ATLAS
"Environmental Solutions for a Sustainable Tomorrow"

ATL ASSESSMENT SERVICES, INC.
302 Druid Road West
Clearwater, FL 33756
(727)230-1691
(727)230-1573 fax
geodaro@tampabay.rr.com

September 2, 2008

Mr. Edward J. Ural
Director, Environmental & Quality Improvement Services
Walter Pownall Service Center
11111 South Belcher Rd.
Largo, FL 33773-5204

RE: Report of Findings
Azalea Elementary School
1680 74th Street North
St. Petersburg, Florida

Dear Mr. Ural:

ATL Assessment Services, Inc. (ATLAS) was retained by Pinellas County Schools (PCS) to provide professional consulting services and field work supervision during the completion of groundwater assessment activities at Azalea Elementary School. The assessment activities were completed by ARCADIS at the request of Raytheon as part of the ongoing assessment and delineation of groundwater impacts previously identified at the nearby Raytheon/St. Petersburg facility and surrounding area. This correspondence is intended to summarize the observations made during the field work oversight and provide the results of groundwater sample laboratory analysis.

Background

Groundwater impacts were first discovered at the Raytheon/St. Petersburg facility (formerly E-Systems) in the early 1990s. The impacts were reportedly the result of the improper storage and handling of hazardous materials used to manufacture and clean electronic components. Groundwater beneath the Raytheon/St. Petersburg facility was found to be impacted by an assortment of volatile organic compounds including toluene, vinyl chloride, 1,4-dioxane, cis-1,2-dichloroethene and trichloroethene (TCE). These compounds, collectively referred to for purposes of this Report as the "chemicals of concern", were detected in the groundwater at the Raytheon/St. Petersburg facility at levels exceeding

their respective Groundwater Cleanup Target Levels (GCTLs) as outlined in Chapter 62-777, Florida Administrative Code.

Subsequent assessment activities revealed the presence of adversely affected groundwater extending away from the Raytheon facility, predominantly toward the south and west adjacent Azalea neighborhood and public park. Due to the proximity of Azalea Elementary School to the affected area, PCS requested that Raytheon assess groundwater quality on the Azalea campus prior to the beginning of the 2008 school year. Raytheon retained the services of ARCADIS to complete the groundwater assessment activities requested by PCS. ATLAS was retained by PCS to provide oversight of the field work and to collect groundwater samples (split samples) for independent laboratory analysis.

Monitoring Well Installation

ATLAS personnel observed the installation of two (2) groundwater monitoring wells on the Azalea Elementary School campus on August 5 and 6, 2008. The wells were located behind (west of) the media center and were installed using a Geoprobe® drill rig utilizing direct-push technology. A Florida licensed water well contractor (Groundwater Protection) installed both monitoring wells under the direction of ARCADIS personnel.

The first monitoring well, designated DMW-W, was installed to a total depth of approximately 30-feet below land surface and consisted of a 5-foot length of 1-inch diameter PVC well screen (0.010" slot size) connected to a 25 foot section of PVC solid riser extending from the top of the screened interval to grade. The purpose of this well was to assess groundwater quality in the deeper portion of the surficial aquifer.

The second well, designated SMW-N, was installed to a total depth of approximately 12-feet below land surface and consisted of a 10-foot length of 1-inch diameter well screen connected to a 2-foot length of solid riser. The purpose of this well was to assess groundwater quality in the shallow portion of the surficial aquifer.

ATLAS personnel observed the installation and development of both monitoring wells and found that the methodologies used by ARCADIS and Groundwater Protection conformed with industry standards for quality control and complied with the Florida Department of Environmental Protection's (FDEP's) standard operating procedures for field activities.

Groundwater Sample Collection

ARCADIS personnel collected groundwater samples from the newly installed monitoring wells on August 8, 2008. ATLAS personnel were present during the sampling activities and split samples from each well

for independent laboratory analysis. The sample collection methodologies used by ARCADIS were found to be consistent with industry standards for quality control and complied with the FDEP's standard operating procedures for groundwater sampling when analyzing for low-level volatile organic compounds.

The groundwater samples obtained by ATLAS during the sampling event were transported in an iced cooler under chain-of-custody record to a FDOH-certified, FDEP-approved laboratory (Genapure Analytical Services, Inc.) for analysis of the previously described chemicals of concern. None of the chemicals of concern were found to be present above method detection limits in the samples analyzed form the newly installed monitoring wells. Information provided by ARCADIS confirms that their analyses also did not detect the presence of any chemicals of concern in the samples that they collected for laboratory analysis.

Findings

ATLAS has completed the task of observing the groundwater assessment activities performed by ARCADIS at the Azalea Elementary School facility and offers the following findings regarding the completed scope of work:

- Two (2) groundwater monitoring wells were installed west of the media center on the school campus. The wells were installed by a licensed water well contractor using industry standard practices for quality control. ATLAS personnel did not observe any actions on the part of the well contractor or ARCADIS that would jeopardize the integrity of the wells or make them unsuitable for assessment purposes.

- Groundwater samples were collected by ARCADIS personnel (with split samples collected by ATLAS) using industry standard practices and following the FDEP's standard operating procedures for groundwater sample collection when analyzing for low-level volatiles. No activities were observed by ATLAS that would have jeopardized the integrity of the samples collected by ARCADIS.

- Laboratory results from the groundwater samples collected by ARCADIS and from the split samples collected by ATLAS confirmed the absence of the "chemicals of concern" associated with the Raytheon/St. Petersburg facility. A copy of the laboratory report for the samples collected by ATLAS is attached for your review.

- ATLAS finds that the field and laboratory methodologies used by ARCADIS at Azalea Elementary School were adequate to meet the FDEP's quality assurance guidelines for groundwater

assessments, and confirmed that groundwater impacts were not present at the area assessed on the school campus.

ATLAS appreciates the opportunity to assist you with this matter and we look forward to working with you again in the future. Please contact the undersigned at (727)230-1691 if you have any questions or require any additional information.

Sincerely,

ATLAS, INC.

Darrin T. McAllister, P.G.
Principle Consultant

Genapure Analytical Services, Inc.

