



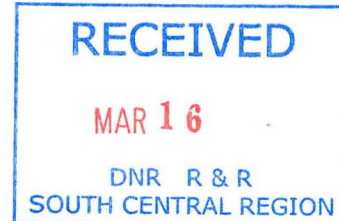
Seymour

Environmental Services, Inc.

Tel: 608-838-9120

Ronald and Sandy Lippitt  
1509 Elm Street  
Boscobel, Wisconsin 53805

RE: Vapor Intrusion Sampling  
Carriage House - 1509 Elm Street  
Former Highway Cleaners  
Boscobel, Wisconsin



Dear Mr. and Mrs. Lippitt:

Thank you for your cooperation with our investigation of the former Highway Cleaners. As you are aware we conducted both subslab sampling and indoor air sampling at your property in February 2015. Vapor samples were analyzed for chlorinated volatile organic compounds, which are the contaminants of concern at dry cleaning facilities.

Data collected in February 2015 is consistent with previously collected information. I have attached a table of our results including the data collected in July 2014. Low levels of tetrachloroethene (PCE) are present in the indoor air. The concentrations are below the established hazard levels for indoor air. However, the contaminant levels were much higher in the samples collected from below the building slab. One of the subslab samples contained PCE in excess of the acceptable level in subslab vapors on both sampling occasions. This sample, SS-1, was collected from the changing room/bathroom in the southeast corner of the building. This is near the sanitary sewer outlet and the presumed location of the former dry cleaning machinery.

Based on the high PCE level in the subslab vapors we believe that the WDNR will require that a sub-slab depressurization system be installed at the building to ensure that hazardous levels of the dry cleaning chemicals do not accumulate inside. If you have any questions please feel free to give Mark Fryman or me a call at (608) 838-9120 anytime. If you want to speak to someone at the WDNR the project manager is Jeff Ackerman (608) 275-3323.

Sincerely,  
Seymour Environmental Services

Robyn Seymour (rseymour@chorus.net)  
Hydrogeologist

cc: Jeff Ackerman, Wisconsin Department of Natural Resources  
Jeff Miesen, Mound City Bank

TABLE 1  
SUMMARY OF VAPOR INTRUSION SAMPLING RESULTS  
Carriage House  
1509 Elm Street - Boscobel, Wisconsin

Location	Sample ID	Tetrachloroethene (ppbv)	Trichloroethene (ppbv)	cis 1,2 dichloroethene (ppbv)	trans 1,2 dichloroethene (ppbv)	Vinyl chloride (ppbv)
Carriage House 1509 Elm Street (July 7, 2014)	SS-1	<b>15000</b>	<130	<130	<130	<130
	SS-2	<b>87</b>	3.1	<2.1	<2.1	<2.1
	Indoor	2.9	0.16	<0.085	<0.085	<0.085
Carriage House 1509 Elm Street (Feb 3, 2015)	SS-1	<b>15000</b>	<260	<260	<260	<260
	SS-2	<b>32</b>	<2.1	<2.1	<2.1	<2.1
	Indoor	1.7	<0.085	<0.085	<0.085	<0.085
Indoor Air Standard (ppbv) non-residential		27	1.6	ne	65	11
Subslab Standard (ppbv) non-residential (Attenuation factor 0.1)		270	16	ne	650	110
- Bold Values exceed indoor air action level - Shaded Values exceed subslab action level						



Wisconsin State Laboratory of Hygiene  
 2601 Agriculture Drive, PO Box 7996  
 Madison, WI 53707-7996  
 (800)442-4618 - FAX (608)224-6213  
 http://www.slh.wisc.edu

# Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790    NELAP LAB ID: E37658    EPA LAB ID: WI00007    WI DATCP ID: 105-415

**WSLH Sample: 178504005**

Report To:  
 SEYMOUR ENV SERVICES  
 2531 DYRESON RD  
 P.O. BOX 398  
 MCFARLAND, WI 53558

Invoice To:  
 SEYMOUR ENV SERVICES  
 2531 DYRESON RD  
 P.O. BOX 398  
 MCFARLAND, WI 53558  
 Customer ID: 13810

Field #: CARRIAGE HOUSE SS-1  
 Project No:  
 Collection End: 2/3/2015 1:52:00 PM  
 Collection Start: 02/03/15 1320  
 Collected By: MDF/MRS  
 Date Received: 2/5/2015  
 Date Reported: 2/17/2015  
 Sample Reason:

