

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:

ATC Associates Inc 2925 East Patrick Lane, Suite M Las Vegas, Nevada 89120 Phone: 702-798-5750 Fax: 702-798-5742



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 waterbearing 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 collected for 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.

	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						

Table 1Froundwater 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-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

¹Represents change in PCE concentration from monitoring event on January 4, 2012

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					

Table 2Additional Groundwater Analytical Results, First Quarter 2012

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 $5.2\mu g/L$ (MW-9) to $3,500\mu g/L$ (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 $5 \mu g/L$.

A duplicate sample was collected from MW-6. In MW-6, concentrations of PCE were measured at $3,500\mu g/L$ (original sample) and $3,400\mu g/L$ (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 AField SheetsAppendix BLaboratory Analytical Reports

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

APPENDIX A

FIELD SHEETS

GROUNDWATER LEVEL DATA

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

. ROJECT: M. SOME 3661 S. MARCHARD Drehy LOCATION: PROJECT NUMBER: R 3 C 7 RECORDED BY: MEASURING DEVICE: DATE: いト

WEATHER CONDITIONS:

VATC

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WELL ID	TIME	DEPTH TO GROUNDWATER	TOTAL DEPTH	CASING DIAMETER	PSH THICKNESS	MANOMETER READING	PID	COMMENTS
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	1000			、 				
MW5	154	19.74	28.89	2_			12.9	Mysubled + BolTS
MWB	No	20.84	29.24	7_	·	. <u>.</u>	1.8	Messul 100
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MWg	MW	20.50	47.90	2	· · · · · · · · · · · · · · · · · · ·		0.2	MUSTAL Well LUD
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MW27	1230	16.22	35-30	2			0.1	
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MW35	1530	1003	2290	-7-			6.5	· · · ·
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MW37	6030	18.89	37.05	4			22.7	
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ATC ASSOCIATES INC. 2925 EAST PATRICK LANE, SUITE M LAS VEGAS, NEVADA 89120-2457 (702) 798-5750 (702) 798-5742 fax

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(gal.)		(mS/cm)	(°C)	(SU)	(mV)	(g/L)	(mg/L)	Turbidity, Sheen, Etc.
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	15.57	3.542	25.57	7.25	- 63-8	2.998	1-41	19.3
	16:0l	3537	25.57	7.24	- 68:7	2.299	1.37	7.97
<u> </u>	16:03	3,535	25.48	7.23	\$ 70.1	2.297	1.32	5-42
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GROUNDWATER COLLECTION LOG

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

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GROUNDWATER COLLECTION LOG

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

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

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	umber: 3 Name: iquipment:	Maryland Squa 085,42620,000 22 Low Flow Pump Low Flow Pump	1 >	nter 	San	nple Collectio	Well ID: Sample ID: n Date/Time:	MWY	
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ATC ASSOCIATES INC. 2925 EAST PATRICK LANE, SUITE M LAS VEGAS, NEVADA 89120-2457 (702) 798-5750 (702) 798-5742 fax

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

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(gal.)		(mS/cm)	(°C)	(SU)	(mV)	(g/L)	(mg/L)	Turbidity, Sheen, Etc.
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 1514	3.564	24.79	7.37	-79.0	2.321	1:39	5.91
15717-	3.562	24-69	7.32	- 89.2	2312	1.48	5.08
1519	3.556	24-71	7.27	=966	2311	1.37	3.31
1521	3.555	24-72	7.24	-92.4	2.310	1+3l	4.08
					•		
-	•						
	•						
				•			
			-				

SL Total Water Volume Purged: Gallons ≈ Well Volumes Purged Dry (Y/N); And Wats Saler we well. Vest MANE Comments: -C 10074

no

Well Security:

t

yes ____ Locking cap? Bolts secured? <u>/yes</u> _no

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GROUNDWATER COLLECTION LOG

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

	295.42620.000	0	enter 	Sample Collection I	Well ID: MW27 Sample ID: MIN77 Date/Time: 3/80/12 (301
Company Equipment.				-	
Casing Type: PVC		0			
Casing Diameter:			_ inch		2" = 0.16 gal/lin ft.
Depth to Well Bottom:	•	\$5.50	feet	que 26	3" = 0,37 gal/lin ft.
Depth to Water:	-	16.27	feet	1.	4" = 0.67 gai/lin ft.
Length of Static Water	:	19.08	_ 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 Volur	ne:		gallons		
Initial sample:		Was free prod	uct observed?		· ·
Comments:		•			

Purged	Time	Conductance	Temp.	рН	ORP	TDS	DO	Water Description: Color,
(gal.)		(mS/cm)	(°C)	(SU)	(mV)	(g/L)	(mg/L)	Turbidity, Sheen, Etc.
	1245		23-18	7.33	~.50.6	23.56	2.83	1202
	12:47	3,627	23.02	7:29	-56-0	2353	2.60	10.8
	12:50	3.620	22-88	7.27	-56.2		2.52	10.6
	12:51	3.617	23.10	7.23	- 575	2.351	2.50	5-85
		•						
							c.	
	-							
								· · · · · · · · · · · · · · · · · · ·
Total Wate	er Volume P	urged:	51	Gallons =			I	Well Volumes
Purged Dr							-	· · · · · · · · · · · · · · · · · · ·
Comment	s:							

Well Security:

Locking cap? x∕es Bolts secured? ∠yes _ _no

_no

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

Project Na Project Ni Sampler's	umber:	Maryland Squa 085.42620.000		nter -	San	nple Collectio	Well ID: Sample ID: n Date/Time:	MW 34, MW 34, 	770
Purging E Sampling	quipment: Equipment:	Low Flow Pump Low Flow Pump)		· · · ·		 		
Depth to V Length of Unit Casir Casing W Purging V	ameter: Well Bottom Vater: Static Wate ng Volume: ater Volume folumes: I Purge Volu nple:	er: X e: X	2 297.00 19.02 10.00 Was free produ	inch feet feet gallons/foo gallons each gallons act observed				2" = 0.16 gal/lir 3" = 0.37 gal/lir 4" = 0.67 gal/lir 6" = 1.47 gal/lir 8" = 2.60 gal/lir 10" = 4.10 gal/li	1 ft. 1 ft. 1 ft. 1 ft.
Purged	Time	Conductance	Temp.	рН	ORP	TDS	DO	Water Description:	
(gal.)		(mS/cm)	(°C)	(SU)	(mV)	(g/L)	(mg/L)	Turbidity, Sheen,	Etc.
<u></u>	1702	3.670	22.69	7.30	-46-8	2.383	1.89	29.4	
	1705	3.668	22.70	7.28	-50.2	2.385	1.84	36.5	
	(108	3,664	22.63	2.25	- 48.8	2.380	1.93	30.4	
	17-11	3.663	22.63	7.24	-46.5	2.380	2.01	27.4.	<u>.</u>
								·	
	•	•							
				1	1	1			

S:\Common\Forms\Field forms\New Meter ATC GW Collection Log 11-2011\GW Log

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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 N Project N Sampler's Purging E Sampling	umber: s Name: Equipment:	Maryland Squar 085.42620.000 Low Flow Pump Low Flow Pump	1 >	enter 	San	ple Collection	Well ID: Sample ID: n Date/Time:	MW 35 MW 35 3[Bolf 12	16:45
Depth to V Length of Unit Casin Casing W Purging V	lameter: Well Bottom Water: Static Wate ng Volume: /ater Volume	er: X e: X	2790 2003 764	_ inch _ feet _ feet _ gallons/fou _ gallons _ each _ gallons	23' ot			2" = 0.16 3" = 0.37 4" = 0.67 6" = 1.47 8" = 2.60 10" = 4.10	gal/lin ft. gal/lin ft. gal/lin ft. gal/lin ft.
Initial san Comment	-		Was free prod	uct observe	d?				
Purged	Time	Conductance (mS/cm)	Temp. (°C)	pH (SU)	ORP (mV)	TDS (g/L)	DO (mg/L)	Water Descript Turbidity, Sh	
(gal.)	1630	3.574	23,83	7.34	~20.3	2210	4.53	338 NT	and the second se
	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	189)
	1641	3.445	23.81	7.27	-20.5	2.237	3.59	181	
	•	·							
								<u></u>	
									-
			. 					<u></u>	

Д 11:33



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GROUNDWATER COLLECTION LOG

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

	yland Square Shoppi 42620.0001	ng Center	Sample Col	Well ID: MW、3G Sample ID: MW 36 lection Date/Time: ろ(スマイム) (スペム)
	Flow Pump	•		·
Sampling Equipment: Low	Flow Pump		-	
Casing Type: PVC Casing Diameter: Depth to Well Bottom: Depth to Water: Length of Static Water: Unit Casing Volume: Casing Water Volume:	- <u>19.5</u> - <u>19.5</u> - <u>10.6</u> - <u>10.6</u>	<u>feet</u>	Ue'	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.
Purging Volumes:	x	each		· ·
Estimated Purge Volume:		gallons		
Initial sam <u>ple:</u> Comments:	Was free	product observe	d?	

DO Water Description: Color, ORP TDS Purged Time Conductance Temp. рH Turbidity, Sheen, Etc. (g/L) (mg/L)(gal.) (mS/cm) (°C) (SU) (mV)2.281 13.2 3510 23.37 7.19 -59.5 2:73 5 2.284 11.6 3515 7.18 61.2 01:56 242 23:42 -m-23.42 3513 7.12 2:53 13.2 -----bсц 2:224 11.58 3,512 23.44 2-282 5.8 2.34 12:01 7.17 -61.7 5/2 Total Water Volume Purged: Gallons = Well Volumes Purged Dry (Y/N):

Comments:

Well Security:

Locking cap? ____yes ____no Bolts secured? ___yes ____no

. .