ANALYTICAL RESULTS

Printed: 08/10/08 08:40pm

DARRIN MCALLISTER
ATL ASSESSMENT SERVICES
302 DRUID ROAD WEST
CLEARWATER, FL 33756

Project No: 004124, ATL ASSESSMENT SERVICES P.O. No: DM08026 Inv. No: 217758
Job Name: **AZALES ELEMENTARY**
Job Id:

Collected by: Customer Sampled

Laboratory Sample #	Client Sample #
L260058-1	**DMW-W**
L260058-2	**SMW-N**
L260058-3	**TRIP BLANK**

All analyses were performed using EPA, ASTM, NIOSH, USGS, or Standard Methods and certified to meet NELAC requirements.
Flags: ND or U-below MDL; IL-meets internal lab limits;MI-matrix interference; NA-not applicable.
Flags: CFR-Pb/Cu rule; NFL-no free liquids; DRY = dry wt; ASIS = wet wt; C(#) See attached USB code
FLDEP Flags: J(#)-estimated 1:surr. fail 2:no known QC req. 3:QC fail %R or %RPD; 4:matrix int. 5:improper fld. protocol; L-exceeds calibration; Q-holding time exceeded;
FLDEP Flags: T-value<MDL; V-present in blank; Y-improper preservation; B-colonies exceed range;I-estimated value;between the MDL and PQL;
Lab certification IDs: FLDOH/NELAC E86240; NC 444; SC 96031001; IL/NELAC 200020; VA 00395; KS/NELAC E-10360; TN 02985; GA 917;NJ FL014;PA 68-03756;
Lab IDs: ADEM 40850; USDA Soil Permit# S-35240; The above results relate only to the samples.
EPA 18 is a non-NELAC certifiable parameter. Estimated uncertainty is available upon request.

Genapure Analytical Services, Inc. 3231 NW 7th Avenue Boca Raton, FL 33431 (888)862-5227

 Serial Number: 677229

Respectfully submitted,

Neshmah Castaneda
Project Manager

ANALYTICAL RESULTS
Printed: 08/10/08 08:40pm

Project No: 004124, ATL ASSESSMENT SERVICES P.O. No: DM08026 Inv. No: 217758
Job Name: **AZALES ELEMENTARY**
Job Id:

Sample Number L260058-1
Sample Description DMW-W
Samp. Date/Time/Temp 08/08/08 10:20am NA C
Receive Date 08/09/08
Sampled by Customer Sampled
Received Temp 4 C Iced (Y/N): Y

Parameter	Method	Result		DIL	MDL	PQL	Prep Date	Test Date,	Analyst
Volatile Organic Compounds									
DICHLORODIFLUOROMETHANE	5030/8260	U	ug/l	1	0.26	1.0	N/A	08/10/08	AJ/
CHLOROMETHANE	5030/8260	0.550 I	ug/l	1	0.28	1.0	N/A	08/10/08	AJ/
VINYL CHLORIDE	5030/8260	U	ug/l	1	0.12	1.0	N/A	08/10/08	AJ/
BROMOMETHANE	5030/8260	U	ug/l	1	0.63	1.0	N/A	08/10/08	AJ/
CHLOROETHANE	5030/8260	U	ug/l	1	0.71	1.0	N/A	08/10/08	AJ/
TRICHLOROFLUOROMETHANE	5030/8260	U	ug/l	1	0.14	1.0	N/A	08/10/08	AJ/
ACROLEIN	5030/8260	U	ug/l	1	1.1	10	N/A	08/10/08	AJ/
ACETONE	5030/8260	3.93 IV	ug/l	1	2.0	10	N/A	08/10/08	AJ/
1,1-DICHLOROETHENE	5030/8260	U	ug/l	1	0.23	1.0	N/A	08/10/08	AJ/
IODOMETHANE	5030/8260	U	ug/l	1	0.18	10	N/A	08/10/08	AJ/
ACRYLONITRILE	5030/8260	U	ug/l	1	0.95	1.0	N/A	08/10/08	AJ/
METHYLENE CHLORIDE	5030/8260	0.430 IV	ug/l	1	0.24	5.0	N/A	08/10/08	AJ/
CARBON DISULFIDE	5030/8260	U	ug/l	1	0.18	10	N/A	08/10/08	AJ/
TRANS-1,2-DICHLOROETHENE	5030/8260	U	ug/l	1	0.27	1.0	N/A	08/10/08	AJ/
METHYL TERTIARY BUTYLETHER	5030/8260	U	ug/l	1	0.12	1.0	N/A	08/10/08	AJ/
1,1-DICHLOROETHANE	5030/8260	U	ug/l	1	0.19	1.0	N/A	08/10/08	AJ/
VINYL ACETATE	5030/8260	U	ug/l	1	0.30	10	N/A	08/10/08	AJ/
2-BUTANONE	5030/8260	U	ug/l	1	0.15	10	N/A	08/10/08	AJ/
DIPE	5030/8260	U	ug/l	1	0.15	5.0	N/A	08/10/08	AJ/
CIS-1,2-DICHLOROETHENE	5030/8260	U	ug/l	1	0.33	1.0	N/A	08/10/08	AJ/
BROMOCHLOROMETHANE	5030/8260	U	ug/l	1	0.15	1.0	N/A	08/10/08	AJ/
CHLOROFORM	5030/8260	U	ug/l	1	0.18	1.0	N/A	08/10/08	AJ/
2,2-DICHLOROPROPANE	5030/8260	U	ug/l	1	0.20	1.0	N/A	08/10/08	AJ/
1,2-DICHLOROETHANE	5030/8260	U	ug/l	1	0.12	1.0	N/A	08/10/08	AJ/
1,1,1-TRICHLOROETHANE	5030/8260	U	ug/l	1	0.15	1.0	N/A	08/10/08	AJ/

ANALYTICAL RESULTS
Printed: 08/10/08 08:40pm

Project No: 004124, ATL ASSESSMENT SERVICES P.O. No: DM08026 Inv. No: 217758
Job Name: **AZALES ELEMENTARY**
Job Id:

