

November 14, 2011

Mr. John Brenner
West Lebanon Township
322 N. 22nd Street
Lebanon, PA 17042

Certificate of Analysis

Project Name: 2011 - DW TESTING AND SOC	Workorder: 9936214
Purchase Order:	Workorder ID: Regulated VOCs - Special

Dear Mr. Brenner,

Enclosed are the analytical results for samples received by the laboratory on Tuesday, November 08, 2011.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Kelli Wolfgang (Project Coordinator) or Anna G Milliken (Technical Manager) at (717) 944-5541.

Please visit us at www.analyticalab.com for a listing of ALS' NELAP accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

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

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.



Anna G Milliken
Technical Manager

ALS Environmental Laboratory Locations Across North America

Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

PRELIMINARY RESULTS

Workorder: 9936214 Regulated VOCs - Special

Lab ID: **9936214001**

Date Collected: 11/8/2011 08:15

Matrix: Drinking Water

Sample ID: **Special Entry Point 101**

Date Received: 11/8/2011 09:47

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
VOLATILE ORGANICS									
Benzene	ND		ug/L	0.50	EPA 524.2		11/10/11 22:52	MES	A
Carbon Tetrachloride	ND		ug/L	0.50	EPA 524.2		11/10/11 22:52	MES	A
Chlorobenzene	ND		ug/L	0.50	EPA 524.2		11/10/11 22:52	MES	A
1,2-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2		11/10/11 22:52	MES	A
1,4-Dichlorobenzene	1.4		ug/L	0.50	EPA 524.2		11/10/11 22:52	MES	A
1,2-Dichloroethane	ND		ug/L	0.50	EPA 524.2		11/10/11 22:52	MES	A
1,1-Dichloroethene	ND		ug/L	0.50	EPA 524.2		11/10/11 22:52	MES	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2		11/10/11 22:52	MES	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2		11/10/11 22:52	MES	A
1,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2		11/10/11 22:52	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		11/10/11 22:52	MES	A
Methylene Chloride	ND		ug/L	0.50	EPA 524.2		11/10/11 22:52	MES	A
Styrene	ND		ug/L	0.50	EPA 524.2		11/10/11 22:52	MES	A
Tetrachloroethene	10.4		ug/L	0.50	EPA 524.2		11/10/11 22:52	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		11/10/11 22:52	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		11/10/11 22:52	MES	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	EPA 524.2		11/10/11 22:52	MES	A
1,1,1-Trichloroethane	ND		ug/L	0.50	EPA 524.2		11/10/11 22:52	MES	A
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 524.2		11/10/11 22:52	MES	A
Trichloroethene	ND		ug/L	0.50	EPA 524.2		11/10/11 22:52	MES	A
Vinyl Chloride	ND		ug/L	0.50	EPA 524.2		11/10/11 22:52	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	103		%	70-130	EPA 524.2		11/10/11 22:52	MES	A
4-Bromofluorobenzene (S)	104		%	70-130	EPA 524.2		11/10/11 22:52	MES	A

Sample Comments:


Anna G Milliken
Technical Manager

ALS Environmental Laboratory Locations Across North America

Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
Vancouver Waterloo · Winnipeg · Yellowknife **United States:** Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York **Mexico:** Monterrey

PRELIMINARY RESULTS

Workorder: 9936214 Regulated VOCs - Special

Lab ID: **9936214002**
Sample ID: **Raw 002 - Well 2**

Date Collected: 11/8/2011 08:35
Date Received: 11/8/2011 09:47

Matrix: Drinking Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
VOLATILE ORGANICS									
Benzene	ND		ug/L	0.50	EPA 524.2		11/10/11 23:18	MES	A
Carbon Tetrachloride	ND		ug/L	0.50	EPA 524.2		11/10/11 23:18	MES	A
Chlorobenzene	ND		ug/L	0.50	EPA 524.2		11/10/11 23:18	MES	A
1,2-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2		11/10/11 23:18	MES	A
1,4-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2		11/10/11 23:18	MES	A
1,2-Dichloroethane	ND		ug/L	0.50	EPA 524.2		11/10/11 23:18	MES	A
1,1-Dichloroethene	ND		ug/L	0.50	EPA 524.2		11/10/11 23:18	MES	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2		11/10/11 23:18	MES	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2		11/10/11 23:18	MES	A
1,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2		11/10/11 23:18	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		11/10/11 23:18	MES	A
Methylene Chloride	ND		ug/L	0.50	EPA 524.2		11/10/11 23:18	MES	A
Styrene	ND		ug/L	0.50	EPA 524.2		11/10/11 23:18	MES	A
Tetrachloroethene	22.2		ug/L	0.50	EPA 524.2		11/10/11 23:18	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		11/10/11 23:18	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		11/10/11 23:18	MES	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	EPA 524.2		11/10/11 23:18	MES	A
1,1,1-Trichloroethane	ND		ug/L	0.50	EPA 524.2		11/10/11 23:18	MES	A
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 524.2		11/10/11 23:18	MES	A
Trichloroethene	0.59		ug/L	0.50	EPA 524.2		11/10/11 23:18	MES	A
Vinyl Chloride	ND		ug/L	0.50	EPA 524.2		11/10/11 23:18	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	112		%	70-130	EPA 524.2		11/10/11 23:18	MES	A
4-Bromofluorobenzene (S)	105		%	70-130	EPA 524.2		11/10/11 23:18	MES	A