ID#:  
 Sample Location:  
 Sample Description:  
 Sample Type: SB-SUB SLAB  
 Waterbody:  
 Point or Outfall:  
 Sample Depth:  
 Program Code:  
 Region Code:  
 County:

## Sample Comments

MOUND CITY BANIZ/ HIGHWAY CLEMENS

## OC-Volatiles

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date 02/11/15      Analysis Date 02/11/15					
Vinyl chloride	EPA TO-15	ND	ppbv	260	840
trans-1,2-Dichloroethene	EPA TO-15	ND	ppbv	260	840
cis-1,2-Dichloroethene	EPA TO-15	ND	ppbv	260	840
Trichloroethene	EPA TO-15	ND	ppbv	260	840
Tetrachloroethene	EPA TO-15	15000	ppbv	260	840

The internal standard QC limit is exceeded.



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## Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790

NELAP LAB ID: E37658

EPA LAB ID: WI00007

WI DATCP ID: 105-415

**WSLH Sample: 178504005**

The water microbiology unit analyzes samples as received and not all samples are tested for preservation before analysis is performed.

List of Abbreviations:

LOD = Level of detection

LOQ = Level of quantification

ND = None detected. Results are less than the LOD

F next to result = Result is between LOD and LOQ

Z next to result = Result is between 0 (zero) and LOD

if LOD=LOQ, Limits were not statistically derived

\*Test results for NELAP accredited tests are certified to meet the requirements of the NELAC standards. For a list of accredited analytes see <http://www.slh.edu/nelap/>

### Responsible Party

Microbiology: Sharon Kluender, Lab Manager, 608-224-6262

Inorganic Chemistry: Tracy Hanke, Lab Manager, 608-224-6270

Metals: DeWayne Kennedy-Parker, Lab Manager, 608-224-6282

Organic Chemistry: David Webb, Lab Manager, 608-224-6200

Emergency Chemical Response: Noel Stanton, Lab Manager, 608-224-6251



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# Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790    NELAP LAB ID: E37658    EPA LAB ID: WI00007    WI DATCP ID: 105-415

**WSLH Sample: 178504006**

Report To:  
 SEYMOUR ENV SERVICES  
 2531 DYRESON RD  
 P.O. BOX 398  
 MCFARLAND, WI 53558

Invoice To:  
 SEYMOUR ENV SERVICES  
 2531 DYRESON RD  
 P.O. BOX 398  
 MCFARLAND, WI 53558  
 Customer ID: 13810

Field #: CARRIAGE HOUSE INDOOR  
 Project No:  
 Collection End: 2/4/2015 3:30:00 PM  
 Collection Start: 02/03/15 1524  
 Collected By: MDF/MRS  
 Date Received: 2/5/2015  
 Date Reported: 2/17/2015  
 Sample Reason:

ID#:  
 Sample Location:  
 Sample Description:  
 Sample Type: AI-INDOOR AIR  
 Waterbody:  
 Point or Outfall:  
 Sample Depth:  
 Program Code:  
 Region Code:  
 County:

## Sample Comments

MOUND CITY BANIZ/ HIGHWAY CLEMENS

## OC-Volatiles

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date 02/10/15    Analysis Date 02/10/15					
Vinyl chloride	EPA TO-15	ND	ppbv	0.085	0.28
trans-1,2-Dichloroethene	EPA TO-15	ND	ppbv	0.085	0.28
cis-1,2-Dichloroethene	EPA TO-15	ND	ppbv	0.085	0.28
Trichloroethene	EPA TO-15	ND	ppbv	0.085	0.28
Tetrachloroethene	EPA TO-15	1.7	ppbv	0.085	0.28

The water microbiology unit analyzes samples as received and not all samples are tested for preservation before analysis is performed.

List of Abbreviations:  
 LOD = Level of detection  
 LOQ = Level of quantification  
 ND = None detected. Results are less than the LOD  
 F next to result = Result is between LOD and LOQ  
 Z next to result = Result is between 0 (zero) and LOD  
 if LOD=LOQ, Limits were not statistically derived

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## Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790

NELAP LAB ID: E37658

EPA LAB ID: WI00007

WI DATCP ID: 105-415

**WSLH Sample: 178504006**

### Responsible Party

Microbiology: Sharon Kluender, Lab Manager, 608-224-6262

Inorganic Chemistry: Tracy Hanke, Lab Manager, 608-224-6270

Metals: DeWayne Kennedy-Parker, Lab Manager, 608-224-6282

Organic Chemistry: David Webb, Lab Manager, 608-224-6200

Emergency Chemical Response: Noel Stanton, Lab Manager, 608-224-6251



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# Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790    NELAP LAB ID: E37658    EPA LAB ID: WI00007    WI DATCP ID: 105-415