S:\Common\Forms\Field forms\New Meter ATC GW Collection Log 11-2011\GW Log

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

	Maryland Square	Shopping Center	Sample Co	Well ID: M Sample ID: A Ilection Date/Time:	LW 51 11:05
	ow Flow Pump				
Sampling Equipment:	ow Flow Pump	-		·····	· · · · · · · · · · · · · · · · · · ·
Casing Type: PVC Casing Diameter: Depth to Well Bottom: Depth to Water: Length of Static Water: Unit Casing Volume: Casing Water Volume: Purging Volumes: Estimated Purge Volum	× ×	inch feet feet <u>8.16</u> feet gallons/foot gallons each 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 sam <u>ple:</u> Comments:	w	as free product observed?	>		·

Purged (gal.)	Time	Conductance (mS/cm)	Temp. (°C)	pH (SU)	ORP (mV)	TDS (g/L)	DO (mg/L)		iption: Color, 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	727.	-23.3	2.430	6.63	12.7	NTU
	1054	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	NYU
	10:58	3.741	20.42	7.23	- 27.0	2.431	5.50	11.7	NTU
	iliot	3.739	20.42	7.21	- 27.1	2-431	5.55	9.54	
			, <u>, , , , , , , , , , , , , , , , </u>						
							4m		
	- 								
		- -							
Total Wat	er Volume F	Purded: C	N	Gallons ≃	· · · · ·			Well Vol	umes
Purged D	ry (Y/N):						•		
Comment	s:							•	

Well Security:

ţ

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.

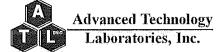
Thank you for the opportunity to service the needs of your company.Please feel free to call me at (702) 307-2659 if I can be of further assistance to your company.

Sincerely,

gomund

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.



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, 085.42620.0Lab Order:N007599

CASE NARRATIVE

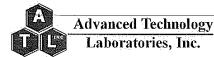
SAMPLE RECEIVING/GENERAL COMMENTS:

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.



ANALYTICAL RESULTS

Print Date: 09-Apr-12

VOLATILE OR	GANIC COMPOUNDS B	Y GC/MS	E	PA 8260B		
Analyses		Result	PQL Qual	Units	DF	Date Analyzed
Lab ID:	N007599-001A					
Project:	Maryland Square Sho	pping Center, 0	85.42620	Matrix:	WATER	
Lab Order:	N007599		Colle	ction Date:	3/30/2012 4	:08:00 PM
CLIENT:	ATC Associates Inc.		Client	Sample ID:	MW-1	

RunID: MS1_120403A	QC Batch: D12	VW038	Prepl	Date:	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:

В

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

Advanced Technology Laboratories, Inc. 3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-307-2659 Fax: 7

Value above quantitation range

ND Not Detected at the Reporting Limit

Results are wet unless otherwise specified

Е

Fax: 702-307-2691

ANALYTICAL RESULTS

Print Date: 09-Apr-12

CLIENT: Lab Order:	ATC Associat N007599	es Inc.		Client Sample Collection D	e ID: MW-5 Pate: 3/30/2012	8:45:00 AM		
Project:	Maryland Squ	are Shopping Co	enter, 085.42620) Ma	trix: WATER			
Lab ID:	N007599-002							
Analyses		Res	ult PQL	Qual Units	DF	Date Analyzed		
VOLATILE OR	GANIC COMPOU	NDS BY GC/MS		EPA 826	0B			
RunID: MS1_1	120403A	QC Batch:	D12VW038	8 PrepDate		Analyst: QBM		
Tetrachloroeth	ene	8	300 5.0) µg/L	10	4/3/2012 04:56 PM		
Surr: 1,2-Dic	chloroethane-d4	8	8.2 56-120	%REC	1	4/3/2012 06:55 PM		
Surr: 1,2-Dic	chloroethane-d4	8	1.9 56-120) %REC	10	4/3/2012 04:56 PM		
Surr: 4-Bron	nofluorobenzene	1	00 80-120) %REC	1	4/3/2012 06:55 PM		
Surr: 4-Bron	nofluorobenzene	9	9.7 80-120) %REC	10	4/3/2012 04:56 PM		
Surr: Dibrom	nofluoromethane	· 9	7.1 72-120	%REC	1	4/3/2012 06:55 PM		
Surr: Dibron	ofluoromethane	9	2.8 72-120	%REC	10	4/3/2012 04:56 PM		
Surr: Toluen	e-d8	9	6.1 80-123	%REC	1	4/3/2012 06:55 PM		
Surr: Toluen	e-d8	1	02 80-123	%REC	10	4/3/2012 04:56 PM		

Qualifiers:

в

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.

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ANALYTICAL RESULTS

Print Date: 09-Apr-12

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4/4/2012 12:35 PM

4/3/2012 07:54 PM

CLIENT: Lab Order:	ATC Associates N007599	Inc.		Client Sample Collection Da	ID: MW-6 .te: 3/30/2012 9	:47:00 AM
Project:	Maryland Squar	e Shopping Co	nter, 085.42620	Matr	ix: WATER	
Lab ID:	N007599-003A					
Analyses		Res	ult PQL	Qual Units	DF	Date Analyzed
RunID: MS1_1	20404A	QC Batch:	D12VW039	P	repDate:	Analyst: QBN
-					50	4/4/2012 12:35 PM
Tetrachloroethe	hloroethane-d4		00 25 4.6 56-120	1-3/-	50	4/4/2012 12:35 PM
•	hloroethane-d4		1.0 56-120		1	4/3/2012 07:54 PM
,	ofluorobenzene		9.6 80-120		50	4/4/2012 12:35 PM
Surr: 4-Bromofluorobenzene		-	01 80-120	%REC	1	4/3/2012 07:54 PM
Surr: 4-Brom	ofluorobenzene	4	00 140			-1/012.012.012.01.01.01.01
	ofluorobenzene ofluoromethane		2.8 72-120		50	4/4/2012 12:35 PM

80-123

80-123

103

91.7

%REC

%REC

Qualifiers:

в

Surr: Toluene-d8

Surr: Toluene-d8

Analyte detected in the associated Method Blank Holding times for preparation or analysis exceeded

- H Holding times for preparation or analysis exceededS Spike/Surrogate outside of limits due to matrix interf
- E Value above quantitation rangeND Not Detected at the Reporting Limit

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

ANALYTICAL RESULTS

Print Date: 09-Apr-12

CLIENT: Lab Order: Project: Lab ID:	ATC Associate N007599 Maryland Squa N007599-0044	are Shopping Ce	nter, 085.42620	Collection I	e ID: MW-6 DUF Date: 3/30/2012 9 trix: WATER	47:00 AM
Analyses		Res	ult PQL	Qual Units	DF	Date Analyzed
VOLATILE OR	GANIC COMPOU	NDS BY GC/MS		EPA 826	0B	
RunID: MS1_1	20404A	QC Batch:	D12VW039		PrepDate:	Analyst: QBM
Tetrachloroethe	ne	34	00 25	μg/L	50	4/4/2012 12:55 PM
Surr: 1,2-Dic	hloroethane-d4	8	8.7 56-120	%REC	50	4/4/2012 12:55 PM
Surr: 1,2-Dic	hloroethane-d4	8	5.8 56-120	%REC	1	4/3/2012 08:13 PM
Surr: 4-Brom	ofluorobenzene	1	01 80-120	%REC	50	4/4/2012 12:55 PM
Surr: 4-Brom	ofluorobenzene	1	01 80-120	%REC	1	4/3/2012 08:13 PM
Surr: Dibrom	ofluoromethane	9	5.2 72-120	%REC	50	4/4/2012 12:55 PM
Surr: Dibrom	ofluoromethane	9)	2.0 72-120	%REC	1	4/3/2012 08:13 PM
Surr: Toluene	e-d8	1	09 80-123	%REC	50	4/4/2012 12:55 PM
Surr: Toluene	e-d8	9:	2.3 80-123	%REC	1	4/3/2012 08:13 PM

Qualifiers:

в

Analyte detected in the associated Method Blank

- Holding times for preparation or analysis exceeded Н
- \mathbf{S} Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

Advanced Technology Laboratories, Inc.

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

Value above quantitation range

Results are wet unless otherwise specified

ND Not Detected at the Reporting Limit

Ε

Fax: 702-307-2691

ANALYTICAL RESULTS

Print Date: 09-Apr-12

CLIENT:	ATC Associates Inc.	Client Sample ID:	MW-9	
Lab Order:	N007599	Collection Date:	3/30/2012 2:4	5:00 PM
Project:	Maryland Square Shopping Center, 085.42620) Matrix:	WATER	
Lab ID:	N007599-005A			•
Analyses	Result PQI	Qual Units	DF	Date Analyzed

VOLATILE ORGANIC COMPOUNDS BY GC/MS

			EPA 8260B		
RunID: MS1_120403A	QC Batch: D1	2VW038	Prep	Date:	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:

В

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



Advanced Technology Laboratories, Inc.

