FirstQuarter2012
Groundwater Monitoring and Sampling Letter Report

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

NDEP Facility ID No. H-000086

ATC Project No. 085.42620.0001

April 25, 2012

Prepared for:

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

Prepared by:

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April 25, 2012

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

Re: FirstQuarter2012Groundwater Monitoring and Sampling Letter
Maryland Square PCE Site
3661 South Maryland Parkway
Las Vegas, Nevada
NDEP Facility ID No. H-000086

Dear Mr. Vandenberg:

ATC Associates Inc. (ATC) is submitting this 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 FirstQuarter 2012

ATC is currently performing quarterly monitoring and sampling of 11 of the 37site groundwater monitoring well network.

Current Phase of Project:	Monitoring and Sampling/ Limited Remediation
Frequency of Sampling:	Groundwater: Select Wells Quarterly (Semi-annual for 2012)
Frequency of Monitoring:	Groundwater: Select Wells Quarterly (Semi-annual for 2012)
Purge Water Removed This Quarter:	55.00liters
Approximate Depth to Groundwater:	19.55ftbtoc
Groundwater Flow Direction:	Site Monitoring Network: East
Groundwater Analytical Methods:	VOCs by EPA 8260B
Average PCE Change Since Last Quarter:	+7.51% (wells with fourth quarter data)

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

Based on the NDEP approved annual sampling schedule for the firstquarter 2012sampling event, which proposesselect sampling of the 37 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 2012on 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, and MW-37 (plus any newly installed wells)

- Fourth Quarter – MW-1 through MW-37 (plus any newly installed wells). Well MW-4 was discontinued from the analytical program due to an obstruction.

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

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

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

ATC submitted the collected groundwater samples to an NDEP-certified analytical laboratory for the analysis of volatile organic compounds (VOCs) using U.S. Environmental Protection Agency (EPA) Method 8260B.

Groundwater data collected during this sampling event are summarized in Table 1. 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. Additional analytical parameters were collectedfor chromium, selenium and zinc in groundwater monitoring wells MW-34 and MW-35. ATC also collected a duplicate groundwater sample from monitoring well MW-6.

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 first 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 16.22 feet bgs (MW-27) to 20.84feet bgs(MW-6). The average groundwater elevation exhibited anaverage decrease of 0.31 feet across the site compared with the Fourth Quarter 2011 groundwater monitoring event.

DO readings for the select monitoring wellsranged from 1.3to 5.6 milligrams per liter (mg/L). ORP readings for the select monitoring wellsranged from -21.0to -92.0millivolts (mV).

Groundwater Analytical Results

On March 30th 2012, 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.

Table 2 summarizes the analytical results for chromium, selenium and zinc in groundwater monitoring wells MW-34 and MW-35. 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, First Quarter 2012

Well ID	Depth to Groundwater Level (feet)	Groundwater Elevation (feet amsl)	PCE (µg/L)	Change in Groundwater Elevation (feet)	Change in PCE (%)
MW-1	20.41	1971.60	370	-0.76	-9.76
MW-5	19.74	1969.41	800	-0.52	+48.15
MW-6	20.84	1968.19	3,500	-0.54	+20.69
MW-9	20.50	1971.75	5.2	-0.59	-7.14

Well ID	Depth to Groundwater Level (feet)	Groundwater Elevation (feet amsl)	PCE (µg/L)	Change in Groundwater Elevation (feet)	Change in PCE (%)
MW-14	19.33	1968.53	1,600	-0.61	-5.88
MW-17	20.03	1970.86	320	-0.58	-8.57
MW-27	16.22	1928.86	470	+1.10	+23.68
MW-34	19.02	--	1,000	NA*	0.00[1]
MW-35	20.03	--	580	NA*	-7.94[1]
MW-36	19.51	1935.79	160	NA*	+6.67[1]
MW-37	18.89	1911.71	36	NA*	+2.78[1]

Notes: *Unable to evaluate change due to lack of data from previous quarter
ND: Not Detected-Laboratory PQL=<0.50 µg/L
Amsl: Above Mean Sea Level
+ Increase in concentration or elevation
- Decrease in concentration or elevation
-- Awaiting elevation survey report
[1]Represents change in PCE concentration from monitoring event on January 4, 2012

Table 2
Additional Groundwater Analytical Results, First Quarter 2012

Well ID	Date Sampled	Chromium (µg/L)	Selenium (µg/L)	Zinc (µg/L)
MW-34	March 30, 2012	0.0090	<0.010	0.011
MW-35	March 30, 2012	0.010	<0.010	0.011

The groundwater monitoring well locations selected for the first quarter monitoring event represent wells that have exhibited a general increasing trend. The range of groundwater elevations spanned from 1911.71 feet above mean sea level (amsl) (MW-37) to 1971.75 feet amsl(MW-9). Groundwater elevations are summarized in Tables 1.

PCE was detected in the groundwater samples collected from the select monitoring wells at concentrations ranging from 5.2µg/L (MW-9) to 3,500µg/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.

A duplicate sample was collected from MW-6. In MW-6, concentrations of PCE were measured at 3,500µg/L (original sample) and 3,400µg/L (duplicate sample), a relative percent difference (RPD) of 2.8%. The duplicate sample results do not show significant statistical variation based on the levels of the concentrations.

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

Summary and Conclusions

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

- PCE was detected in the groundwater samples collected from the select monitoring wells at concentrations ranging from 5.2µg/L (MW-9) to 3,500µg/L (MW-6).

Recommendations

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

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

Limitations

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

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

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

Environmental Certification Jurat

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

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

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

Sincerely,

ATC Associates Inc.

Edward S. Byers
Staff Scientist

Andrew D. Stuart
Senior Project 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

VATC

GROUNDWATER LEVEL DATA

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

PROJECT: M. Square LOCATION: 3661 S. Maryland Pkwy PROJECT NUMBER:

DATE: 3/30/12 RECORDED BY: R. C MEASURING DEVICE: WLT

WEATHER CONDITIONS:

WELL ID	TIME	DEPTH TO GROUNDWATER	TOTAL DEPTH	CASING DIAMETER (inches)	PSH THICKNESS (feet)	MANOMETER READING	PID	COMMENTS
MW1	1520	20.41	25.85	2			6.3	Missing well Lid
MW5	754	19.74	28.89	2			12.9	Missing ID + Bolts
MW6	920	20.84	29.24	2			1.8	Missing ID
MW9	940	20.50	49.90	2			0.2	Missing well Lid
MW14	855	19.33	30.13	2			81.8	LID Bad/ Manhole Well Vault Needs Replaced
MW17	1100	20.03	30.24	4			9.7	
MW27	1130	16.22	35-30	2			0.1	
MW34	1538	19.02	29.10	2			5.2	
MW35	1530	20.03	27.90	2			6.5	
MW36	1133	19.51	38.07	4			2.7	
MW37	1030	18.89	37.05	4			22.7	

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 Shopping Center
Project Number: 085.42620.0001
Sampler's Name: EC

Well ID: MW1
Sample ID: MW1
Sample Collection Date/Time: 3/30/12 16:08

Purging Equipment: Low Flow Pump
Sampling Equipment: Low Flow Pump

Casing Type: PVC
Casing Diameter: 2 inch
Depth to Well Bottom: 20.41 feet
Depth to Water: - 13.85 feet
Length of Static Water: feet
Unit Casing Volume: x gallons/foot
Casing Water Volume: gallons
Purging Volumes: x each
Estimated Purge Volume: gallons

pump @ 23'