**WSLH Sample: 178504007**

Report To:  
 SEYMOUR ENV SERVICES  
 2531 DYRESON RD  
 P.O. BOX 398  
 MCFARLAND, WI 53558

Invoice To:  
 SEYMOUR ENV SERVICES  
 2531 DYRESON RD  
 P.O. BOX 398  
 MCFARLAND, WI 53558  
 Customer ID: 13810

Field #: CARRIAGE HOUSE SS-2  
 Project No:  
 Collection End: 2/3/2015 2:10:00 PM  
 Collection Start: 02/03/15 1336  
 Collected By: MDF/MRS  
 Date Received: 2/5/2015  
 Date Reported: 2/17/2015  
 Sample Reason:

ID#:  
 Sample Location:  
 Sample Description:  
 Sample Type: SB-SUB SLAB  
 Waterbody:  
 Point or Outfall:  
 Sample Depth:  
 Program Code:  
 Region Code:  
 County:

## Sample Comments

MOUND CITY BANIZ/ HIGHWAY CLEMENS

## OC-Volatiles

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date 02/10/15      Analysis Date 02/10/15					
Vinyl chloride	EPA TO-15	ND	ppbv	2.1	7.0
trans-1,2-Dichloroethene	EPA TO-15	ND	ppbv	2.1	7.0
cis-1,2-Dichloroethene	EPA TO-15	ND	ppbv	2.1	7.0
Trichloroethene	EPA TO-15	ND	ppbv	2.1	7.0
Tetrachloroethene	EPA TO-15	32	ppbv	2.1	7.0

The water microbiology unit analyzes samples as received and not all samples are tested for preservation before analysis is performed.

List of Abbreviations:  
 LOD = Level of detection  
 LOQ = Level of quantification  
 ND = None detected. Results are less than the LOD  
 F next to result = Result is between LOD and LOQ  
 Z next to result = Result is between 0 (zero) and LOD  
 if LOD=LOQ, Limits were not statistically derived

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Tel: 608-838-9120

Frederick and Madeline Staskal  
308 Dwight Street  
Boscobel, Wisconsin 53805

RE: Vapor Intrusion Sampling  
308 Dwight Street  
Former Highway Cleaners  
Boscobel, Wisconsin

Dear Mr. Jones:

Thank you for your cooperation with our investigation of the former Highway Cleaners. As you are aware we conducted vapor sampling in the crawl space at your property in February 2015. The sample was collected in the crawl space since your home is constructed with a perimeter frost wall with stick framing and does not have a concrete slab as part of the foundation.

The sample was analyzed for chlorinated volatile organic compounds, which are the primary contaminants of concern at dry cleaning facilities. No analytes were detected in the air in the crawl space. Thus, it appears that significant levels of dry cleaning related chemicals have not migrated beneath your home. I have attached a table of our results along with the established hazard levels for indoor air at residential properties.

The WDNR does not apply any adjustment factor for hazardous vapor migration limitation through a wood floor as you have in your house. Thus, the sample collected in the crawl space is considered to be indoor air. We will be submitting the results of the sampling to the WDNR in early March. At this time we believe that additional assessment of the vapor intrusion potential at your property will not be required.

If you have any questions please feel free to give Mark Fryman or me a call at (608) 838-9120 anytime. If you want to speak to someone at the WDNR the project manager is Jeff Ackerman (608) 275-3323.

Sincerely,  
Seymour Environmental Services

A handwritten signature in cursive script that reads "Robyn Seymour".

Robyn Seymour (rseymour@chorus.net)  
Hydrogeologist

cc: Jeff Ackerman, Wisconsin Department of Natural Resources  
Jeff Miesen, Mound City Bank



TABLE 1  
SUMMARY OF VAPOR INTRUSION SAMPLING RESULTS (Feb. 3, 2015)  
Staskal Property  
308 Dwight Street - Boscobel, Wisconsin