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E Value above quantitation rangeND Not Detected at the Reporting Limit

Results are wet unless otherwise specified

ANALYTICAL RESULTS

Date Analyzed

Print Date: 09-Apr-12

DF

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		

Result

VOLATILE ORGANIC COMPOUNDS BY GC/MS

	EPA 8260B							
RunID: MS1_120403A	QC Batch:	D12\	/W038	Pr	epDate:	Analyst: QBM		
Tetrachloroethene	16	00	25	μg/L	50	4/3/2012 05:36 PM		
Surr: 1,2-Dichloroethane-d4	- 88	3.5	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	1	03	80-120	%REC	1	4/3/2012 07:34 PM		
Surr: 4-Bromofluorobenzene	1	02	80-120	%REC	50	4/3/2012 05:36 PM		
Surr: Dibromofluoromethane	95	5.3	72-120	%REC	1	4/3/2012 07:34 PM		
Surr: Dibromofluoromethane	93	3.0	72-120	%REC	50	4/3/2012 05:36 PM		
Surr: Toluene-d8	95	5.5	80-123	%REC	1	4/3/2012 07:34 PM		
Surr: Toluene-d8	1	05	80-123	%REC	50	4/3/2012 05:36 PM		

PQL Qual Units

Qualifiers:

в

Analyses

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



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

Value above quantitation range

ND Not Detected at the Reporting Limit

Results are wet unless otherwise specified

E

ANALYTICAL RESULTS Print Date: 09-Apr-12

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

VOLATILE ORGANIC COMPOUNDS BY GC/MS

	EPA 8260B							
RunID: MS1_120403A	QC Batch:	D12VW0	38	I	PrepDate:		Analyst: QBM	
Tetrachloroethene	3	20	5.0	μg/L	1	0	4/3/2012 03:57 PM	
Surr: 1,2-Dichloroethane-d4	86	5.4 5	56-120	%REC	1		4/3/2012 05:56 PM	
Surr: 1,2-Dichloroethane-d4	78	3.5 5	56-120	%REC	1	0	4/3/2012 03:57 PM	
Surr: 4-Bromofluorobenzene	1	3 00	30-120	%REC	1		4/3/2012 05:56 PM	
Surr: 4-Bromofluorobenzene	98	3.1 8	30-120	%REC	1	0	4/3/2012 03:57 PM	
Surr: Dibromofluoromethane	96	5.4 7	72-120	%REC	1		4/3/2012 05:56 PM	
Surr: Dibromofluoromethane	90).6 7	72-120	%REC	1	0	4/3/2012 03:57 PM	
Surr: Toluene-d8	99).5 8	30-123	%REC	1		4/3/2012 05:56 PM	
Surr: Toluene-d8	1	02 8	30-123	%REC	1	0	4/3/2012 03:57 PM	

Qualifiers:

в

Н

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

- S Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

Advanced Technology Laboratories, Inc.

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

Е Value above quantitation range

ND Not Detected at the Reporting Limit Results are wet unless otherwise specified

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:	D12	VW038	Prep	Date:	Analyst: QBM			
Tetrachloroethene	4	70	5.0	µg/L	10	4/3/2012 04:16 PM			
Surr: 1,2-Dichloroethane-d4	8	7.0	56-120	%REC	1	4/3/2012 06:15 PM			
Surr: 1,2-Dichloroethane-d4	8	1.4	56-120	%REC	10	4/3/2012 04:16 PM			
Surr: 4-Bromofluorobenzene	9	9.6	80-120	%REC	1	4/3/2012 06:15 PM			
Surr: 4-Bromofluorobenzene	9	3.6	80-120	%REC	10	4/3/2012 04:16 PM			
Surr: Dibromofluoromethane	9	5.4	72-120	%REC	1	4/3/2012 06:15 PM			
Surr: Dibromofluoromethane	9:	2.6	72-120	%REC	10	4/3/2012 04:16 PM			
Surr: Toluene-d8	90	3.0	80-123	%REC	1	4/3/2012 06:15 PM			
Surr: Toluene-d8	1	01	80-123	%REC	10	4/3/2012 04:16 PM			

Qualifiers:

в

Н

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

S Spike/Surrogate outside of limits due to matrix interference

DO Surrogate Diluted Out

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Value above quantitation range

Surr: 1,2-Dichloroethane-d4

Surr: 4-Bromofluorobenzene

Surr: 4-Bromofluorobenzene

Surr: Dibromofluoromethane

Surr: Dibromofluoromethane

Surr: Toluene-d8

Surr: Toluene-d8

ANALYTICAL RESULTS

4/3/2012 05:16 PM

4/3/2012 07:14 PM

4/3/2012 05:16 PM

4/3/2012 07:14 PM

4/3/2012 05:16 PM

4/3/2012 07:14 PM

4/3/2012 05:16 PM

Print Date: 09-Apr-12

20

1

20

1

20

1

20

CLIENT: Lab Order:	ATC Associates N007599	Inc.		Client Sample ID: MW-34 Collection Date: 3/30/2012 5:20:00 PM			
Project: Lab ID:	Maryland Square N007599-009A	enter, 085.42620	20 Matrix: WATER				
Analyses		Res	ult PQL	Qual Units	DF	Date Analyzed	
VOLATILE OR	GANIC COMPOUND	S BY GC/MS	1	EPA 826)B		
RunID: MS1_1	20403A	QC Batch:	D12VW038		PrepDate:	Analyst: QBM	
Tetrachloroethe	ene	10	000 10) µg/L	20	4/3/2012 05:16 PM	
Surr: 1,2-Dic	hloroethane-d4	8	6.6 56-120) %REC	1	4/3/2012 07:14 PM	

56-120

80-120

80-120

72-120

72-120

80-123

80-123

%REC

%REC

%REC

%REC

%REC

%REC

%REC

82.9

101

100

95.8

92.2

95.9

102

Qualifiers:

В

Analyte detected in the associated Method Blank

- \mathbf{H} Holding times for preparation or analysis exceeded
- \mathbf{S} Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out



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Value above quantitation range Е ND

Not Detected at the Reporting Limit Results are wet unless otherwise specified

ANALYTICAL RESULTS

Print Date: 09-Apr-12

CLIEN Lab Or Project Lab ID	der: N007599	Square Shopping Ce	Collection Date: 3/30/2012 5:20:00 PM are Shopping Center, 085.42620 Matrix: WATER					
Analys	es	Res	ult	PQL	Qual Units	DF	Date Analyzed	
ICP ME	TALS	EPA 3010A			EPA 60 ⁴	10B		
RunID:	ICP2_120405A	QC Batch:	3942	4		PrepDate:	4/2/2012 Analyst: JT	
Chrom	ium	0.00)90	0.0030	mg/L	1	4/5/2012 12:56 PM	
Seleni	um	1	ND	0.010	mg/L	1	4/5/2012 12:56 PM	
Zinc		0.0)11	0.010	mg/L	1	4/5/2012 12:56 PM	

Qualifiers:

Analyte detected in the associated Method Blank

Н Holding times for preparation or analysis exceeded

S Spike/Surrogate outside of limits due to matrix interference

Surrogate Diluted Out DO

Advanced Technology Laboratories, Inc.

в

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Value above quantitation range

ND Not Detected at the Reporting Limit

Results are wet unless otherwise specified

Е

ANALYTICAL RESULTS Print Date: 09-Apr-12

Analyses		Result	PQL	Qual Units	DF	Date Analyzed
Lab ID:	N007599-010A		·			·
Project:	Maryland Square Shop	oping Center, 0	85.42620	Matrix	C: WATER	
Lab Order:	N007599			Collection Date	e: 3/30/2012 4	:45:00 PM
CLIENT:	ATC Associates Inc.		(lient Sample II	D: MW-35	

	EPA 8260B							
RunID: MS1_120404A	QC Batch: D1	2VW039	Prep	Date:	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:

в

Analyte detected in the associated Method Blank

н Holding times for preparation or analysis exceeded S

Spike/Surrogate outside of limits due to matrix interference

DO Surrogate Diluted Out

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Е Value above quantitation range ND Not Detected at the Reporting Limit

Results are wet unless otherwise specified

ANALYTICAL RESULTS

4/5/2012 01:23 PM

Print Date:	09-Apr-12
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1

CLIENT:ATC Associates Inc.Lab Order:N007599				Client Sample ID: MW-35 Collection Date: 3/30/2012 4:45:00 PM						
Project: Lab ID:	-	Maryland Square Shopping Center, 085.42620 Matrix: WATER N007599-010B								
Analyses			Rest	ult	PQL	Qual Units		DF	Date	Analyzed
ICP METALS		EP/	A 3010A		ı.	EPA 601	10B			
RunID: ICP2_1	20405A	•	QC Batch:	39424			PrepDate:		4/2/2012	Analyst: JT
Chromium			0.0	10	0.0030	mg/L		1	4/	5/2012 01:23 PM
Selenium			1	ND	0.010	mg/L		1	4/	5/2012 01:23 PN

0.010

0.011

mg/L

Qualifiers:

В

Zinc

- Analyte detected in the associated Method Blank
- н Holding times for preparation or analysis exceeded
- \mathbf{S} Spike/Surrogate outside of limits due to matrix interference
- DO Surrogate Diluted Out

Е Value above quantitation range ND Not Detected at the Reporting Limit

Results are wet unless otherwise specified



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ANALYTICAL RESULTS

Print Date: 09-Apr-12

VOLATILE OR	GANIC COMPOUNDS B	Y GC/MS				
Analyses		Result	PQL Qual	Units	DF	Date Analyzed
Lab ID:	N007599-011A					
Project:	Maryland Square Sh	opping Center, 0	85.42620	Matrix:	WATER	
Lab Order:	N007599		Colle	ction Date:	3/30/2012 1	2:07:00 PM
CLIENT:	ATC Associates Inc.		Client	Sample ID:	MW-36	

RunID: MS1_120404A	QC Batch:	012VW039	Pre	pDate:	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

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



Advanced Technology Laboratories, Inc.