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

Initial sample: Was free product observed?
Comments:

Purged (gal.)	Time	Conductance (mS/cm)	Temp. (°C)	pH (SU)	ORP (mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
	15:55	3.534	25.72	7.26	-47.5	2.300	1.66	29.7 NTU
	15:57	3.542	25.57	7.25	-63.8	2.298	1.41	19.3
	16:01	3.537	25.57	7.24	-68.7	2.299	1.37	7.97
	16:03	3.535	25.48	7.23	-70.1	2.297	1.32	5.42

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

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

GROUNDWATER COLLECTION LOG

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

Project Name: Maryland Square Shopping Center
Project Number: 0854?2620.0001
Sampler's Name: EC

Well ID: MW5
Sample ID: MW5
Sample Collection Date/Time: 3/30/12 845

Purging Equipment: Low Flow Pump
Sampling Equipment: Low Flow Pump

Casing Type: PVC
Casing Diameter: 2 inch
Depth to Well Bottom: 28.89 feet
Depth to Water: - 19.74 feet
Length of Static Water: 9.15 feet
Unit Casing Volume: x _____ gallons/foot
Casing Water Volume: _____ gallons
Purging Volumes: x _____ each
Estimated Purge Volume: _____ gallons

Pump @ 24'

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

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

Purged (gal.)	Time	Conductance (mS/cm)	Temp. (°C)	pH (SU)	ORP (mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
	8:35	3.289	22.81	7.16	-47.2	2.136	5.46	253 NTU Slightly cloudy
	8:37	3.295	23.23	7.19	-42.4	2.143	5.51	182 NTU
	8:39	3.298	23.46	7.22	-39.4	2.145	5.52	143. NTU
	8:41	3296	23.51	7.23	-37.9	2143	5.55	123 NTU

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Total Water Volume Purged: 5L Gallons = _____ Well Volumes
Purged Dry (Y/N): N
Comments: MISSING WELL ID + LOCK

Well Security: Locking cap? ____ yes ____ no
Bolts secured? ____ yes X no

GROUNDWATER COLLECTION LOG

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

Project Name: Maryland Square Shopping Center
Project Number: 085.42620.0001
Sampler's Name: KC

Well ID: MW4
Sample ID: MW4
Sample Collection Date/Time: 8/30/12

Purging Equipment: Low Flow Pump
Sampling Equipment: Low Flow Pump

Casing Type: PVC
Casing Diameter: 2 inch
Depth to Well Bottom: 29.24 feet
Depth to Water: - 20.84 feet @ 25'
Length of Static Water: 8.40 feet
Unit Casing Volume: x _____ gallons/foot
Casing Water Volume: _____ gallons
Purging Volumes: x _____ each
Estimated Purge Volume: _____ gallons

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

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.
	9:37	3.147	24.02	7.28	-45.8	2.028	4.78	352 NTU
	9:39	3.145	24.18	7.28	-46.0	2.048	4.60	280
	9:41	3.154	24.25	7.28	-45.5	2.058	4.51	165
	9:43	3.160	24.30	7.29	-43.5	2.078	4.37	107

Total Water Volume Purged: 5L Gallons = _____ Well Volumes
Purged Dry (Y/N): _____
Comments: Needs new lid locks

Well Security: Locking cap? Y yes ___ no
Bolts secured? Y yes ___ no

GROUNDWATER COLLECTION LOG

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

Project Name: Maryland Square Shopping Center
Project Number: 085.42620.0001
Sampler's Name: RC

Well ID: ~~MW-2~~ MW9
Sample ID: MW9
Sample Collection Date/Time: 3/30/12 14:35

Purging Equipment: Low Flow Pump
Sampling Equipment: Low Flow Pump

Casing Type: PVC
Casing Diameter: 2 inch
Depth to Well Bottom: 49.90 feet @ 35'
Depth to Water: - 20.50 feet
Length of Static Water: 29.40 feet
Unit Casing Volume: x _____ gallons/foot
Casing Water Volume: _____ gallons
Purging Volumes: x _____ each
Estimated Purge Volume: _____ gallons

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

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.
	14:15	0.987	26.63	7.90	-46.3	0.645	4.75	6.60 NTU
	14:18	1.036	26.57	7.65	-66.2	0.682	2.09	~~6.60~~ (5) 7.65 NTU
	14:21	1.118	26.62	7.56	-125.8	0.735	1.11	13.1
	14:23	1.175	26.86	7.53	-130.8	0.774	1.10	22.5
	14:25	1.121	26.99	7.53	-104.1	0.796	1.52	23.3
	14:28	1.231	26.86	7.54	-78.8	0.809	1.71	17.8

Total Water Volume Purged: 5L Gallons = _____ Well Volumes
Purged Dry (Y/N): _____
Comments: NO LOCK NO BOLTS

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

GROUNDWATER COLLECTION LOG

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

Project Name: Maryland Square Shopping Center
Project Number: 085.42620.0001
Sampler's Name:

Well ID: MW1-4
Sample ID: MW1-4
Sample Collection Date/Time: 3/30/12 9:13

Purging Equipment: Low Flow Pump
Sampling Equipment: Low Flow Pump

Casing Type: PVC
Casing Diameter: 2 inch
Depth to Well Bottom: 30.13 feet
Depth to Water: - 19.33 feet
Length of Static Water: 10.80 feet
Unit Casing Volume: x _____ gallons/foot
Casing Water Volume: _____ gallons
Purging Volumes: x _____ each
Estimated Purge Volume: _____ gallons

Pump @ 29.4'

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

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

Purged (gal.)	Time	Conductance (mS/cm)	Temp. (°C)	pH (SU)	ORP (mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
	9:05	3.592	22.89	7.18	-57.5	2.330	4.93	206 NTU
	907	3.594	23.13	7.22	0-55.5	2336	4.35	1.44 " "
	9:09	3.592	23.31	7.20	-56.2	2335	4.33	104 " "
	910	3.595	23.33	7.23	-51.3	2337	4.25	87.5

Total Water Volume Purged: 9L Gallons = _____ Well Volumes
Purged Dry (Y/N):
Comments: Well Lid Bolts Bad / Well Cover Eye Bolt Broke off.

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

GROUNDWATER COLLECTION LOG

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

Project Name: Maryland Square Shopping Center
Project Number: 085.42620.0001
Sampler's Name: R C

Well ID: MW-17
Sample ID: MW17
Sample Collection Date/Time: 03/31/12 15:25

Purging Equipment: Low Flow Pump
Sampling Equipment: Low Flow Pump

Casing Type: PVC			
Casing Diameter:		4" inch	2" = 0.16 gal/lin ft.
Depth to Well Bottom:		30.21 feet	3" = 0.37 gal/lin ft.
Depth to Water:	-	20.03 feet	4" = 0.67 gal/lin ft.
Length of Static Water:		10.18 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	

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.
	1514	3.564	24.79	7.37	-79.0	2.321	1.34	5.91
	1517	3.562	24.69	7.32	-89.2	2312	1.48	5.08
	1519	3.556	24.71	7.27	-96.6	2,311	1.37	3.31
	1521	3.555	24.72	7.24	-92.4	2.310	1.31	4.08

Total Water Volume Purged: 5L Gallons = ____ Well Volumes
Purged Dry (Y/N):
Comments: TREE ROOTS CAME OFF W/ PUMP — PUMP WAS SAVED IN WELL.