Location	Sample ID	Tetrachloroethene (ppbv)	Trichloroethene (ppbv)	cis 1,2 dichloroethene (ppbv)	trans 1,2 dichloroethene (ppbv)	Vinyl chloride (ppbv)
Staskal 308 Dwight Street	Dwight	<0.085	<0.085	<0.085	<0.085	<0.085
Indoor Air Standard (ppbv) residential property		6.2	0.39	ne	16	0.62
Subslab Standard (ppbv) residential property (Attenuation factor 0.1)		62	3.9	ne	160	6.2
<ul style="list-style-type: none"> <li>- Bold Values exceed indoor air action level</li> <li>- Shaded Values exceed subslab action level</li> </ul>						



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# Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790    NELAP LAB ID: E37658    EPA LAB ID: WI00007    WI DATCP ID: 105-415

**WSLH Sample: 178504004**

Report To:  
 SEYMOUR ENV SERVICES  
 2531 DYRESON RD  
 P.O. BOX 398  
 MCFARLAND, WI 53558

Invoice To:  
 SEYMOUR ENV SERVICES  
 2531 DYRESON RD  
 P.O. BOX 398  
 MCFARLAND, WI 53558  
 Customer ID: 13810

Field #: DWIGHT  
 Project No:  
 Collection End: 2/4/2015 12:58:00 PM  
 Collection Start: 02/03/15 1243  
 Collected By: MDF/MRS  
 Date Received: 2/5/2015  
 Date Reported: 2/17/2015  
 Sample Reason:

ID#:  
 Sample Location:  
 Sample Description:  
 Sample Type: AI-INDOOR AIR  
 Waterbody:  
 Point or Outfall:  
 Sample Depth:  
 Program Code:  
 Region Code:  
 County:

## Sample Comments

MOUND CITY BANIZ/ HIGHWAY CLEMENS

## OC-Volatiles

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date 02/10/15      Analysis Date 02/10/15					
Vinyl chloride	EPA TO-15	ND	ppbv	0.085	0.28
trans-1,2-Dichloroethene	EPA TO-15	ND	ppbv	0.085	0.28
cis-1,2-Dichloroethene	EPA TO-15	ND	ppbv	0.085	0.28
Trichloroethene	EPA TO-15	ND	ppbv	0.085	0.28
Tetrachloroethene	EPA TO-15	ND	ppbv	0.085	0.28

The water microbiology unit analyzes samples as received and not all samples are tested for preservation before analysis is performed.

List of Abbreviations:  
 LOD = Level of detection  
 LOQ = Level of quantification  
 ND = None detected. Results are less than the LOD  
 F next to result = Result is between LOD and LOQ  
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 if LOD=LOQ, Limits were not statistically derived

\*Test results for NELAP accredited tests are certified to meet the requirements of the NELAC standards. For a list of accredited analytes see <http://www.slh.edu/nelap/>



Tel: 608-838-9120

Ryan Jones  
Jones Chevrolet  
2035 Highway 14 East  
Richland Center, Wisconsin 53581

RE: Vapor Intrusion Sampling  
NAPA Auto - 1507 Elm Street  
Former Highway Cleaners  
Boscobel, Wisconsin

Dear Mr. Jones:

Thank you for your cooperation with our investigation of the former Highway Cleaners. As you are aware we conducted subslab and indoor air sampling at your property in February 2015. Vapor samples collected were analyzed for chlorinated volatile organic compounds the primary contaminants of concern at dry cleaning facilities.

Dry cleaning related contaminants were detected in the sub slab vapor sample collected in the utility room, no analytes were detected in the subslab sample collected in the garage area. In the utility room tetrachloroethene (PCE) was present in the subslab vapor sample but the concentration present was below WDNR action levels. Low levels of dry cleaning related chemicals were present in the indoor air samples collected in both July 2014 and February 2015. Indoor air levels present were below WDNR standards. It appears that dry cleaning related chemicals have migrated beneath your building but the levels present do not appear to be a significant vapor intrusion risk. I have attached a table of our results (we also included the results of the air sample collected in July 2014).

We will be submitting the results of the sampling to the WDNR in early March. At this time we are not sure whether additional vapor intrusion potential assessment will be required at your site.

If you have any questions please feel free to give Mark Fryman or me a call at (608) 838-9120 anytime. If you want to speak to someone at the WDNR the project manager is Jeff Ackerman (608) 275-3323.

