TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 680-56625-1

Job Description: WGK Vapor Sampling 3/29/2010

For:
Solutia Inc.
575 Maryville Centre Dr.
Saint Louis, MO 63141

Attention: Mr. William G Johnson

Approved for release.
Lidya Gulizia
Project Manager I
4/21/2010 10:36 AM

Lidya Gulizia
Project Manager I
lidya.gulizia@testamericainc.com
04/21/2010

cc: Mr. Scott Crawford
Erin Stanisewski

Savannah Certifications and ID #s: A2LA: 0399.01; AL: 41450; ARDEQ: 88-0692; ARDOH; CA: 03217CA; CO; CT: PH0161; DE; FL: E87052; GA: 803; Guam; HI; IL: 200022; IN; IA: 353; KS: E-10322; KY EPPC: 90084; KY UST; LA DEQ: 30690; LA DHH: LA080008; ME: 2008022; MD: 250; MA: M-GA006; MI: 9925; MS; NFESC: 249; NV: GA00006; NJ: GA769; NM; NY: 10842; NC DWQ: 269; NC DHHS: 13701; PA: 68-00474; PR: GA00006; RI: LAO00244; SC: 98001001; TN: TN0296; TX: T104704185; USEPA: GA00006; VT: VT-87052; VA: 00302; WA; WV DEP: 094; WV DHHR: 9950 C; WI DNR: 999819810; WY/EPAR8: 8TMS-Q

TestAmerica Laboratories, Inc.
TestAmerica Savannah 5102 LaRoche Avenue, Savannah, GA 31404
Tel (912) 354-7858 Fax (912) 352-0165 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Receipt
Following sample collection, the air sample was sent directly to TestAmerica Knoxville for analysis and was received in good condition on March 30, 2010. Please refer to the sample receiving information contained in the body of the Knoxville report for more detailed information regarding receipt.

Subcontract Work
Method(s) VOCs in Ambient Air / Tedlar Bag: The sample has been subcontracted to TestAmerica Knoxville the subcontract certifications are different from those listed on the TestAmerica cover page of this final report.

METHOD SUMMARY

Client: Solutia Inc. Job Number: 680-56625-1

Description	Lab Location	Method	Preparation Method
Matrix: Air - Tedlar Bag			
EPA TO-15	TAL KNX	EPA-21 TO-15	

Lab References:

TAL KNX = TestAmerica Knoxville

Method References:

EPA-21 = "Compendium Of Methods For The Determination Of Toxic Organic Compounds In Ambient Air", Second Edition, EPA/625/R-96/010B, January 1999

SAMPLE SUMMARY

Client: Solutia Inc. Job Number: 680-56625-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-56625-1	WGK-BIGMO-SVE-Line A-V	Air - Tedlar Bag	03/29/2010 1500	03/30/2010 0930

SAMPLE RESULTS

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

ANALYTICAL REPORT

PROJECT NO. 680-56625

Solutia Vapor Sampling

Lot #: H0C300411

Lidya Gulizia

TestAmerica Savannah
5102 Laroche Avenue
Savannah, GA 31404

TESTAMERICA LABORATORIES, INC.

Terry Wasmund
Project Manager

April 19, 2010

ANALYTICAL METHODS SUMMARY

H0C300411

PARAMETER	ANALYTICAL METHOD
Volatile Organics by TO15	EPA-2 TO-15

References:

EPA-2 "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air", EPA-625/R-96/010b, January 1999.

SAMPLE SUMMARY

H0C300411

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
LW9NW	001	WGK-BIGMO-SVE-LINE A-V	03/29/10	15:00

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

PROJECT NARRATIVE
H0C300411

The results reported herein are applicable to the samples submitted for analysis only.

This report shall not be reproduced except in full, without the written approval of the laboratory.

The original chain of custody documentation is included with this report.

