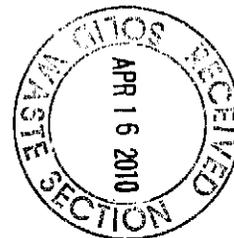


2206 South Main Street
Blacksburg, Virginia 24060
(540) 552-0444 • Fax (540) 552-0291
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April 14, 2010

Mr. and Mrs. Williamson
375 Old Hwy 421 South
Boone, NC 28607

**Re: Private Well Sampling
Closed Watauga County Landfill
Draper Aden Associates Job No. 6520-39**



Dear Mr. and Mrs. Williamson:

Thank you for participating in the private well sampling completed in March 2010 for the closed Watauga County Landfill. Please find enclosed the analytical results obtained from the water sample Draper Aden Associates collected from your non-potable use well on March 18, 2010. The water sample was analyzed for 59 volatile organic constituents via the EPA Drinking Water Analytical Method 524.2.

Two constituents (cis-1,2-dichloroethene and tetrachloroethene) were detected at trace concentrations, estimated at 0.3 µg/l and 0.1 µg/l, respectively, in the sample collected at your residence well. These trace, estimated concentrations are below the EPA MCL drinking water standards for cis-1,2-dichloroethene and tetrachloroethene of 70 µg/l and 5.0 µg/l, respectively, as well as the respective NC groundwater standards of 70 µg/l and 0.7 µg/l.

Draper Aden Associates and Watauga County appreciate your cooperation. Any questions you have may be directed to Mr. Michael Lawless, Groundwater Project Manager, Draper Aden Associates at 540-552-0444. Thank you for your assistance.

Sincerely,
DRAPER ADEN ASSOCIATES



Jeffrey Smith
Project Geologist

Enclosure: Analytical Results

cc: Mr. Ervin Lane, NCDENR (w/ enclosure)
Mr. Lawrence Caviness, NCADHD (w/ enclosure)
Mr. Robert Nelson, Watauga County Manager (w/ enclosure)
Mr. Michael Lawless, C.P.G., Draper Aden Associates



Analysis Report

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Page 1 of 2

Sample Description: RES-16 Grab Water Sample
February 2010 Semiannual Assess. Monitoring Event
Watauga County, NC

LLI Sample # PW 5932649
LLI Group # 1186836
NC

Project Name: Watauga County, NC

Collected: 03/18/2010 10:25 by CB

Account Number: 11200

Submitted: 03/19/2010 09:50
Reported: 03/31/2010 at 12:41
Discard: 05/01/2010

Draper Aden Associates, Inc.
2206 South Main Street
Blacksburg VA 24060

WRE16 SDG#: WAT11-04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	EPA 524.2	ug/l	ug/l	ug/l	
03648	Benzene	71-43-2	N.D.	0.1	0.5	1
03648	Bromobenzene	108-86-1	N.D.	0.1	0.5	1
03648	Bromochloromethane	74-97-5	N.D.	0.1	0.5	1
03648	Bromodichloromethane	75-27-4	N.D.	0.1	0.5	1
03648	Bromoform	75-25-2	N.D.	0.2	0.5	1
03648	Bromomethane	74-83-9	N.D.	0.1	0.5	1
03648	n-Butylbenzene	104-51-8	N.D.	0.2	0.5	1
03648	sec-Butylbenzene	135-98-8	N.D.	0.1	0.5	1
03648	tert-Butylbenzene	98-06-6	N.D.	0.1	0.5	1
03648	Carbon Tetrachloride	56-23-5	N.D.	0.1	0.5	1
03648	Chlorobenzene	108-90-7	N.D.	0.1	0.5	1
03648	Chloroethane	75-00-3	N.D.	0.2	0.5	1
03648	Chloroform	67-66-3	N.D.	0.1	0.5	1
03648	Chloromethane	74-87-3	N.D.	0.2	0.5	1
03648	2-Chlorotoluene	95-49-8	N.D.	0.1	0.5	1
03648	4-Chlorotoluene	106-43-4	N.D.	0.2	0.5	1
03648	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.4	0.5	1
03648	Dibromochloromethane	124-48-1	N.D.	0.1	0.5	1
03648	1,2-Dibromoethane	106-93-4	N.D.	0.1	0.5	1
03648	Dibromomethane	74-95-3	N.D.	0.1	0.5	1
03648	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	0.5	1
03648	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	0.5	1
03648	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	0.5	1
03648	Dichlorodifluoromethane	75-71-8	N.D.	0.2	0.5	1
03648	1,1-Dichloroethane	75-34-3	N.D.	0.1	0.5	1
03648	1,2-Dichloroethane	107-06-2	N.D.	0.1	0.5	1
03648	1,1-Dichloroethene	75-35-4	N.D.	0.1	0.5	1
03648	cis-1,2-Dichloroethene	156-59-2	0.3 J	0.1	0.5	1
03648	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	0.5	1
03648	1,2-Dichloropropane	78-87-5	N.D.	0.1	0.5	1
03648	1,3-Dichloropropane	142-28-9	N.D.	0.1	0.5	1
03648	2,2-Dichloropropane	594-20-7	N.D.	0.2	0.5	1
03648	1,1-Dichloropropene	563-58-6	N.D.	0.1	0.5	1
03648	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	0.5	1
03648	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	0.5	1
03648	Ethylbenzene	100-41-4	N.D.	0.1	0.5	1
03648	Hexachlorobutadiene	87-68-3	N.D.	0.2	0.5	1
03648	Isopropylbenzene	98-82-8	N.D.	0.1	0.5	1
03648	p-Isopropyltoluene	99-87-6	N.D.	0.1	0.5	1
03648	Methylene Chloride	75-09-2	N.D.	0.3	0.5	1
03648	Naphthalene	91-20-3	N.D.	0.2	0.5	1
03648	n-Propylbenzene	103-65-1	N.D.	0.1	0.5	1
03648	Styrene	100-42-5	N.D.	0.1	0.5	1
03648	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	0.5	1
03648	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	0.5	1
03648	Tetrachloroethene	127-18-4	0.1 J	0.1	0.5	1
03648	Toluene	108-88-3	N.D.	0.1	0.5	1
03648	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.2	0.5	1