Well Security: Locking cap? ✓ yes ____ no
Bolts secured? ✓ yes ____ no

GROUNDWATER COLLECTION LOG

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

Project Name: Maryland Square Shopping Center
Project Number: 085.42620.0001
Sampler's Name: KC

Well ID: MW27
Sample ID: MW27
Sample Collection Date/Time: 3/30/12 1301

Purging Equipment: Low Flow Pump
Sampling Equipment: Low Flow Pump

Casing Type: PVC
Casing Diameter: 2 inch
Depth to Well Bottom: 35.50 feet
Depth to Water: - 16.42 feet
Length of Static Water: 19.08 feet
Unit Casing Volume: x _____ gallons/foot
Casing Water Volume: _____ gallons
Purging Volumes: x _____ each
Estimated Purge Volume: _____ gallons

pump @ 26'

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

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

Purged (gal.)	Time	Conductance (mS/cm)	Temp. (°C)	pH (SU)	ORP (mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
	1245	3.620	23.18	7.33	-50.6	2.356	2.85	12.2
	1247	3.627	23.02	7.29	-56.0	2.353	2.60	10.8
	1250	3.620	22.88	7.27	-56.2	2353	2.52	10.6
	1251	3.617	23.10	7.23	-57.5	2.351	2.50	5.85

Total Water Volume Purged: 5L Gallons = _____ Well Volumes
Purged Dry (Y/N): _____
Comments: _____

Well Security: Locking cap? ✓ yes ____ no
Bolts secured? ✓ yes ____ no

GROUNDWATER COLLECTION LOG

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

Project Name: Maryland Square Shopping Center
Project Number: 085.42620.0001
Sampler's Name: KC

Well ID: MW-34
Sample ID: MW34
Sample Collection Date/Time: 3/30/12 1730

Purging Equipment: Low Flow Pump
Sampling Equipment: Low Flow Pump

Casing Type: PVC			
Casing Diameter:		2	inch
Depth to Well Bottom:		29.10	feet
Depth to Water:	-	19.02	feet
Length of Static Water:		10.08	feet
Unit Casing Volume:	x		gallons/foot
Casing Water Volume:			gallons
Purging Volumes:	x		each
Estimated Purge Volume:			gallons

24'

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

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

Purged (gal.)	Time	Conductance (mS/cm)	Temp. (°C)	pH (SU)	ORP (mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
	1702	3.670	22.69	7.30	-46.8	2.385	1.89	29.4
	1705	3.668	22.70	7.28	-50.2	2.385	1.84	36.5
	1708	3.664	22.63	7.25	-48.8	2.380	1.93	30.4
	1711	3.663	22.63	7.24	-46.5	2.380	2.01	27.4

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

Well Security: Locking cap? ✓ yes ___ no
Bolts secured? ✓ yes ___ no

PERMANGANATE Check
= 0.0 ppm

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 Shopping Center
Project Number: 085.42620.0001
Sampler's Name: [illegible]

Well ID: MW35
Sample ID: MW35
Sample Collection Date/Time: 2/8/12 16:45

Purging Equipment: Low Flow Pump
Sampling Equipment: Low Flow Pump

Casing Type: PVC
Casing Diameter: 2 inch
Depth to Well Bottom: ~~21.90~~ 23' feet
Depth to Water: - 20.03 feet
Length of Static Water: 1.87 feet
Unit Casing Volume: x _____ gallons/foot
Casing Water Volume: _____ gallons
Purging Volumes: x _____ each
Estimated Purge Volume: _____ gallons

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

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.
	1630	3.514	23.83	7.34	-20.3	~~2.270~~	4.53	388 NTU
	16:34	3.501	23.81	7.29	-20.6	2.274	3.85	257
	16:37	3.474	23.83	7.28	-19.4	2.254	3.75	186
	16:39	3.461	23.83	7.28	-19.6	2.246	3.73	184
	1641	3.445	23.81	7.27	-20.5	2.232	3.59	181

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

Well Security: Locking cap? ✓ yes ___ no
Bolts secured? ✓ yes ___ no

PERMANGANATE CHECK = 0.0 ppm

DW
11:33

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 Shopping Center
Project Number: 085.42620.0001
Sampler's Name: RC

Well ID: MW-36
Sample ID: MW-36
Sample Collection Date/Time: 3/29/12 12:05

Purging Equipment: Low Flow Pump
Sampling Equipment: Low Flow Pump

Casing Type: PVC

Casing Diameter:		4	inch
Depth to Well Bottom:		38.07	feet
Depth to Water:	-	19.51	feet
Length of Static Water:		18.61	feet
Unit Casing Volume:	x		gallons/foot
Casing Water Volume:			gallons
Purging Volumes:	x		each
Estimated Purge Volume:			gallons

24'

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

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

Purged (gal.)	Time	Conductance (mS/cm)	Temp. (°C)	pH (SU)	ORP (mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
	11:54	3.510	23.37	7.19	-59.5	2.281	2.73	13.2
	11:56	3.515	23.42	7.18	-61.2	2.284	2.42	11.6
	11:58	3.513	23.42	7.17	-60.4	2.284	2.53	13.2
	12:01	3.512	23.44	7.17	-61.7	2.282	2.34	15.8

Total Water Volume Purged: 5L Gallons = _____ Well Volumes
Purged Dry (Y/N): N
Comments:

Well Security: Locking cap? Y yes ___ no
Bolts secured? Y yes ___ no

GROUNDWATER COLLECTION LOG

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

Project Name: Maryland Square Shopping Center
Project Number: 085.42620.0001
Sampler's Name: RC

Well ID: MW-37
Sample ID: MW-37 11:05
Sample Collection Date/Time: 3/30/12

Purging Equipment: Low Flow Pump
Sampling Equipment: Low Flow Pump

Casing Type: PVC			
Casing Diameter:		4	inch
Depth to Well Bottom:		37.05	feet
Depth to Water:	-	18.89	feet
Length of Static Water:		18.16	feet
Unit Casing Volume:	x		gallons/foot
Casing Water Volume:			gallons
Purging Volumes:	x		each
Estimated Purge Volume:			gallons

26'

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

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

Purged (gal.)	Time	Conductance (mS/cm)	Temp. (°C)	pH (SU)	ORP (mV)	TDS (g/L)	DO (mg/L)	Water Description: Color, Turbidity, Sheen, Etc.
	10:50	3.742	20.44	7.28	-21.9	2.432	7.03	15.3 NTU
	10:52	3.738	20.33	7.27	-23.3	2.430	6.63	12.7 NTU
	10:54	3.736	20.48	7.25	-24.8	2.432	6.36	12.9 NTU
	10:56	3.742	20.39	7.24	-26.8	2.432	5.55	14.1 NTU
	10:58	3.741	20.42	7.23	-27.0	2.431	5.50	11.7 NTU
	11:01	3.739	20.42	7.21	-27.1	2.431	5.55	9.54

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

Well Security: Locking cap? ✓ yes ___ no
Bolts secured? ___ yes ___ no

APPENDIX B

LABORATORY ANALYTICAL REPORTS

April 09, 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.: N007599

RE: Maryland Square Shopping Center, 085.42620.0

Attention: Andrew Stuart

Enclosed are the results for sample(s) received on April 02, 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,

for gsgesmundo

Jose Tenorio Jr.
Laboratory Director

CLIENT: ATC Associates Inc.
Project: Maryland Square Shopping Center, 085.42620.0
Lab Order: N007599

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.