Sample Number L260058-1
Sample Description DMW-W
Samp. Date/Time/Temp 08/08/08 10:20am NA C
Receive Date 08/09/08
Sampled by Customer Sampled

Parameter	Method	Result		DIL	MDL	PQL	Prep Date	Test Date, Analyst	
1,1-DICHLOROPROPENE	5030/8260	U	ug/l	1	0.24	1.0	N/A	08/10/08	AJ/
CARBON TETRACHLORIDE	5030/8260	U	ug/l	1	0.19	1.0	N/A	08/10/08	AJ/
BENZENE	5030/8260	U	ug/l	1	0.31	1.0	N/A	08/10/08	AJ/
DIBROMOMETHANE	5030/8260	U	ug/l	1	0.21	1.0	N/A	08/10/08	AJ/
1,2-DICHLOROPROPANE	5030/8260	U	ug/l	1	0.25	1.0	N/A	08/10/08	AJ/
TRICHLOROETHENE	5030/8260	U	ug/l	1	0.22	1.0	N/A	08/10/08	AJ/
BROMODICHLOROMETHANE	5030/8260	U	ug/l	1	0.14	0.60	N/A	08/10/08	AJ/
2-CHLOROETHYL VINYL ETHER	5030/8260	U	ug/l	1	5.5	10	N/A	08/10/08	AJ/
CIS-1,3-DICHLOROPROPENE	5030/8260	U	ug/l	1	0.19	1.0	N/A	08/10/08	AJ/
4-METHYL-2-PENTANONE	5030/8260	U	ug/l	1	0.86	10	N/A	08/10/08	AJ/
TRANS-1,3-DICHLOROPROPENE	5030/8260	U	ug/l	1	0.19	1.0	N/A	08/10/08	AJ/
1,1,2-TRICHLOROETHANE	5030/8260	U	ug/l	1	0.24	1.0	N/A	08/10/08	AJ/
TOLUENE	5030/8260	U	ug/l	1	0.28	1.0	N/A	08/10/08	AJ/
1,3-DICHLOROPROPANE	5030/8260	U	ug/l	1	0.26	1.0	N/A	08/10/08	AJ/
DIBROMOCHLOROMETHANE	5030/8260	U	ug/l	1	0.20	1.0	N/A	08/10/08	AJ/
2-HEXANONE	5030/8260	U	ug/l	1	0.18	10	N/A	08/10/08	AJ/
1,2-DIBROMOETHANE	5030/8260	U	ug/l	1	0.17	1.0	N/A	08/10/08	AJ/
TETRACHLOROETHENE	5030/8260	U	ug/l	1	0.33	1.0	N/A	08/10/08	AJ/
1,1,1,2-TETRACHLOROETHANE	5030/8260	U	ug/l	1	0.23	1.0	N/A	08/10/08	AJ/
CHLOROBENZENE	5030/8260	U	ug/l	1	0.31	1.0	N/A	08/10/08	AJ/
ETHYL BENZENE	5030/8260	U	ug/l	1	0.31	1.0	N/A	08/10/08	AJ/
M&P-XYLENES	5030/8260	U	ug/l	1	0.77	2.0	N/A	08/10/08	AJ/
BROMOFORM	5030/8260	U	ug/l	1	0.27	1.0	N/A	08/10/08	AJ/
STYRENE	5030/8260	U	ug/l	1	0.26	1.0	N/A	08/10/08	AJ/
O-XYLENE	5030/8260	U	ug/l	1	0.38	1.0	N/A	08/10/08	AJ/
XYLENES (TOTAL)	5030/8260	U	ug/l	1	1.2	3.0	N/A	08/10/08	AJ/

ANALYTICAL RESULTS
Printed: 08/10/08 08:40pm

Project No: 004124, ATL ASSESSMENT SERVICES P.O. No: DM08026 Inv. No: 217758
Job Name: **AZALES ELEMENTARY**
Job Id:

Sample Number L260058-1
Sample Description DMW-W
Samp. Date/Time/Temp 08/08/08 10:20am NA C
Receive Date 08/09/08
Sampled by Customer Sampled

Parameter	Method	Result		DIL	MDL	PQL	Prep Date	Test Date, Analyst	
1,2,3-TRICHLOROPROPANE	5030/8260	U	ug/l	1	0.29	1.0	N/A	08/10/08	AJ/
TRANS-1,4-DICHLORO-2-BUTENE	5030/8260	U	ug/l	1	0.23	10	N/A	08/10/08	AJ/
1,1,2,2-TETRACHLOROETHANE	5030/8260	U	ug/l	1	0.16	1.0	N/A	08/10/08	AJ/
ISOPROPYLBENZENE	5030/8260	U	ug/l	1	0.24	1.0	N/A	08/10/08	AJ/
BROMOBENZENE	5030/8260	U	ug/l	1	0.28	1.0	N/A	08/10/08	AJ/
N-PROPYLBENZENE	5030/8260	U	ug/l	1	0.30	1.0	N/A	08/10/08	AJ/
2-CHLOROTOLUENE	5030/8260	U	ug/l	1	0.28	1.0	N/A	08/10/08	AJ/
4-CHLOROTOLUENE	5030/8260	U	ug/l	1	0.29	1.0	N/A	08/10/08	AJ/
1,3,5-TRIMETHYLBENZENE	5030/8260	U	ug/l	1	0.27	1.0	N/A	08/10/08	AJ/
TERT-BUTYLBENZENE	5030/8260	U	ug/l	1	0.22	1.0	N/A	08/10/08	AJ/
1,2,4-TRIMETHYLBENZENE	5030/8260	U	ug/l	1	0.26	1.0	N/A	08/10/08	AJ/
SEC-BUTYLBENZENE	5030/8260	U	ug/l	1	0.47	1.0	N/A	08/10/08	AJ/
1,3-DICHLOROBENZENE	5030/8260	U	ug/l	1	0.35	1.0	N/A	08/10/08	AJ/
1,4-DICHLOROBENZENE	5030/8260	U	ug/l	1	0.53	1.0	N/A	08/10/08	AJ/
P-ISOPROPYLTOLUENE	5030/8260	U	ug/l	1	0.34	1.0	N/A	08/10/08	AJ/
1,2-DICHLOROBENZENE	5030/8260	U	ug/l	1	0.46	1.0	N/A	08/10/08	AJ/
N-BUTYLBENZENE	5030/8260	U	ug/l	1	0.39	1.0	N/A	08/10/08	AJ/
1,2-DIBROMO-3-CHLOROPROPANE	5030/8260	U	ug/l	1	0.85	1.0	N/A	08/10/08	AJ/
1,2,4-TRICHLOROBENZENE	5030/8260	U	ug/l	1	0.71	1.0	N/A	08/10/08	AJ/
NAPHTHALENE	5030/8260	U	ug/l	1	0.41	1.0	N/A	08/10/08	AJ/
HEXACHLOROBUTADIENE	5030/8260	U	ug/l	1	0.47	1.0	N/A	08/10/08	AJ/
1,2,3-TRICHLOROBENZENE	5030/8260	U	ug/l	1	0.13	1.0	N/A	08/10/08	AJ/
SURROGATES		% RECOVERY			% Recovery Limits				
DIBROMOFLUOROMETHANE (SURR)	5030/8260	104	%	1		69-134		08/10/08	AJ/
TOLUENE-D8 (SURR)	5030/8260	97	%	1		63-127		08/10/08	AJ/
4-BROMOFLUOROBENZENE (SURR)	5030/8260	94	%	1		64-130		08/10/08	AJ/