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 2 of 2

Sample Description: RES-16 Grab Water Sample
February 2010 Semiannual Assess. Monitoring Event
Watauga County, NC

LLI Sample # PW 5932649
LLI Group # 1186836
NC

Project Name: Watauga County, NC

Collected: 03/18/2010 10:25 by CB

Account Number: 11200

Submitted: 03/19/2010 09:50
Reported: 03/31/2010 at 12:41
Discard: 05/01/2010

Draper Aden Associates, Inc.
2206 South Main Street
Blacksburg VA 24060

WRE16 SDG#: WAT11-04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles EPA 524.2			ug/l	ug/l	ug/l	
03648	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.2	0.5	1
03648	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	0.5	1
03648	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	0.5	1
03648	Trichloroethene	79-01-6	N.D.	0.1	0.5	1
03648	Trichlorofluoromethane	75-69-4	N.D.	0.2	0.5	1
03648	1,2,3-Trichloropropane	96-18-4	N.D.	0.2	0.5	1
03648	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	0.5	1
03648	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	0.5	1
03648	Vinyl Chloride	75-01-4	N.D.	0.1	0.5	1
03648	m+p-Xylene	179601-23-1	N.D.	0.2	0.5	1
03648	o-Xylene	95-47-6	N.D.	0.1	0.5	1

General Sample Comments

The laboratory is NC DHHS certified for all SDWA regulated compounds reported (Lab ID 42705). North Carolina Department of Health and Human Services does not offer certification for unregulated compounds.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	EPA 524.2 Master	EPA 524.2	1	G100842AA	03/25/2010 19:09	Jason M Long	1

*=This limit was used in the evaluation of the final result

2206 South Main Street
Blacksburg, Virginia 24060
(540) 552-0444 • Fax (540) 552-0291
www.daa.com

April 14, 2010

Mr. Frank Bolick
180 Ridge Point Dr.
Boone, North Carolina 28607

**Re: Potable Well Sampling
Closed Watauga County Landfill
Draper Aden Associates Job No. 6520-39**

Dear Mr. Bolick:

Thank you for participating in the private well sampling completed in March 2010 for the closed Watauga County Landfill. Please find enclosed the analytical results obtained from the water sample Draper Aden Associates collected from the private well located behind the rental residence at 2347 Hwy 421 South on March 18, 2010. The sample was analyzed for 59 volatile organic constituents via the EPA Drinking Water Analytical Method 524.2.

One organic constituent, 1,1-dichloroethane, was detected at 1.0 µg/l. This concentration is below the NC groundwater standard for 1,1-dichloroethane of 6.0 µg/l.

Draper Aden Associates and Watauga County appreciate your cooperation. Any questions you have may be directed to Mr. Michael Lawless, Groundwater Project Manager, Draper Aden Associates at 540-552-0444. Thank you for your assistance.