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E Value above quantitation rangeND Not Detected at the Reporting Limit

Results are wet unless otherwise specified

ANALYTICAL RESULTS Print Date: 09-Apr-12

CLIENT:	ATC Associates Inc.		Client Sample ID:	MW-37	
Lab Order:	N007599		Collection Date:	3/30/2012 1	1:05:00 AM
Project: Lab ID:	Maryland Square Shopping N007599-012A	Center, 0	85.42620 Matrix:	WATER	
Analyses	R	esult	POL Qual Units	DF	Date Analyzed

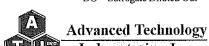
RuniD: MS1_120404A	QC Batch: D12	VW039	Prepi	Date:	Analyst: QBM
Tetrachloroethene	36	0.50	µg/L	1	4/4/2012 11:32 AM
Surr: 1,2-Dichloroethane-d4	86.8	56-120	%REC	1	4/4/2012 11:32 AM
Surr: 4-Bromofluorobenzene	100	80-120	%REC	1	4/4/2012 11:32 AM
Surr: Dibromofluoromethane	95.0	72-120	%REC	1	4/4/2012 11:32 AM
Surr: Toluene-d8	105	80-123	%REC	1	4/4/2012 11:32 AM

Qualifiers:

в

- 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

Laboratories, Inc.



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E Value above quantitation range

ND Not Detected at the Reporting Limit Results are wet unless otherwise specified

Surr: Dibromofluoromethane

Surr: Toluene-d8

ANALYTICAL RESULTS Print Date: 09-Apr-12

4/3/2012 12:59 PM

4/3/2012 12:59 PM

1

1

CLIENT: Lab Order: Project: Lab ID:	Order: N007599 et: Maryland Squar D: N007599-013A ses TILE ORGANIC COMPOUN MS1_120403A	re Shopping C	enter, 0		Collection D	ID: TRIP BL/ ate: 3/30/2012 rix: WATER	
Analyses		Res	sult	PQL	Qual Units	DF	Date Analyzed
VOLATILE OR		IDS BY GC/MS	6		EPA 8260	B	
RunID: MS1_1	20403A	QC Batch:	D12\	/W038	· ·	PrepDate:	Analyst: QBM
Tetrachloroethe	ene		ND	0.50	µg/L	1	4/3/2012 12:59 PM
Surr: 1,2-Dic	hloroethane-d4	8	39.3	56-120	%REC	1	4/3/2012 12:59 PM
Surr: 4-Brom	ofluorobenzene		104	80-120	%REC	1	4/3/2012 12:59 PM

72-120

80-123

99.0

109

%REC

%REC

Qualifiers:

в

Analyte detected in the associated Method Blank

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

Е Value above quantitation range ND Not Detected at the Reporting Limit

DO Surrogate Diluted Out

Results are wet unless otherwise specified



Advanced Technology Laboratories, Inc.

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ANALYTICAL RESULTS

Print Date: 09-Apr-12

CLIENT:	ATC Associates I	nc.		Client	Sample ID:	: FIELD I	BLANK	
Lab Order:	N007599			Colle	ection Date:	3/30/201	2 10:15:	:00 AM
Project: Lab ID:	Maryland Square N007599-014A	Shopping Ce	enter, 085.42620		Matrix:	WATER	Ł	
Analyses		Res	ult PQL	Qual	Units	Dł	7 D	ate Analyzed
	GANIC COMPOUND	S BY GC/MS						
				E	PA 8260B			
RunID: MS1_1	20403A	QC Batch:	D12VW038		Prep	Date:		Analyst: QBI

Rumb. 1031_120403A	QU Batch. D12		Lieb	Dale.	Analyst. QDW
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:

в

- 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 rangeND Not Detected at the Reporting Limit

Results are wet unless otherwise specified



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Fax: 702-307-2691

Surr: 4-Bromofluorobenzene

Surr: Dibromofluoromethane

Surr: Toluene-d8

ANALYTICAL RESULTS

4/3/2012 01:38 PM

4/3/2012 01:38 PM

4/3/2012 01:38 PM

Print Date: 09-Apr-12

1

1

1

CLIENT: Lab Order:	ATC Associates Inc N007599				ID: EQUIPME ate: 3/30/2012	
Project: Lab ID:	Maryland Square Sh N007599-015A	opping Ce	nter, 085.4262	0 Mat	rix: WATER	
Analyses		Resu	alt PQ	L Qual Units	DF	Date Analyzed
VOLATILE OR	GANIC COMPOUNDS I	BY GC/MS	·	EPA 8260)B	
RunID: MS1_1	20403A Q	C Batch:	D12VW038	I	PrepDate:	Analyst: QBM
Tetrachloroethe Surr: 1,2-Dic	ene hIoroethane-d4	-	ND 0.5 1.0 56-12	- 10	1	4/3/2012 01:38 PM 4/3/2012 01:38 PM

80-120

72-120

80-123

106

99.5

110

%REC

%REC

%REC

Qualifiers:

в

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



Advanced Technology Laboratories, Inc.

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E Value above quantitation range

ND Not Detected at the Reporting Limit Results are wet unless otherwise specified

Advanced Technology Laboratories, Inc.	ogy Laboratories, Ir	IC.							Date: 09-Apr-12	•
CLIENT: ATC Ass Work Order: N007599	ATC Associates Inc. N007599					ANAL	YTICAL Q	C SU	ANALYTICAL QC SUMMARY REPORT	PORT
	Maryland Square Shopping Center, 085.42620.0	085.42620.0	-				TestCode:		6010_W	
Sample ID: MB-39424 Client ID: PBW	SampType: MBLK Batch ID: 39424	TestCode	FestCode: 6010_W TestNo: EPA 6010B	Units: mg/L EPA 3010A		Prep Date: Analvsis Date:	Prep Date: 4/2/2012 Analvsis Date: 4/5/2012		RunNo: 83827 SedNo: 1380526	
	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit RPD Ref Val	ef Val	RPD RPDLimit	mit Qual
Chromium	QN	0.0030								
Selenium	DN	0.010								
Zinc	ΩΝ	0.010								
Sample ID: LCS-39424	SampType: LCS	TestCode	TestCode: 6010_W	Units: mg/L		Prep Date:	e: 4/2/2012		RunNo: 83827	
Client ID: LCSW	Batch ID: 39424	TestNo	TestNo: EPA 6010B	EPA 3010A		Analysis Dat	Analysis Date: 4/5/2012		SeqNo: 1380527	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit RPD Ref Val	lef Val	%RPD RPDLimit	mit Qual
Chromium	0.505	0.0030	0.5000	٥	101	85	115			
Selenium	0.488	0.010	0.5000	0	97.7	85	115			
Zinc	0.512	0.010	0.5000	ο	102	85	115			,
Sample ID: N007599-009B-MS	IS SampType: MS	TestCode	TestCode: 6010_W	Units: mg/L		Prep Date:	e: 4/2/2012		RunNo: 83827	
Client ID: ZZZZZ	Batch ID: 39424	TestN	TestNo: EPA 6010B	EPA 3010A		Analysis Date:	e: 4/5/2012		SeqNo: 1380531	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit RPD Ref Val	tef Val	%RPD RPDLimit	mit 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	ISD SampType: MSD	TestCod	TestCode: 6010_W	Units: mg/L		Prep Date:	e: 4/2/2012		RunNo: 83827	
Client ID: ZZZZZ	Batch ID: 39424	TestN	TestNo: EPA 6010B	EPA 3010A		Analysis Date:	e: 4/5/2012		SeqNo: 1380532	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit RPD Ref Val	tef Val	%RPD RPDLimit	mit Qual
Chromium	0.497	0:0030	0.5000	0.009039	97.5	75	125 0	0.4970	0.0821	20
Selenium	0.542	0.010	0.5000	0.006418	107	75		0.5449	0.519	20
Zinc	0.527	0.010	0.5000	0.01139	103	75	125 0	0.5300	0.513	20
Qualifiers:							i i			
	Analyte detected in the associated Method Blank	E	Value above q	Value above quantitation range				s for prepa	Holding times for preparation or analysis exceeded	eded
ND Not Detected at the Reporting Limit DO Surrogate Diluted Out Advanced Technology	port	R 80116		RPD outside accepted recovery limits Calculations are based on raw values 7.21.7.23.7.7.560 - 5.207.2607	iits les 207 2607		S Spike/Surrog	gate outside	Spike/Surrogate outside of limits due to matrix interference	: interference
Laboratories, Inc.	C. SIJI W. FOST KO LOS VEGOS, INV SYLLS	sgas, INV 09110			1607-/00					,