Sincerely,  
Seymour Environmental Services

Robyn Seymour (rseymour@chorus.net)  
Hydrogeologist

cc: Jeff Ackerman, Wisconsin Department of Natural Resources  
Jeff Miesen, Mound City Bank

TABLE 1  
SUMMARY OF VAPOR INTRUSION SAMPLING RESULTS  
NAPA AUTO  
1507 Elm Street - Boscobel, Wisconsin

Location	Sample ID	Tetrachloroethene (ppbv)	Trichloroethene (ppbv)	cis 1,2 dichloroethene (ppbv)	trans 1,2 dichloroethene (ppbv)	Vinyl chloride (ppbv)
NAPA AUTO 1507 Elm Street	SS-1 (garage area)	<0.085	<0.085	<0.085	<0.085	<0.085
	SS-2 (utility room)	5.1	<0.085	<0.085	<0.085	<0.085
	Indoor (July 7, 2014)	1.8	0.19	0.22	3.0	<0.085
	Indoor (Feb. 3, 2015)	0.49	<0.085	<0.085	0.47	<0.085
Indoor Air Standard (ppbv) non-residential		27	1.6	ne	65	11
Subslab Standard (ppbv) non-residential (Attenuation factor 0.1)		270	16	ne	650	110

- Bold Values exceed indoor air action level  
- Shaded Values exceed subslab action level



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# Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790    NELAP LAB ID: E37658    EPA LAB ID: WI00007    WI DATCP ID: 105-415

**WSLH Sample: 178504001**

Report To:  
 SEYMOUR ENV SERVICES  
 2531 DYRESON RD  
 P.O. BOX 398  
 MCFARLAND, WI 53558

Invoice To:  
 SEYMOUR ENV SERVICES  
 2531 DYRESON RD  
 P.O. BOX 398  
 MCFARLAND, WI 53558  
 Customer ID: 13810

Field #: NAPA SS-1  
 Project No:  
 Collection End: 2/3/2015 12:21:00 PM  
 Collection Start: 02/03/15 11:39  
 Collected By: MDF/MRS  
 Date Received: 2/5/2015  
 Date Reported: 2/17/2015  
 Sample Reason:

ID#:  
 Sample Location:  
 Sample Description:  
 Sample Type: SB-SUB SLAB  
 Waterbody:  
 Point or Outfall:  
 Sample Depth:  
 Program Code:  
 Region Code:  
 County:

## Sample Comments

MOUND CITY BANIZ/ HIGHWAY CLEMENS.

## OC-Volatiles

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date 02/10/15      Analysis Date 02/10/15					
Vinyl chloride	EPA TO-15	ND	ppbv	0.085	0.28
trans-1,2-Dichloroethene	EPA TO-15	ND	ppbv	0.085	0.28
cis-1,2-Dichloroethene	EPA TO-15	ND	ppbv	0.085	0.28
Trichloroethene	EPA TO-15	ND	ppbv	0.085	0.28
Tetrachloroethene	EPA TO-15	ND	ppbv	0.085	0.28

The water microbiology unit analyzes samples as received and not all samples are tested for preservation before analysis is performed.

List of Abbreviations:  
 LOD = Level of detection  
 LOQ = Level of quantification  
 ND = None detected. Results are less than the LOD  
 F next to result = Result is between LOD and LOQ  
 Z next to result = Result is between 0 (zero) and LOD  
 if LOD=LOQ, Limits were not statistically derived

\*Test results for NELAP accredited tests are certified to meet the requirements of the NELAC standards. For a list of accredited analytes see <http://www.slh.edu/nelap/>



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## Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790

NELAP LAB ID: E37658

EPA LAB ID: WI00007

WI DATCP ID: 105-415

**WSLH Sample: 178504001**

### Responsible Party

Microbiology: Sharon Kluender, Lab Manager, 608-224-6262

Inorganic Chemistry: Tracy Hanke, Lab Manager, 608-224-6270

Metals: DeWayne Kennedy-Parker, Lab Manager, 608-224-6282

Organic Chemistry: David Webb, Lab Manager, 608-224-6200

Emergency Chemical Response: Noel Stanton, Lab Manager, 608-224-6251



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# Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790    NELAP LAB ID: E37658    EPA LAB ID: WI00007    WI DATCP ID: 105-415

**WSLH Sample: 178504002**

Report To:  
 SEYMOUR ENV SERVICES  
 2531 DYRESON RD  
 P.O. BOX 398  
 MCFARLAND, WI 53558

Invoice To:  
 SEYMOUR ENV SERVICES  
 2531 DYRESON RD  
 P.O. BOX 398  
 MCFARLAND, WI 53558  
 Customer ID: 13810

Field #: NAPA SS-2  
 Project No:  
 Collection End: 2/3/2015 12:52:00 PM  
 Collection Start: 02/03/15 1211  
 Collected By: MDF/MRS  
 Date Received: 2/5/2015  
 Date Reported: 2/17/2015  
 Sample Reason:

ID#:  
 Sample Location:  
 Sample Description:  
 Sample Type: SB-SUB SLAB  
 Waterbody:  
 Point or Outfall:  
 Sample Depth:  
 Program Code:  
 Region Code:  
 County:

## Sample Comments

MOUND CITY BANIZ/ HIGHWAY CLEMENS.