Sincerely,
DRAPER ADEN ASSOCIATES



Jeffrey Smith
Project Geologist

Enclosure: Analytical Results

cc: Mr. Ervin Lane, NCDENR (w/ enclosure)
Mr. Lawrence Caviness, NCADHD (w/ enclosure)
Mr. Robert Nelson, Watauga County Manager (w/ enclosure)
Mr. Michael Lawless, C.P.G., Draper Aden Associates



Analysis Report

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Sample Description: RES-2 Grab Water Sample
 February 2010 Semiannual Assess. Monitoring Event
 Watauga County, NC

LLI Sample # PW 5932651
 LLI Group # 1186836
 NC

Project Name: Watauga County, NC

Collected: 03/18/2010 09:30 by CB

Account Number: 11200

Submitted: 03/19/2010 09:50
 Reported: 03/31/2010 at 12:41
 Discard: 05/01/2010

Draper Aden Associates, Inc.
 2206 South Main Street
 Blacksburg VA 24060

WRES2 SDG#: WAT11-06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	EPA 524.2	ug/l	ug/l	ug/l	
03648	Benzene	71-43-2	N.D.	0.1	0.5	1
03648	Bromobenzene	108-86-1	N.D.	0.1	0.5	1
03648	Bromochloromethane	74-97-5	N.D.	0.1	0.5	1
03648	Bromodichloromethane	75-27-4	N.D.	0.1	0.5	1
03648	Bromoform	75-25-2	N.D.	0.2	0.5	1
03648	Bromomethane	74-83-9	N.D.	0.1	0.5	1
03648	n-Butylbenzene	104-51-8	N.D.	0.2	0.5	1
03648	sec-Butylbenzene	135-98-8	N.D.	0.1	0.5	1
03648	tert-Butylbenzene	98-06-6	N.D.	0.1	0.5	1
03648	Carbon Tetrachloride	56-23-5	N.D.	0.1	0.5	1
03648	Chlorobenzene	108-90-7	N.D.	0.1	0.5	1
03648	Chloroethane	75-00-3	N.D.	0.2	0.5	1
03648	Chloroform	67-66-3	N.D.	0.1	0.5	1
03648	Chloromethane	74-87-3	N.D.	0.2	0.5	1
03648	2-Chlorotoluene	95-49-8	N.D.	0.1	0.5	1
03648	4-Chlorotoluene	106-43-4	N.D.	0.2	0.5	1
03648	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.4	0.5	1
03648	Dibromochloromethane	124-48-1	N.D.	0.1	0.5	1
03648	1,2-Dibromoethane	106-93-4	N.D.	0.1	0.5	1
03648	Dibromomethane	74-95-3	N.D.	0.1	0.5	1
03648	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	0.5	1
03648	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	0.5	1
03648	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	0.5	1
03648	Dichlorodifluoromethane	75-71-8	N.D.	0.2	0.5	1
03648	1,1-Dichloroethane	75-34-3	1	0.1	0.5	1
03648	1,2-Dichloroethane	107-06-2	N.D.	0.1	0.5	1
03648	1,1-Dichloroethene	75-35-4	N.D.	0.1	0.5	1
03648	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	0.5	1
03648	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	0.5	1
03648	1,2-Dichloropropane	78-87-5	N.D.	0.1	0.5	1
03648	1,3-Dichloropropane	142-28-9	N.D.	0.1	0.5	1
03648	2,2-Dichloropropane	594-20-7	N.D.	0.2	0.5	1
03648	1,1-Dichloropropene	563-58-6	N.D.	0.1	0.5	1
03648	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	0.5	1
03648	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	0.5	1
03648	Ethylbenzene	100-41-4	N.D.	0.1	0.5	1
03648	Hexachlorobutadiene	87-68-3	N.D.	0.2	0.5	1
03648	Isopropylbenzene	98-82-8	N.D.	0.1	0.5	1
03648	p-Isopropyltoluene	99-87-6	N.D.	0.1	0.5	1
03648	Methylene Chloride	75-09-2	N.D.	0.3	0.5	1
03648	Naphthalene	91-20-3	N.D.	0.2	0.5	1
03648	n-Propylbenzene	103-65-1	N.D.	0.1	0.5	1
03648	Styrene	100-42-5	N.D.	0.1	0.5	1
03648	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	0.5	1
03648	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	0.5	1
03648	Tetrachloroethene	127-18-4	N.D.	0.1	0.5	1
03648	Toluene	108-88-3	N.D.	0.1	0.5	1
03648	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.2	0.5	1

*=This limit was used in the evaluation of the final result



Analysis Report

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Page 2 of 2

Sample Description: RES-2 Grab Water Sample
February 2010 Semiannual Assess. Monitoring Event
Watauga County, NC

LLI Sample # PW 5932651
LLI Group # 1186836
NC

Project Name: Watauga County, NC

Collected: 03/18/2010 09:30 by CB

Account Number: 11200

Submitted: 03/19/2010 09:50

Draper Aden Associates, Inc.