quarter Shopping Center, 085.42620.0 TestCode: 2260_WP_LLL Units: pg/L SampType: LCS TestCode: 2260_WP_LLL Units: pg/L Batch ID: D12VW0038 TestCode: 2260_WP_LLL Units: pg/L Result PCL SPK Value SPK Ref Val %FEC 19.970 0.50 20.00 0 91.2 16.6890 0.50 20.00 0 97.8 16.6800 0.50 20.00 0 97.8 16.6800 0.50 20.00 0 97.8 16.6800 0.50 20.00 0 97.8 25.5940 25.00 0 96.1 103 25.5940 25.00 52.00 97.4 104 25.5410 25.00 52.00 97.4 103 25.5410 25.00 52.00 97.4 103 25.4340 25.00 52.00 97.4 103 25.4340 25.00 25.00 97.4 104	CLIENT: ATC ASS	ATC Associates Inc.					N T N IN N			TYTE		F
Maryland Square Shopping Center, 085, 426,20.0 D: D120403LC5 SampType: LC5 TestCode: 8260_WP_1L Units: $\mu g/L I: LCSW Batch ID: D12VW038 TestNo: EPA 8260B %REC I: LCSW Batch ID: D12VW038 TestNo: EPA 8260B %REC I: LCSW Batch ID: D12VW038 TestNo: EPA 8260B %REC I: LCSW 19,250 0.50 20.00 0 91.3 I: D10000000000 19,250 0.50 20.00 0 93.4 I: D0000000000000 19,550 0.50 20.00 0 93.4 I: D00000000000000 0.50 20.00 0 93.4 93.4 I: D000000000000000000000000000000000000$							ANAL	I IICA	ייה של יו	ANALI HUAL VU SUMMARI REFURI	LELON	-
SampType: LCS TestCode: 8260_WF_LL Units: pg/L Nrst:		Square Shopping Center, 0	85.42620.0	(T(stCode: 8	TestCode: 8260_WP_LL		
Display Testhic Fashi POL SPK Ref Vel %REC Result POL SPK value SPK Ref Vel %REC Inforchene 19.970 0.50 20.000 0 91.2 e 19.970 0.50 20.000 0 91.2 errische 19.970 0.50 20.000 0 93.4 errische 19.970 0.50 20.000 0 93.4 errische 19.700 0.50 20.000 0 93.4 1.2.Dichlorochtane-d4 24.500 0.50 20.000 0 93.4 1.2.Dichlorochtane-d8 24.960 25.000 10.4 94.6 10.4 Disonoflucrobentane-d8 24.960 25.000 90.6 90.8 10.4 Disonoflucrobentane-d8 24.960 25.000 90.4 10.4 10.4 Disonoflucrobentane-d8 25.10 0.50 25.000 90.4 10.4 Disonoflucrobentane-d8 25.10 0.50 <	Sample ID: D120403LCS	SampType: LCS	TestCode	9: 8260_WP_LL			Prep Date	5		RunNo: 83811		
Fisuith Foult SPK value SPK Ref value	Client ID: LCSW	Batch ID: D12VW038	TestNo	0: EPA 8260B			Analysis Date	s: 4/3/2012		SeqNo: 1379988	~	
18.240 0.50 20.00 0 913 19.970 0.50 20.00 0 934 19.970 0.50 20.00 0 934 19.550 0.50 20.00 0 934 19.720 0.50 20.00 0 934 19.720 0.50 20.00 0 934 20.690 0.50 20.00 0 934 24.500 25.00 25.00 90.8 93.1 25.940 25.00 25.00 99.8 93.1 25.940 52.00 52.00 99.8 94.4 25.940 55.00 50.00 99.8 94.4 25.100 52.00 52.00 94.4 94.6 10.102 102.00 52.00 95.4 94.4 10.102 25.100 52.00 94.4 94.4 10.102 25.100 52.00 94.4 94.4 94.4 94.4 94.4 94.4	Analyte	Result	PQL		PK Ref Val	%REC		HighLimit	RPD Ref Val	AA' QAA%	RPDLimit Qu	Qual
19.970 0.50 20.00 0 99.8 97.8 19.550 0.50 20.00 0 93.4 93.6 19.550 0.50 20.00 0 93.6 93.6 19.720 0.50 20.00 0 93.6 93.6 19.720 0.50 20.00 0 93.6 93.6 20.690 0.50 25.00 0 103 25.940 25.00 25.00 99.8 99.8 24.960 7 25.00 90.8 99.8 SampType: MS TestCode: 8260_MP_LL 1045 103 25.00 5.500 5.200 99.8 104 25.180 0.50 25.00 99.8 101 25.180 25.180 0.50 99.8 101 25.180 7 25.00 99.7 102 25.180 7 25.00 99.7 101 101 25.190 25.100 25.100 91.4<	1,1-Dichloroethene	18.240	0.50	20.00	0	91.2	80	120				
19.560 0.50 20.00 0 97.8 19.720 0.50 20.00 0 83.4 19.720 0.50 20.00 0 83.4 19.720 0.50 20.00 0 98.1 24.520 25.640 25.00 0 103 25.540 25.600 25.00 0 104 25.560 25.00 25.00 0 98.1 25.500 25.00 25.00 99.8 103 25.500 POL PPL PR 98.1 104 25.100 0.50 25.00 5.20 99.8 101 25.410 POL PPL 101 25.00 97.4 25.310 25.100 25.00 97.4 101 101 25.410 25.00 25.00 93.1 101 25.00 93.1 25.410 25.00 25.00 94.1 101 25.00 93.1 25.410 2	Benzene	19.970	0.50	20.00	0	99.8	80	120				
16.680 0.50 20.00 0 83.4 19.720 0.50 20.00 0 98.6 24.520 0.50 25.00 0 98.1 24.520 25.680 25.00 0 98.1 25.680 25.680 25.00 0 98.1 25.680 25.680 25.00 99.8 24.500 25.00 25.00 99.8 24.960 7 25.00 99.8 Batch ID: D12VW038 TestNo: EPA 2560 97.4 Batch ID: D12VW038 7 97.4 93.1 25.100 0.50 25.00 97.4 101 25.410 0.50 25.00 97.4 102 25.410 25.410 25.00 97.4 102 25.410 25.410 25.00 97.4 102 25.410 25.00 5.20 97.4 102 25.410 25.100 25.00 97.4 102	Chlorobenzene	19.550	0.50	20.00	0	97.8	80	120				
19.720 0.50 20.00 0 98.1 24.520 25.00 0 98.1 24.520 25.00 0 98.1 25.680 25.00 25.00 99.8 25.940 25.00 25.00 99.8 25.940 25.00 25.00 99.8 25.940 25.00 25.00 99.8 25.940 25.00 25.00 99.8 25.00 74 99.8 99.8 25.01 0.50 5.220 99.8 25.180 0.50 20.00 99.8 25.310 25.180 95.0 99.8 25.310 25.180 9.5 99.8 25.310 25.100 5.220 99.8 25.310 25.00 5.200 97.4 25.310 25.00 25.00 97.4 25.310 25.00 25.00 97.4 25.00 25.00 25.00 97.4 25.00 2	MTBE	16.680	0.50	20.00	0	83.4	20	120				
20.690 0.50 20.00 0 103 24.520 25.000 25.000 98.1 25.940 25.000 25.000 90.8 25.940 25.000 25.000 90.8 25.940 25.000 25.000 90.8 24.520 25.000 25.000 90.8 25.940 25.000 25.000 90.8 25.940 25.000 25.000 90.8 8atch ID: D12VW038 TestCode: 8260_WP_LL Units: µg/L 8atch ID: D12VW038 TestNo:<	Toluene	19.720	0.50	20.00	0	98.6	80	120				
24,520 25,00 98.1 25,880 25,00 98.1 25,940 25,00 99.8 24,960 25,00 90.103 SampType: MS TestCode: 8260_WP_LL Inits: µg/L Batch ID: D12W038 TestCode: 8260_WP_LL Inits: µg/L Result PQL SPK value SARC SampType: MS TestCode: 8260_WP_LL Inits: µg/L Inits: µg/L Result PQL SPK value SPK Ref Val SREC SampType: MS 0.55 25.00 99.8 101 25.410 25.180 0.50 25.00 97.4 SampType: MSD TestCode: 8260_WP LL Inits: µg/L 102 25.410 25.00 5.20 96.0 97.4 Batch ID: D12W038 TestNo: EPA 8260B 97.4 102 Batch ID: D12W038 TestNo: EPA 8260B 97.4 102 25.00 23.900 25.00 95.6 95.6 SampType: MSD TestNo: EPA 8260B 103 103 SampType: MSD TestNo: EPA 8260B 103 103	Trichloroethene	20.690	0.50	20,00	0	103	80	120				
25.60 25.00 103 25.940 25.00 90.8 24.960 25.00 90.8 SampType: MS TestCode: 8260_WP_LL Inits: µg/L Batch ID: D12VW038 TestNo: EPA 8260B 90.8 Result PQL SPK value SARC Result PQL SPK value SPK Ref Val 97.4 25.180 0.50 25.00 99.8 93.1 25.180 0.50 25.00 99.8 93.1 25.310 25.310 25.00 97.4 101 25.410 25.00 25.00 97.4 102 25.410 25.500 25.00 97.4 102 25.410 25.00 25.00 97.4 102 25.410 25.00 25.00 97.4 102 25.410 25.00 25.00 97.4 102 25.410 25.00 25.00 97.4 102 25.410 25.00 25.00 97.4 102 25.410 25.00 25.00 26.00 96.0	Surr: 1,2-Dichloroethane-d4	24.520		25.00		98.1	56	120				
25.940 25.00 90.8 24.960 25.00 90.8 24.960 25.00 90.8 24.960 25.00 25.00 Batch ID: D12VW038 TestCode: 8260_WP_LL Units: µg/L Batch ID: D12VW038 TestCode: 8260_WP_LL 0.105 Batch ID: D12VW038 TestNo: EPA 8260B 93.1 25.180 0.50 25.00 93.8 25.410 25.00 5.200 93.1 25.410 25.00 5.200 93.1 25.410 25.00 5.200 97.4 25.410 25.00 7.4 102 25.410 25.00 97.4 102 25.410 25.00 5.200 97.4 Batch ID: D12VW038 TestNo: EPA 8260B 102 Batch ID: D12VW038 TestNo: EPA 8260B 97.4 Batch ID: D12VW038 TestNo: EPA 8260B 96.0 25.00 25.00 5.200 97.4 Batch ID: D12VW038 TestNo: EPA 8260B 97.4 Batch ID: D12VW038 TestNo: EPA 8260B 97.4 20	Surr: 4-Bromofluorobenzene	25.680		25.00		103	80	120				
24.960 25.00 99.8 SampType: MS TestCode: 8260_WP_LL Units: µg/L Batch ID: D12VW038 TestNo: EPA 8260B %REC Batch ID: D12VW038 TestNo: EPA 8260B 99.8 Result PQL SPK Ref Val %REC Batch ID: D12VW038 0.50 20.00 5.220 99.8 SampType: MS 0.50 25.00 97.4 101 25.410 25.00 25.00 97.4 102 25.410 25.00 25.00 97.4 102 25.410 25.00 25.00 97.4 102 25.410 25.00 25.00 97.4 102 25.410 25.00 25.00 97.4 102 25.410 25.00 25.00 97.4 102 Batch ID: D12VW038 TestNo: EPA 8260B 103 97.4 Batch ID: D12VW038 TestNo: EPA 8260B 96.0 97.4 Batch ID: D12VW038 TestNo: EPA 8260B 97.4 103 25.00 23.900 25.00 25.00 96.0 25.06	Surr: Dibromofluoromethane			25.00		104	72	120				
SampType: MS TestCode: 8260_WP_LL Units: Jug/L Batch ID: D12VW038 TestNo:: EPA 8260B %REC Batch ID: D12VW038 TestNo:: EPA 8260B %REC Result PQL SPK value SPK Ref Val %REC 25.180 0.50 20.00 5.220 99.8 23.280 25.00 5.200 97.4 25.410 25.00 25.00 97.7 25.410 SampType: MSD TestNo: EPA 8260B 24.340 TestNo: EPA 8260B 97.7 97.7 Batch ID: D12VW038 TestNo: EPA 8260B 96.0 23.900 25.00 57.00 97.7 97.7 24.430 25.00 25.00 97.7 97.7 25.00 25.00 25.00 97.7 97.7 24.430 25.00 25.00 97.7 103 25.750 25.00 25.00 97.7 103 24.430 25.00 25.00 97.7 103 103 <tr< td=""><td>Surr: Toluene-d8</td><td>24.960</td><td></td><td>25.00</td><td></td><td>99.8</td><td>80</td><td>123</td><td></td><td></td><td></td><td></td></tr<>	Surr: Toluene-d8	24.960		25.00		99.8	80	123				
Image: Signation of the second of the se	Sample ID: N007599-005AMS	SampType: MS	TestCode	e: 8260_WP_LL	11		Prep Date			RunNo: 83811		
ResultPQLSPK valueSPK Ref Val $%$ RECIncrethene25.1800.505.22099.81,2-Dichlonoethane-d423.28025.005.2099.41,2-Dichlonoethane-d423.28025.0097.4Dibromofluoromethane25.41025.0097.4Dibromofluoromethane25.41025.0097.4Dibromofluoromethane25.41025.0097.4Dibromofluoromethane25.41025.0097.4Dibromofluoromethane24.340725.0097.4Distromofluoromethane25.41025.0097.4Distromofluoromethane25.0025.0097.4Distromofluoromethane25.005.2095.612-Dichloroethane-d423.90025.005.2095.612-Dichloroethane-d425.0025.005.2095.612-Dichloroethane-d824.43025.0095.697.412-Dichloroethane-d825.0025.005.2095.612-Dichloroethane-d825.0025.0095.697.412-Dichloroethane-d825.0025.0095.6097.412-Dichloroethane-d824.43025.0097.412-Dichloroethane-d825.0097.410012-Dichloroethane-d825.0097.410012-Dichloroethane-d825.0097.410012-Dichloroethane-d824.43025.0097.412-Dichloroethane-d825.0025.0097.413		Batch ID: D12VW038	TestN	o: EPA 8260B			Analysis Date	e: 4/3/2012		SeqNo: 1379989	•	
	Analyte	Result	PQL		PK Ref Val	%REC		HighLimit	RPD Ref Val	%RPD RP	RPDLimit Qı	Qual
1,2-Dichloroethane-d423.28025.0093.14-Bromofluorobenzene25.31025.00101Dibrormofluorobenzene25.41025.00102Dibrormofluoromethane24.41025.0097.4Toluene-d824.340TestVo: EPA 826097.4ID: N007599-005AMSDSampType: MSDTestVo: EPA 826096.0ID: N007599-005AMSDBatch ID: D12VW038TestVo: EPA 826096.0ID: N007599-005AMSDSampType: MSDTestVo: EPA 826096.0ID: N007599-005AMSDSampType: MSDTestVo: EPA 826096.0ID: N007599-005AMSD24.4200.505.22096.0ID: Ocethene24.4200.5025.0096.0IO: Ocethene24.43025.005.20096.01,2-Dichloroethane-d423.90025.005.20096.01,2-Dichloroethane-d824.43025.0005.20097.7ID: Not betected in the associated Method BlankEValue above quantitation range97.7MDNot Detected at the Reporting LimitRNot Detected at the Reporting Limit1000, Surrogate Diluted OutNature dot are vare valuesCalculations are based on raw values97.7	Tetrachloroethene	25.180	0.50	20.00	5.20	99.8	70	145				
4-Bromofluorobenzene 25.00 101 Dibromofluorobenzene 25.410 25.00 102 Toluene-d8 24.340 25.00 97.4 Toluene-d8 24.340 25.00 97.4 ID: N007599-005AMSDSampType: MSDTestCode: 8260_WP_LLUnits: $\mu g/L$ ID: N007599-005AMSDBatch ID: D12VW038TestCode: 8260_WP_LLNIts: $\mu g/L$ ID: N007599-005AMSDBatch ID: D12VW038TestCode: 8260_WP_LLNIts: $\mu g/L$ ID: N007599-005AMSDBatch ID: D12VW038TestCode: 8260_WP_LLNIts: $\mu g/L$ ID: N007599-005AMSDBatch ID: D12VW03824.4200.5020.00ID: N0070ethene24.4200.5025.0095.6ID: D1uene-d824.43025.0025.0097.7IT: N01uene-d824.43025.0025.0097.7ID: Not Detected in the associated Method BlankBValue above quantitation rangeNDNot Detected at the Reporting LimitRNot Detected at the Reporting LimitNDSurrogage Dilited OutSurrogage Dilited OutRNDSurrogage Dilited OutSurrogage Dilited OutSurrogage Outsited Surve Surve Surve Surve	Surr: 1,2-Dichloroethane-d4	23.280		25.00		93.1	56	120				
Dibromofluoromethane 25.410 25.00 102 Toluene-d8 24.340 25.00 102 ID: N007599-005AMSD SampType: MSD TestCode: 25.00 102 ID: N007599-005AMSD SampType: MSD TestCode: 8260_WP_LL Units: $µg/L$ ID: N007599-005AMSD SampType: MSD TestCode: 8260_WP_LL Units: $µg/L$ ID: N007599-005AMSD SampType: TestCode: 8260_WP_LL Units: $µg/L$ ID: P12Ubloroethane-d4 P2U P2U P2U 97.0 95.0 1,2-Dichloroethane-d4 24.420 0.50 25.00 5.220 96.0 97.4 1,2-Dichloroethane-d4 24.430 25.00 25.00 97.7 97.7 arr Malyte detected in the associated Method Blank R Value above quantitation range 97.7 MD Not Detected at the Reporting Limit R RD outside accepted recovery limits 97.7 MO Surroggie Dilted Out Surroggie Dilted Out R Moutside accepted recovery limit	Surr: 4-Bromofluorobenzene	25.310		25.00		. 101	80	120				
Toluene-d8Z4.340Z5.0097.4ID: N007599-005AMSDSampType: MSDTestCode: 8260_WP_LLUnits: $\mu g/L$ ID: ZZZZZBatch ID: D12VW038TestCode: 8260_WP_LLUnits: $\mu g/L$ ID: ID: D12VW038D12D220.005.220ID: ID: D1024.4200.5025.0096.011: ID: ID: ID: D1025.0025.0025.00100ID: ID: ID: ID: ID: ID: ID: ID: ID: ID:	Surr: Dibromofluoromethane			25.00		102	72	120				
ID: N007599-005AMSD SampType: MSD TestCode: 8260_WP_LL Units: $\mu g/L$ D: ZZZZZ Batch ID: D12VW038 TestCode: 8260_WP_LL Units:: $\mu g/L$ D: ZZZZZZ Batch ID: D12VW038 TestVoi: EPA 8260B $\wedge RC$ S: ZZZZZ Batch ID: D2L Result PQL SPK value SPK Ref Val $\wedge RC$ Ionoethene 24,420 0.50 20.00 5.220 96.0 100 1,2-Dichloroethane-d4 23.900 25.00 25.00 95.6 95.6 4-Bromofluorobenzene 25.00 25.00 25.00 103 Dibromofluoromethane 24.430 25.00 95.7 103 Toluene-d8 24.430 25.00 97.7 103 Strin 25.00 25.00 97.7 103 Strin RM analyte detected in the associated Method Blank R R/D outside accepted recovery limits Not Detected at the Reporting Limit R R/D outside accepted recovery limits 97.7 D, Sur	Surr: Toluene-d8			25.00		97.4	80	123				
Display="1">Display="1">Display="1">Testhol: FPA 8260BResultDisplay="1">PQLSPK valueSPK Ref Val%RECResultPQLSPK valueSPK Ref Val%RECIncoeffnene24.4200.5020.005.22096.01,2-Dichloroeftnane-d423.90025.0025.0096.01,2-Dichloroeftnane-d423.90025.0025.0096.01,2-Dichloroeftnane-d423.90025.0025.0096.01,2-Dichloroeftnane-d423.90025.0096.0100Dibromofluoromethane25.15025.0025.0096.0Dibromofluoromethane24.43025.0097.7Inside detected in the associated Method BlankEValue above quantitation rangeNDNot Detected at the Reporting LimitRRPD outside accepted recovery limitsD0, Surroggie Diluted OutDitCalculations are based on raw values	Sample ID: N007599-005AMSI		TestCod	e: 8260_WP_LL			Prep Date			RunNo: 83811		
ResultPQLSPK ref ValueSPK Ref Val $\&$ RECLowLimitIoroethene24.4200.5020.005.22096.0701,2-Dichloroethane-d423.90025.0095.656561,2-Dichloroethane-d423.90025.0095.6561,2-Dichloroethane-d425.0025.0095.6701,2-Dichloroethane25.75025.0010080Dibromofluoromethane25.75025.0097.780Toluene-d824.43025.0097.780rstrst25.0025.0097.780rstrst24.43025.0097.780rstrst24.0025.0097.780rstrstrst25.0025.0097.780rstrstrst24.03025.0097.780rstrstrstrst8097.780rstrstrstrstrst8080rstrstrstrstrstrst80rstr		Batch ID: D12VW038	TestN	o: EPA 8260B			Analysis Date	e: 4/3/2012	~	SeqNo: 1379990		
24.420 0.50 20.00 5.220 96.0 roethane-d4 23.900 25.00 95.6 uorobenzene 25.06 25.00 100 uoromethane 25.750 25.00 100 s 25.750 25.00 100 s 25.00 25.00 97.7 k 24.430 25.00 97.7 s 24.430 25.00 97.7 s 24.430 25.00 97.7 s 24.430 25.00 97.7 s 25.00 103 103 s 25.00 100 103 s 24.430 25.00 97.7 s 24.430 25.00 97.7	Analyte	Result	PQL		PK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RF	RPDLimit Qu	Qual
-Dichloroethane-d4 23.900 25.00 95.6 Sromofluorobenzene 25.060 25.00 100 oromofluoromethane 25.750 25.00 103 Juene-d8 25.430 25.00 97.7 Analyte detected in the associated Method Blank E Value above quantitation range Not Detected at the Reporting Limit R RPD outside accepted recovery limits Surrogate Diluted Out Calculations are based on raw values	Tetrachloroethene	24.420	0.50	20.00	5.220	96.0	70	145	25.18	3.06	20	
Shomofluorobenzene 25.060 25.00 100 formofluoromethane 25.750 25.00 103 luene-d8 25.750 25.00 103 here-d8 24.430 25.00 97.7 Analyte detected in the associated Method Blank E Value above quantitation range Not Detected at the Reporting Limit R RPD outside accepted recovery limits Surrogate Diluted Out Calculations are based on raw values	Surr: 1,2-Dichloroethane-d4	23.900		25.00		95.6	56	120		0		
oromofluoromethane 25.750 25.00 103 luene-d8 24.430 25.00 97.7 Analyte detected in the associated Method Blank E Value above quantitation range Not Detected at the Reporting Limit R RPD outside accepted recovery limits Surrogate Diluted Out Calculations are based on raw values	Surr: 4-Bromofluorobenzene			25.00		100	80	120		0		
Intene-d8 24.430 25.00 97.7 Analyte detected in the associated Method Blank E Value above quantitation range Not Detected at the Reporting Limit R RPD outside accepted recovery limits Surrogate Diluted Out Calculations are based on raw values	Surr: Dibromofluoromethane			25.00		103	72	120		0		
Analyte detected in the associated Method Blank E Not Detected at the Reporting Limit Runcgate Diluted Out	Surr: Toluene-d8	24,430		25.00		97.7	80	123		0		
Analyte detected in the associated Method Blank E Not Detected at the Reporting Limit R . Surrogate Diluted Out	Qualifiers:											
Not Detected at the Reporting Limit Surrogate Diluted Out		the associated Method Blank	щ	Value above qua	antitation range				ing times for pre	Holding times for preparation or analysis exceeded	xceeded	
		Reporting Limit	ч	RPD outside acc	cepted recovery lir	nits		S Spik	e/Surrogate outsi	Spike/Surrogate outside of limits due to matrix interference	atrix interferen	nce
	Advanced Technology			_	based on raw val	les						
L 1. aboratories. Inc. 3151 W. Post Rd Las Vegas, NV 89118 Tel: 702-5059 Fax: 702-307-2691	The Londonatories. Inc.		zs, NV 89118			-307-2691						