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: *09-Apr-12*

CLIENT:	ATC Associates Inc.	**Client Sample ID:**	MW-1
Lab Order:	N007599	**Collection Date:**	3/30/2012 4:08:00 PM
Project:	Maryland Square Shopping Center, 085.42620	**Matrix:**	WATER
Lab ID:	N007599-001A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
			EPA 8260B			
RunID: MS1_120403A	QC Batch: D12VW038			PrepDate:		Analyst: **QBM**
Tetrachloroethene	370	5.0		µg/L	10	4/3/2012 04:36 PM
Surr: 1,2-Dichloroethane-d4	90.1	56-120		%REC	1	4/3/2012 06:35 PM
Surr: 1,2-Dichloroethane-d4	76.9	56-120		%REC	10	4/3/2012 04:36 PM
Surr: 4-Bromofluorobenzene	104	80-120		%REC	1	4/3/2012 06:35 PM
Surr: 4-Bromofluorobenzene	97.8	80-120		%REC	10	4/3/2012 04:36 PM
Surr: Dibromofluoromethane	98.1	72-120		%REC	1	4/3/2012 06:35 PM
Surr: Dibromofluoromethane	89.5	72-120		%REC	10	4/3/2012 04:36 PM
Surr: Toluene-d8	99.6	80-123		%REC	1	4/3/2012 06:35 PM
Surr: Toluene-d8	101	80-123		%REC	10	4/3/2012 04:36 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.

ANALYTICAL RESULTS

Print Date: *09-Apr-12*

CLIENT:	ATC Associates Inc.	**Client Sample ID:**	MW-5
Lab Order:	N007599	**Collection Date:**	3/30/2012 8:45:00 AM
Project:	Maryland Square Shopping Center, 085.42620	**Matrix:**	WATER
Lab ID:	N007599-002A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
			EPA 8260B			
RunID: MS1_120403A	QC Batch: D12VW038			PrepDate:		Analyst: **QBM**
Tetrachloroethene	800	5.0		µg/L	10	4/3/2012 04:56 PM
Surr: 1,2-Dichloroethane-d4	88.2	56-120		%REC	1	4/3/2012 06:55 PM
Surr: 1,2-Dichloroethane-d4	81.9	56-120		%REC	10	4/3/2012 04:56 PM
Surr: 4-Bromofluorobenzene	100	80-120		%REC	1	4/3/2012 06:55 PM
Surr: 4-Bromofluorobenzene	99.7	80-120		%REC	10	4/3/2012 04:56 PM
Surr: Dibromofluoromethane	97.1	72-120		%REC	1	4/3/2012 06:55 PM
Surr: Dibromofluoromethane	92.8	72-120		%REC	10	4/3/2012 04:56 PM
Surr: Toluene-d8	96.1	80-123		%REC	1	4/3/2012 06:55 PM
Surr: Toluene-d8	102	80-123		%REC	10	4/3/2012 04:56 PM

Qualifiers:

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

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: *09-Apr-12*

CLIENT:	ATC Associates Inc.	**Client Sample ID:**	MW-6
Lab Order:	N007599	**Collection Date:**	3/30/2012 9:47:00 AM
Project:	Maryland Square Shopping Center, 085.42620	**Matrix:**	WATER
Lab ID:	N007599-003A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
				EPA 8260B		
RunID: MS1_120404A	QC Batch: D12VW039			PrepDate:		Analyst: **QBM**
Tetrachloroethene	3500	25		µg/L	50	4/4/2012 12:35 PM
Surr: 1,2-Dichloroethane-d4	84.6	56-120		%REC	50	4/4/2012 12:35 PM
Surr: 1,2-Dichloroethane-d4	91.0	56-120		%REC	1	4/3/2012 07:54 PM
Surr: 4-Bromofluorobenzene	99.6	80-120		%REC	50	4/4/2012 12:35 PM
Surr: 4-Bromofluorobenzene	101	80-120		%REC	1	4/3/2012 07:54 PM
Surr: Dibromofluoromethane	92.8	72-120		%REC	50	4/4/2012 12:35 PM
Surr: Dibromofluoromethane	97.4	72-120		%REC	1	4/3/2012 07:54 PM
Surr: Toluene-d8	103	80-123		%REC	50	4/4/2012 12:35 PM
Surr: Toluene-d8	91.7	80-123		%REC	1	4/3/2012 07:54 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.

ANALYTICAL RESULTS

Print Date: *09-Apr-12*

CLIENT:	ATC Associates Inc.	**Client Sample ID:**	MW-6 DUP
Lab Order:	N007599	**Collection Date:**	3/30/2012 9:47:00 AM
Project:	Maryland Square Shopping Center, 085.42620	**Matrix:**	WATER
Lab ID:	N007599-004A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
			EPA 8260B			
RunID: MS1_120404A	QC Batch: D12VW039			PrepDate:		Analyst: **QBM**
Tetrachloroethene	3400	25		µg/L	50	4/4/2012 12:55 PM
Surr: 1,2-Dichloroethane-d4	88.7	56-120		%REC	50	4/4/2012 12:55 PM
Surr: 1,2-Dichloroethane-d4	85.8	56-120		%REC	1	4/3/2012 08:13 PM
Surr: 4-Bromofluorobenzene	101	80-120		%REC	50	4/4/2012 12:55 PM
Surr: 4-Bromofluorobenzene	101	80-120		%REC	1	4/3/2012 08:13 PM
Surr: Dibromofluoromethane	95.2	72-120		%REC	50	4/4/2012 12:55 PM
Surr: Dibromofluoromethane	92.0	72-120		%REC	1	4/3/2012 08:13 PM
Surr: Toluene-d8	109	80-123		%REC	50	4/4/2012 12:55 PM
Surr: Toluene-d8	92.3	80-123		%REC	1	4/3/2012 08:13 PM

Qualifiers:

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

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: *09-Apr-12*

CLIENT:	ATC Associates Inc.	**Client Sample ID:**	MW-9
Lab Order:	N007599	**Collection Date:**	3/30/2012 2:45:00 PM
Project:	Maryland Square Shopping Center, 085.42620	**Matrix:**	WATER
Lab ID:	N007599-005A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
			EPA 8260B			
RunID: MS1_120403A	QC Batch: D12VW038			PrepDate:		Analyst: **QBM**
Tetrachloroethene	5.2	0.50		µg/L	1	4/3/2012 12:39 PM
Surr: 1,2-Dichloroethane-d4	86.9	56-120		%REC	1	4/3/2012 12:39 PM
Surr: 4-Bromofluorobenzene	98.7	80-120		%REC	1	4/3/2012 12:39 PM
Surr: Dibromofluoromethane	95.7	72-120		%REC	1	4/3/2012 12:39 PM
Surr: Toluene-d8	104	80-123		%REC	1	4/3/2012 12:39 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.