Reported: 03/31/2010 at 12:41

2206 South Main Street

Discard: 05/01/2010

Blacksburg VA 24060

WRES2 SDG#: WAT11-06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles EPA 524.2			ug/l	ug/l	ug/l	
03648	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.2	0.5	1
03648	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	0.5	1
03648	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	0.5	1
03648	Trichloroethene	79-01-6	N.D.	0.1	0.5	1
03648	Trichlorofluoromethane	75-69-4	N.D.	0.2	0.5	1
03648	1,2,3-Trichloropropane	96-18-4	N.D.	0.2	0.5	1
03648	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	0.5	1
03648	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	0.5	1
03648	Vinyl Chloride	75-01-4	N.D.	0.1	0.5	1
03648	m+p-Xylene	179601-23-1	N.D.	0.2	0.5	1
03648	o-Xylene	95-47-6	N.D.	0.1	0.5	1

General Sample Comments

The laboratory is NC DHHS certified for all SDWA regulated compounds reported (Lab ID 42705). North Carolina Department of Health and Human Services does not offer certification for unregulated compounds.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	EPA 524.2 Master	EPA 524.2	1	G100842AA	03/25/2010 20:13	Jason M Long	1

*=This limit was used in the evaluation of the final result



Draper Aden Associates

Engineering • Surveying • Environmental Services

2206 South Main Street
Blacksburg, Virginia 24060
(540) 552-0444 • Fax (540) 552-0291
www.daa.com

April 14, 2010

Mr. Greer
347 Old Hwy 421 South
Boone, North Carolina 28607

**Re: Potable Well Sampling
Closed Watauga County Landfill
Draper Aden Associates Job No. 6520-39**

Dear Mr. Greer:

Thank you for participating in the potable well sampling completed in March 2010 for the closed Watauga County Landfill. Please find enclosed the analytical results obtained from the water sample Draper Aden Associates collected from your well on March 18, 2010. The water sample was analyzed for 59 volatile organic constituents via the EPA Drinking Water Analytical Method 524.2.

One constituent (tetrachloroethene) was detected at a trace concentration, estimated at 0.2 µg/l, in the sample collected at your residential well. This trace, estimated tetrachloroethene concentration is below the EPA MCL drinking water standard of 5.0 µg/l, as well as the North Carolina groundwater standard of 0.7 µg/l.

Draper Aden Associates and Watauga County appreciate your cooperation. Any questions you have may be directed to Mr. Michael Lawless, Groundwater Project Manager, Draper Aden Associates at 540-552-0444. Thank you for your assistance.

Sincerely,
DRAPER ADEN ASSOCIATES

Jeffrey Smith
Project Geologist

Enclosure: Analytical Results

cc: Mr. Ervin Lane, NCDENR (w/ enclosure)
Mr. Lawrence Caviness, NCADHD (w/ enclosure)
Mr. Robert Nelson, Watauga County Manager (w/ enclosure)
Mr. Michael Lawless, C.P.G., Draper Aden Associates



Analysis Report

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Page 1 of 2

Sample Description: RES-15 Grab Water Sample
February 2010 Semiannual Assess. Monitoring Event
Watauga County, NC