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Project: Sample ID: D12040							ANAL	YTICA	ANALYTICAL QC SUMMARY REPORT	MMAR	Y REPOF	E
Sample ID: D120403MB4	Maryland Si	Maryland Square Shopping Center, 085.42620.0	35.42620.	0				Η	TestCode: 8260_WP_LL	260_WP_I	Ţ	
Client ID: PBW	3MB4	SampType: MBLK Batch ID: D12VW038	TestCoc TestN	TestCode: 8260_WP_LL TestNo: EPA 8260B	Units: µg/L		Prep Date: Analysis Date: 4/3/2012	e: 4/3/201:	2	RunNo: 83811 SeqNo: 1379991	311 79991	
Analyte		Result	PQL	SPK value S	SPK Ref Vai	%REC	LowLimit	LowLimit HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene		QN .	0.50									
Surr: 1,2-Dichloroethane-ci4	bethane-d4	20.640		25.00		82.6	56	120				
Surr: 4-Bromofiuorobenzene	probenzene	26.150		25.00		105	80	120				
Surr: Dibromofluoromethane	promethane	23.320		25.00		93.3	72	120				
Surr: Toluene-d8		27.550		25.00		110	80	123				
Qualifiers: B Analyte	e detected in the	Analyte detected in the associated Method Blank	ш	Value above quantitation range	antitation range			H Hold	Holding times for preparation or analysis exceeded	oaration or anal	ysis exceeded	
ND Not De	ND Not Detected at the Reporting Limit DO Surrogate Dijuted Out	porting Limit	X	RPD outside ace Calculations are	RPD outside accepted recovery limits Calculations are based on raw values	its es			Spike/Surrogate outside of limits due to matrix interference	de of limits due	to matrix interfer	àn