ANALYTICAL RESULTS
Printed: 08/10/08 08:40pm

Project No: 004124, ATL ASSESSMENT SERVICES P.O. No: DM08026 Inv. No: 217758
Job Name: **AZALES ELEMENTARY**
Job Id:

Sample Number L260058-1
Sample Description DMW-W
Samp. Date/Time/Temp 08/08/08 10:20am NA C
Receive Date 08/09/08
Sampled by Customer Sampled

Parameter	Method	Result		DIL	MDL	PQL	Prep Date	Test Date, Analyst	
1,4-DIOXANE	5030/8260	U	ug/l	1	9.6	50	N/A	08/10/08	AJ/

 Serial Number: 677229

ANALYTICAL RESULTS
Printed: 08/10/08 08:40pm

Project No: 004124, ATL ASSESSMENT SERVICES P.O. No: DM08026 Inv. No: 217758
Job Name: **AZALES ELEMENTARY**
Job Id:

Sample Number L260058-2
Sample Description SMW-N
Samp. Date/Time/Temp 08/08/08 11:05am NA C
Receive Date 08/09/08
Sampled by Customer Sampled
Received Temp 4 C Iced (Y/N): Y

Parameter	Method	Result		DIL	MDL	PQL	Prep Date	Test Date, Analyst	
Volatile Organic Compounds									
DICHLORODIFLUOROMETHANE	5030/8260	U	ug/l	1	0.26	1.0	N/A	08/10/08	AJ/
CHLOROMETHANE	5030/8260	0.440 I	ug/l	1	0.28	1.0	N/A	08/10/08	AJ/
VINYL CHLORIDE	5030/8260	U	ug/l	1	0.12	1.0	N/A	08/10/08	AJ/
BROMOMETHANE	5030/8260	U	ug/l	1	0.63	1.0	N/A	08/10/08	AJ/
CHLOROETHANE	5030/8260	U	ug/l	1	0.71	1.0	N/A	08/10/08	AJ/
TRICHLOROFLUOROMETHANE	5030/8260	U	ug/l	1	0.14	1.0	N/A	08/10/08	AJ/
ACROLEIN	5030/8260	U	ug/l	1	1.1	10	N/A	08/10/08	AJ/
ACETONE	5030/8260	4.22 IV	ug/l	1	2.0	10	N/A	08/10/08	AJ/
1,1-DICHLOROETHENE	5030/8260	U	ug/l	1	0.23	1.0	N/A	08/10/08	AJ/
IODOMETHANE	5030/8260	U	ug/l	1	0.18	10	N/A	08/10/08	AJ/
ACRYLONITRILE	5030/8260	U	ug/l	1	0.95	1.0	N/A	08/10/08	AJ/
METHYLENE CHLORIDE	5030/8260	0.250 IV	ug/l	1	0.24	5.0	N/A	08/10/08	AJ/
CARBON DISULFIDE	5030/8260	U	ug/l	1	0.18	10	N/A	08/10/08	AJ/
TRANS-1,2-DICHLOROETHENE	5030/8260	U	ug/l	1	0.27	1.0	N/A	08/10/08	AJ/
METHYL TERTIARY BUTYLETHER	5030/8260	U	ug/l	1	0.12	1.0	N/A	08/10/08	AJ/
1,1-DICHLOROETHANE	5030/8260	U	ug/l	1	0.19	1.0	N/A	08/10/08	AJ/
VINYL ACETATE	5030/8260	U	ug/l	1	0.30	10	N/A	08/10/08	AJ/
2-BUTANONE	5030/8260	U	ug/l	1	0.15	10	N/A	08/10/08	AJ/
DIPE	5030/8260	U	ug/l	1	0.15	5.0	N/A	08/10/08	AJ/
CIS-1,2-DICHLOROETHENE	5030/8260	U	ug/l	1	0.33	1.0	N/A	08/10/08	AJ/
BROMOCHLOROMETHANE	5030/8260	U	ug/l	1	0.15	1.0	N/A	08/10/08	AJ/
CHLOROFORM	5030/8260	U	ug/l	1	0.18	1.0	N/A	08/10/08	AJ/
2,2-DICHLOROPROPANE	5030/8260	U	ug/l	1	0.20	1.0	N/A	08/10/08	AJ/
1,2-DICHLOROETHANE	5030/8260	U	ug/l	1	0.12	1.0	N/A	08/10/08	AJ/
1,1,1-TRICHLOROETHANE	5030/8260	U	ug/l	1	0.15	1.0	N/A	08/10/08	AJ/