LLI Sample # PW 5932648
LLI Group # 1186836
NC

Project Name: Watauga County, NC

Collected: 03/18/2010 10:40 by CB

Account Number: 11200

Submitted: 03/19/2010 09:50
Reported: 03/31/2010 at 12:41
Discard: 05/01/2010

Draper Aden Associates, Inc.
2206 South Main Street
Blacksburg VA 24060

WRE15 SDG#: WAT11-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	EPA 524.2	ug/l	ug/l	ug/l	
03648	Benzene	71-43-2	N.D.	0.1	0.5	1
03648	Bromobenzene	108-86-1	N.D.	0.1	0.5	1
03648	Bromochloromethane	74-97-5	N.D.	0.1	0.5	1
03648	Bromodichloromethane	75-27-4	N.D.	0.1	0.5	1
03648	Bromoform	75-25-2	N.D.	0.2	0.5	1
03648	Bromomethane	74-83-9	N.D.	0.1	0.5	1
03648	n-Butylbenzene	104-51-8	N.D.	0.2	0.5	1
03648	sec-Butylbenzene	135-98-8	N.D.	0.1	0.5	1
03648	tert-Butylbenzene	98-06-6	N.D.	0.1	0.5	1
03648	Carbon Tetrachloride	56-23-5	N.D.	0.1	0.5	1
03648	Chlorobenzene	108-90-7	N.D.	0.1	0.5	1
03648	Chloroethane	75-00-3	N.D.	0.2	0.5	1
03648	Chloroform	67-66-3	N.D.	0.1	0.5	1
03648	Chloromethane	74-87-3	N.D.	0.2	0.5	1
03648	2-Chlorotoluene	95-49-8	N.D.	0.1	0.5	1
03648	4-Chlorotoluene	106-43-4	N.D.	0.2	0.5	1
03648	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.4	0.5	1
03648	Dibromochloromethane	124-48-1	N.D.	0.1	0.5	1
03648	1,2-Dibromoethane	106-93-4	N.D.	0.1	0.5	1
03648	Dibromomethane	74-95-3	N.D.	0.1	0.5	1
03648	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	0.5	1
03648	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	0.5	1
03648	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	0.5	1
03648	Dichlorodifluoromethane	75-71-8	N.D.	0.2	0.5	1
03648	1,1-Dichloroethane	75-34-3	N.D.	0.1	0.5	1
03648	1,2-Dichloroethane	107-06-2	N.D.	0.1	0.5	1
03648	1,1-Dichloroethene	75-35-4	N.D.	0.1	0.5	1
03648	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	0.5	1
03648	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	0.5	1
03648	1,2-Dichloropropane	78-87-5	N.D.	0.1	0.5	1
03648	1,3-Dichloropropane	142-28-9	N.D.	0.1	0.5	1
03648	2,2-Dichloropropane	594-20-7	N.D.	0.2	0.5	1
03648	1,1-Dichloropropene	563-58-6	N.D.	0.1	0.5	1
03648	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	0.5	1
03648	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	0.5	1
03648	Ethylbenzene	100-41-4	N.D.	0.1	0.5	1
03648	Hexachlorobutadiene	87-68-3	N.D.	0.2	0.5	1
03648	Isopropylbenzene	98-82-8	N.D.	0.1	0.5	1
03648	p-Isopropyltoluene	99-87-6	N.D.	0.1	0.5	1
03648	Methylene Chloride	75-09-2	N.D.	0.3	0.5	1
03648	Naphthalene	91-20-3	N.D.	0.2	0.5	1
03648	n-Propylbenzene	103-65-1	N.D.	0.1	0.5	1
03648	Styrene	100-42-5	N.D.	0.1	0.5	1
03648	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	0.5	1
03648	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	0.5	1
03648	Tetrachloroethene	127-18-4	0.2 J	0.1	0.5	1
03648	Toluene	108-88-3	N.D.	0.1	0.5	1
03648	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.2	0.5	1

*=This limit was used in the evaluation of the final result



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: RES-15 Grab Water Sample
February 2010 Semiannual Assess. Monitoring Event
Watauga County, NC

LLI Sample # PW 5932648
LLI Group # 1186836
NC

Project Name: Watauga County, NC

Collected: 03/18/2010 10:40 by CB

Account Number: 11200

Submitted: 03/19/2010 09:50
Reported: 03/31/2010 at 12:41
Discard: 05/01/2010

Draper Aden Associates, Inc.
2206 South Main Street
Blacksburg VA 24060

WRE15 SDG#: WAT11-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles EPA 524.2			ug/l	ug/l	ug/l	
03648	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.2	0.5	1
03648	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	0.5	1
03648	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	0.5	1
03648	Trichloroethene	79-01-6	N.D.	0.1	0.5	1
03648	Trichlorofluoromethane	75-69-4	N.D.	0.2	0.5	1
03648	1,2,3-Trichloropropane	96-18-4	N.D.	0.2	0.5	1
03648	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	0.5	1
03648	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	0.5	1
03648	Vinyl Chloride	75-01-4	N.D.	0.1	0.5	1
03648	m+p-Xylene	179601-23-1	N.D.	0.2	0.5	1
03648	o-Xylene	95-47-6	N.D.	0.1	0.5	1

General Sample Comments

The laboratory is NC DHHS certified for all SDWA regulated compounds reported (Lab ID 42705). North Carolina Department of Health and Human Services does not offer certification for unregulated compounds.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	EPA 524.2 Master	EPA 524.2	1	G100842AA	03/25/2010 18:47	Jason M Long	1

*=This limit was used in the evaluation of the final result



Draper Aden Associates

Engineering • Surveying • Environmental Services

2206 South Main Street
Blacksburg, Virginia 24060
(540) 552-0444 • Fax (540) 552-0291
www.daa.com

April 14, 2010

Mr. Keith Honeycutt
Hollar and Greene Produce
230 Cabbage Row
Boone, North Carolina 28607

**Re: Potable Well Sampling
Closed Watauga County Landfill
Draper Aden Associates Job No. 6520-39**

Dear Mr. Honeycutt:

We wish to thank Hollar and Greene Produce for participating in the potable well sampling completed in March 2010 for the closed Watauga County Landfill. Please find enclosed the analytical results obtained from the water sample Draper Aden Associates collected from the Hollar and Greene Produce well on March 18, 2010. The sample was analyzed for 59 volatile organic constituents via the EPA Drinking Water Analytical Method 524.2.

No organic constituents were detected.