ANALYTICAL RESULTS

Print Date: *09-Apr-12*

CLIENT:	ATC Associates Inc.	**Client Sample ID:**	MW-14
Lab Order:	N007599	**Collection Date:**	3/30/2012 9:13:00 AM
Project:	Maryland Square Shopping Center, 085.42620	**Matrix:**	WATER
Lab ID:	N007599-006A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
			EPA 8260B			
RunID: MS1_120403A	QC Batch: D12VW038			PrepDate:		Analyst: **QBM**
Tetrachloroethene	1600	25		µg/L	50	4/3/2012 05:36 PM
Surr: 1,2-Dichloroethane-d4	88.5	56-120		%REC	1	4/3/2012 07:34 PM
Surr: 1,2-Dichloroethane-d4	84.2	56-120		%REC	50	4/3/2012 05:36 PM
Surr: 4-Bromofluorobenzene	103	80-120		%REC	1	4/3/2012 07:34 PM
Surr: 4-Bromofluorobenzene	102	80-120		%REC	50	4/3/2012 05:36 PM
Surr: Dibromofluoromethane	95.3	72-120		%REC	1	4/3/2012 07:34 PM
Surr: Dibromofluoromethane	93.0	72-120		%REC	50	4/3/2012 05:36 PM
Surr: Toluene-d8	95.5	80-123		%REC	1	4/3/2012 07:34 PM
Surr: Toluene-d8	105	80-123		%REC	50	4/3/2012 05:36 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.

ANALYTICAL RESULTS

Print Date: *09-Apr-12*

CLIENT:	ATC Associates Inc.	**Client Sample ID:**	MW-17
Lab Order:	N007599	**Collection Date:**	3/30/2012 3:25:00 PM
Project:	Maryland Square Shopping Center, 085.42620	**Matrix:**	WATER
Lab ID:	N007599-007A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
			EPA 8260B			
RunID: MS1_120403A	QC Batch: D12VW038			PrepDate:		Analyst: **QBM**
Tetrachloroethene	320	5.0		µg/L	10	4/3/2012 03:57 PM
Surr: 1,2-Dichloroethane-d4	86.4	56-120		%REC	1	4/3/2012 05:56 PM
Surr: 1,2-Dichloroethane-d4	78.5	56-120		%REC	10	4/3/2012 03:57 PM
Surr: 4-Bromofluorobenzene	100	80-120		%REC	1	4/3/2012 05:56 PM
Surr: 4-Bromofluorobenzene	98.1	80-120		%REC	10	4/3/2012 03:57 PM
Surr: Dibromofluoromethane	96.4	72-120		%REC	1	4/3/2012 05:56 PM
Surr: Dibromofluoromethane	90.6	72-120		%REC	10	4/3/2012 03:57 PM
Surr: Toluene-d8	99.5	80-123		%REC	1	4/3/2012 05:56 PM
Surr: Toluene-d8	102	80-123		%REC	10	4/3/2012 03:57 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.

ANALYTICAL RESULTS

Print Date: *09-Apr-12*

CLIENT:	ATC Associates Inc.	**Client Sample ID:**	MW-27
Lab Order:	N007599	**Collection Date:**	3/30/2012 1:01:00 PM
Project:	Maryland Square Shopping Center, 085.42620	**Matrix:**	WATER
Lab ID:	N007599-008A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
			EPA 8260B			
RunID: MS1_120403A	QC Batch: D12VW038			PrepDate:		Analyst: **QBM**
Tetrachloroethene	470	5.0		µg/L	10	4/3/2012 04:16 PM
Surr: 1,2-Dichloroethane-d4	87.0	56-120		%REC	1	4/3/2012 06:15 PM
Surr: 1,2-Dichloroethane-d4	81.4	56-120		%REC	10	4/3/2012 04:16 PM
Surr: 4-Bromofluorobenzene	99.6	80-120		%REC	1	4/3/2012 06:15 PM
Surr: 4-Bromofluorobenzene	98.6	80-120		%REC	10	4/3/2012 04:16 PM
Surr: Dibromofluoromethane	95.4	72-120		%REC	1	4/3/2012 06:15 PM
Surr: Dibromofluoromethane	92.6	72-120		%REC	10	4/3/2012 04:16 PM
Surr: Toluene-d8	98.0	80-123		%REC	1	4/3/2012 06:15 PM
Surr: Toluene-d8	101	80-123		%REC	10	4/3/2012 04:16 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.

ANALYTICAL RESULTS

Print Date: *09-Apr-12*

CLIENT:	ATC Associates Inc.	**Client Sample ID:**	MW-34
Lab Order:	N007599	**Collection Date:**	3/30/2012 5:20:00 PM
Project:	Maryland Square Shopping Center, 085.42620	**Matrix:**	WATER
Lab ID:	N007599-009A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
			EPA 8260B			
RunID: MS1_120403A	QC Batch: D12VW038			PrepDate:		Analyst: **QBM**
Tetrachloroethene	1000	10		µg/L	20	4/3/2012 05:16 PM
Surr: 1,2-Dichloroethane-d4	86.6	56-120		%REC	1	4/3/2012 07:14 PM
Surr: 1,2-Dichloroethane-d4	82.9	56-120		%REC	20	4/3/2012 05:16 PM
Surr: 4-Bromofluorobenzene	101	80-120		%REC	1	4/3/2012 07:14 PM
Surr: 4-Bromofluorobenzene	100	80-120		%REC	20	4/3/2012 05:16 PM
Surr: Dibromofluoromethane	95.8	72-120		%REC	1	4/3/2012 07:14 PM
Surr: Dibromofluoromethane	92.2	72-120		%REC	20	4/3/2012 05:16 PM
Surr: Toluene-d8	95.9	80-123		%REC	1	4/3/2012 07:14 PM
Surr: Toluene-d8	102	80-123		%REC	20	4/3/2012 05:16 PM

Qualifiers:

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

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: *09-Apr-12*

CLIENT:	ATC Associates Inc.	**Client Sample ID:**	MW-34
Lab Order:	N007599	**Collection Date:**	3/30/2012 5:20:00 PM
Project:	Maryland Square Shopping Center, 085.42620	**Matrix:**	WATER
Lab ID:	N007599-009B		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3010A			**EPA 6010B**		
RunID: ICP2_120405A	QC Batch: 39424			PrepDate:	4/2/2012	Analyst: **JT**
Chromium	0.0090	0.0030		mg/L	1	4/5/2012 12:56 PM
Selenium	ND	0.010		mg/L	1	4/5/2012 12:56 PM
Zinc	0.011	0.010		mg/L	1	4/5/2012 12:56 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.