## OC-Volatiles

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date 02/10/15      Analysis Date 02/10/15					
Vinyl chloride	EPA TO-15	ND	ppbv	0.085	0.28
trans-1,2-Dichloroethene	EPA TO-15	ND	ppbv	0.085	0.28
cis-1,2-Dichloroethene	EPA TO-15	ND	ppbv	0.085	0.28
Trichloroethene	EPA TO-15	ND	ppbv	0.085	0.28
Tetrachloroethene	EPA TO-15	5.1	ppbv	0.085	0.28

The water microbiology unit analyzes samples as received and not all samples are tested for preservation before analysis is performed.

List of Abbreviations:  
 LOD = Level of detection  
 LOQ = Level of quantification  
 ND = None detected. Results are less than the LOD  
 F next to result = Result is between LOD and LOQ  
 Z next to result = Result is between 0 (zero) and LOD  
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## Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790

NELAP LAB ID: E37658

EPA LAB ID: WI00007

WI DATCP ID: 105-415

**WSLH Sample: 178504002**

### Responsible Party

Microbiology: Sharon Kluender, Lab Manager, 608-224-6262

Inorganic Chemistry: Tracy Hanke, Lab Manager, 608-224-6270

Metals: DeWayne Kennedy-Parker, Lab Manager, 608-224-6282

Organic Chemistry: David Webb, Lab Manager, 608-224-6200

Emergency Chemical Response: Noel Stanton, Lab Manager, 608-224-6251





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# Laboratory Report

D.F. Kurtycz, M.D., Medical Director - Charles D. Brokopp, Dr.P.H., Director

Environmental Health Division

WDNR LAB ID: 113133790    NELAP LAB ID: E37658    EPA LAB ID: WI00007    WI DATCP ID: 105-415

## WSLH Sample: 178504003

Report To:  
 SEYMOUR ENV SERVICES  
 2531 DYRESON RD  
 P.O. BOX 398  
 MCFARLAND, WI 53558

Invoice To:  
 SEYMOUR ENV SERVICES  
 2531 DYRESON RD  
 P.O. BOX 398  
 MCFARLAND, WI 53558  
 Customer ID: 13810

Field #: NAPA INDOOR  
 Project No:  
 Collection End: 2/4/2015 12:26:00 PM  
 Collection Start: 02/04/15 1216  
 Collected By: MDF/MRS  
 Date Received: 2/5/2015  
 Date Reported: 2/17/2015  
 Sample Reason:

ID#:  
 Sample Location:  
 Sample Description:  
 Sample Type: AI-INDOOR AIR  
 Waterbody:  
 Point or Outfall:  
 Sample Depth:  
 Program Code:  
 Region Code:  
 County:

## Sample Comments

MOUND CITY BANIZ/ HIGHWAY CLEMENS

## OC-Volatiles

Analyte	Analysis Method	Result	Units	LOD	LOQ
Prep Date 02/10/15    Analysis Date 02/10/15					
Vinyl chloride	EPA TO-15	ND	ppbv	0.085	0.28
trans-1,2-Dichloroethene	EPA TO-15	0.47	ppbv	0.085	0.28
cis-1,2-Dichloroethene	EPA TO-15	ND	ppbv	0.085	0.28
Trichloroethene	EPA TO-15	ND	ppbv	0.085	0.28
Tetrachloroethene	EPA TO-15	0.49	ppbv	0.085	0.28

The water microbiology unit analyzes samples as received and not all samples are tested for preservation before analysis is performed.

### List of Abbreviations:

LOD = Level of detection  
 LOQ = Level of quantification  
 ND = None detected. Results are less than the LOD  
 F next to result = Result is between LOD and LOQ  
 Z next to result = Result is between 0 (zero) and LOD  
 if LOD=LOQ, Limits were not statistically derived

\*Test results for NELAP accredited tests are certified to meet the requirements of the NELAC standards. For a list of accredited analytes see <http://www.slh.edu/nelap/>