Draper Aden Associates and Watauga County appreciate your cooperation. Any questions you have may be directed to Mr. Michael Lawless, Groundwater Project Manager, Draper Aden Associates at 540-552-0444. Thank you for your assistance.

Sincerely,
DRAPER ADEN ASSOCIATES

Jeffrey Smith
Project Geologist

Enclosure: Analytical Results

cc: Mr. Ervin Lane, NCDENR (w/ enclosure)
Mr. Lawrence Caviness, NCADHD (w/ enclosure)
Mr. Robert Nelson, Watauga County Manager (w/ enclosure)
Mr. Michael Lawless, C.P.G., Draper Aden Associates



Analysis Report

2425 New Holland Pike. PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: H&G Produce Grab Water Sample
February 2010 Semiannual Assess. Monitoring Event
Watauga County, NC

LLI Sample # PW 5932647
LLI Group # 1186836
NC

Project Name: Watauga County, NC

Collected: 03/18/2010 10:10 by CB

Account Number: 11200

Submitted: 03/19/2010 09:50
Reported: 03/31/2010 at 12:41
Discard: 05/01/2010

Draper Aden Associates, Inc.
2206 South Main Street
Blacksburg VA 24060

WHGPR SDG#: WAT11-02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	EPA 524.2	ug/l	ug/l	ug/l	
03648	Benzene	71-43-2	N.D.	0.1	0.5	1
03648	Bromobenzene	108-86-1	N.D.	0.1	0.5	1
03648	Bromochloromethane	74-97-5	N.D.	0.1	0.5	1
03648	Bromodichloromethane	75-27-4	N.D.	0.1	0.5	1
03648	Bromoform	75-25-2	N.D.	0.2	0.5	1
03648	Bromomethane	74-83-9	N.D.	0.1	0.5	1
03648	n-Butylbenzene	104-51-8	N.D.	0.2	0.5	1
03648	sec-Butylbenzene	135-98-8	N.D.	0.1	0.5	1
03648	tert-Butylbenzene	98-06-6	N.D.	0.1	0.5	1
03648	Carbon Tetrachloride	56-23-5	N.D.	0.1	0.5	1
03648	Chlorobenzene	108-90-7	N.D.	0.1	0.5	1
03648	Chloroethane	75-00-3	N.D.	0.2	0.5	1
03648	Chloroform	67-66-3	N.D.	0.1	0.5	1
03648	Chloromethane	74-87-3	N.D.	0.2	0.5	1
03648	2-Chlorotoluene	95-49-8	N.D.	0.1	0.5	1
03648	4-Chlorotoluene	106-43-4	N.D.	0.2	0.5	1
03648	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.4	0.5	1
03648	Dibromochloromethane	124-48-1	N.D.	0.1	0.5	1
03648	1,2-Dibromoethane	106-93-4	N.D.	0.1	0.5	1
03648	Dibromomethane	74-95-3	N.D.	0.1	0.5	1
03648	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	0.5	1
03648	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	0.5	1
03648	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	0.5	1
03648	Dichlorodifluoromethane	75-71-8	N.D.	0.2	0.5	1
03648	1,1-Dichloroethane	75-34-3	N.D.	0.1	0.5	1
03648	1,2-Dichloroethane	107-06-2	N.D.	0.1	0.5	1
03648	1,1-Dichloroethene	75-35-4	N.D.	0.1	0.5	1
03648	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	0.5	1
03648	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	0.5	1
03648	1,2-Dichloropropane	78-87-5	N.D.	0.1	0.5	1
03648	1,3-Dichloropropane	142-28-9	N.D.	0.1	0.5	1
03648	2,2-Dichloropropane	594-20-7	N.D.	0.2	0.5	1
03648	1,1-Dichloropropene	563-58-6	N.D.	0.1	0.5	1
03648	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	0.5	1
03648	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	0.5	1
03648	Ethylbenzene	100-41-4	N.D.	0.1	0.5	1
03648	Hexachlorobutadiene	87-68-3	N.D.	0.2	0.5	1
03648	Isopropylbenzene	98-82-8	N.D.	0.1	0.5	1
03648	p-Isopropyltoluene	99-87-6	N.D.	0.1	0.5	1
03648	Methylene Chloride	75-09-2	N.D.	0.3	0.5	1
03648	Naphthalene	91-20-3	N.D.	0.2	0.5	1
03648	n-Propylbenzene	103-65-1	N.D.	0.1	0.5	1
03648	Styrene	100-42-5	N.D.	0.1	0.5	1
03648	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	0.5	1
03648	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	0.5	1
03648	Tetrachloroethene	127-18-4	N.D.	0.1	0.5	1
03648	Toluene	108-88-3	N.D.	0.1	0.5	1
03648	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.2	0.5	1