Sample Receipt

Sample WGK-BIGMO-TMX-INF-A listed on the chain of custody appears not to have been collected. Only one sample was received and the client was notified.

Custody seals were not present.

Quality Control and Data Interpretation

Unless otherwise noted, all holding times and QC criteria were met and the test results shown in this report meet all applicable NELAC requirements.

EPA methods TO-14A and TO-15 specify the use of humidified "zero air" as the blank reagent for canister cleaning, instrument calibration and sample analysis. Ultra-high purity humidified nitrogen from a cryogenic reservoir is used in place of "zero air" by TestAmerica Knoxville.

The sample was received on 03/30/10 in a Tedlar bag and transferred into a Summa Canister within 72 hours of sampling.

TestAmerica Savannah

Client Sample ID: WGK-BIGMO-SVE-LINE A-V

GC/MS Volatiles

Lot-Sample #...: H0C300411-001 **Work Order #...:** LW9NW1AA **Matrix.....:** AIR
Date Sampled...: 03/29/10 **Date Received..:** 03/30/10
Prep Date.....: 04/02/10 **Analysis Date..:** 04/02/10
Prep Batch #...: 0092254
Dilution Factor: 159900.1 **Method.....:** EPA-2 TO-15

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	32000	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	32000	ppb(v/v)
Chloromethane	ND	80000	ppb(v/v)
Vinyl chloride	ND	32000	ppb(v/v)
Bromomethane	ND	32000	ppb(v/v)
Chloroethane	ND	32000	ppb(v/v)
Trichlorofluoromethane	ND	32000	ppb(v/v)
1,1-Dichloroethene	ND	32000	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	32000	ppb(v/v)
Methylene chloride	ND	80000	ppb(v/v)
1,1-Dichloroethane	ND	32000	ppb(v/v)
cis-1,2-Dichloroethene	ND	32000	ppb(v/v)
Chloroform	ND	32000	ppb(v/v)
1,1,1-Trichloroethane	ND	32000	ppb(v/v)
Carbon tetrachloride	ND	32000	ppb(v/v)
Benzene	**1400000**	**32000**	**ppb(v/v)**
1,2-Dichloroethane	ND	32000	ppb(v/v)
Trichloroethene	ND	32000	ppb(v/v)
1,2-Dichloropropane	ND	32000	ppb(v/v)
cis-1,3-Dichloropropene	ND	32000	ppb(v/v)
Toluene	ND	32000	ppb(v/v)
trans-1,3-Dichloropropene	ND	32000	ppb(v/v)
1,1,2-Trichloroethane	ND	32000	ppb(v/v)
Tetrachloroethene	ND	32000	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	32000	ppb(v/v)
Chlorobenzene	ND	32000	ppb(v/v)
Ethylbenzene	ND	32000	ppb(v/v)
m-Xylene & p-Xylene	ND	32000	ppb(v/v)
o-Xylene	ND	32000	ppb(v/v)
Styrene	ND	32000	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	32000	ppb(v/v)
1,3,5-Trimethylbenzene	ND	32000	ppb(v/v)
1,2,4-Trimethylbenzene	ND	32000	ppb(v/v)
1,3-Dichlorobenzene	ND	32000	ppb(v/v)
1,4-Dichlorobenzene	ND	32000	ppb(v/v)
1,2-Dichlorobenzene	ND	32000	ppb(v/v)
Benzyl chloride	ND	64000	ppb(v/v)

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TestAmerica Savannah

Client Sample ID: WGK-BIGMO-SVE-LINE A-V

GC/MS Volatiles

Lot-Sample #...: H0C300411-001 **Work Order #...:** LW9NW1AA **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichloro-benzene	ND	160000	ppb(v/v)
Hexachlorobutadiene	ND	160000	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	97	(60 - 140)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: H0C300411 **Work Order #...:** LXG0L1AA **Matrix.....:** AIR
MB Lot-Sample #: H0D020000-254

