69 | 129 | 14.00 | 6.96 | 20 | |
| Carbon tetrachloride | 18.850 | 0.50 | 20.00 | 0 | 94.3 | 65 | 120 | 18.99 | 0.740 | 20 | |
| Chlorobenzene | 19.270 | 0.50 | 20.00 | 0 | 96.4 | 80 | 120 | 19.34 | 0.363 | 20 | |
| Chloroethane | 18.010 | 0.50 | 20.00 | 0 | 90.1 | 56 | 158 | 18.42 | 2.25 | 20 | |
| Chloroform | 16.540 | 0.50 | 20.00 | 0 | 82.7 | 76 | 120 | 16.73 | 1.14 | 20 | |
| Chloromethane | 13.030 | 0.50 | 20.00 | 0 | 65.2 | 59 | 120 | 12.38 | 5.12 | 20 | |
| cis-1,2-Dichloroethene | 17.000 | 0.50 | 20.00 | 0 | 85.0 | 79 | 120 | 17.00 | 0 | 20 | |
| Dibromochloromethane | 18.920 | 0.50 | 20.00 | 0 | 94.6 | 49 | 131 | 18.73 | 1.01 | 20 | |
| Dibromomethane | 18.460 | 0.50 | 20.00 | 0 | 92.3 | 73 | 120 | 18.59 | 0.702 | 20 | |
| Dichlorodifluoromethane | 15.710 | 0.50 | 20.00 | 0 | 78.6 | 67 | 124 | 16.06 | 2.20 | 20 | |
| Ethylbenzene | 18.590 | 0.50 | 20.00 | 0 | 93.0 | 80 | 120 | 19.01 | 2.23 | 20 | |
| Hexachlorobutadiene | 19.650 | 0.50 | 20.00 | 0 | 98.2 | 80 | 130 | 19.67 | 0.102 | 20 | |
| Isopropylbenzene | 19.260 | 0.50 | 20.00 | 0 | 96.3 | 80 | 128 | 19.18 | 0.416 | 20 | |
| m,p-Xylene | 38.880 | 1.0 | 40.00 | 0 | 97.2 | 80 | 123 | 39.32 | 1.13 | 20 | |

Qualifiers:

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



CLIENT: ATC Associates Inc.
Work Order: N008460
Project: Maryland Square Shopping Center, 085.42620.0

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

| Sample ID: N008486-001FMSD | SampType: MSD | TestCode: 8260_WP_LL | Units: µg/L | Prep Date: | RunNo: 85542 | | | | | | |
|-----------------------------------|---------------------------|-----------------------------|--------------------|---------------------------------|-----------------------|----------|-----------|-------------|-------|----------|------|
| Client ID: ZZZZZZ | Batch ID: P12VW097 | TestNo: EPA 8260B | | Analysis Date: 9/13/2012 | SeqNo: 1442401 | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Methylene chloride | 15.150 | 2.0 | 20.00 | 0 | 75.8 | 67 | 120 | 15.09 | 0.397 | 20 | |
| MTBE | 17.310 | 0.50 | 20.00 | 0 | 86.6 | 52 | 120 | 17.23 | 0.463 | 20 | |
| n-Butylbenzene | 18.440 | 0.50 | 20.00 | 0 | 92.2 | 80 | 132 | 18.64 | 1.08 | 20 | |
| n-Propylbenzene | 18.790 | 0.50 | 20.00 | 0 | 94.0 | 80 | 130 | 18.95 | 0.848 | 20 | |
| Naphthalene | 21.490 | 0.50 | 20.00 | 0 | 107 | 57 | 120 | 21.77 | 1.29 | 20 | |
| o-Xylene | 19.400 | 0.50 | 20.00 | 0 | 97.0 | 80 | 120 | 19.90 | 2.54 | 20 | |
| sec-Butylbenzene | 19.320 | 0.50 | 20.00 | 0 | 96.6 | 80 | 128 | 19.45 | 0.671 | 20 | |
| Styrene | 19.990 | 0.50 | 20.00 | 0 | 100 | 50 | 136 | 20.26 | 1.34 | 20 | |
| tert-Butylbenzene | 19.580 | 0.50 | 20.00 | 0 | 97.9 | 80 | 125 | 19.55 | 0.153 | 20 | |
| Tetrachloroethene | 18.080 | 0.50 | 20.00 | 0 | 90.4 | 70 | 145 | 18.34 | 1.43 | 20 | |
| Toluene | 19.280 | 0.50 | 20.00 | 0 | 96.4 | 80 | 120 | 19.44 | 0.826 | 20 | |
| trans-1,2-Dichloroethene | 17.240 | 0.50 | 20.00 | 0 | 86.2 | 80 | 120 | 17.98 | 4.20 | 20 | |
| Trichloroethene | 19.560 | 0.50 | 20.00 | 0 | 97.8 | 80 | 120 | 19.07 | 2.54 | 20 | |
| Trichlorofluoromethane | 18.100 | 0.50 | 20.00 | 0 | 90.5 | 67 | 154 | 18.07 | 0.166 | 20 | |
| Vinyl chloride | 17.670 | 0.50 | 20.00 | 0 | 88.4 | 77 | 120 | 16.72 | 5.52 | 20 | |
| Surr: 1,2-Dichloroethane-d4 | 20.950 | | 25.00 | | 83.8 | 56 | 120 | | 0 | | |
| Surr: 4-Bromofluorobenzene | 24.710 | | 25.00 | | 98.8 | 80 | 120 | | 0 | | |
| Surr: Dibromofluoromethane | 21.710 | | 25.00 | | 86.8 | 72 | 120 | | 0 | | |
| Surr: Toluene-d8 | 25.260 | | 25.00 | | 101 | 80 | 123 | | 0 | | |