*=This limit was used in the evaluation of the final result



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Page 2 of 2

Sample Description: H&G Produce Grab Water Sample
February 2010 Semiannual Assess. Monitoring Event
Watauga County, NC

LLI Sample # PW 5932647
LLI Group # 1186836
NC

Project Name: Watauga County, NC

Collected: 03/18/2010 10:10 by CB

Account Number: 11200

Submitted: 03/19/2010 09:50
Reported: 03/31/2010 at 12:41
Discard: 05/01/2010

Draper Aden Associates, Inc.
2206 South Main Street
Blacksburg VA 24060

WHGPR SDG#: WAT11-02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles EPA 524.2			ug/l	ug/l	ug/l	
03648	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.2	0.5	1
03648	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	0.5	1
03648	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	0.5	1
03648	Trichloroethene	79-01-6	N.D.	0.1	0.5	1
03648	Trichlorofluoromethane	75-69-4	N.D.	0.2	0.5	1
03648	1,2,3-Trichloropropane	96-18-4	N.D.	0.2	0.5	1
03648	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	0.5	1
03648	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	0.5	1
03648	Vinyl Chloride	75-01-4	N.D.	0.1	0.5	1
03648	m+p-Xylene	179601-23-1	N.D.	0.2	0.5	1
03648	o-Xylene	95-47-6	N.D.	0.1	0.5	1

General Sample Comments

The laboratory is NC DHHS certified for all SDWA regulated compounds reported (Lab ID 42705). North Carolina Department of Health and Human Services does not offer certification for unregulated compounds.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	EPA 524.2 Master	EPA 524.2	1	G100842AA	03/25/2010 18:26	Jason M Long	1

*=This limit was used in the evaluation of the final result



Draper Aden Associates

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Blacksburg, Virginia 24060
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www.daa.com

April 14, 2010

Linda Johnson
Trustee of Bolick Estate
156 Sunslope Lane
Boone, North Carolina 28607

**Re: Potable Well Sampling
Closed Watauga County Landfill
Draper Aden Associates Job No. 6520-39**

Dear Mrs. Johnson:

Thank you for participating in the potable well sampling completed in March 2010 for the closed Watauga County Landfill. Please find enclosed the analytical results obtained from the water sample Draper Aden Associates collected from the residential well located at 2239 Hwy 421S on March 18, 2010. The sample was analyzed for 59 volatile organic constituents via the EPA Drinking Water Analytical Method 524.2.

No organic constituents were detected.

Draper Aden Associates and Watauga County appreciate your cooperation. Any questions you have may be directed to Mr. Michael Lawless, Groundwater Project Manager, Draper Aden Associates at 540-552-0444. Thank you for your assistance.

Sincerely,
DRAPER ADEN ASSOCIATES

Jeffrey Smith
Project Geologist

Enclosure: Analytical Results

cc: Mr. Ervin Lane, NCDENR (w/ enclosure)
Mr. Lawrence Caviness, NCADHD (w/ enclosure)
Mr. Robert Nelson, Watauga County Manager (w/ enclosure)
Mr. Michael Lawless, C.P.G., Draper Aden Associates



Analysis Report

2425 New Holland Pike. PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: RES-1 Grab Water Sample
February 2010 Semiannual Assess. Monitoring Event
Watauga County, NC

LLI Sample # PW 5932646
LLI Group # 1186836
NC

Project Name: Watauga County, NC

Collected: 03/18/2010 09:15 by CB

Account Number: 11200

Submitted: 03/19/2010 09:50

Draper Aden Associates, Inc.