Prep Date.....: 04/02/10
Analysis Date..: 04/02/10 **Prep Batch #...:** 0092254
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
Chloromethane	ND	0.50	ppb(v/v)	EPA-2 TO-15
Vinyl chloride	ND	0.20	ppb(v/v)	EPA-2 TO-15
Bromomethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
Chloroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
Trichlorofluoromethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,1-Dichloroethene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
Methylene chloride	ND	0.50	ppb(v/v)	EPA-2 TO-15
1,1-Dichloroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
cis-1,2-Dichloroethene	ND	0.20	ppb(v/v)	EPA-2 TO-15
Chloroform	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,1,1-Trichloroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
Carbon tetrachloride	ND	0.20	ppb(v/v)	EPA-2 TO-15
Benzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,2-Dichloroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
Trichloroethene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,2-Dichloropropane	ND	0.20	ppb(v/v)	EPA-2 TO-15
cis-1,3-Dichloropropene	ND	0.20	ppb(v/v)	EPA-2 TO-15
Toluene	ND	0.20	ppb(v/v)	EPA-2 TO-15
trans-1,3-Dichloropropene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,1,2-Trichloroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
Tetrachloroethene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,2-Dibromoethane (EDB)	ND	0.20	ppb(v/v)	EPA-2 TO-15
Chlorobenzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
Ethylbenzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
m-Xylene & p-Xylene	ND	0.20	ppb(v/v)	EPA-2 TO-15
o-Xylene	ND	0.20	ppb(v/v)	EPA-2 TO-15
Styrene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,1,2,2-Tetrachloroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,3,5-Trimethylbenzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,2,4-Trimethylbenzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,3-Dichlorobenzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,4-Dichlorobenzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,2-Dichlorobenzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
Benzyl chloride	ND	0.40	ppb(v/v)	EPA-2 TO-15
1,2,4-Trichloro-benzene	ND	1.0	ppb(v/v)	EPA-2 TO-15

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: H0C300411 **Work Order #...:** LXG0L1AA **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Hexachlorobutadiene	ND	1.0	ppb(v/v)	EPA-2 TO-15

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	98	(60 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: H0C300411 Work Order #...: LXG0L1AC Matrix.....: AIR
LCS Lot-Sample#: H0D020000-254
Prep Date.....: 04/02/10 Analysis Date..: 04/02/10
Prep Batch #...: 0092254
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dichlorodifluoromethane	105	(60 - 140)	EPA-2 TO-15
1,2-Dichloro-1,1,2,2-tetrafluoroethane	119	(60 - 140)	EPA-2 TO-15
Chloromethane	104	(60 - 140)	EPA-2 TO-15
Vinyl chloride	106	(70 - 130)	EPA-2 TO-15
Bromomethane	109	(70 - 130)	EPA-2 TO-15
Chloroethane	110	(70 - 130)	EPA-2 TO-15
Trichlorofluoromethane	104	(60 - 140)	EPA-2 TO-15
1,1-Dichloroethene	92	(70 - 130)	EPA-2 TO-15
1,1,2-Trichloro-1,2,2-trifluoroethane	92	(70 - 130)	EPA-2 TO-15
Methylene chloride	89	(70 - 130)	EPA-2 TO-15
1,1-Dichloroethane	100	(70 - 130)	EPA-2 TO-15
cis-1,2-Dichloroethene	100	(70 - 130)	EPA-2 TO-15
Chloroform	100	(70 - 130)	EPA-2 TO-15
1,1,1-Trichloroethane	102	(70 - 130)	EPA-2 TO-15
Carbon tetrachloride	100	(70 - 130)	EPA-2 TO-15
Benzene	96	(70 - 130)	EPA-2 TO-15
1,2-Dichloroethane	100	(70 - 130)	EPA-2 TO-15
Trichloroethene	92	(70 - 130)	EPA-2 TO-15
1,2-Dichloropropane	108	(70 - 130)	EPA-2 TO-15
cis-1,3-Dichloropropene	110	(70 - 130)	EPA-2 TO-15
Toluene	107	(70 - 130)	EPA-2 TO-15
trans-1,3-Dichloropropene	110	(70 - 130)	EPA-2 TO-15
1,1,2-Trichloroethane	113	(70 - 130)	EPA-2 TO-15
Tetrachloroethene	97	(70 - 130)	EPA-2 TO-15
1,2-Dibromoethane (EDB)	109	(70 - 130)	EPA-2 TO-15
Chlorobenzene	102	(70 - 130)	EPA-2 TO-15
Ethylbenzene	112	(70 - 130)	EPA-2 TO-15
m-Xylene & p-Xylene	113	(70 - 130)	EPA-2 TO-15
o-Xylene	112	(70 - 130)	EPA-2 TO-15
Styrene	122	(70 - 130)	EPA-2 TO-15
1,1,2,2-Tetrachloroethane	122	(70 - 130)	EPA-2 TO-15
1,3,5-Trimethylbenzene	122	(70 - 130)	EPA-2 TO-15