ANALYTICAL RESULTS

Print Date: *09-Apr-12*

CLIENT:	ATC Associates Inc.	**Client Sample ID:**	MW-35
Lab Order:	N007599	**Collection Date:**	3/30/2012 4:45:00 PM
Project:	Maryland Square Shopping Center, 085.42620	**Matrix:**	WATER
Lab ID:	N007599-010A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
			EPA 8260B			
RunID: MS1_120404A	QC Batch: D12VW039			PrepDate:		Analyst: **QBM**
Tetrachloroethene	580	10		µg/L	20	4/4/2012 12:16 PM
Surr: 1,2-Dichloroethane-d4	89.5	56-120		%REC	1	4/4/2012 01:35 PM
Surr: 1,2-Dichloroethane-d4	86.3	56-120		%REC	20	4/4/2012 12:16 PM
Surr: 4-Bromofluorobenzene	102	80-120		%REC	1	4/4/2012 01:35 PM
Surr: 4-Bromofluorobenzene	100	80-120		%REC	20	4/4/2012 12:16 PM
Surr: Dibromofluoromethane	98.0	72-120		%REC	1	4/4/2012 01:35 PM
Surr: Dibromofluoromethane	95.6	72-120		%REC	20	4/4/2012 12:16 PM
Surr: Toluene-d8	101	80-123		%REC	1	4/4/2012 01:35 PM
Surr: Toluene-d8	106	80-123		%REC	20	4/4/2012 12:16 PM

Qualifiers:

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

Results are wet unless otherwise specified

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: *09-Apr-12*

CLIENT:	ATC Associates Inc.	**Client Sample ID:**	MW-35
Lab Order:	N007599	**Collection Date:**	3/30/2012 4:45:00 PM
Project:	Maryland Square Shopping Center, 085.42620	**Matrix:**	WATER
Lab ID:	N007599-010B		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
ICP METALS						
	EPA 3010A			**EPA 6010B**		
RunID: ICP2_120405A	QC Batch: 39424			PrepDate:	4/2/2012	Analyst: **JT**
Chromium	0.010	0.0030		mg/L	1	4/5/2012 01:23 PM
Selenium	ND	0.010		mg/L	1	4/5/2012 01:23 PM
Zinc	0.011	0.010		mg/L	1	4/5/2012 01:23 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	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.

ANALYTICAL RESULTS

Print Date: *09-Apr-12*

CLIENT:	ATC Associates Inc.	**Client Sample ID:**	MW-36
Lab Order:	N007599	**Collection Date:**	3/30/2012 12:07:00 PM
Project:	Maryland Square Shopping Center, 085.42620	**Matrix:**	WATER
Lab ID:	N007599-011A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				**EPA 8260B**		
RunID: MS1_120404A	QC Batch: D12VW039			PrepDate:		Analyst: **QBM**
Tetrachloroethene	160	2.5		µg/L	5	4/4/2012 11:56 AM
Surr: 1,2-Dichloroethane-d4	88.9	56-120		%REC	1	4/4/2012 01:15 PM
Surr: 1,2-Dichloroethane-d4	79.9	56-120		%REC	5	4/4/2012 11:56 AM
Surr: 4-Bromofluorobenzene	104	80-120		%REC	1	4/4/2012 01:15 PM
Surr: 4-Bromofluorobenzene	97.6	80-120		%REC	5	4/4/2012 11:56 AM
Surr: Dibromofluoromethane	96.7	72-120		%REC	1	4/4/2012 01:15 PM
Surr: Dibromofluoromethane	92.8	72-120		%REC	5	4/4/2012 11:56 AM
Surr: Toluene-d8	104	80-123		%REC	1	4/4/2012 01:15 PM
Surr: Toluene-d8	105	80-123		%REC	5	4/4/2012 11:56 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.

ANALYTICAL RESULTS

Print Date: *09-Apr-12*

CLIENT:	ATC Associates Inc.	**Client Sample ID:**	MW-37
Lab Order:	N007599	**Collection Date:**	3/30/2012 11:05:00 AM
Project:	Maryland Square Shopping Center, 085.42620	**Matrix:**	WATER
Lab ID:	N007599-012A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
			EPA 8260B			
RunID: MS1_120404A	QC Batch: D12VW039			PrepDate:		Analyst: **QBM**
Tetrachloroethene	36	0.50		µg/L	1	4/4/2012 11:32 AM
Surr: 1,2-Dichloroethane-d4	86.8	56-120		%REC	1	4/4/2012 11:32 AM
Surr: 4-Bromofluorobenzene	100	80-120		%REC	1	4/4/2012 11:32 AM
Surr: Dibromofluoromethane	95.0	72-120		%REC	1	4/4/2012 11:32 AM
Surr: Toluene-d8	105	80-123		%REC	1	4/4/2012 11:32 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.

ANALYTICAL RESULTS

Print Date: *09-Apr-12*

CLIENT:	ATC Associates Inc.	**Client Sample ID:**	TRIP BLANK
Lab Order:	N007599	**Collection Date:**	3/30/2012 6:00:00 AM
Project:	Maryland Square Shopping Center, 085.42620	**Matrix:**	WATER
Lab ID:	N007599-013A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
			EPA 8260B			
RunID: MS1_120403A	QC Batch: D12VW038			PrepDate:		Analyst: **QBM**
Tetrachloroethene	ND	0.50		µg/L	1	4/3/2012 12:59 PM
Surr: 1,2-Dichloroethane-d4	89.3	56-120		%REC	1	4/3/2012 12:59 PM
Surr: 4-Bromofluorobenzene	104	80-120		%REC	1	4/3/2012 12:59 PM
Surr: Dibromofluoromethane	99.0	72-120		%REC	1	4/3/2012 12:59 PM
Surr: Toluene-d8	109	80-123		%REC	1	4/3/2012 12:59 PM

Qualifiers:

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

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: *09-Apr-12*

CLIENT:	ATC Associates Inc.	**Client Sample ID:**	FIELD BLANK
Lab Order:	N007599	**Collection Date:**	3/30/2012 10:15:00 AM
Project:	Maryland Square Shopping Center, 085.42620	**Matrix:**	WATER
Lab ID:	N007599-014A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
			EPA 8260B			
RunID: MS1_120403A	QC Batch: D12VW038			PrepDate:		Analyst: **QBM**
Tetrachloroethene	ND	0.50		µg/L	1	4/3/2012 01:19 PM
Surr: 1,2-Dichloroethane-d4	89.0	56-120		%REC	1	4/3/2012 01:19 PM
Surr: 4-Bromofluorobenzene	104	80-120		%REC	1	4/3/2012 01:19 PM
Surr: Dibromofluoromethane	98.1	72-120		%REC	1	4/3/2012 01:19 PM
Surr: Toluene-d8	106	80-123		%REC	1	4/3/2012 01:19 PM

Qualifiers:

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

Advanced Technology Laboratories, Inc.

ANALYTICAL RESULTS

Print Date: *09-Apr-12*

CLIENT:	ATC Associates Inc.	**Client Sample ID:**	EQUIPMENT BLANK
Lab Order:	N007599	**Collection Date:**	3/30/2012 1:15:00 PM
Project:	Maryland Square Shopping Center, 085.42620	**Matrix:**	WATER
Lab ID:	N007599-015A		

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS						
			EPA 8260B			
RunID: MS1_120403A	QC Batch: D12VW038			PrepDate:		Analyst: **QBM**
Tetrachloroethene	ND	0.50		µg/L	1	4/3/2012 01:38 PM
Surr: 1,2-Dichloroethane-d4	91.0	56-120		%REC	1	4/3/2012 01:38 PM
Surr: 4-Bromofluorobenzene	106	80-120		%REC	1	4/3/2012 01:38 PM
Surr: Dibromofluoromethane	99.5	72-120		%REC	1	4/3/2012 01:38 PM
Surr: Toluene-d8	110	80-123		%REC	1	4/3/2012 01:38 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		

CLIENT: ATC Associates Inc.
Work Order: N007599
Project: Maryland Square Shopping Center, 085.42620.0