ANALYTICAL RESULTS
Printed: 08/10/08 08:40pm

Project No: 004124, ATL ASSESSMENT SERVICES P.O. No: DM08026 Inv. No: 217758
Job Name: **AZALES ELEMENTARY**
Job Id:

Sample Number L260058-2
Sample Description SMW-N
Samp. Date/Time/Temp 08/08/08 11:05am NA C
Receive Date 08/09/08
Sampled by Customer Sampled

Parameter	Method	Result		DIL	MDL	PQL	Prep Date	Test Date, Analyst	
1,1-DICHLOROPROPENE	5030/8260	U	ug/l	1	0.24	1.0	N/A	08/10/08	AJ/
CARBON TETRACHLORIDE	5030/8260	U	ug/l	1	0.19	1.0	N/A	08/10/08	AJ/
BENZENE	5030/8260	U	ug/l	1	0.31	1.0	N/A	08/10/08	AJ/
DIBROMOMETHANE	5030/8260	U	ug/l	1	0.21	1.0	N/A	08/10/08	AJ/
1,2-DICHLOROPROPANE	5030/8260	U	ug/l	1	0.25	1.0	N/A	08/10/08	AJ/
TRICHLOROETHENE	5030/8260	U	ug/l	1	0.22	1.0	N/A	08/10/08	AJ/
BROMODICHLOROMETHANE	5030/8260	U	ug/l	1	0.14	0.60	N/A	08/10/08	AJ/
1,4-DIOXANE	5030/8260	U	ug/l	1	9.6	50	N/A	08/10/08	AJ/
2-CHLOROETHYL VINYL ETHER	5030/8260	U	ug/l	1	5.5	10	N/A	08/10/08	AJ/
CIS-1,3-DICHLOROPROPENE	5030/8260	U	ug/l	1	0.19	1.0	N/A	08/10/08	AJ/
4-METHYL-2-PENTANONE	5030/8260	U	ug/l	1	0.86	10	N/A	08/10/08	AJ/
TRANS-1,3-DICHLOROPROPENE	5030/8260	U	ug/l	1	0.19	1.0	N/A	08/10/08	AJ/
1,1,2-TRICHLOROETHANE	5030/8260	U	ug/l	1	0.24	1.0	N/A	08/10/08	AJ/
TOLUENE	5030/8260	U	ug/l	1	0.28	1.0	N/A	08/10/08	AJ/
1,3-DICHLOROPROPANE	5030/8260	U	ug/l	1	0.26	1.0	N/A	08/10/08	AJ/
DIBROMOCHLOROMETHANE	5030/8260	U	ug/l	1	0.20	1.0	N/A	08/10/08	AJ/
2-HEXANONE	5030/8260	U	ug/l	1	0.18	10	N/A	08/10/08	AJ/
1,2-DIBROMOETHANE	5030/8260	U	ug/l	1	0.17	1.0	N/A	08/10/08	AJ/
TETRACHLOROETHENE	5030/8260	U	ug/l	1	0.33	1.0	N/A	08/10/08	AJ/
1,1,1,2-TETRACHLOROETHANE	5030/8260	U	ug/l	1	0.23	1.0	N/A	08/10/08	AJ/
CHLOROBENZENE	5030/8260	U	ug/l	1	0.31	1.0	N/A	08/10/08	AJ/
ETHYL BENZENE	5030/8260	U	ug/l	1	0.31	1.0	N/A	08/10/08	AJ/
M&P-XYLENES	5030/8260	U	ug/l	1	0.77	2.0	N/A	08/10/08	AJ/
BROMOFORM	5030/8260	U	ug/l	1	0.27	1.0	N/A	08/10/08	AJ/
STYRENE	5030/8260	U	ug/l	1	0.26	1.0	N/A	08/10/08	AJ/
O-XYLENE	5030/8260	U	ug/l	1	0.38	1.0	N/A	08/10/08	AJ/

ANALYTICAL RESULTS
Printed: 08/10/08 08:40pm

Project No: 004124, ATL ASSESSMENT SERVICES P.O. No: DM08026 Inv. No: 217758
Job Name: **AZALES ELEMENTARY**
Job Id:

Sample Number L260058-2
Sample Description SMW-N
Samp. Date/Time/Temp 08/08/08 11:05am NA C
Receive Date 08/09/08
Sampled by Customer Sampled

Parameter	Method	Result		DIL	MDL	PQL	Prep Date	Test Date, Analyst	
XYLENES (TOTAL)	5030/8260	U	ug/l	1	1.2	3.0	N/A	08/10/08	AJ/
1,2,3-TRICHLOROPROPANE	5030/8260	U	ug/l	1	0.29	1.0	N/A	08/10/08	AJ/
TRANS-1,4-DICHLORO-2-BUTENE	5030/8260	U	ug/l	1	0.23	10	N/A	08/10/08	AJ/
1,1,2,2-TETRACHLOROETHANE	5030/8260	U	ug/l	1	0.16	1.0	N/A	08/10/08	AJ/
ISOPROPYLBENZENE	5030/8260	U	ug/l	1	0.24	1.0	N/A	08/10/08	AJ/
BROMOBENZENE	5030/8260	U	ug/l	1	0.28	1.0	N/A	08/10/08	AJ/
N-PROPYLBENZENE	5030/8260	U	ug/l	1	0.30	1.0	N/A	08/10/08	AJ/
2-CHLOROTOLUENE	5030/8260	U	ug/l	1	0.28	1.0	N/A	08/10/08	AJ/
4-CHLOROTOLUENE	5030/8260	U	ug/l	1	0.29	1.0	N/A	08/10/08	AJ/
1,3,5-TRIMETHYLBENZENE	5030/8260	U	ug/l	1	0.27	1.0	N/A	08/10/08	AJ/
TERT-BUTYLBENZENE	5030/8260	U	ug/l	1	0.22	1.0	N/A	08/10/08	AJ/
1,2,4-TRIMETHYLBENZENE	5030/8260	U	ug/l	1	0.26	1.0	N/A	08/10/08	AJ/
SEC-BUTYLBENZENE	5030/8260	U	ug/l	1	0.47	1.0	N/A	08/10/08	AJ/
1,3-DICHLOROBENZENE	5030/8260	U	ug/l	1	0.35	1.0	N/A	08/10/08	AJ/
1,4-DICHLOROBENZENE	5030/8260	U	ug/l	1	0.53	1.0	N/A	08/10/08	AJ/
P-ISOPROPYLTOLUENE	5030/8260	U	ug/l	1	0.34	1.0	N/A	08/10/08	AJ/
1,2-DICHLOROBENZENE	5030/8260	U	ug/l	1	0.46	1.0	N/A	08/10/08	AJ/
N-BUTYLBENZENE	5030/8260	U	ug/l	1	0.39	1.0	N/A	08/10/08	AJ/
1,2-DIBROMO-3-CHLOROPROPANE	5030/8260	U	ug/l	1	0.85	1.0	N/A	08/10/08	AJ/
1,2,4-TRICHLOROBENZENE	5030/8260	U	ug/l	1	0.71	1.0	N/A	08/10/08	AJ/
NAPHTHALENE	5030/8260	U	ug/l	1	0.41	1.0	N/A	08/10/08	AJ/
HEXACHLOROBUTADIENE	5030/8260	U	ug/l	1	0.47	1.0	N/A	08/10/08	AJ/
1,2,3-TRICHLOROBENZENE	5030/8260	U	ug/l	1	0.13	1.0	N/A	08/10/08	AJ/
SURROGATES		% RECOVERY			% Recovery Limits				
DIBROMOFLUOROMETHANE (SURR)	5030/8260	107	%	1		69-134		08/10/08	AJ/
TOLUENE-D8 (SURR)	5030/8260	98	%	1		63-127		08/10/08	AJ/