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: H0C300411 **Work Order #...:** LXG0L1AC **Matrix.....:** AIR
LCS Lot-Sample#: H0D020000-254

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2,4-Trimethylbenzene	**127**	**(70 - 130)**	**EPA-2 TO-15**
1,3-Dichlorobenzene	**111**	**(70 - 130)**	**EPA-2 TO-15**
1,4-Dichlorobenzene	**112**	**(70 - 130)**	**EPA-2 TO-15**
1,2-Dichlorobenzene	**119**	**(70 - 130)**	**EPA-2 TO-15**
Benzyl chloride	**128**	**(70 - 130)**	**EPA-2 TO-15**
1,2,4-Trichloro-benzene	**121**	**(60 - 140)**	**EPA-2 TO-15**
Hexachlorobutadiene	**113**	**(60 - 140)**	**EPA-2 TO-15**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	100	(60 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: H0C300411 Work Order #...: LXG0L1AC Matrix.....: AIR
LCS Lot-Sample#: H0D020000-254
Prep Date.....: 04/02/10 Analysis Date..: 04/02/10
Prep Batch #...: 0092254
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dichlorodifluoromethane	10.0	10.5	ppb(v/v)	105	EPA-2 TO-15
1,2-Dichloro-1,1,2,2-tetrafluoroethane	10.0	11.9	ppb(v/v)	119	EPA-2 TO-15
Chloromethane	10.0	10.4	ppb(v/v)	104	EPA-2 TO-15
Vinyl chloride	10.0	10.6	ppb(v/v)	106	EPA-2 TO-15
Bromomethane	10.0	10.9	ppb(v/v)	109	EPA-2 TO-15
Chloroethane	10.0	11.0	ppb(v/v)	110	EPA-2 TO-15
Trichlorofluoromethane	10.0	10.4	ppb(v/v)	104	EPA-2 TO-15
1,1-Dichloroethene	10.0	9.22	ppb(v/v)	92	EPA-2 TO-15
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	9.20	ppb(v/v)	92	EPA-2 TO-15
Methylene chloride	10.0	8.92	ppb(v/v)	89	EPA-2 TO-15
1,1-Dichloroethane	10.0	10.0	ppb(v/v)	100	EPA-2 TO-15
cis-1,2-Dichloroethene	10.0	10.0	ppb(v/v)	100	EPA-2 TO-15
Chloroform	10.0	10.0	ppb(v/v)	100	EPA-2 TO-15
1,1,1-Trichloroethane	10.0	10.2	ppb(v/v)	102	EPA-2 TO-15
Carbon tetrachloride	10.0	10.0	ppb(v/v)	100	EPA-2 TO-15
Benzene	10.0	9.64	ppb(v/v)	96	EPA-2 TO-15
1,2-Dichloroethane	10.0	9.96	ppb(v/v)	100	EPA-2 TO-15
Trichloroethene	10.0	9.22	ppb(v/v)	92	EPA-2 TO-15
1,2-Dichloropropane	10.0	10.8	ppb(v/v)	108	EPA-2 TO-15
cis-1,3-Dichloropropene	10.0	11.0	ppb(v/v)	110	EPA-2 TO-15
Toluene	10.0	10.7	ppb(v/v)	107	EPA-2 TO-15
trans-1,3-Dichloropropene	10.0	11.0	ppb(v/v)	110	EPA-2 TO-15
1,1,2-Trichloroethane	10.0	11.3	ppb(v/v)	113	EPA-2 TO-15
Tetrachloroethene	10.0	9.68	ppb(v/v)	97	EPA-2 TO-15
1,2-Dibromoethane (EDB)	10.0	10.9	ppb(v/v)	109	EPA-2 TO-15
Chlorobenzene	10.0	10.2	ppb(v/v)	102	EPA-2 TO-15
Ethylbenzene	10.0	11.2	ppb(v/v)	112	EPA-2 TO-15
m-Xylene & p-Xylene	20.0	22.7	ppb(v/v)	113	EPA-2 TO-15
o-Xylene	10.0	11.2	ppb(v/v)	112	EPA-2 TO-15
Styrene	10.0	12.2	ppb(v/v)	122	EPA-2 TO-15
1,1,2,2-Tetrachloroethane	10.0	12.2	ppb(v/v)	122	EPA-2 TO-15
1,3,5-Trimethylbenzene	10.0	12.2	ppb(v/v)	122	EPA-2 TO-15