Qualifiers:

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



CHAIN OF CUSTODY RECORD

FOR LABORATORY USE ONLY



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

Method of Transport
 Client
 ATL
 CA OverN
 FedEx
 Other

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

Project #: 085.42620.0001

Project Name: Maryland Square Shopping Center

Relinquished by: (Signature and Printed Name) Norman Ascano 9/7/12 9:30 Date: 9/7/12 Time: 9:30

Relinquished by: (Signature and Printed Name) Norman Ascano 9/7/12 9:30 Date: 9/7/12 Time: 9:30

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

Client: ATC Associates
Attention: Andrew Stuart
Address: 2925 East Patrick Lane
City: Las Vegas **State:** NV **Zip Code:** 89120
Tel: (702) 798-5750
Fax: (702) 798-5742

Sampler: 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.
Received by: (Signature and Printed Name) _____ Date: _____ Time: _____

Special Instructions/Comments: Email results to Andrew.Stuart@atcassociates.com

| T E M | LAB USE ONLY: | | Sample ID / Location | Sample Description | Date | Time | PRESERVATION | | | REMARKS | |
|-------|---------------|-----------|----------------------|--------------------|--------|------|--------------|-------|------|---------|---|
| | Lab No. | Signature | | | | | Container(s) | TAT # | Type | | V |
| | 400-201-1 | | MW-1 | | 9/6/12 | 1359 | | | | | |
| | 400-202 | | MW-5 | | 9/6/12 | 710 | | | | | |
| | 400-203 | | MW-6 | | 9/6/12 | 749 | | | | | |
| | 400-204 | | Duplicate MW-6 | | 9/6/12 | 749 | | | | | |
| | 400-205 | | MW-9 | | 9/6/12 | 843 | | | | | |
| | 400-206 | | MW-14 | | 9/7/12 | 820 | | | | | |
| | 400-207 | | MW-17 | | 9/6/12 | 1321 | | | | | |
| | 400-208 | | MW-27 | | 9/7/12 | 624 | | | | | |
| | 400-209 | | Duplicate MW-27 | | 9/7/12 | 624 | | | | | |
| | 400-210 | | MW-34 | | 9/7/12 | 736 | | | | | |

QA/QC
 RTNE CT
 SWRCB Logcode _____
 OTHER _____

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


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

TAT: A = Overnight B = Emergency Next Workday C = Critical D = Urgent E = Routine
 2 Workdays 3 Workdays 7 Workdays

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

Storage/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.

CHAIN OF CUSTODY RECORD



Advanced Technology Laboratories Inc.
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 Y N 4. SEALED Y N
2. HEADSPACE (VOA) Y N 5. # OF SPLS MATCH COC Y N
3. CONTAINER INTACT Y N 6. PRESERVED Y N

Client: ATC Associates
Attention: Andrew Stuart
Project Name: Maryland Square Shopping Center
Address: 2925 East Patrick Lane
City: Las Vegas State: NV Zip Code: 89120
Tel: (702) 798-5750 Fax: (702) 798-5742

Project #: 085.42620.0001
Sampler: Norman Ascano
Date: 9/7/12 Time: 9:30
Received by: (Signature and Printed Name) Norman Ascano Date: 9/7/12 Time: 7:41
Relinquished by: (Signature and Printed Name) Andrew Stuart Date: 9/7/12 Time: 9:30
Relinquished by: (Signature and Printed Name) _____ Date: _____ Time: _____
Relinquished by: (Signature and Printed Name) _____ Date: _____ Time: _____

Special Instructions/Comments: _____

Bill To: Attn: Andrew Stuart
Co: ATC Associates
Address: 2925 East Patrick Lane
City: Las Vegas State: NV Zip: 89120

Circle or Add Analysis(es) Requested: 8260s (Volatiles) 8015M - GRO 8015B - DRO/RO 8260 - VOCs

Send Report To: Attn: Andrew Stuart
Co: ATC Associates
Address: 2925 East Patrick Lane
City: Las Vegas State: NV Zip: 89120

I hereby authorize ATL to perform the work indicated below:
Project Mgr (Submitter): Norman Ascano Date: 9/7/12
Print 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 ID / Location | Sample Description | Date | Time |
|--------------------|----------------------|--------------------|--------|-------|
| 11 MW-35 | MW-35 | | 9/7/12 | 7:00 |
| 12 MW-36 | MW-36 | | 9/6/12 | 11:30 |
| 13 MW-37 | MW-37 | | 9/6/12 | 10:18 |
| 14 MW-38 | MW-38 | | 9/6/12 | 9:34 |
| 15 MW-39 | MW-39 | | 9/6/12 | 6:34 |
| 16 MW-40 | MW-40 | | 9/6/12 | 12:20 |
| 17 Trip Blank | Trip Blank | | 9/6/12 | 5:25 |
| 18 Trip Blank | Trip Blank | | 9/7/12 | 5:15 |
| 19 Equipment Blank | Equipment Blank | | 9/7/12 | 9:40 |
| 20 Equipment Blank | Equipment Blank | | 9/7/12 | 7:10 |

QA/QC
RTNE CT
S/RCB Logcode
OTHER

Container(s)
TAT # Type V H
E 3 V H

Matrix
WATER
GROUND WATER
WASTEWATER
SOIL

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

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

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

Advanced Technology Laboratories, Inc.

Please review the checklist below. Any NO 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.

Cooler Received/Opened On: 9/7/2012 Workorder: N008460
 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: None
 Cooling process: Ice Ice Pack Dry Ice Other None

Sample Receipt Checklist

- | | | | |
|-----------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------|-------------------------------------------------|
| 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 9/7/12

Reviewed By: jfg