ANALYTICAL RESULTS
Printed: 08/10/08 08:40pm

Project No: 004124, ATL ASSESSMENT SERVICES P.O. No: DM08026 Inv. No: 217758
Job Name: **AZALES ELEMENTARY**
Job Id:

Sample Number L260058-2
Sample Description SMW-N
Samp. Date/Time/Temp 08/08/08 11:05am NA C
Receive Date 08/09/08
Sampled by Customer Sampled

Parameter	Method	Result		DIL	MDL	PQL	Prep Date	Test Date, Analyst	
4-BROMOFLUOROBENZENE (SURR)	5030/8260	92	%	1		64-130		08/10/08	AJ/

 Serial Number: 677229

ANALYTICAL RESULTS
Printed: 08/10/08 08:40pm

Project No: 004124, ATL ASSESSMENT SERVICES P.O. No: DM08026 Inv. No: 217758
Job Name: **AZALES ELEMENTARY**
Job Id:

Sample Number L260058-3
Sample Description TRIP BLANK
Samp. Date/Time/Temp 08/08/08 10:20am NA C
Receive Date 08/09/08
Sampled by Customer Sampled
Received Temp 4 C Iced (Y/N): Y

Parameter	Method	Result		DIL	MDL	PQL	Prep Date	Test Date,	Analyst
Volatile Organic Compounds									
DICHLORODIFLUOROMETHANE	5030/8260	U	ug/l	1	0.26	1.0	N/A	08/10/08	AJ/
CHLOROMETHANE	5030/8260	1.30	ug/l	1	0.28	1.0	N/A	08/10/08	AJ/
VINYL CHLORIDE	5030/8260	U	ug/l	1	0.12	1.0	N/A	08/10/08	AJ/
BROMOMETHANE	5030/8260	U	ug/l	1	0.63	1.0	N/A	08/10/08	AJ/
CHLOROETHANE	5030/8260	U	ug/l	1	0.71	1.0	N/A	08/10/08	AJ/
TRICHLOROFLUOROMETHANE	5030/8260	U	ug/l	1	0.14	1.0	N/A	08/10/08	AJ/
ACROLEIN	5030/8260	U	ug/l	1	1.1	10	N/A	08/10/08	AJ/
ACETONE	5030/8260	4.14 IV	ug/l	1	2.0	10	N/A	08/10/08	AJ/
1,1-DICHLOROETHENE	5030/8260	U	ug/l	1	0.23	1.0	N/A	08/10/08	AJ/
IODOMETHANE	5030/8260	U	ug/l	1	0.18	10	N/A	08/10/08	AJ/
ACRYLONITRILE	5030/8260	U	ug/l	1	0.95	1.0	N/A	08/10/08	AJ/
METHYLENE CHLORIDE	5030/8260	0.930 IV	ug/l	1	0.24	5.0	N/A	08/10/08	AJ/
CARBON DISULFIDE	5030/8260	U	ug/l	1	0.18	10	N/A	08/10/08	AJ/
TRANS-1,2-DICHLOROETHENE	5030/8260	U	ug/l	1	0.27	1.0	N/A	08/10/08	AJ/
METHYL TERTIARY BUTYLETHER	5030/8260	U	ug/l	1	0.12	1.0	N/A	08/10/08	AJ/
1,1-DICHLOROETHANE	5030/8260	U	ug/l	1	0.19	1.0	N/A	08/10/08	AJ/
VINYL ACETATE	5030/8260	U	ug/l	1	0.30	10	N/A	08/10/08	AJ/
2-BUTANONE	5030/8260	U	ug/l	1	0.15	10	N/A	08/10/08	AJ/
DIPE	5030/8260	U	ug/l	1	0.15	5.0	N/A	08/10/08	AJ/
CIS-1,2-DICHLOROETHENE	5030/8260	U	ug/l	1	0.33	1.0	N/A	08/10/08	AJ/
BROMOCHLOROMETHANE	5030/8260	U	ug/l	1	0.15	1.0	N/A	08/10/08	AJ/
CHLOROFORM	5030/8260	5.36	ug/l	1	0.18	1.0	N/A	08/10/08	AJ/
2,2-DICHLOROPROPANE	5030/8260	U	ug/l	1	0.20	1.0	N/A	08/10/08	AJ/
1,2-DICHLOROETHANE	5030/8260	U	ug/l	1	0.12	1.0	N/A	08/10/08	AJ/
1,1,1-TRICHLOROETHANE	5030/8260	U	ug/l	1	0.15	1.0	N/A	08/10/08	AJ/