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: H0C300411 **Work Order #...:** LXG0L1AC **Matrix.....:** AIR
LCS Lot-Sample#: H0D020000-254

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,2,4-Trimethylbenzene	**10.0**	**12.7**	**ppb(v/v)**	**127**	**EPA-2 TO-15**
1,3-Dichlorobenzene	**10.0**	**11.1**	**ppb(v/v)**	**111**	**EPA-2 TO-15**
1,4-Dichlorobenzene	**10.0**	**11.2**	**ppb(v/v)**	**112**	**EPA-2 TO-15**
1,2-Dichlorobenzene	**10.0**	**11.9**	**ppb(v/v)**	**119**	**EPA-2 TO-15**
Benzyl chloride	**10.0**	**12.8**	**ppb(v/v)**	**128**	**EPA-2 TO-15**
1,2,4-Trichloro-benzene	**10.0**	**12.1**	**ppb(v/v)**	**121**	**EPA-2 TO-15**
Hexachlorobutadiene	**10.0**	**11.3**	**ppb(v/v)**	**113**	**EPA-2 TO-15**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
4-Bromofluorobenzene	100	(60 - 140)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

H0C300411
H0C300409
BKD 3.30.10

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Reggie Gardner - PSC	Lab PM: Lidya Gulizia	Carrier Tracking No(s): FEDEX	COC No:
Client Contact: William Johnson	Phone: 618-407-3811	E-Mail: rgardner@pscnow.com		Page: 1 of 1
Company: Solutia Inc.				TA Job #:
Address: 575 Maryville Centre Dr.	Due Date Requested:			
City: Saint Louis	TAT Requested (days): Standard			
State, Zip: Missouri 63141				
Phone: 603-778-1100 x234	PO #:			
Email: crawford@xdd-llc.com	WO #:			
Project Name: XDD - Solutia BIG MO	Project #: Solutia - Sauget BIG MO			
Site: Sauget, IL	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	US EPA TO-15 (Level 2)	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
WGK-BIGMO-SVE-Line A-V	3/29/2009	1500	G	A			x		
WGK-BIGMO-TMX-INF-A	/ /2009		G	A			x		