Reported: 03/31/2010 at 12:41

2206 South Main Street

Discard: 05/01/2010

Blacksburg VA 24060

WRES1 SDG#: WAT11-01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	EPA 524.2	ug/l	ug/l	ug/l	
03648	Benzene	71-43-2	N.D.	0.1	0.5	1
03648	Bromobenzene	108-86-1	N.D.	0.1	0.5	1
03648	Bromochloromethane	74-97-5	N.D.	0.1	0.5	1
03648	Bromodichloromethane	75-27-4	N.D.	0.1	0.5	1
03648	Bromoform	75-25-2	N.D.	0.2	0.5	1
03648	Bromomethane	74-83-9	N.D.	0.1	0.5	1
03648	n-Butylbenzene	104-51-8	N.D.	0.2	0.5	1
03648	sec-Butylbenzene	135-98-8	N.D.	0.1	0.5	1
03648	tert-Butylbenzene	98-06-6	N.D.	0.1	0.5	1
03648	Carbon Tetrachloride	56-23-5	N.D.	0.1	0.5	1
03648	Chlorobenzene	108-90-7	N.D.	0.1	0.5	1
03648	Chloroethane	75-00-3	N.D.	0.2	0.5	1
03648	Chloroform	67-66-3	N.D.	0.1	0.5	1
03648	Chloromethane	74-87-3	N.D.	0.2	0.5	1
03648	2-Chlorotoluene	95-49-8	N.D.	0.1	0.5	1
03648	4-Chlorotoluene	106-43-4	N.D.	0.2	0.5	1
03648	1,2-Dibromo-3-chloropropane	96-12-8	N.D.	0.4	0.5	1
03648	Dibromochloromethane	124-48-1	N.D.	0.1	0.5	1
03648	1,2-Dibromoethane	106-93-4	N.D.	0.1	0.5	1
03648	Dibromomethane	74-95-3	N.D.	0.1	0.5	1
03648	1,2-Dichlorobenzene	95-50-1	N.D.	0.1	0.5	1
03648	1,3-Dichlorobenzene	541-73-1	N.D.	0.1	0.5	1
03648	1,4-Dichlorobenzene	106-46-7	N.D.	0.1	0.5	1
03648	Dichlorodifluoromethane	75-71-8	N.D.	0.2	0.5	1
03648	1,1-Dichloroethane	75-34-3	N.D.	0.1	0.5	1
03648	1,2-Dichloroethane	107-06-2	N.D.	0.1	0.5	1
03648	1,1-Dichloroethene	75-35-4	N.D.	0.1	0.5	1
03648	cis-1,2-Dichloroethene	156-59-2	N.D.	0.1	0.5	1
03648	trans-1,2-Dichloroethene	156-60-5	N.D.	0.1	0.5	1
03648	1,2-Dichloropropane	78-87-5	N.D.	0.1	0.5	1
03648	1,3-Dichloropropane	142-28-9	N.D.	0.1	0.5	1
03648	2,2-Dichloropropane	594-20-7	N.D.	0.2	0.5	1
03648	1,1-Dichloropropene	563-58-6	N.D.	0.1	0.5	1
03648	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.1	0.5	1
03648	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.1	0.5	1
03648	Ethylbenzene	100-41-4	N.D.	0.1	0.5	1
03648	Hexachlorobutadiene	87-68-3	N.D.	0.2	0.5	1
03648	Isopropylbenzene	98-82-8	N.D.	0.1	0.5	1
03648	p-Isopropyltoluene	99-87-6	N.D.	0.1	0.5	1
03648	Methylene Chloride	75-09-2	N.D.	0.3	0.5	1
03648	Naphthalene	91-20-3	N.D.	0.2	0.5	1
03648	n-Propylbenzene	103-65-1	N.D.	0.1	0.5	1
03648	Styrene	100-42-5	N.D.	0.1	0.5	1
03648	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.1	0.5	1
03648	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.1	0.5	1
03648	Tetrachloroethene	127-18-4	N.D.	0.1	0.5	1
03648	Toluene	108-88-3	N.D.	0.1	0.5	1
03648	1,2,3-Trichlorobenzene	87-61-6	N.D.	0.2	0.5	1

*=This limit was used in the evaluation of the final result



Analysis Report

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Sample Description: RES-1 Grab Water Sample
February 2010 Semiannual Assess. Monitoring Event
Watauga County, NC

LLI Sample # PW 5932646
LLI Group # 1186836
NC

Project Name: Watauga County, NC

Collected: 03/18/2010 09:15 by CB

Account Number: 11200

Submitted: 03/19/2010 09:50
Reported: 03/31/2010 at 12:41
Discard: 05/01/2010

Draper Aden Associates, Inc.
2206 South Main Street
Blacksburg VA 24060

WRES1 SDG#: WAT11-01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles EPA 524.2			ug/l	ug/l	ug/l	
03648	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.2	0.5	1
03648	1,1,1-Trichloroethane	71-55-6	N.D.	0.1	0.5	1
03648	1,1,2-Trichloroethane	79-00-5	N.D.	0.1	0.5	1
03648	Trichloroethene	79-01-6	N.D.	0.1	0.5	1
03648	Trichlorofluoromethane	75-69-4	N.D.	0.2	0.5	1
03648	1,2,3-Trichloropropane	96-18-4	N.D.	0.2	0.5	1
03648	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.1	0.5	1
03648	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.1	0.5	1
03648	Vinyl Chloride	75-01-4	N.D.	0.1	0.5	1
03648	m+p-Xylene	179601-23-1	N.D.	0.2	0.5	1
03648	o-Xylene	95-47-6	N.D.	0.1	0.5	1

General Sample Comments

The laboratory is NC DHHS certified for all SDWA regulated compounds reported (Lab ID 42705). North Carolina Department of Health and Human Services does not offer certification for unregulated compounds.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	EPA 524.2 Master	EPA 524.2	1	G100842AA	03/25/2010 18:04	Jason M Long	1

*=This limit was used in the evaluation of the final result