CLIENT: ATC Associates Inc. Work Order: N007599	iates Inc.			ANALY	TICAL QC SU	ANALYTICAL QC SUMMARY REPORT
	Maryland Square Shopping Center, 085.42620.0	85.42620.0			TestCode: 8260_WP_LL	260_WP_LL
Sample ID: D120404LCS Client ID: LCSW	SampType: LCS Batch ID: D12VW039	TestCode: 8260_WP_LL Units: jug/L TestNo: EPA 8260B		Prep Date: Analysis Date:	4!4/2012	RunNo: 83835 SeqNo: 1380678
Analyte	Result	PQL SPK value SPK Ref Val	%REC	LowLimit Hi	HighLimit RPD Ref Val	%RPD RPDLimit Qual
Tetrachloroethene Surr: 1,2-Dichloroethane-d4 Surr: 4-Bromofluorobenzene Surr: Dibromofluoromethane Surr: Toluene-d8	19.970 24.030 25.900 26.410 25.600	0.50 20.00 0 25.00 25.00 25.00 25.00 25.00	99.8 96.1 104 106 102	8 2 8 8 8	121 120 123 123	
Sample ID: N007608-001GMS	SampType: MS	TestCode: 8260_WP_LL Units: µg/L	2	Prep Date:		RunNo: 83835
Client ID: ZZZZZ	Batch ID: D12VW039	TestNo: EPA 8260B		Analysis Date: 4/4/2012	4/4/2012	SeqNo: 1380679
Analyte	Result	PQL SPK value SPK Ref Val	%REC	LowLimit Hi	HighLimit RPD Ref Val	%RPD RPDLimit Qual
Tetrachloroethene Surr: 1,2-Dichloroethane-d4 Surr: 4-Bromofluorobenzene Surr: Dibromofluoromethane Surr: Toluene-d8	19.250 25.060 26.220 25.280 25.280	0.50 20.00 0 25.00 25.00 25.00 25.00	96.2 100 105 104 101	70 56 72 80 80	145 120 120 120	
1 12	SampType: MSD	TestCode: 8260_WP_LL Units: µg/L		Prep Date:		RunNo: 83835
Client ID: ZZZZZ	Batch ID: D12VW039	TestNo: EPA 8260B		Analysis Date: 4/4/2012	4/4/2012	SeqNo: 1380680
Analyte	Result	PQL SPK value SPK Ref Val	%REC	LowLimit Hi	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
	0.00	00.62	8	00	123	þ
	-					

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

E Value above quantitation rangeR RPD outside accepted recovery limits Calculations are based on raw values

B Analyte detected in the associated Method Blank

Qualifiers:

ND Not Detected at the Reporting Limit DO Surrogate Diluted Out Advanced Technology 3151 W. P.