1 BOX RELIQ AMBIENT
FEDEX # 8703 2902 2250
NO CUSTODY SEAL TS 3/30/10

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Possible Hazard Identification

☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown* ☐ *Radiological*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	3/29/10 @ 2000	PSC		3/30/10 0930	TA KNOX.
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

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TESTAMERICA KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST

Lot Number: ~~H0C300409~~ H0C300411 ~~D00330711~~

Review Items	Yes	No	NA	If No, what was the problem?	Comments/Actions Taken
1. Do sample container labels match COC? (IDs, Dates, Times)	✓			☐ **1a** Do not match COC ☐ **1b** Incomplete information ☐ **1c** Marking smeared ☐ **1d** Label torn ☐ **1e** No label ☐ **1f** COC not received ☑ **1g** Other:	4A IG,WGK-B16MD-7MX-INF-A, LISTED ON COC, LOOKS LIKE CLIENT DID NOT COLLECT SAMPLE
2. Is the cooler temperature within limits? (> freezing temp. of water to 6 °C; NC, 1668, 1613B: 0-4°C; VOST: 10°C; MA: 2-6 °C)			✓	☐ **2a** Temp Blank = _____ ☐ **2b** Cooler Temp = _____	
3. Were samples received with correct chemical preservative (excluding Encore)?			✓	☐ **3a** Sample preservative =	
4. Were custody seals present/intact on cooler and/or containers?		✓		☑ **4a** Not present ☐ **4b** Not intact ☐ **4c** Other:	
5. Were all of the samples listed on the COC received?	✓			☐ **5a** Samples received-not on COC ☐ **5b** Samples not received-on COC	
6. Were all of the sample containers received intact?	✓			☐ **6a** Leaking ☐ **6b** Broken	
7. Were VOA samples received without headspace?			✓	☐ **7a** Headspace (VOA only)	
8. Were samples received in appropriate containers?	✓			☐ **8a** Improper container	
9. Did you check for residual chlorine, if necessary?			✓	☐ **9a** Could not be determined due to matrix interference	
10. Were samples received within holding time?	✓			☐ **10a** Holding time expired	
11. For rad samples, was sample activity info. provided?			✓	☐ Incomplete information	
12. For 1613B water samples is pH<9?			✓	If no, was pH adjusted to pH 7 - 9 with sulfuric acid? _____	
13. Are the shipping containers intact?	✓			☐ **13a** Leaking ☐ **13b** Other:	
14. Was COC relinquished? (Signed/Dated/Timed)	✓			☐ **14a** Not relinquished	
15. Are tests/parameters listed for each sample?	✓			☐ **15a** Incomplete information	
16. Is the matrix of the samples noted?	✓			☐ **15a** Incomplete information	
17. Is the date/time of sample collection noted?	✓			☐ **15a** Incomplete information	
18. Is the client and project name/# identified?	✓			☐ **15a** Incomplete information	
19. Was the sampler identified on the COC?	✓				

Quote #: 80050 PM Instructions: _____

Sample Receiving Associate: Jill Smith Date: 3/30/10

QA026R21.doc, 090409

Test America - Knoxville — Air Canister Dilution Log

Lot Number: *H0C300411*

Initial Can Pressure							Subsequent Dilutions											
Analyst/Date	Tedlar Bag Time	Pbarr (in)	Sample ID	Can #	Pres. upon receipt (-in or + psig)	Adj. Initial Pres. (-in or + psig)	Analyst/Date	I / S	Pbarr (in)	Initial Pres. Pi (in)	Final Pres. Pf (psig)	First InCan Final Pres. Pf (psig)	2nd Second In-can Final Pres. Pf (psig)	Third InCan Final Pres. Pf (psig)	Serial Dilution Can #	Vol (mL)	1st Final Pres. Pf (psig)	Comments
~~DH~~ 3-31-10	1625	28.99	LW9NW										+29.7		12838	2ml	+28.8	8582