ANALYTICAL RESULTS
Printed: 08/10/08 08:40pm

Project No: 004124, ATL ASSESSMENT SERVICES P.O. No: DM08026 Inv. No: 217758
Job Name: **AZALES ELEMENTARY**
Job Id:

Sample Number L260058-3
Sample Description TRIP BLANK
Samp. Date/Time/Temp 08/08/08 10:20am NA C
Receive Date 08/09/08
Sampled by Customer Sampled

Parameter	Method	Result		DIL	MDL	PQL	Prep Date	Test Date, Analyst	
1,1-DICHLOROPROPENE	5030/8260	U	ug/l	1	0.24	1.0	N/A	08/10/08	AJ/
CARBON TETRACHLORIDE	5030/8260	U	ug/l	1	0.19	1.0	N/A	08/10/08	AJ/
BENZENE	5030/8260	U	ug/l	1	0.31	1.0	N/A	08/10/08	AJ/
DIBROMOMETHANE	5030/8260	U	ug/l	1	0.21	1.0	N/A	08/10/08	AJ/
1,2-DICHLOROPROPANE	5030/8260	U	ug/l	1	0.25	1.0	N/A	08/10/08	AJ/
TRICHLOROETHENE	5030/8260	U	ug/l	1	0.22	1.0	N/A	08/10/08	AJ/
BROMODICHLOROMETHANE	5030/8260	0.430 I	ug/l	1	0.14	0.60	N/A	08/10/08	AJ/
1,4-DIOXANE	5030/8260	U	ug/l	1	0.14	0.60	N/A	08/10/08	AJ/
2-CHLOROETHYL VINYL ETHER	5030/8260	U	ug/l	1	5.5	10	N/A	08/10/08	AJ/
CIS-1,3-DICHLOROPROPENE	5030/8260	U	ug/l	1	0.19	1.0	N/A	08/10/08	AJ/
4-METHYL-2-PENTANONE	5030/8260	U	ug/l	1	0.86	10	N/A	08/10/08	AJ/
TRANS-1,3-DICHLOROPROPENE	5030/8260	U	ug/l	1	0.19	1.0	N/A	08/10/08	AJ/
1,1,2-TRICHLOROETHANE	5030/8260	U	ug/l	1	0.24	1.0	N/A	08/10/08	AJ/
TOLUENE	5030/8260	U	ug/l	1	0.28	1.0	N/A	08/10/08	AJ/
1,3-DICHLOROPROPANE	5030/8260	U	ug/l	1	0.26	1.0	N/A	08/10/08	AJ/
DIBROMOCHLOROMETHANE	5030/8260	U	ug/l	1	0.20	1.0	N/A	08/10/08	AJ/
2-HEXANONE	5030/8260	U	ug/l	1	0.18	10	N/A	08/10/08	AJ/
1,2-DIBROMOETHANE	5030/8260	U	ug/l	1	0.17	1.0	N/A	08/10/08	AJ/
TETRACHLOROETHENE	5030/8260	U	ug/l	1	0.33	1.0	N/A	08/10/08	AJ/
1,1,1,2-TETRACHLOROETHANE	5030/8260	U	ug/l	1	0.23	1.0	N/A	08/10/08	AJ/
CHLOROBENZENE	5030/8260	U	ug/l	1	0.31	1.0	N/A	08/10/08	AJ/
ETHYL BENZENE	5030/8260	U	ug/l	1	0.31	1.0	N/A	08/10/08	AJ/
M&P-XYLENES	5030/8260	U	ug/l	1	0.77	2.0	N/A	08/10/08	AJ/
BROMOFORM	5030/8260	U	ug/l	1	0.27	1.0	N/A	08/10/08	AJ/
STYRENE	5030/8260	U	ug/l	1	0.26	1.0	N/A	08/10/08	AJ/
O-XYLENE	5030/8260	U	ug/l	1	0.38	1.0	N/A	08/10/08	AJ/

ANALYTICAL RESULTS
Printed: 08/10/08 08:40pm

Project No: 004124, ATL ASSESSMENT SERVICES P.O. No: DM08026 Inv. No: 217758
Job Name: **AZALES ELEMENTARY**
Job Id:

Sample Number L260058-3
Sample Description TRIP BLANK
Samp. Date/Time/Temp 08/08/08 10:20am NA C
Receive Date 08/09/08
Sampled by Customer Sampled