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

Work Order: N	N007599	N007599					ANAI	LYTIC	ANALYTICAL QC SUMMARY REPORT	SUMIN	IARY	REPO	RT
Project: M	faryland Sq	Maryland Square Shopping Center, 085	85.42620.0	0.					TestCode: 8260_WP_LL	8260_1	WP_LL		
Sample ID: D120404MB2 Client ID: PBW	MB2	SampType: MBLK Batch ID: D12VW039	TestCo. Testh	TestCode: 8260_WP_LL TestNo: EPA 8260B	Units: µg/L		Prep Date: Analysis Date:	Prep Date: Analysis Date: 4/4/2012	12	Runh Seqh	RunNo: 83835 SeqNo: 1380681	81	
Analyte		Result	PQL	SPK value SPM	SPK Ref Val	%REC	LowLimit	HighLimi	LowLimit HighLimit RPD Ref Val		%RPD F	RPDLimit	Qual
Tetrachloroethene		QN	0.50										
Surr: 1,2-Dichloroethane-d4	hane-d4	22.580		25.00		90.3	56	120	~				
Surr: 4-Bromofluorobenzene	benzene	27.220		25.00		109	80		-				
Surr: Dibromofluoromethane	methane	24.420		25.00		97.7	72						
Surr: Toluene-d8		28.080		25.00		112							
Qualifiers: B Analyte de	stected in the a	Analyte detected in the associated Method Blank	. ц	Value above quantitation range	titation range			H	Holding times for preparation or analysis exceeded	preparation	or analysis	: exceeded	
ND Not Detected at the Re	Not Detected at the Reporting Limit Surrogate Diluted Out	rting Limit		RPD outside accepted recovery limits Calculations are based on raw values	RPD outside accepted recovery limits Calculations are based on raw values	uts es			Spike/Surrogate outside of limits due to matrix interference	utside of lin	nits due to 1	matrix inter	ferenc

Container Types: T=Tube V=VOA L=Liter P=Pint	if samples received after 3 PM	TAT: $\Box A = \begin{bmatrix} Overnight \\ <24 \text{ hrs} \end{bmatrix} B = \begin{bmatrix} Emergency \\ Next Workday \end{bmatrix} \Box C = \begin{bmatrix} C \\ C \end{bmatrix}$	3/30/2012 1645	3/30/2012 1700	- E MW-27 3/30/2012 1/3/	- 7 MW-17 3/30/2012 1995	- 6 MW-14 3/30/2012 913	- S MW-9	- 4 MW-6 DUP 3/30/2012 947	- 3 MW-6 3/30/2012 947	3/30/2012 845	LODJI99-1 MW-1 3/30/2012 000	Sample ID / Location Date Time	LAB USE ONLY: Sample Description	n Sundy ress (appries when sundy is requested): n Sample (\$2.00 / sample /mo (after 45 days) n Records: \$1 /ATL workorder /mo (after 1 year)	be disposed 45 days after receipt and records will be disposed]	Date Addr 2925 E. Patrick Lane #M		perform the work Send Report To: Atth: Andrew Stuart	Date:	XII MACLAN CIPTING		Maryand Square Shopping Center 085.42620.0001	i: Andrew Stuart	is Add	3151-3153 W. Post Rd. Las Vegas, NV 89118 Tel: (702) 307-2659 • Fax: (702) 307-2691	Laboratories	Advinand Torhanian	
J=Jar B=Tediar G=Glass P=Plastic M=Metal Z=Zn(AC) ₂ O=NaOH T=Na ₂ S ₂ O ₃	H=HCI N=HNC3 S=H ₂ SO	T D = Urgent V E = . Routine Preservatives:						X	X X			X	9 3 2 2 5 1 1 1 1 8 2 8 3 2 1 / TAT # Type			STATES	City: Las Vegas State: NV Zip: 89120	Addr. 2925 E. Patrick Lane #M	ATC	To: Special Instructions/Comments:	ature and Printod Name)	Time: Received by: Burghine and Frind Name/ Black Date: Time: UB2 () Mars 2000 Two / Www Black 4/12, 1032	Received by signature of proper wards of a curry /	Gentplue: A service of our conversion of our service of our service of the sample that sample of collection is considered fraud and may de grounds for legal action.	State: NV Zip Code: 89120	trick Lane #M	DverN 2. HEADSPACE	ATL IIII I. CHILLED Sample Condition Upon Receipt	RATORY USE ONLY	

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Advanced Technology FOR taboration is provided in the state of Transport Collect Col	<u> </u>	#	1 \$ \$ \$ \$	SOIL	20138	12 12 12 12 12 12 12 12	1 25 25 25 25 27 23 25 25 28 23 25 25		Date		Sample ID / Location		Lab No.
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Advanced Technology For LABORATORY USE ONLY Laboratorities P.O. # Method of Transport Sample Contains Upon Receipt 3151-3153 W. Post Rd. Ungeed By: Date: $4 2 1 2$ CAOven I CAOven III I CAOven III IIII IIIII IIIIIIIIIIIIIIIIIIIII					#M	Patrick Lane	ļπ		N	E. Patrick Lane #N		\bigcirc	Printeame
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Advanced Technology FOR LABORATORY USE ONLY Laboratories P.O. #: Method of Transport Sample Condition Upon Receipt 3151-3153 W. Post Rd. P.O. #: Client Client 1. CHILLED Sample Condition Upon Receipt Las Vegas, NV 89118 P.O. #: Logged By: Dente: 1. CHILLED 1. CHILLED Sample Condition Upon Receipt L: (702) 307-2659 • Fax: (702) 307-2691 Logged By: Dente: 1. CHILLED 1. CHILLED Sample Condition Upon Receipt ATC Dente: 1.2 [12] CA OvertN 1. CHILLED 1. CHILLED 1. Second N III ALSE L: (702) 307-2659 • Fax: (702) 307-2691 Dente: 1.2 [12] FedEx 1. CHILLED 1. CHILLED 1. Second N III ALSE Andrews Text: Sigges	-0 <i>!</i>		in la	DMG	Stopfature angestin	Received by: {	8	P	Ale Date:	20	W. Bo		
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red Technology FOR LABORATORY USE ONLY iboratories P.O. # Method of Transport 1153 W. Post Rd. P.O. # Method of Transport 123 W. Post Rd. P.O. # Date: 4 2 12 Sgas, NV 89118 Date: 4 2 12 CA OverN Date: 4 2 12 S9 Fax: (702) 307-2691 Date: 4 2 12 FedEx S ONTAINER INTACT YFT N Address: 2925 E. Patrick Lane #M S ONTAINER INTACT YFT Tel: 702-798-5750	/02-/98-5/42	(Printed Name)	Sample. I am awar	1d authenticity of this	to the validity a					Project #		Ottagit	ect Name:
Advanced Technology FOR LABORATORY USE ONLY Laboratorics Sample Condition Upon Receipt Y 3151-3153 W. Post Rd. P.O. #: Method of Transport 1. CHILLED Sample Condition Upon Receipt Y N Las Vegas, NV 89118 P.O. #: Date: 4 2 CA OverN 2. HEADSPACE (VOA) Y N 5.# OF SPLS MATCH COC Y N : (702) 307-2659 e Fax: (702) 307-2691 Date: 4 2 FedEx 3. CONTAINER INTACT Y N 6. PRESERVED Y N	702-798-5750	Tel:				Lane #M						sociates	Client: ATC As
FOR LABORATORY USE ONLY FOR LABORATORY USE ONLY Method of Transport Sample Condition Upon Receipt P.O.# Method of Transport 1. CHILLED P.O.# ATL 1. CHILLED ATL CA OverN CA OverN Logged By: Date: 4 Date: 4 Logged By: Date: 4 Logged By: Date: 4	z	RESERVED	N U	NER INTACI Y	3. CONTAI					Strange		307-2659 @ Fax: (1
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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	lce Pack	Dry Ice	Other	None		
		0		(61 .) P .			
Sample Receipt					t Yes 🗹	No []]	
1. Shipping container/cooler in good condition?							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 (000?				Yes 🗹	No 🗌	
6. Chain of custody signed whe	en relinquist	ned and received?	?		Yes 🗹	No 🗌	
7. Chain of custody agrees with	h sample lai	bels?			Yes 🗹	No 🗔	
8. Samples in proper container	/bottle?				Yes 🗹	No 🗌	
9. Sample containers intact?					Yes 🔽	No 🗌	
10. Sufficient sample volume for	or indicated	test?			Yes 🗹	No 🗔	
11. All samples received within	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 indicat		Yes 🗹	No 🗀	NA 🗌			
16. Were there Non-Conformar			Yes 🗌	No 🗔	NA 🗹		
Wa	as Client no	tified?			Yes 🗌	No 🗌	NA 🔽
Comments:							

Checklist Completed B

MBC 4kft=2_

Reviewed By:

pop