Sample Comments:

Anna G Milliken
Technical Manager

ALS Environmental Laboratory Locations Across North America

Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
Vancouver Waterloo · Winnipeg · Yellowknife **United States:** Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York **Mexico:** Monterrey

PRELIMINARY RESULTS

Workorder: 9936214 Regulated VOCs - Special

Lab ID: **9936214003**
Sample ID: **Raw 001 - Well 1**

Date Collected: 11/8/2011 08:40
Date Received: 11/8/2011 09:47

Matrix: Drinking Water

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
VOLATILE ORGANICS									
Benzene	ND		ug/L	0.50	EPA 524.2		11/10/11 23:45	MES	A
Carbon Tetrachloride	ND		ug/L	0.50	EPA 524.2		11/10/11 23:45	MES	A
Chlorobenzene	ND		ug/L	0.50	EPA 524.2		11/10/11 23:45	MES	A
1,2-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2		11/10/11 23:45	MES	A
1,4-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2		11/10/11 23:45	MES	A
1,2-Dichloroethane	ND		ug/L	0.50	EPA 524.2		11/10/11 23:45	MES	A
1,1-Dichloroethene	ND		ug/L	0.50	EPA 524.2		11/10/11 23:45	MES	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2		11/10/11 23:45	MES	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2		11/10/11 23:45	MES	A
1,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2		11/10/11 23:45	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		11/10/11 23:45	MES	A
Methylene Chloride	ND		ug/L	0.50	EPA 524.2		11/10/11 23:45	MES	A
Styrene	ND		ug/L	0.50	EPA 524.2		11/10/11 23:45	MES	A
Tetrachloroethene	ND		ug/L	0.50	EPA 524.2		11/10/11 23:45	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		11/10/11 23:45	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		11/10/11 23:45	MES	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	EPA 524.2		11/10/11 23:45	MES	A
1,1,1-Trichloroethane	ND		ug/L	0.50	EPA 524.2		11/10/11 23:45	MES	A
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 524.2		11/10/11 23:45	MES	A
Trichloroethene	ND		ug/L	0.50	EPA 524.2		11/10/11 23:45	MES	A
Vinyl Chloride	ND		ug/L	0.50	EPA 524.2		11/10/11 23:45	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	107		%	70-130	EPA 524.2		11/10/11 23:45	MES	A
4-Bromofluorobenzene (S)	101		%	70-130	EPA 524.2		11/10/11 23:45	MES	A

Sample Comments:

Anna G Milliken
Technical Manager

ALS Environmental Laboratory Locations Across North America

Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
Vancouver Waterloo · Winnipeg · Yellowknife **United States:** Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York **Mexico:** Monterrey