Parameter	Method	Result		DIL	MDL	PQL	Prep Date	Test Date,	Analyst
XYLENES (TOTAL)	5030/8260	U	ug/l	1	1.2	3.0	N/A	08/10/08	AJ/
1,2,3-TRICHLOROPROPANE	5030/8260	U	ug/l	1	0.29	1.0	N/A	08/10/08	AJ/
TRANS-1,4-DICHLORO-2-BUTENE	5030/8260	U	ug/l	1	0.23	10	N/A	08/10/08	AJ/
1,1,2,2-TETRACHLOROETHANE	5030/8260	U	ug/l	1	0.16	1.0	N/A	08/10/08	AJ/
ISOPROPYLBENZENE	5030/8260	U	ug/l	1	0.24	1.0	N/A	08/10/08	AJ/
BROMOBENZENE	5030/8260	U	ug/l	1	0.28	1.0	N/A	08/10/08	AJ/
N-PROPYLBENZENE	5030/8260	U	ug/l	1	0.30	1.0	N/A	08/10/08	AJ/
2-CHLOROTOLUENE	5030/8260	U	ug/l	1	0.28	1.0	N/A	08/10/08	AJ/
4-CHLOROTOLUENE	5030/8260	U	ug/l	1	0.29	1.0	N/A	08/10/08	AJ/
1,3,5-TRIMETHYLBENZENE	5030/8260	U	ug/l	1	0.27	1.0	N/A	08/10/08	AJ/
TERT-BUTYLBENZENE	5030/8260	U	ug/l	1	0.22	1.0	N/A	08/10/08	AJ/
1,2,4-TRIMETHYLBENZENE	5030/8260	U	ug/l	1	0.26	1.0	N/A	08/10/08	AJ/
SEC-BUTYLBENZENE	5030/8260	U	ug/l	1	0.47	1.0	N/A	08/10/08	AJ/
1,3-DICHLOROBENZENE	5030/8260	U	ug/l	1	0.35	1.0	N/A	08/10/08	AJ/
1,4-DICHLOROBENZENE	5030/8260	U	ug/l	1	0.53	1.0	N/A	08/10/08	AJ/
P-ISOPROPYLTOLUENE	5030/8260	U	ug/l	1	0.34	1.0	N/A	08/10/08	AJ/
1,2-DICHLOROBENZENE	5030/8260	U	ug/l	1	0.46	1.0	N/A	08/10/08	AJ/
N-BUTYLBENZENE	5030/8260	U	ug/l	1	0.39	1.0	N/A	08/10/08	AJ/
1,2-DIBROMO-3-CHLOROPROPANE	5030/8260	U	ug/l	1	0.85	1.0	N/A	08/10/08	AJ/
1,2,4-TRICHLOROBENZENE	5030/8260	U	ug/l	1	0.71	1.0	N/A	08/10/08	AJ/
NAPHTHALENE	5030/8260	1.12	ug/l	1	0.41	1.0	N/A	08/10/08	AJ/
HEXACHLOROBUTADIENE	5030/8260	U	ug/l	1	0.47	1.0	N/A	08/10/08	AJ/
1,2,3-TRICHLOROBENZENE	5030/8260	U	ug/l	1	0.13	1.0	N/A	08/10/08	AJ/
SURROGATES		% RECOVERY			% Recovery Limits				
DIBROMOFLUOROMETHANE (SURR)	5030/8260	104	%	1		69-134		08/10/08	AJ/
TOLUENE-D8 (SURR)	5030/8260	99	%	1		63-127		08/10/08	AJ/

ANALYTICAL RESULTS
Printed: 08/10/08 08:40pm

Project No: 004124, ATL ASSESSMENT SERVICES P.O. No: DM08026 Inv. No: 217758
Job Name: **AZALES ELEMENTARY**
Job Id:

Sample Number L260058-3
Sample Description TRIP BLANK
Samp. Date/Time/Temp 08/08/08 10:20am NA C
Receive Date 08/09/08
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Parameter	Method	Result		DIL	MDL	PQL	Prep Date	Test Date, Analyst	
4-BROMOFLUOROBENZENE (SURR)	5030/8260	95	%	1		64-130		08/10/08	AJ/

 Serial Number: 677229

USBiosystems

3231NW 7th Ave, Boca Raton, FL 33431
www.usbiosystems.com

CHAIN OF CUSTODY RECORD

Log# L260058 T#S___ Quote:_____ Page 1 of 1

Company Name: ATLAS PO# DM08026
Address: 302 Druid Rd W
City: Clearwater State: FL Zip: 33756
Attn: Darrin McAllister Fax# 7272301573
email: geodaro@tampabay.rr.com
Project Name: Azalea Elementary Proj # 08026
Sampler Signature: [signature] Phone# 727 4806786

LAB ANALYSIS

#	Sample Label (Client ID)	Collect Date	Collect Time	Matrix Code*	Field Filtered	Integrity OK(Y/N)	Total # of containers	Parameters: 8260 (full)									EXAMPLE Diss.8RCRA 6010
								Sample									
								TRC									
								pH									
								Pres Codes	EI								
i.e.	MW-1	6/16/04	11:35	GW	X		1	# of Containers / Size/Type									1 / 16ozP
_1	DMW-W	8/8/08	1020	GW			2		2 40mlV		2V						
_2	SMW-N	8/8/08	1105	GW			2		2 40mlV		2V						
_3	Trip blank										2V						
_4																	
_5																	
_6																	
_7																	
_8																	
_9																	
_0																	

Container Type Codes

AV	Amber Vial	ES	Encore Sampler
CV	Clear Vial	PPV	Prepreserved vial
P	Plastic	PL C	Plastic container
AL	Amber Liter	PL J	Plastic Jar
CL	Clear Liter	Ziploc	Ziploc bag
AP	Amber Plastic	TEDLAR B	Tedlar bag
AG	Amber Glass	WHIRL P	Whirl pak
SJ	Soil Jar	G	Gallon Jug

Other_____
Size(s): 2oz, 4oz, 8oz, 16oz, 32oz or 1L, 40ml other____
Example: 4ozP = 4oz Plastic, 8ozSJ= 8oz Soil Jar

Matrix Codes*

SD	Solid Waste	WW	Waste Water
SO	Soil	AFW	Analyte Free Water
SE	Sediment	DW	Drinking Water
OL	Oil	SU	Surface Water
PE	Petroleum	AQ	Aqueous
NA	Nonaqueous	SW	Source Water
ML	Misc. Liquid	A	Air
GW	Ground Water	O	Other _____ (Please Specify)
EFF	Effluent		
INF	Influent		

Pres/Codes

A. None	E. HCL	I. Ice
B. HNO_3	F. MeOH	J. MCAA
C. H_2SO_4	G. $Na_2S_2O_3$	K. Zn Acetate
D. NaOH	H. $NaHSO_4$	O. Other

REMARKS

* Results Saturday 8/9/2008 (via email)

Standard	RUSH	Short Hold	QA/QC Report Level	COC OK	Initials	Required State Certification	Coolers #'s
Y/N Y	Date Required 8/9/08	Y X N	None 1 2 3 Other	Y N	BS		

Item	Relinquished by	Affiliation	Date	Time	Received by	Affiliation	Date	Time
Samples	[signature]	ATLAS	8/8/08	1400	FED-EX	—	—	—
					Brooke [signature]	GAS	8/9/08	1010

Lab Use Only

	Yes	No	N/A
Sample INTACT upon arrival	✓		
Received on Wet Ice? Temp 4 °C			
Proper Preservatives Indicated?			
Received within holding time?			
Custody seals Intact?			
Volatile rec'd without headspace?			
Proper Containers Used?			

ORIGINAL

167106