ANALYTICAL QC SUMMARY REPORT

TestCode: 6010_W

Sample ID: MB-39424	SampType: MBLK	TestCode: 6010_W	Units: mg/L	Prep Date: 4/2/2012	RunNo: 83827
Client ID: PBW	Batch ID: 39424	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 4/5/2012	SeqNo: 1380526

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	ND	0.0030									
Selenium	ND	0.010									
Zinc	ND	0.010									

Sample ID: LCS-39424	SampType: LCS	TestCode: 6010_W	Units: mg/L	Prep Date: 4/2/2012	RunNo: 83827
Client ID: LCSW	Batch ID: 39424	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 4/5/2012	SeqNo: 1380527

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	0.505	0.0030	0.5000	0	101	85	115				
Selenium	0.488	0.010	0.5000	0	97.7	85	115				
Zinc	0.512	0.010	0.5000	0	102	85	115				

Sample ID: N007599-009B-MS	SampType: MS	TestCode: 6010_W	Units: mg/L	Prep Date: 4/2/2012	RunNo: 83827
Client ID: ZZZZZZ	Batch ID: 39424	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 4/5/2012	SeqNo: 1380531

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	0.497	0.0030	0.5000	0.009039	97.6	75	125				
Selenium	0.545	0.010	0.5000	0.006418	108	75	125				
Zinc	0.530	0.010	0.5000	0.01139	104	64	125				

Sample ID: N007599-009B-MSD	SampType: MSD	TestCode: 6010_W	Units: mg/L	Prep Date: 4/2/2012	RunNo: 83827
Client ID: ZZZZZZ	Batch ID: 39424	TestNo: EPA 6010B	EPA 3010A	Analysis Date: 4/5/2012	SeqNo: 1380532

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	0.497	0.0030	0.5000	0.009039	97.5	75	125	0.4970	0.0821	20	
Selenium	0.542	0.010	0.5000	0.006418	107	75	125	0.5449	0.519	20	
Zinc	0.527	0.010	0.5000	0.01139	103	75	125	0.5300	0.513	20	

Qualifiers:

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

CLIENT: ATC Associates Inc.
Work Order: N007599
Project: Maryland Square Shopping Center, 085.42620.0

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **D120403LCS**	SampType: **LCS**	TestCode: **8260_WP_LL**	Units: **µg/L**	Prep Date:	RunNo: **83811**
Client ID: **LCSW**	Batch ID: **D12VW038**	TestNo: **EPA 8260B**		Analysis Date: **4/3/2012**	SeqNo: **1379988**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	18.240	0.50	20.00	0	91.2	80	120				
Benzene	19.970	0.50	20.00	0	99.8	80	120				
Chlorobenzene	19.550	0.50	20.00	0	97.8	80	120				
MTBE	16.680	0.50	20.00	0	83.4	70	120				
Toluene	19.720	0.50	20.00	0	98.6	80	120				
Trichloroethene	20.690	0.50	20.00	0	103	80	120				
Surr: 1,2-Dichloroethane-d4	24.520		25.00		98.1	56	120				
Surr: 4-Bromofluorobenzene	25.680		25.00		103	80	120				
Surr: Dibromofluoromethane	25.940		25.00		104	72	120				
Surr: Toluene-d8	24.960		25.00		99.8	80	123				

Sample ID: **N007599-005AMS**	SampType: **MS**	TestCode: **8260_WP_LL**	Units: **µg/L**	Prep Date:	RunNo: **83811**
Client ID: **ZZZZZZ**	Batch ID: **D12VW038**	TestNo: **EPA 8260B**		Analysis Date: **4/3/2012**	SeqNo: **1379989**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	25.180	0.50	20.00	5.220	99.8	70	145				
Surr: 1,2-Dichloroethane-d4	23.280		25.00		93.1	56	120				
Surr: 4-Bromofluorobenzene	25.310		25.00		101	80	120				
Surr: Dibromofluoromethane	25.410		25.00		102	72	120				
Surr: Toluene-d8	24.340		25.00		97.4	80	123				

Sample ID: **N007599-005AMSD**	SampType: **MSD**	TestCode: **8260_WP_LL**	Units: **µg/L**	Prep Date:	RunNo: **83811**
Client ID: **ZZZZZZ**	Batch ID: **D12VW038**	TestNo: **EPA 8260B**		Analysis Date: **4/3/2012**	SeqNo: **1379990**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	24.420	0.50	20.00	5.220	96.0	70	145	25.18	3.06	20	
Surr: 1,2-Dichloroethane-d4	23.900		25.00		95.6	56	120		0		
Surr: 4-Bromofluorobenzene	25.060		25.00		100	80	120		0		
Surr: Dibromofluoromethane	25.750		25.00		103	72	120		0		
Surr: Toluene-d8	24.430		25.00		97.7	80	123		0		

Qualifiers:

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

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: N007599
Project: Maryland Square Shopping Center, 085.42620.0

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **D120403MB4**	SampType: **MBLK**	TestCode: **8260_WP_LL**	Units: **µg/L**	Prep Date:	RunNo: **83811**
Client ID: **PBW**	Batch ID: **D12VW038**	TestNo: **EPA 8260B**		Analysis Date: **4/3/2012**	SeqNo: **1379991**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	ND	0.50									
Surr: 1,2-Dichloroethane-d4	20.640		25.00		82.6	56	120				
Surr: 4-Bromofluorobenzene	26.150		25.00		105	80	120				
Surr: Dibromofluoromethane	23.320		25.00		93.3	72	120				
Surr: Toluene-d8	27.550		25.00		110	80	123				

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits

Calculations are based on raw values

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

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: N007599
Project: Maryland Square Shopping Center, 085.42620.0

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: D120404LCS	SampType: LCS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 83835
Client ID: LCSW	Batch ID: D12VW039	TestNo: EPA 8260B		Analysis Date: 4/4/2012	SeqNo: 1380678

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	19.970	0.50	20.00	0	99.8	80	121				
Surr: 1,2-Dichloroethane-d4	24.030		25.00		96.1	56	120				
Surr: 4-Bromofluorobenzene	25.900		25.00		104	80	120				
Surr: Dibromofluoromethane	26.410		25.00		106	72	120				
Surr: Toluene-d8	25.600		25.00		102	80	123				

Sample ID: N007608-001GMS	SampType: MS	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 83835
Client ID: ZZZZZZ	Batch ID: D12VW039	TestNo: EPA 8260B		Analysis Date: 4/4/2012	SeqNo: 1380679

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	19.250	0.50	20.00	0	96.2	70	145				
Surr: 1,2-Dichloroethane-d4	25.060		25.00		100	56	120				
Surr: 4-Bromofluorobenzene	26.220		25.00		105	80	120				
Surr: Dibromofluoromethane	25.940		25.00		104	72	120				
Surr: Toluene-d8	25.280		25.00		101	80	123				

Sample ID: N007608-001GMSD	SampType: MSD	TestCode: 8260_WP_LL	Units: µg/L	Prep Date:	RunNo: 83835
Client ID: ZZZZZZ	Batch ID: D12VW039	TestNo: EPA 8260B		Analysis Date: 4/4/2012	SeqNo: 1380680