PRELIMINARY RESULTS

Workorder: 9936214 Regulated VOCs - Special

Lab ID: **9936214004**

Date Collected: 11/8/2011 09:00

Matrix: Drinking Water

Sample ID: **Special Distribution Max**

Date Received: 11/8/2011 09:47

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
VOLATILE ORGANICS									
Benzene	ND		ug/L	0.50	EPA 524.2		11/11/11 00:11	MES	A
Carbon Tetrachloride	ND		ug/L	0.50	EPA 524.2		11/11/11 00:11	MES	A
Chlorobenzene	ND		ug/L	0.50	EPA 524.2		11/11/11 00:11	MES	A
1,2-Dichlorobenzene	ND		ug/L	0.50	EPA 524.2		11/11/11 00:11	MES	A
1,4-Dichlorobenzene	4.4		ug/L	0.50	EPA 524.2		11/11/11 00:11	MES	A
1,2-Dichloroethane	ND		ug/L	0.50	EPA 524.2		11/11/11 00:11	MES	A
1,1-Dichloroethene	ND		ug/L	0.50	EPA 524.2		11/11/11 00:11	MES	A
cis-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2		11/11/11 00:11	MES	A
trans-1,2-Dichloroethene	ND		ug/L	0.50	EPA 524.2		11/11/11 00:11	MES	A
1,2-Dichloropropane	ND		ug/L	0.50	EPA 524.2		11/11/11 00:11	MES	A
Ethylbenzene	ND		ug/L	0.50	EPA 524.2		11/11/11 00:11	MES	A
Methylene Chloride	ND		ug/L	0.50	EPA 524.2		11/11/11 00:11	MES	A
Styrene	ND		ug/L	0.50	EPA 524.2		11/11/11 00:11	MES	A
Tetrachloroethene	17.2		ug/L	0.50	EPA 524.2		11/11/11 00:11	MES	A
Toluene	ND		ug/L	0.50	EPA 524.2		11/11/11 00:11	MES	A
Total Xylenes	ND		ug/L	1.5	EPA 524.2		11/11/11 00:11	MES	A
1,2,4-Trichlorobenzene	ND		ug/L	0.50	EPA 524.2		11/11/11 00:11	MES	A
1,1,1-Trichloroethane	ND		ug/L	0.50	EPA 524.2		11/11/11 00:11	MES	A
1,1,2-Trichloroethane	ND		ug/L	0.50	EPA 524.2		11/11/11 00:11	MES	A
Trichloroethene	0.53		ug/L	0.50	EPA 524.2		11/11/11 00:11	MES	A
Vinyl Chloride	ND		ug/L	0.50	EPA 524.2		11/11/11 00:11	MES	A
<i>Surrogate Recoveries</i>	<i>Results</i>	<i>Flag</i>	<i>Units</i>	<i>Limits</i>	<i>Method</i>	<i>Prepared By</i>	<i>Analyzed</i>	<i>By</i>	<i>Cntr</i>
1,2-Dichlorobenzene-d4 (S)	107		%	70-130	EPA 524.2		11/11/11 00:11	MES	A
4-Bromofluorobenzene (S)	99.3		%	70-130	EPA 524.2		11/11/11 00:11	MES	A

Sample Comments:


Anna G Milliken
Technical Manager

ALS Environmental Laboratory Locations Across North America

Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
Vancouver Waterloo · Winnipeg · Yellowknife **United States:** Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York **Mexico:** Monterrey

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Workorder: 9936214 Regulated VOCs - Special

Lab ID	Sample ID	Prep Batch Method	Prep Batch	Analytical Method	Analytical Batch
9936214001	Special Entry Point 101			EPA 524.2	VOMS/24316
9936214002	Raw 002 - Well 2			EPA 524.2	VOMS/24316
9936214003	Raw 001 - Well 1			EPA 524.2	VOMS/24316
9936214004	Special Distribution Max			EPA 524.2	VOMS/24316

ALS Environmental Laboratory Locations Across North America

Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey

Page 1 of 1

Courier: _____

Tracking #: _____

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

(ALL SHADOWED AREAS MUST BE COMPLETED BY THE CLIENT. SAMPLER INSTRUCTIONS ON THE BACK)

Barcode: * 9 9 3 6 2 1 4 *

Co. Name: West Kennon Truf
Contact (report to): JOHN BRENNER
Address: 322 N. 22ND ST
 Kennon Pa 17046

Phone: 717 274-1598
cell: 717 821-7609

PO#: *Water Dept.*

ALS Quote #: _____
Date Required: 11/15/11
Approved By: *CPK*

Project Name/ID: _____
Normal Standard TAT is 10 business days.
 Rush-Subject to ALS approval and surcharges.

Bill to (if different than Report to): *SAMB*

Sample Description/Location <small>(as it will appear on the job report)</small>	COC Comments	Sample Date	Military Time	Enter Number of Containers Per Analysis
1 101		11/8/11	8:15	
2 Well #2 Raw Sample		11/8/11	8:35	
3 Well #1 Raw Sample		11/8/11	8:40	
4 Distregation Max Sample		11/8/11	9:00	
5				
6 Trip Banks also recd. (8)		11/8/11	0947	
7 K5 11/8/11				
8				

SAMPLED BY (Please Print): *L. S. SHAW*

LOGGED BY (Signature): *L. S. SHAW*

REVIEWED BY (Signature): *[Signature]*

Relinquished By / Company Name	Date	Time	Relinquished By / Company Name	Date	Time
1 West Kennon Truf Josh Shawk	11/8/11	0947	2	11/8/11	0957
3			4		
5			6		
7			8		
9			10		

ANALYSIS METHOD REQUESTED

Requested VOC

ALS FIELD SERVICES

Pickup
 Labor
 Composite Sampling
 Rental Equipment
 Other:

Container Information

Standard
 CLP-Like
 NJ-Reduced
 NJ-F-UI
 Other:

SWA Form # _____

Stars Sampler Collected In?

MD
 NJ
 NY
 PA

DOO Criteria Required? *7380040*

EDOs *K10 11/8/11*

Checklist:

Correct containers? Y
 Correct sample volume? Y
 Correct preservation? Y
 Headspace/Volatiles? Y
 Containers in good condition? Y

ALS Environmental Laboratory Locations Across North America

Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
 Vancouver Waterloo · Winnipeg · Yellowknife United States: Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York Mexico: Monterrey