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	19.450	0.50	20.00	0	97.3	70	145	19.25	1.03	20	
Surr: 1,2-Dichloroethane-d4	24.350		25.00		97.4	56	120		0		
Surr: 4-Bromofluorobenzene	25.580		25.00		102	80	120		0		
Surr: Dibromofluoromethane	26.060		25.00		104	72	120		0		
Surr: Toluene-d8	25.010		25.00		100	80	123		0		

Qualifiers:

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

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: N007599
Project: Maryland Square Shopping Center, 085.42620.0

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_WP_LL

Sample ID: **D120404MB2**	SampType: **MBLK**	TestCode: **8260_WP_LL**	Units: **µg/L**	Prep Date:	RunNo: **83835**
Client ID: **PBW**	Batch ID: **D12VW039**	TestNo: **EPA 8260B**		Analysis Date: **4/4/2012**	SeqNo: **1380681**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	ND	0.50									
Surr: 1,2-Dichloroethane-d4	22.580		25.00		90.3	56	120				
Surr: 4-Bromofluorobenzene	27.220		25.00		109	80	120				
Surr: Dibromofluoromethane	24.420		25.00		97.7	72	120				
Surr: Toluene-d8	28.080		25.00		112	80	123				

Qualifiers:

- B Analyte detected in the associated Method Blank
- ND Not Detected at the Reporting Limit
- DO Surrogate Diluted Out
- E Value above quantitation range
- R RPD outside accepted recovery limits

Calculations are based on raw values

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

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

CHAIN OF CUSTODY RECORD

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

FOR LABORATORY USE ONLY

P.O. #:
Logged By: Date: 4/2/12

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FedEx ☐ Other:

Sample Condition Upon Receipt
1. CHILLED 2 IR#2 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	Address: 2925 E. Patrick Lane #M		Tel: 702-798-5750
Attention: Andrew Stuart	City: Las Vegas	State: NV Zip Code: 89120	Fax: 702-798-5742

Project Name: Maryland Square Shopping Center
Project #: 085.42620.0001
Sampler: (Printed Name) EB
I attest to the validity and authenticity of this sample. I am aware that tampering with or intentionally mislabeling the sample location, date or time of collection is considered fraud and may be grounds for legal action.

Relinquished by: (Signature and Printed Name) Edward Byers	Date: 3/30/12	Time: 1900	Received by: (Signature and Printed Name) DMG Esq	Date: 4/2/12	Time: 10:06
Relinquished by: (Signature and Printed Name) DMG Esq	Date: 4/2/12	Time: 1082	Received by: (Signature and Printed Name)	Date: 4/2/12	Time: 1032
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Edward Byers 3/30/12
Print Name Date
Signature

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

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

Special Instructions/Comments:
email results to andrew.stuart@atcassociates.com

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)

Circle or Add Analysis(es) Requested

SPECIFY APPROPRIATE: SOIL / WATER / GROUND WATER / WASTEWATER / AIR

PRESERVATION

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

ITEM	LAB USE ONLY: Lab No.	Sample ID / Location	Date	Time	8260B (Volatiles)	8260B (BTEX)/MTBE/(naphthalene)	8015M (TPH)	8015B (DRO)/(Motor Oil/ORO)	RCRA 7 (6010B/7000)	VOC's 8260 Short List	TO3; TPH/BTEX/MTBE	8015 TPH	PCE	CHROMIUM,SELENIUM,ZINC	SOIL	WATER	GROUND WATER	WASTEWATER	AIR	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	H007599-1	MW-1	3/30/2012	1600								X				X				E	3	V		
	-2	MW-5	3/30/2012	845								X				X				E	3	V		
	-3	MW-6	3/30/2012	947								X				X				E	3	V		
	-4	MW-6 DUP	3/30/2012	947								X				X				E	3	V		
	-5	MW-9	3/30/2012	1445								X				X				E	3	V		
	-6	MW-14	3/30/2012	913								X				X				E	3	V		
	-7	MW-17	3/30/2012	1525								X				X				E	3	V		
	-8	MW-27	3/30/2012	1301								X				X				E	3	V		
	-9	MW-34	3/30/2012	1920								X	X			X				E	4	V	P	
	-10	MW-35	3/30/2012	1645								X	X			X				E	4	V	P	

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

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

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

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

CHAIN OF CUSTODY RECORD

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Las Vegas, NV 89118
Tel: (702) 307-2659 • Fax: (702) 307-2691

FOR LABORATORY USE ONLY

P.O. #:
Logged By: Date: 4/2/12

Method of Transport: Client ☐ ATL ☐ CA OverN ☐ FedEx ☐ Other:

Sample Condition Upon Receipt
1. CHILLED 2.8 4 ☐ 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 ☐

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Relinquished by: (Signature and Printed Name)	PM Galy	Date: 4/2/12	Time: 1082	Received by: (Signature and Printed Name)		Date: 4/2/12	Time: 1032
Relinquished by: (Signature and Printed Name)		Date:	Time:	Received by: (Signature and Printed Name)		Date:	Time:

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Print Name Date
Signature

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Attn: Andrew Stuart
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Addr: 2925 E. Patrick Lane #M
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PRESERVATION

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

ITEM	LAB USE ONLY: Lab No.	Sample Description: Sample ID / Location	Date	Time	8260B (Volatiles)	8260B (BTEX)/MTBE/(naphthalene)	8015M (TPH)	8015B (DRO) (Motor Oil/ORO)	RCRA 7 (6010B/7000)	VOC's 8260 Short List	TCD; TPH/BTEX/MTBE	8015 TPH	PCE	CHROMIUM,SELENIUM,ZINC	SOIL	WATER	GROUND WATER	WASTEWATER	AIR	TAT	Container(s) #	Container(s) Type	REMARKS
	N007590-11	MW-36	3/30/2012	1202									X			X				E	3	V	
	-12	MW-37	3/30/2012	1105									X			X				E	3	V	
	-13	TRIP BLANK	3/30/2012	0600									X			X				E	3	V	
	-14	FIELD BLANK	3/30/2012	1015									X			X				E	3	V	
	-15	EQUIPMENT BLANK	3/30/2012	1315									X			X				E	3	V	

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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:	4/2/2012	Workorder:	N007599
Rep sample Temp (Deg C):	2.8	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 ☑	No ☐	Not Present ☐
2. Custody seals intact, signed, dated on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑
3. Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
4. Chain of custody present?	Yes ☑	No ☐	
5. Sampler's name present in COC?	Yes ☑	No ☐	
6. Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
7. Chain of custody agrees with sample labels?	Yes ☑	No ☐	
8. Samples in proper container/bottle?	Yes ☑	No ☐	
9. Sample containers intact?	Yes ☑	No ☐	
10. Sufficient sample volume for indicated test?	Yes ☑	No ☐	
11. All samples received within holding time?	Yes ☑	No ☐	
12. Temperature of rep sample or Temp Blank within acceptable limit?	Yes ☑	No ☐	NA ☐
13. Water - VOA vials have zero headspace?	Yes ☑	No ☐	NA ☐
14. Water - pH acceptable upon receipt? Example: pH > 12 for (CN,S); pH<2 for Metals	Yes ☑	No ☐	NA ☐
15. Did the bottle labels indicate correct preservatives used?	Yes ☑	No ☐	NA ☐
16. Were there Non-Conformance issues at login?	Yes ☐	No ☐	NA ☑
Was Client notified?	Yes ☐	No ☐	NA ☑

Comments:

Checklist Completed B MBC 4/5/12

Reviewed By: