VOLATILE ORGANIC CHEMICALS BY EPA METHOD 524.2

Eau Claire City-County Health Department DNR Lab Certification Number 618019820

			OWNER:	NANCY NEFF	CHRIS BERTSCH	DAVID HOVLAND	KAYLA BRIGGS
			SAMPLING DATE (YYMMDD):	180509	180509	180509	180509
			LAB SAMPLE NUMBER:	O-180029	O-180030	O-180031	O-180032
	LOD	LOQ					
CHEMICAL	ug/L	ug/L		ug/L	ug/L	ug/L	ug/L
1,1,1,2-tetrachloroethane	0.14	0.49		ND	ND	ND	ND
1,1,1-trichloroethane	0.4	1.4		ND	ND	ND	ND
1,1,2,2-tetrachloroethane	0.11	0.38		ND	ND	ND	ND
1,1,2-trichloroethane	0.14	0.5		ND	ND	ND	ND
1,1-dichloroethane	0.11	0.38		ND	11	ND	ND
1,1-dichloroethene	0.39	1.3		ND	ND	ND	ND
1,1-dichloropropene	0.39	1.3		ND	ND	ND	ND
1,2,3-trichlorobenzene	0.25	0.87		ND	ND	ND	ND
1,2,3-trichloropropane	0.16	0.54		ND	ND	ND	ND
1,2,4-trichlorobenzene	0.3	1		ND	ND	ND	ND
1,2,4-trimethylbenzene	0.31	1.1		ND	ND	ND	ND
1,2-dibromo-3-chloropropane	0.18	0.61		ND	ND	ND	ND
1,2-dibromoethane	0.18	0.63		ND	ND	ND	ND
1,2-dichlorobenzene	0.23	0.79		ND	ND	ND	ND
1,2-dichloroethane	0.13	0.45		ND	ND	ND	ND
1,2-dichloropropane	0.1	0.69		ND	ND	ND	ND
1,3,5-trimethylbenzene	0.31	1.1		ND	ND	ND	ND
1,3-dichlorobenzene	0.28	0.98		ND	ND	ND	ND
1,3-dichloropropane	0.24	0.82		ND	ND	ND	ND
1,4-dichlorobenzene	0.32	1.1		ND	ND	ND	ND
2,2-dichloropropane	0.29	0.99		ND	ND	ND	ND
2-chlorotoluene	0.34	1.2		ND	ND	ND	ND
4-chlorotoluene	0.32	1.1		ND	ND	ND	ND
benzene	0.16	0.55		ND	ND	ND	ND
bromobenzene	0.25	0.85		ND	ND	ND	ND
bromochloromethane	0.15	0.5		ND	ND	ND	ND
bromodichloromethane	0.12	0.42		ND	ND	ND	ND
bromoform	0.14	0.48		ND	ND	ND	ND
bromomethane	0.13	0.45		ND	ND	ND	ND
carbon tetrachloride	0.31	1.1		ND	ND	ND	ND
chlorobenzene	0.32	1.1		ND	ND	ND	ND
chloroethane	0.15	0.53		ND	ND	ND	ND
chloroform	0.17	0.58		ND	ND	ND	ND
chloromethane	0.11	0.37		ND	ND	ND	ND
cis-1,2-dichloroethene	0.16	0.54		ND	3.2	ND	ND
cis-1,3-dichloropropene	0.3	1.1		ND	ND	ND	ND
dibromochloromethane	0.14	0.47		ND	ND	ND	ND
dibromomethane	0.082	0.28		ND	ND	ND	ND
dichlorodifluoromethane	0.15	0.53		ND	1.4	ND	ND
ethylbenzene	0.32	1.1		ND	ND	ND	ND
hexachlorobutadiene	0.32	1.1		ND	ND	ND	ND
isopropylbenzene	0.31	1.1		ND	ND	ND	ND
m,p-xylene	0.42	1.5		ND	ND	ND	ND
methylene chloride	0.13	0.46		2.9*	1.7*	1.8*	2.0*
naphthalene	0.44	1.5		ND	ND	ND	ND
n-butylbenzene	0.32	1.1		ND	ND	ND	ND
o-xylene	0.32	1.1		ND	ND	ND	ND
para-isopropyltoluene	0.3	1		ND	ND	ND	ND
propylbenzene	0.3	1.1		ND	ND	ND	ND
sec-butylbenzene	0.31	1.1		ND	ND	ND	ND
styrene	0.28	0.97		ND	ND	ND	ND
t-butylbenzene	0.31	1.1		ND	ND	ND	ND
tetrachloroethylene	0.16	0.55		ND	0.16	ND	ND
toluene	0.3	1		ND	ND	ND	ND
trans-1,2-dichloroethene	0.13	0.45		ND	ND	ND	ND
trans-1,3-dichloropropene	0.3	1		ND	ND	ND	ND
trichloroethylene	0.22	0.76		ND	ND	ND	ND
trichlorofluoromethane	0.16	0.57		ND	ND	ND	ND
vinyl chloride	0.11	0.37		ND	ND	ND	ND

ND = Not detected

* Lab Contamination - also detected in laboratory blank

OWNER:			GERALD CANDELL	RICHARD HUSET	RICHARD PUTZIER	ROBERTA BAUER
SAMPLING DATE (YYMMDD):			180510	180510	180510	180510
LAB SAMPLE NUMBER:			O-180033	O-180034	O-180035	O-180036
	LOD	LOQ				
CHEMICAL	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1,2-tetrachloroethane	0.14	0.49	ND	ND	ND	ND
1,1,1-trichloroethane	0.4	1.4	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	0.11	0.38	ND	ND	ND	ND
1,1,2-trichloroethane	0.14	0.5	ND	ND	ND	ND
1,1-dichloroethane	0.11	0.38	ND	0.99	ND	ND
1,1-dichloroethene	0.39	1.3	ND	ND	ND	ND
1,1-dichloropropene	0.39	1.3	ND	ND	ND	ND
1,2,3-trichlorobenzene	0.25	0.87	ND	ND	ND	ND
1,2,3-trichloropropane	0.16	0.54	ND	ND	ND	ND
1,2,4-trichlorobenzene	0.3	1	ND	ND	ND	ND
1,2,4-trimethylbenzene	0.31	1.1	ND	ND	ND	ND
1,2-dibromo-3-chloropropane	0.18	0.61	ND	ND	ND	ND
1,2-dibromoethane	0.18	0.63	ND	ND	ND	ND
1,2-dichlorobenzene	0.23	0.79	ND	ND	ND	ND
1,2-dichloroethane	0.13	0.45	ND	ND	ND	ND
1,2-dichloropropane	0.1	0.69	ND	ND	ND	ND
1,3,5-trimethylbenzene	0.31	1.1	ND	ND	ND	ND
1,3-dichlorobenzene	0.28	0.98	ND	ND	ND	ND
1,3-dichloropropane	0.24	0.82	ND	ND	ND	ND
1,4-dichlorobenzene	0.32	1.1	0.37*	0.36*	0.36*	ND
2,2-dichloropropane	0.29	0.99	ND	ND	ND	ND
2-chlorotoluene	0.34	1.2	ND	ND	ND	ND
4-chlorotoluene	0.32	1.1	ND	ND	ND	ND
benzene	0.16	0.55	ND	ND	ND	ND
bromobenzene	0.25	0.85	ND	ND	ND	ND
bromochloromethane	0.15	0.5	ND	ND	ND	ND
bromodichloromethane	0.12	0.42	ND	ND	ND	ND
bromoform	0.14	0.48	ND	ND	ND	ND
bromomethane	0.13	0.45	ND	ND	ND	ND
carbon tetrachloride	0.31	1.1	ND	ND	ND	ND
chlorobenzene	0.32	1.1	ND	ND	ND	ND
chloroethane	0.15	0.53	ND	ND	ND	ND
chloroform	0.17	0.58	ND	ND	ND	ND
chloromethane	0.11	0.37	ND	ND	ND	ND
cis-1,2-dichloroethene	0.16	0.54	ND	0.44	ND	ND
cis-1,3-dichloropropene	0.3	1.1	ND	ND	ND	ND
dibromochloromethane	0.14	0.47	ND	ND	ND	ND
dibromomethane	0.082	0.28	ND	ND	ND	ND
dichlorodifluoromethane	0.15	0.53	ND	ND	ND	ND
ethylbenzene	0.32	1.1	ND	ND	ND	ND
hexachlorobutadiene	0.32	1.1	ND	ND	ND	ND
isopropylbenzene	0.31	1.1	ND	ND	ND	ND
m,p-xylene	0.42	1.5	ND	ND	ND	ND
methylene chloride	0.13	0.46	3.7*	1.9*	1.5*	2.9*
naphthalene	0.44	1.5	ND	ND	ND	ND
n-butylbenzene	0.32	1.1	ND	ND	ND	ND
o-xylene	0.32	1.1	ND	ND	ND	ND
para-isopropyltoluene	0.3	1	ND	ND	ND	ND
propylbenzene	0.3	1.1	ND	ND	ND	ND
sec-butylbenzene	0.31	1.1	ND	ND	ND	ND
styrene	0.28	0.97	ND	ND	ND	ND
t-butylbenzene	0.31	1.1	ND	ND	ND	ND
tetrachloroethylene	0.16	0.55	ND	ND	ND	ND
toluene	0.3	1	ND	ND	ND	ND
trans-1,2-dichloroethene	0.13	0.45	ND	ND	ND	ND
trans-1,3-dichloropropene	0.3	1	ND	ND	ND	ND
trichloroethylene	0.22	0.76	ND	ND	ND	ND
trichlorofluoromethane	0.16	0.57	ND	ND	ND	ND
vinyl chloride	0.11	0.37	ND	ND	ND	ND

ND = Not detected

* Lab Contamination - also detected in laboratory blank

OWNER:			JEFF GOSS	TRIP BLANK 5/9/18	TRIP BLANK 5/10/18
SAMPLING DATE (YYMMDD):			180510	180509	180510
LAB SAMPLE NUMBER:			O-180037	TB180509	TB180510
	LOD	LOQ			
CHEMICAL	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1,2-tetrachloroethane	0.14	0.49	ND	ND	0
1,1,1-trichloroethane	0.4	1.4	ND	ND	0
1,1,2,2-tetrachloroethane	0.11	0.38	ND	ND	0
1,1,2-trichloroethane	0.14	0.5	ND	ND	0
1,1-dichloroethane	0.11	0.38	ND	ND	0
1,1-dichloroethene	0.39	1.3	ND	ND	0
1,1-dichloropropene	0.39	1.3	ND	ND	0
1,2,3-trichlorobenzene	0.25	0.87	ND	ND	0
1,2,3-trichloropropane	0.16	0.54	ND	ND	0
1,2,4-trichlorobenzene	0.3	1	ND	ND	0
1,2,4-trimethylbenzene	0.31	1.1	ND	ND	0
1,2-dibromo-3-chloropropane	0.18	0.61	ND	ND	0
1,2-dibromoethane	0.18	0.63	ND	ND	0
1,2-dichlorobenzene	0.23	0.79	ND	ND	0
1,2-dichloroethane	0.13	0.45	ND	ND	0
1,2-dichloropropane	0.1	0.69	ND	ND	0
1,3,5-trimethylbenzene	0.31	1.1	ND	ND	0
1,3-dichlorobenzene	0.28	0.98	ND	ND	0
1,3-dichloropropane	0.24	0.82	ND	ND	0
1,4-dichlorobenzene	0.32	1.1	0.36*	ND	0
2,2-dichloropropane	0.29	0.99	ND	ND	0
2-chlorotoluene	0.34	1.2	ND	ND	0
4-chlorotoluene	0.32	1.1	ND	ND	0
benzene	0.16	0.55	ND	ND	0
bromobenzene	0.25	0.85	ND	ND	0
bromochloromethane	0.15	0.5	ND	ND	0
bromodichloromethane	0.12	0.42	ND	ND	0
bromoform	0.14	0.48	ND	ND	0
bromomethane	0.13	0.45	ND	ND	0
carbon tetrachloride	0.31	1.1	ND	ND	0
chlorobenzene	0.32	1.1	ND	ND	0
chloroethane	0.15	0.53	ND	ND	0
chloroform	0.17	0.58	ND	ND	0
chloromethane	0.11	0.37	ND	ND	0
cis-1,2-dichloroethene	0.16	0.54	ND	ND	0
cis-1,3-dichloropropene	0.3	1.1	ND	ND	0
dibromochloromethane	0.14	0.47	ND	ND	0
dibromomethane	0.082	0.28	ND	ND	0
dichlorodifluoromethane	0.15	0.53	ND	ND	0
ethylbenzene	0.32	1.1	ND	ND	0
hexachlorobutadiene	0.32	1.1	ND	ND	0
isopropylbenzene	0.31	1.1	ND	ND	0
m,p-xylene	0.42	1.5	ND	ND	0
methylene chloride	0.13	0.46	2.1*	2.1*	0
naphthalene	0.44	1.5	ND	ND	0
n-butylbenzene	0.32	1.1	ND	ND	0
o-xylene	0.32	1.1	ND	ND	0
para-isopropyltoluene	0.3	1	ND	ND	0
propylbenzene	0.3	1.1	ND	ND	0
sec-butylbenzene	0.31	1.1	ND	ND	0
styrene	0.28	0.97	ND	ND	0
t-butylbenzene	0.31	1.1	ND	ND	0
tetrachloroethylene	0.16	0.55	ND	ND	0
toluene	0.3	1	ND	ND	0
trans-1,2-dichloroethene	0.13	0.45	ND	ND	0
trans-1,3-dichloropropene	0.3	1	ND	ND	0
trichloroethylene	0.22	0.76	ND	ND	0
trichlorofluoromethane	0.16	0.57	ND	ND	0
vinyl chloride	0.11	0.37	ND	ND	0

ND = Not detected

* Lab Contamination - also detected in laboratory blank

Eau Claire City-County
Health Department

720 Second Ave, Eau Claire, WI 54703
www.echealthdepartment.org
P: 715-839-4718
F: 715-839-1674

May 23, 2018

Roberta Bauer
6613 Crescent Ave
Eau Claire WI 54703

Dear Ms. Bauer:

Enclosed are the test results for volatile organic compounds (VOC's) for the water sample collected from your well on May 10th.

The following table summarizes VOCs detected:

Chemical	Result	Health Advisory
methylene chloride	2.9 *	5

* = laboratory contamination

The presence of methylene chloride detected in the analysis is due laboratory contamination. All compounds are present below the health advisory, therefore the water may be used without any restrictions.

If you have any questions regarding your results, please feel free to contact the writer at 839-4734.

Sincerely,

Theodore Johnson
Chemist, Eau Claire City-County Health Department

cc: Gina Keenan, DNR, Eau Claire District Office
Ty Fadness, City of Eau Claire – WWTP
Chuck Ahrens, CRA

Enc

Eau Claire City County
Health Department

720 Second Ave, Eau Claire, WI 54703
www.echealthdepartment.org
P: 715-839-4718
F: 715-839-1674

Sample Results - Volatile Organic Chemicals
BLUE VALLEY RESIDENTIAL WELLS

Analyzed by: Theodore P. Johnson

Owner Name:	ROBERTA BAUER		
Sample Address:	6613 CRESCENT AVE		
Lab Sample Number:	O-180036		
Date Collected:	180510	Mail to Name:	ROBERTA BAUER
Field Number/ID:	TJ-8 PW-17	Mail to Address:	6613 CRESCENT AVE
Date Analyzed	180518	Mail to City, State, Zip:	EAU CLAIRE WI 54703

Chemical	*Result (ppb)*	*Limit of Detection (ppb)*	*Limit of Quantitation (ppb)*	*Health Advisory (ppb)*
1,1,1,2-tetrachloroethane	ND	0.14	0.49	
1,1,1-trichloroethane	ND	0.4	1.4	
1,1,2,2-tetrachloroethane	ND	0.11	0.38	
1,1,2-trichloroethane	ND	0.14	0.5	
1,1-dichloroethane	ND	0.11	0.38	
1,1-dichloroethene	ND	0.39	1.3	
1,1-dichloropropene	ND	0.39	1.3	
1,2,3-trichlorobenzene	ND	0.25	0.87	
1,2,3-trichloropropane	ND	0.16	0.54	
1,2,4-trichlorobenzene	ND	0.3	1	
1,2,4-trimethylbenzene	ND	0.31	1.1	
1,2-dibromo-3-chloropropane	ND	0.18	0.61	
1,2-dibromoethane	ND	0.18	0.63	
1,2-dichlorobenzene	ND	0.23	0.79	
1,2-dichloroethane	ND	0.13	0.45	
1,2-dichloropropane	ND	0.1	0.69	
1,3,5-trimethylbenzene	ND	0.31	1.1	
1,3-dichlorobenzene	ND	0.28	0.98	
1,3-dichloropropane	ND	0.24	0.82	
1,4-dichlorobenzene	ND	0.32	1.1	
2,2-dichloropropane	ND	0.29	0.99	
2-chlorotoluene	ND	0.34	1.2	
4-chlorotoluene	ND	0.32	1.1	
benzene	ND	0.16	0.55	
bromobenzene	ND	0.25	0.85	
bromochloromethane	ND	0.15	0.5	
bromodichloromethane	ND	0.12	0.42	
bromoform	ND	0.14	0.48	
bromomethane	ND	0.13	0.45	

** = Lab Contamination - also detected in laboratory blank*
ND = Not Detected

Owner Name:	ROBERTA BAUER		
Sample Address:	6613 CRESCENT AVE		
Lab Sample Number:	O-180036		
Date Collected:	180510	Mail to Name:	ROBERTA BAUER
Field Number/ID:	TJ-8 PW-17	Mail to Address:	6613 CRESCENT AVE
Date Analyzed	180518	Mail to City, State, Zip:	EAU CLAIRE WI 54703

Chemical	*Result (ppb)*	*Limit of Detection (ppb)*	*Limit of Quantitation (ppb)*	*Health Advisory (ppb)*
carbon tetrachloride	ND	0.31	1.1	
chlorobenzene	ND	0.32	1.1	
chloroethane	ND	0.15	0.53	
chloroform	ND	0.17	0.58	
chloromethane	ND	0.11	0.37	
cis-1,2-dichloroethene	ND	0.16	0.54	
cis-1,3-dichloropropene	ND	0.3	1.1	
dibromochloromethane	ND	0.14	0.47	
dibromomethane	ND	0.082	0.28	
dichlorodifluoromethane	ND	0.15	0.53	
ethylbenzene	ND	0.32	1.1	
hexachlorobutadiene	ND	0.32	1.1	
isopropylbenzene	ND	0.31	1.1	
m,p-xylene	ND	0.42	1.5	
methylene chloride	2.9*	0.13	0.46	5
naphthalene	ND	0.44	1.5	
n-butylbenzene	ND	0.32	1.1	
o-xylene	ND	0.32	1.1	
para-isopropyltoluene	ND	0.3	1	
propylbenzene	ND	0.3	1.1	
sec-butylbenzene	ND	0.31	1.1	
styrene	ND	0.28	0.97	
t-butylbenzene	ND	0.31	1.1	
tetrachloroethylene	ND	0.16	0.55	
toluene	ND	0.3	1	
trans-1,2-dichloroethene	ND	0.13	0.45	
trans-1,3-dichloropropene	ND	0.3	1	
trichloroethylene	ND	0.22	0.76	
trichlorofluoromethane	ND	0.16	0.57	
vinyl chloride	ND	0.11	0.37	

** = Lab Contamination - also detected in laboratory blank*

ND = Not Detected

Eau Claire City-County
Health Department

720 Second Ave, Eau Claire, WI 54703
www.echealthdepartment.org
P: 715-839-4718
F: 715-839-1674

May 23, 2018

Chris Bertsch
7593 Blue Valley Dr
Eau Claire WI 54703

Dear Mr. Bertsch:

Enclosed are the test results for volatile organic compounds (VOC's) for the water sample collected from your well on May 9th.

The following table summarizes VOCs detected:

Chemical	Result	Health Advisory
1,1-dichloroethane	11	850
cis-1,2-dichloroethene	3.2	70
dichlorodifluoromethane	1.4	1000
methylene chloride	1.7*	5
tetrachloroethylene	0.16	5

* = laboratory contamination

The presence of methylene chloride detected in the analysis is due laboratory contamination. All other compounds are present below the health advisory, therefore the water may be used without any restrictions.

If you have any questions regarding your results, please feel free to contact the writer at 839-4734.

Sincerely,

Theodore Johnson
Chemist, Eau Claire City-County Health Department

cc: Gina Keenan, DNR, Eau Claire District Office
Ty Fadness, City of Eau Claire – WWTP
Chuck Ahrens, CRA

Enc

Eau Claire City-County
Health Department

720 Second Ave, Eau Claire, WI 54703
www.echealthdepartment.org
P: 715-839-4718
F: 715-839-1674

Sample Results - Volatile Organic Chemicals
BLUE VALLEY RESIDENTIAL WELLS

Analyzed by: Theodore P. Johnson

Owner Name:	CHRIS BERTSCH		
Sample Address:	7593 BLUE VALLEY DR		
Lab Sample Number:	O-180030		
Date Collected:	180509	Mail to Name:	CHRIS BERTSCH
Field Number/ID:	TJ-2 PW-33	Mail to Address:	7593 BLUE VALLEY DR
Date Analyzed	180516	Mail to City, State, Zip:	EAU CLAIRE WI 54703

Chemical	*Result (ppb)*	*Limit of Detection (ppb)*	*Limit of Quantitation (ppb)*	*Health Advisory (ppb)*
1,1,1,2-tetrachloroethane	ND	0.14	0.49	
1,1,1-trichloroethane	ND	0.4	1.4	
1,1,2,2-tetrachloroethane	ND	0.11	0.38	
1,1,2-trichloroethane	ND	0.14	0.5	
1,1-dichloroethane	11	0.11	0.38	850
1,1-dichloroethene	ND	0.39	1.3	
1,1-dichloropropene	ND	0.39	1.3	
1,2,3-trichlorobenzene	ND	0.25	0.87	
1,2,3-trichloropropane	ND	0.16	0.54	
1,2,4-trichlorobenzene	ND	0.3	1	
1,2,4-trimethylbenzene	ND	0.31	1.1	
1,2-dibromo-3-chloropropane	ND	0.18	0.61	
1,2-dibromoethane	ND	0.18	0.63	
1,2-dichlorobenzene	ND	0.23	0.79	
1,2-dichloroethane	ND	0.13	0.45	
1,2-dichloropropane	ND	0.1	0.69	
1,3,5-trimethylbenzene	ND	0.31	1.1	
1,3-dichlorobenzene	ND	0.28	0.98	
1,3-dichloropropane	ND	0.24	0.82	
1,4-dichlorobenzene	ND	0.32	1.1	
2,2-dichloropropane	ND	0.29	0.99	
2-chlorotoluene	ND	0.34	1.2	
4-chlorotoluene	ND	0.32	1.1	
benzene	ND	0.16	0.55	
bromobenzene	ND	0.25	0.85	
bromochloromethane	ND	0.15	0.5	
bromodichloromethane	ND	0.12	0.42	
bromoform	ND	0.14	0.48	
bromomethane	ND	0.13	0.45	

** = Lab Contamination - also detected in laboratory blank*
ND = Not Detected

Owner Name:	CHRIS BERTSCH		
Sample Address:	7593 BLUE VALLEY DR		
Lab Sample Number:	O-180030		
Date Collected:	180509	Mail to Name:	CHRIS BERTSCH
Field Number/ID:	TJ-2 PW-33	Mail to Address:	7593 BLUE VALLEY DR
Date Analyzed	180516	Mail to City, State, Zip:	EAU CLAIRE WI 54703

Chemical	*Result (ppb)*	*Limit of Detection (ppb)*	*Limit of Quantitation (ppb)*	*Health Advisory (ppb)*
carbon tetrachloride	ND	0.31	1.1	
chlorobenzene	ND	0.32	1.1	
chloroethane	ND	0.15	0.53	
chloroform	ND	0.17	0.58	
chloromethane	ND	0.11	0.37	
cis-1,2-dichloroethene	3.2	0.16	0.54	70
cis-1,3-dichloropropene	ND	0.3	1.1	
dibromochloromethane	ND	0.14	0.47	
dibromomethane	ND	0.082	0.28	
dichlorodifluoromethane	1.4	0.15	0.53	1000
ethylbenzene	ND	0.32	1.1	
hexachlorobutadiene	ND	0.32	1.1	
isopropylbenzene	ND	0.31	1.1	
m,p-xylene	ND	0.42	1.5	
methylene chloride	1.7*	0.13	0.46	5
naphthalene	ND	0.44	1.5	
n-butylbenzene	ND	0.32	1.1	
o-xylene	ND	0.32	1.1	
para-isopropyltoluene	ND	0.3	1	
propylbenzene	ND	0.3	1.1	
sec-butylbenzene	ND	0.31	1.1	
styrene	ND	0.28	0.97	
t-butylbenzene	ND	0.31	1.1	
tetrachloroethylene	0.16	0.16	0.55	5
toluene	ND	0.3	1	
trans-1,2-dichloroethene	ND	0.13	0.45	
trans-1,3-dichloropropene	ND	0.3	1	
trichloroethylene	ND	0.22	0.76	
trichlorofluoromethane	ND	0.16	0.57	
vinyl chloride	ND	0.11	0.37	

** = Lab Contamination - also detected in laboratory blank*

ND = Not Detected

Eau Claire City-County
Health Department

720 Second Ave, Eau Claire, WI 54703
www.echealthdepartment.org
P: 715-839-4718
F: 715-839-1674

May 23, 2018

Kayla Briggs
7590 Crescent Ave
Eau Claire WI 54703

Dear Ms. Briggs:

Enclosed are the test results for volatile organic compounds (VOC's) for the water sample collected from your well on May 9th.

The following table summarizes VOCs detected:

Chemical	Result	Health Advisory
methylene chloride	2.0 *	5

* = laboratory contamination

The presence of methylene chloride detected in the analysis is due laboratory contamination. All compounds are present below the health advisory, therefore the water may be used without any restrictions.

If you have any questions regarding your results, please feel free to contact the writer at 839-4734.

Sincerely,

Theodore R. Johnson

Theodore Johnson
Chemist, Eau Claire City-County Health Department

cc: Gina Keenan, DNR, Eau Claire District Office
Ty Fadness, City of Eau Claire – WWTP
Chuck Ahrens, CRA

Enc

Eau Claire City-County
Health Department

720 Second Ave, Eau Claire, WI 54703
www.echealthdepartment.org
P: 715-839-4718
F: 715-839-1674

Sample Results - Volatile Organic Chemicals
BLUE VALLEY RESIDENTIAL WELLS

Analyzed by: Theodore P. Johnson

Owner Name:	KAYLA BRIGGS		
Sample Address:	7590 CRESCENT AVE		
Lab Sample Number:	O-180032		
Date Collected:	180509	Mail to Name:	KAYLA BRIGGS
Field Number/ID:	TJ-4 PW-13	Mail to Address:	7590 CRESCENT AVE
Date Analyzed	180516	Mail to City, State, Zip:	EAU CLAIRE WI 54703

Chemical	*Result (ppb)*	*Limit of Detection (ppb)*	*Limit of Quantitation (ppb)*	*Health Advisory (ppb)*
1,1,1,2-tetrachloroethane	ND	0.14	0.49	
1,1,1-trichloroethane	ND	0.4	1.4	
1,1,2,2-tetrachloroethane	ND	0.11	0.38	
1,1,2-trichloroethane	ND	0.14	0.5	
1,1-dichloroethane	ND	0.11	0.38	
1,1-dichloroethene	ND	0.39	1.3	
1,1-dichloropropene	ND	0.39	1.3	
1,2,3-trichlorobenzene	ND	0.25	0.87	
1,2,3-trichloropropane	ND	0.16	0.54	
1,2,4-trichlorobenzene	ND	0.3	1	
1,2,4-trimethylbenzene	ND	0.31	1.1	
1,2-dibromo-3-chloropropane	ND	0.18	0.61	
1,2-dibromoethane	ND	0.18	0.63	
1,2-dichlorobenzene	ND	0.23	0.79	
1,2-dichloroethane	ND	0.13	0.45	
1,2-dichloropropane	ND	0.1	0.69	
1,3,5-trimethylbenzene	ND	0.31	1.1	
1,3-dichlorobenzene	ND	0.28	0.98	
1,3-dichloropropane	ND	0.24	0.82	
1,4-dichlorobenzene	ND	0.32	1.1	
2,2-dichloropropane	ND	0.29	0.99	
2-chlorotoluene	ND	0.34	1.2	
4-chlorotoluene	ND	0.32	1.1	
benzene	ND	0.16	0.55	
bromobenzene	ND	0.25	0.85	
bromochloromethane	ND	0.15	0.5	
bromodichloromethane	ND	0.12	0.42	
bromoform	ND	0.14	0.48	
bromomethane	ND	0.13	0.45	

** = Lab Contamination - also detected in laboratory blank*
ND = Not Detected

Owner Name:	KAYLA BRIGGS		
Sample Address:	7590 CRESCENT AVE		
Lab Sample Number:	O-180032		
Date Collected:	180509	Mail to Name:	KAYLA BRIGGS
Field Number/ID:	TJ-4 PW-13	Mail to Address:	7590 CRESCENT AVE
Date Analyzed	180516	Mail to City, State, Zip:	EAU CLAIRE WI 54703

Chemical	*Result (ppb)*	*Limit of Detection (ppb)*	*Limit of Quantitation (ppb)*	*Health Advisory (ppb)*
carbon tetrachloride	ND	0.31	1.1	
chlorobenzene	ND	0.32	1.1	
chloroethane	ND	0.15	0.53	
chloroform	ND	0.17	0.58	
chloromethane	ND	0.11	0.37	
cis-1,2-dichloroethene	ND	0.16	0.54	
cis-1,3-dichloropropene	ND	0.3	1.1	
dibromochloromethane	ND	0.14	0.47	
dibromomethane	ND	0.082	0.28	
dichlorodifluoromethane	ND	0.15	0.53	
ethylbenzene	ND	0.32	1.1	
hexachlorobutadiene	ND	0.32	1.1	
isopropylbenzene	ND	0.31	1.1	
m,p-xylene	ND	0.42	1.5	
methylene chloride	2.0*	0.13	0.46	5
naphthalene	ND	0.44	1.5	
n-butylbenzene	ND	0.32	1.1	
o-xylene	ND	0.32	1.1	
para-isopropyltoluene	ND	0.3	1	
propylbenzene	ND	0.3	1.1	
sec-butylbenzene	ND	0.31	1.1	
styrene	ND	0.28	0.97	
t-butylbenzene	ND	0.31	1.1	
tetrachloroethylene	ND	0.16	0.55	
toluene	ND	0.3	1	
trans-1,2-dichloroethene	ND	0.13	0.45	
trans-1,3-dichloropropene	ND	0.3	1	
trichloroethylene	ND	0.22	0.76	
trichlorofluoromethane	ND	0.16	0.57	
vinyl chloride	ND	0.11	0.37	

** = Lab Contamination - also detected in laboratory blank*

ND = Not Detected

Eau Claire City-County
Health Department

720 Second Ave, Eau Claire, WI 54703
www.echealthdepartment.org
P: 715-839-4718
F: 715-839-1674

May 23, 2018

Gerald Candell
7642 Blue Valley Dr
Eau Claire WI 54703

Dear Mr. Candell:

Enclosed are the test results for volatile organic compounds (VOC's) for the water sample collected from your well on May 10th.

The following table summarizes VOCs detected:

Chemical	Result	Health Advisory
methylene chloride	3.7 *	5
1,4-dichlorobenzene	0.37 *	75

* = laboratory contamination

The presence of methylene chloride and 1,4-dichlorobenzene detected in the analysis are due laboratory contamination. All compounds are present below the health advisory, therefore the water may be used without any restrictions.

If you have any questions regarding your results, please feel free to contact the writer at 839-4734.

Sincerely,

Theodore Johnson
Chemist, Eau Claire City-County Health Department

cc: Gina Keenan, DNR, Eau Claire District Office
Ty Fadness, City of Eau Claire – WWTP
Chuck Ahrens, CRA

Enc

Eau Claire City County
Health Department

720 Second Ave, Eau Claire, WI 54703
www.echealthdepartment.org
P: 715-839-4718
F: 715-839-1674

Sample Results - Volatile Organic Chemicals

BLUE VALLEY RESIDENTIAL WELLS

Analyzed by: Theodore P. Johnson

Owner Name:	GERALD CANDELL		
Sample Address:	7642 BLUE VALLEY DR		
Lab Sample Number:	O-180033		
Date Collected:	180510	Mail to Name:	GERALD CANDELL
Field Number/ID:	TJ-5 PW-11	Mail to Address:	7642 BLUE VALLEY DR
Date Analyzed	180518	Mail to City, State, Zip:	EAU CLAIRE WI 54703

Chemical	*Result (ppb)*	*Limit of Detection (ppb)*	*Limit of Quantitation (ppb)*	*Health Advisory (ppb)*
1,1,1,2-tetrachloroethane	ND	0.14	0.49	
1,1,1-trichloroethane	ND	0.4	1.4	
1,1,2,2-tetrachloroethane	ND	0.11	0.38	
1,1,2-trichloroethane	ND	0.14	0.5	
1,1-dichloroethane	ND	0.11	0.38	
1,1-dichloroethene	ND	0.39	1.3	
1,1-dichloropropene	ND	0.39	1.3	
1,2,3-trichlorobenzene	ND	0.25	0.87	
1,2,3-trichloropropane	ND	0.16	0.54	
1,2,4-trichlorobenzene	ND	0.3	1	
1,2,4-trimethylbenzene	ND	0.31	1.1	
1,2-dibromo-3-chloropropane	ND	0.18	0.61	
1,2-dibromoethane	ND	0.18	0.63	
1,2-dichlorobenzene	ND	0.23	0.79	
1,2-dichloroethane	ND	0.13	0.45	
1,2-dichloropropane	ND	0.1	0.69	
1,3,5-trimethylbenzene	ND	0.31	1.1	
1,3-dichlorobenzene	ND	0.28	0.98	
1,3-dichloropropane	ND	0.24	0.82	
1,4-dichlorobenzene	0.37*	0.32	1.1	75
2,2-dichloropropane	ND	0.29	0.99	
2-chlorotoluene	ND	0.34	1.2	
4-chlorotoluene	ND	0.32	1.1	
benzene	ND	0.16	0.55	
bromobenzene	ND	0.25	0.85	
bromochloromethane	ND	0.15	0.5	
bromodichloromethane	ND	0.12	0.42	
bromoform	ND	0.14	0.48	
bromomethane	ND	0.13	0.45	

** = Lab Contamination - also detected in laboratory blank*

ND = Not Detected

Owner Name:	GERALD CANDELL		
Sample Address:	7642 BLUE VALLEY DR		
Lab Sample Number:	O-180033		
Date Collected:	180510	Mail to Name:	GERALD CANDELL
Field Number/ID:	TJ-5 PW-11	Mail to Address:	7642 BLUE VALLEY DR
Date Analyzed	180518	Mail to City, State, Zip:	EAU CLAIRE WI 54703

Chemical	*Result (ppb)*	*Limit of Detection (ppb)*	*Limit of Quantitation (ppb)*	*Health Advisory (ppb)*
carbon tetrachloride	ND	0.31	1.1	
chlorobenzene	ND	0.32	1.1	
chloroethane	ND	0.15	0.53	
chloroform	ND	0.17	0.58	
chloromethane	ND	0.11	0.37	
cis-1,2-dichloroethene	ND	0.16	0.54	
cis-1,3-dichloropropene	ND	0.3	1.1	
dibromochloromethane	ND	0.14	0.47	
dibromomethane	ND	0.082	0.28	
dichlorodifluoromethane	ND	0.15	0.53	
ethylbenzene	ND	0.32	1.1	
hexachlorobutadiene	ND	0.32	1.1	
isopropylbenzene	ND	0.31	1.1	
m,p-xylene	ND	0.42	1.5	
methylene chloride	3.7*	0.13	0.46	5
naphthalene	ND	0.44	1.5	
n-butylbenzene	ND	0.32	1.1	
o-xylene	ND	0.32	1.1	
para-isopropyltoluene	ND	0.3	1	
propylbenzene	ND	0.3	1.1	
sec-butylbenzene	ND	0.31	1.1	
styrene	ND	0.28	0.97	
t-butylbenzene	ND	0.31	1.1	
tetrachloroethylene	ND	0.16	0.55	
toluene	ND	0.3	1	
trans-1,2-dichloroethene	ND	0.13	0.45	
trans-1,3-dichloropropene	ND	0.3	1	
trichloroethylene	ND	0.22	0.76	
trichlorofluoromethane	ND	0.16	0.57	
vinyl chloride	ND	0.11	0.37	

** = Lab Contamination - also detected in laboratory blank*

ND = Not Detected

Eau Claire City-County
Health Department

720 Second Ave, Eau Claire, WI 54703
www.echealthdepartment.org
P: 715-839-4718
F: 715-839-1674

May 23, 2018

Jeff Goss
6606 Crescent Ave
Eau Claire WI 54703

Dear Mr. Goss:

Enclosed are the test results for volatile organic compounds (VOC's) for the water sample collected from your well on May 10th.

The following table summarizes VOCs detected:

Chemical	Result	Health Advisory
methylene chloride	2.1 *	5
1,4-dichlorobenzene	0.36 *	75

* = laboratory contamination

The presence of methylene chloride and 1,4-dichlorobenzene detected in the analysis are due laboratory contamination. All compounds are present below the health advisory, therefore the water may be used without any restrictions.

If you have any questions regarding your results, please feel free to contact the writer at 839-4734.

Sincerely,

Theodore R Johnson

Theodore Johnson
Chemist, Eau Claire City-County Health Department

cc: Gina Keenan, DNR, Eau Claire District Office
Ty Fadness, City of Eau Claire – WWTP
Chuck Ahrens, CRA

Enc

Eau Claire City County
Health Department

720 Second Ave, Eau Claire, WI 54703
www.echealthdepartment.org
P: 715-839-4718
F: 715-839-1674

Sample Results - Volatile Organic Chemicals

BLUE VALLEY RESIDENTIAL WELLS

Analyzed by: Theodore P. Johnson

Owner Name:	JEFF GOSS		
Sample Address:	6606 CRESCENT AVE		
Lab Sample Number:	O-180037		
Date Collected:	180510	Mail to Name:	JEFF GOSS
Field Number/ID:	TJ-9 PW-15	Mail to Address:	6606 CRESCENT AVE
Date Analyzed	180518	Mail to City, State, Zip:	EAU CLAIRE WI 54703

Chemical	*Result (ppb)*	*Limit of Detection (ppb)*	*Limit of Quantitation (ppb)*	*Health Advisory (ppb)*
1,1,1,2-tetrachloroethane	ND	0.14	0.49	
1,1,1-trichloroethane	ND	0.4	1.4	
1,1,2,2-tetrachloroethane	ND	0.11	0.38	
1,1,2-trichloroethane	ND	0.14	0.5	
1,1-dichloroethane	ND	0.11	0.38	
1,1-dichloroethene	ND	0.39	1.3	
1,1-dichloropropene	ND	0.39	1.3	
1,2,3-trichlorobenzene	ND	0.25	0.87	
1,2,3-trichloropropane	ND	0.16	0.54	
1,2,4-trichlorobenzene	ND	0.3	1	
1,2,4-trimethylbenzene	ND	0.31	1.1	
1,2-dibromo-3-chloropropane	ND	0.18	0.61	
1,2-dibromoethane	ND	0.18	0.63	
1,2-dichlorobenzene	ND	0.23	0.79	
1,2-dichloroethane	ND	0.13	0.45	
1,2-dichloropropane	ND	0.1	0.69	
1,3,5-trimethylbenzene	ND	0.31	1.1	
1,3-dichlorobenzene	ND	0.28	0.98	
1,3-dichloropropane	ND	0.24	0.82	
1,4-dichlorobenzene	0.36*	0.32	1.1	75
2,2-dichloropropane	ND	0.29	0.99	
2-chlorotoluene	ND	0.34	1.2	
4-chlorotoluene	ND	0.32	1.1	
benzene	ND	0.16	0.55	
bromobenzene	ND	0.25	0.85	
bromochloromethane	ND	0.15	0.5	
bromodichloromethane	ND	0.12	0.42	
bromoform	ND	0.14	0.48	
bromomethane	ND	0.13	0.45	

** = Lab Contamination - also detected in laboratory blank*

ND = Not Detected

Owner Name:	JEFF GOSS		
Sample Address:	6606 CRESCENT AVE		
Lab Sample Number:	O-180037		
Date Collected:	180510	Mail to Name:	JEFF GOSS
Field Number/ID:	TJ-9 PW-15	Mail to Address:	6606 CRESCENT AVE
Date Analyzed	180518	Mail to City, State, Zip:	EAU CLAIRE WI 54703

Chemical	*Result (ppb)*	*Limit of Detection (ppb)*	*Limit of Quantitation (ppb)*	*Health Advisory (ppb)*
carbon tetrachloride	ND	0.31	1.1	
chlorobenzene	ND	0.32	1.1	
chloroethane	ND	0.15	0.53	
chloroform	ND	0.17	0.58	
chloromethane	ND	0.11	0.37	
cis-1,2-dichloroethene	ND	0.16	0.54	
cis-1,3-dichloropropene	ND	0.3	1.1	
dibromochloromethane	ND	0.14	0.47	
dibromomethane	ND	0.082	0.28	
dichlorodifluoromethane	ND	0.15	0.53	
ethylbenzene	ND	0.32	1.1	
hexachlorobutadiene	ND	0.32	1.1	
isopropylbenzene	ND	0.31	1.1	
m,p-xylene	ND	0.42	1.5	
methylene chloride	2.1*	0.13	0.46	5
naphthalene	ND	0.44	1.5	
n-butylbenzene	ND	0.32	1.1	
o-xylene	ND	0.32	1.1	
para-isopropyltoluene	ND	0.3	1	
propylbenzene	ND	0.3	1.1	
sec-butylbenzene	ND	0.31	1.1	
styrene	ND	0.28	0.97	
t-butylbenzene	ND	0.31	1.1	
tetrachloroethylene	ND	0.16	0.55	
toluene	ND	0.3	1	
trans-1,2-dichloroethene	ND	0.13	0.45	
trans-1,3-dichloropropene	ND	0.3	1	
trichloroethylene	ND	0.22	0.76	
trichlorofluoromethane	ND	0.16	0.57	
vinyl chloride	ND	0.11	0.37	

** = Lab Contamination - also detected in laboratory blank*

ND = Not Detected

Eau Claire City-County
Health Department

720 Second Ave, Eau Claire, WI 54703
www.echealthdepartment.org
P: 715-839-4718
F: 715-839-1674

May 23, 2018

David Hovland
7811 Blue Valley Dr
Eau Claire WI 54703

Dear Mr. Hovland:

Enclosed are the test results for volatile organic compounds (VOC's) for the water sample collected from your well on May 9th.

The following table summarizes VOCs detected:

Chemical	Result	Health Advisory
methylene chloride	1.8 *	5

* = laboratory contamination

The presence of methylene chloride detected in the analysis is due laboratory contamination. All compounds are present below the health advisory, therefore the water may be used without any restrictions.

If you have any questions regarding your results, please feel free to contact the writer at 839-4734.

Sincerely,

Theodore Johnson
Chemist, Eau Claire City-County Health Department

cc: Gina Keenan, DNR, Eau Claire District Office
Ty Fadness, City of Eau Claire – WWTP
Chuck Ahrens, CRA

Enc

Eau Claire City County
Health Department

720 Second Ave, Eau Claire, WI 54703
www.echealthdepartment.org
P: 715-839-4718
F: 715-839-1674

Sample Results - Volatile Organic Chemicals
BLUE VALLEY RESIDENTIAL WELLS

Analyzed by: Theodore P. Johnson

Owner Name:	DAVID HOVLAND		
Sample Address:	7811 BLUE VALLEY DR		
Lab Sample Number:	O-180031		
Date Collected:	180509	Mail to Name:	DAVID HOVLAND
Field Number/ID:	TJ-3 PW-8	Mail to Address:	7811 BLUE VALLEY DR
Date Analyzed	180516	Mail to City, State, Zip:	EAU CLAIRE WI 54703

Chemical	*Result (ppb)*	*Limit of Detection (ppb)*	*Limit of Quantitation (ppb)*	*Health Advisory (ppb)*
1,1,1,2-tetrachloroethane	ND	0.14	0.49	
1,1,1-trichloroethane	ND	0.4	1.4	
1,1,2,2-tetrachloroethane	ND	0.11	0.38	
1,1,2-trichloroethane	ND	0.14	0.5	
1,1-dichloroethane	ND	0.11	0.38	
1,1-dichloroethene	ND	0.39	1.3	
1,1-dichloropropene	ND	0.39	1.3	
1,2,3-trichlorobenzene	ND	0.25	0.87	
1,2,3-trichloropropane	ND	0.16	0.54	
1,2,4-trichlorobenzene	ND	0.3	1	
1,2,4-trimethylbenzene	ND	0.31	1.1	
1,2-dibromo-3-chloropropane	ND	0.18	0.61	
1,2-dibromoethane	ND	0.18	0.63	
1,2-dichlorobenzene	ND	0.23	0.79	
1,2-dichloroethane	ND	0.13	0.45	
1,2-dichloropropane	ND	0.1	0.69	
1,3,5-trimethylbenzene	ND	0.31	1.1	
1,3-dichlorobenzene	ND	0.28	0.98	
1,3-dichloropropane	ND	0.24	0.82	
1,4-dichlorobenzene	ND	0.32	1.1	
2,2-dichloropropane	ND	0.29	0.99	
2-chlorotoluene	ND	0.34	1.2	
4-chlorotoluene	ND	0.32	1.1	
benzene	ND	0.16	0.55	
bromobenzene	ND	0.25	0.85	
bromochloromethane	ND	0.15	0.5	
bromodichloromethane	ND	0.12	0.42	
bromoform	ND	0.14	0.48	
bromomethane	ND	0.13	0.45	

** = Lab Contamination - also detected in laboratory blank*
ND = Not Detected

Owner Name:	DAVID HOVLAND		
Sample Address:	7811 BLUE VALLEY DR		
Lab Sample Number:	O-180031		
Date Collected:	180509	Mail to Name:	DAVID HOVLAND
Field Number/ID:	TJ-3 PW-8	Mail to Address:	7811 BLUE VALLEY DR
Date Analyzed	180516	Mail to City, State, Zip:	EAU CLAIRE WI 54703

Chemical	*Result (ppb)*	*Limit of Detection (ppb)*	*Limit of Quantitation (ppb)*	*Health Advisory (ppb)*
carbon tetrachloride	ND	0.31	1.1	
chlorobenzene	ND	0.32	1.1	
chloroethane	ND	0.15	0.53	
chloroform	ND	0.17	0.58	
chloromethane	ND	0.11	0.37	
cis-1,2-dichloroethene	ND	0.16	0.54	
cis-1,3-dichloropropene	ND	0.3	1.1	
dibromochloromethane	ND	0.14	0.47	
dibromomethane	ND	0.082	0.28	
dichlorodifluoromethane	ND	0.15	0.53	
ethylbenzene	ND	0.32	1.1	
hexachlorobutadiene	ND	0.32	1.1	
isopropylbenzene	ND	0.31	1.1	
m,p-xylene	ND	0.42	1.5	
methylene chloride	1.8*	0.13	0.46	5
naphthalene	ND	0.44	1.5	
n-butylbenzene	ND	0.32	1.1	
o-xylene	ND	0.32	1.1	
para-isopropyltoluene	ND	0.3	1	
propylbenzene	ND	0.3	1.1	
sec-butylbenzene	ND	0.31	1.1	
styrene	ND	0.28	0.97	
t-butylbenzene	ND	0.31	1.1	
tetrachloroethylene	ND	0.16	0.55	
toluene	ND	0.3	1	
trans-1,2-dichloroethene	ND	0.13	0.45	
trans-1,3-dichloropropene	ND	0.3	1	
trichloroethylene	ND	0.22	0.76	
trichlorofluoromethane	ND	0.16	0.57	
vinyl chloride	ND	0.11	0.37	

** = Lab Contamination - also detected in laboratory blank*

ND = Not Detected

Eau Claire City-County
Health Department

720 Second Ave, Eau Claire, WI 54703
www.echealthdepartment.org
P: 715-839-4718
F: 715-839-1674

May 23, 2018

Richard Huset
7629 Blue Valley Dr
Eau Claire WI 54703

Dear Mr. Huset:

Enclosed are the test results for volatile organic compounds (VOC's) for the water sample collected from your well on May 10th.

The following table summarizes VOCs detected:

Chemical	Result	Health Advisory
1,1-dichloroethane	0.99	850
cis,1,2-dichloroethene	0.44	70
methylene chloride	1.9 *	5
1,4-dichlorobenzene	0.36 *	75

* = laboratory contamination

The presence of methylene chloride and 1,4-dichlorobenzene detected in the analysis are due laboratory contamination. All compounds are present below the health advisory, therefore the water may be used without any restrictions.

If you have any questions regarding your results, please feel free to contact the writer at 839-4734.

Sincerely,

Theodore Johnson
Chemist, Eau Claire City-County Health Department

cc: Gina Keenan, DNR, Eau Claire District Office
Ty Fadness, City of Eau Claire – WWTP
Chuck Ahrens, CRA

Enc

Eau Claire City-County
Health Department

720 Second Ave, Eau Claire, WI 54703
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P: 715-839-4718
F: 715-839-1674

Sample Results - Volatile Organic Chemicals
BLUE VALLEY RESIDENTIAL WELLS

Analyzed by: Theodore P. Johnson

Owner Name:	RICHARD HUSET		
Sample Address:	7629 BLUE VALLEY DR		
Lab Sample Number:	O-180034		
Date Collected:	180510	Mail to Name:	RICHARD HUSET
Field Number/ID:	TJ-6 PW-5	Mail to Address:	7629 BLUE VALLEY DR
Date Analyzed	180518	Mail to City, State, Zip:	EAU CLAIRE WI 54703

Chemical	*Result (ppb)*	*Limit of Detection (ppb)*	*Limit of Quantitation (ppb)*	*Health Advisory (ppb)*
1,1,1,2-tetrachloroethane	ND	0.14	0.49	
1,1,1-trichloroethane	ND	0.4	1.4	
1,1,2,2-tetrachloroethane	ND	0.11	0.38	
1,1,2-trichloroethane	ND	0.14	0.5	
1,1-dichloroethane	0.99	0.11	0.38	850
1,1-dichloroethene	ND	0.39	1.3	
1,1-dichloropropene	ND	0.39	1.3	
1,2,3-trichlorobenzene	ND	0.25	0.87	
1,2,3-trichloropropane	ND	0.16	0.54	
1,2,4-trichlorobenzene	ND	0.3	1	
1,2,4-trimethylbenzene	ND	0.31	1.1	
1,2-dibromo-3-chloropropane	ND	0.18	0.61	
1,2-dibromoethane	ND	0.18	0.63	
1,2-dichlorobenzene	ND	0.23	0.79	
1,2-dichloroethane	ND	0.13	0.45	
1,2-dichloropropane	ND	0.1	0.69	
1,3,5-trimethylbenzene	ND	0.31	1.1	
1,3-dichlorobenzene	ND	0.28	0.98	
1,3-dichloropropane	ND	0.24	0.82	
1,4-dichlorobenzene	0.36*	0.32	1.1	75
2,2-dichloropropane	ND	0.29	0.99	
2-chlorotoluene	ND	0.34	1.2	
4-chlorotoluene	ND	0.32	1.1	
benzene	ND	0.16	0.55	
bromobenzene	ND	0.25	0.85	
bromochloromethane	ND	0.15	0.5	
bromodichloromethane	ND	0.12	0.42	
bromoform	ND	0.14	0.48	
bromomethane	ND	0.13	0.45	

** = Lab Contamination - also detected in laboratory blank*
ND = Not Detected

Owner Name:	RICHARD HUSET		
Sample Address:	7629 BLUE VALLEY DR		
Lab Sample Number:	O-180034		
Date Collected:	180510	Mail to Name:	RICHARD HUSET
Field Number/ID:	TJ-6 PW-5	Mail to Address:	7629 BLUE VALLEY DR
Date Analyzed	180518	Mail to City, State, Zip:	EAU CLAIRE WI 54703

Chemical	*Result (ppb)*	*Limit of Detection (ppb)*	*Limit of Quantitation (ppb)*	*Health Advisory (ppb)*
carbon tetrachloride	ND	0.31	1.1	
chlorobenzene	ND	0.32	1.1	
chloroethane	ND	0.15	0.53	
chloroform	ND	0.17	0.58	
chloromethane	ND	0.11	0.37	
cis-1,2-dichloroethene	0.44	0.16	0.54	70
cis-1,3-dichloropropene	ND	0.3	1.1	
dibromochloromethane	ND	0.14	0.47	
dibromomethane	ND	0.082	0.28	
dichlorodifluoromethane	ND	0.15	0.53	
ethylbenzene	ND	0.32	1.1	
hexachlorobutadiene	ND	0.32	1.1	
isopropylbenzene	ND	0.31	1.1	
m,p-xylene	ND	0.42	1.5	
methylene chloride	1.9*	0.13	0.46	5
naphthalene	ND	0.44	1.5	
n-butylbenzene	ND	0.32	1.1	
o-xylene	ND	0.32	1.1	
para-isopropyltoluene	ND	0.3	1	
propylbenzene	ND	0.3	1.1	
sec-butylbenzene	ND	0.31	1.1	
styrene	ND	0.28	0.97	
t-butylbenzene	ND	0.31	1.1	
tetrachloroethylene	ND	0.16	0.55	
toluene	ND	0.3	1	
trans-1,2-dichloroethene	ND	0.13	0.45	
trans-1,3-dichloropropene	ND	0.3	1	
trichloroethylene	ND	0.22	0.76	
trichlorofluoromethane	ND	0.16	0.57	
vinyl chloride	ND	0.11	0.37	

** = Lab Contamination - also detected in laboratory blank*

ND = Not Detected

Eau Claire City-County
Health Department

720 Second Ave, Eau Claire, WI 54703
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F: 715-839-1674

May 23, 2018

Nancy Neff
7822 Blue Valley Dr
Eau Claire WI 54703

Dear Ms. Neff:

Enclosed are the test results for volatile organic compounds (VOC's) for the water sample collected from your well on May 9th.

The following table summarizes VOCs detected:

Chemical	Result	Health Advisory
methylene chloride	2.9 *	5

* = laboratory contamination

The presence of methylene chloride detected in the analysis is due laboratory contamination. All compounds are present below the health advisory, therefore the water may be used without any restrictions.

If you have any questions regarding your results, please feel free to contact the writer at 839-4734.

Sincerely,

Theodore Johnson
Chemist, Eau Claire City-County Health Department

cc: Gina Keenan, DNR, Eau Claire District Office
Ty Fadness, City of Eau Claire – WWTP
Chuck Ahrens, CRA

Enc

Eau Claire City-County
Health Department

720 Second Ave, Eau Claire, WI 54703
www.echealthdepartment.org
P: 715-839-4718
F: 715-839-1674

Sample Results - Volatile Organic Chemicals
BLUE VALLEY RESIDENTIAL WELLS

Analyzed by: Theodore P. Johnson

Owner Name:	NANCY NEFF		
Sample Address:	7822 BLUE VALLEY DR		
Lab Sample Number:	O-180029		
Date Collected:	180509	Mail to Name:	NANCY NEFF
Field Number/ID:	TJ-1 PW-7	Mail to Address:	7822 BLUE VALLEY DR
Date Analyzed	180516	Mail to City, State, Zip:	EAU CLAIRE WI 54703

Chemical	*Result (ppb)*	*Limit of Detection (ppb)*	*Limit of Quantitation (ppb)*	*Health Advisory (ppb)*
1,1,1,2-tetrachloroethane	ND	0.14	0.49	
1,1,1-trichloroethane	ND	0.4	1.4	
1,1,2,2-tetrachloroethane	ND	0.11	0.38	
1,1,2-trichloroethane	ND	0.14	0.5	
1,1-dichloroethane	ND	0.11	0.38	
1,1-dichloroethene	ND	0.39	1.3	
1,1-dichloropropene	ND	0.39	1.3	
1,2,3-trichlorobenzene	ND	0.25	0.87	
1,2,3-trichloropropane	ND	0.16	0.54	
1,2,4-trichlorobenzene	ND	0.3	1	
1,2,4-trimethylbenzene	ND	0.31	1.1	
1,2-dibromo-3-chloropropane	ND	0.18	0.61	
1,2-dibromoethane	ND	0.18	0.63	
1,2-dichlorobenzene	ND	0.23	0.79	
1,2-dichloroethane	ND	0.13	0.45	
1,2-dichloropropane	ND	0.1	0.69	
1,3,5-trimethylbenzene	ND	0.31	1.1	
1,3-dichlorobenzene	ND	0.28	0.98	
1,3-dichloropropane	ND	0.24	0.82	
1,4-dichlorobenzene	ND	0.32	1.1	
2,2-dichloropropane	ND	0.29	0.99	
2-chlorotoluene	ND	0.34	1.2	
4-chlorotoluene	ND	0.32	1.1	
benzene	ND	0.16	0.55	
bromobenzene	ND	0.25	0.85	
bromochloromethane	ND	0.15	0.5	
bromodichloromethane	ND	0.12	0.42	
bromoform	ND	0.14	0.48	
bromomethane	ND	0.13	0.45	

** = Lab Contamination - also detected in laboratory blank*
ND = Not Detected

Owner Name:	NANCY NEFF		
Sample Address:	7822 BLUE VALLEY DR		
Lab Sample Number:	O-180029		
Date Collected:	180509	Mail to Name:	NANCY NEFF
Field Number/ID:	TJ-1 PW-7	Mail to Address:	7822 BLUE VALLEY DR
Date Analyzed	180516	Mail to City, State, Zip:	EAU CLAIRE WI 54703

Chemical	*Result (ppb)*	*Limit of Detection (ppb)*	*Limit of Quantitation (ppb)*	*Health Advisory (ppb)*
carbon tetrachloride	ND	0.31	1.1	
chlorobenzene	ND	0.32	1.1	
chloroethane	ND	0.15	0.53	
chloroform	ND	0.17	0.58	
chloromethane	ND	0.11	0.37	
cis-1,2-dichloroethene	ND	0.16	0.54	
cis-1,3-dichloropropene	ND	0.3	1.1	
dibromochloromethane	ND	0.14	0.47	
dibromomethane	ND	0.082	0.28	
dichlorodifluoromethane	ND	0.15	0.53	
ethylbenzene	ND	0.32	1.1	
hexachlorobutadiene	ND	0.32	1.1	
isopropylbenzene	ND	0.31	1.1	
m,p-xylene	ND	0.42	1.5	
methylene chloride	2.9*	0.13	0.46	5
naphthalene	ND	0.44	1.5	
n-butylbenzene	ND	0.32	1.1	
o-xylene	ND	0.32	1.1	
para-isopropyltoluene	ND	0.3	1	
propylbenzene	ND	0.3	1.1	
sec-butylbenzene	ND	0.31	1.1	
styrene	ND	0.28	0.97	
t-butylbenzene	ND	0.31	1.1	
tetrachloroethylene	ND	0.16	0.55	
toluene	ND	0.3	1	
trans-1,2-dichloroethene	ND	0.13	0.45	
trans-1,3-dichloropropene	ND	0.3	1	
trichloroethylene	ND	0.22	0.76	
trichlorofluoromethane	ND	0.16	0.57	
vinyl chloride	ND	0.11	0.37	

** = Lab Contamination - also detected in laboratory blank*

ND = Not Detected

Eau Claire City-County
Health Department

720 Second Ave, Eau Claire, WI 54703
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P: 715-839-4718
F: 715-839-1674

May 23, 2018

Richard Putzier
7871 Blue Valley Dr
Eau Claire WI 54703

Dear Mr. Putzier:

Enclosed are the test results for volatile organic compounds (VOC's) for the water sample collected from your well on May 10th.

The following table summarizes VOCs detected:

Chemical	Result	Health Advisory
methylene chloride	1.5 *	5
1,4-dichlorobenzene	0.36 *	75

* = laboratory contamination

The presence of methylene chloride and 1,4-dichlorobenzene detected in the analysis are due laboratory contamination. All compounds are present below the health advisory, therefore the water may be used without any restrictions.

If you have any questions regarding your results, please feel free to contact the writer at 839-4734.

Sincerely,

Theodore R. Johnson

Theodore Johnson
Chemist, Eau Claire City-County Health Department

cc: Gina Keenan, DNR, Eau Claire District Office
Ty Fadness, City of Eau Claire – WWTP
Chuck Ahrens, CRA

Enc

Eau Claire City-County
Health Department

720 Second Ave, Eau Claire, WI 54703
www.echealthdepartment.org
P: 715-839-4718
F: 715-839-1674

Sample Results - Volatile Organic Chemicals
BLUE VALLEY RESIDENTIAL WELLS

Analyzed by: Theodore P. Johnson

Owner Name:	RICHARD PUTZIER		
Sample Address:	7871 BLUE VALLEY DR		
Lab Sample Number:	O-180035		
Date Collected:	180510	Mail to Name:	RICHARD PUTZIER
Field Number/ID:	TJ-7 PW-1	Mail to Address:	7871 BLUE VALLEY DR
Date Analyzed	180518	Mail to City, State, Zip:	EAU CLAIRE WI 54703

Chemical	*Result (ppb)*	*Limit of Detection (ppb)*	*Limit of Quantitation (ppb)*	*Health Advisory (ppb)*
1,1,1,2-tetrachloroethane	ND	0.14	0.49	
1,1,1-trichloroethane	ND	0.4	1.4	
1,1,2,2-tetrachloroethane	ND	0.11	0.38	
1,1,2-trichloroethane	ND	0.14	0.5	
1,1-dichloroethane	ND	0.11	0.38	
1,1-dichloroethene	ND	0.39	1.3	
1,1-dichloropropene	ND	0.39	1.3	
1,2,3-trichlorobenzene	ND	0.25	0.87	
1,2,3-trichloropropane	ND	0.16	0.54	
1,2,4-trichlorobenzene	ND	0.3	1	
1,2,4-trimethylbenzene	ND	0.31	1.1	
1,2-dibromo-3-chloropropane	ND	0.18	0.61	
1,2-dibromoethane	ND	0.18	0.63	
1,2-dichlorobenzene	ND	0.23	0.79	
1,2-dichloroethane	ND	0.13	0.45	
1,2-dichloropropane	ND	0.1	0.69	
1,3,5-trimethylbenzene	ND	0.31	1.1	
1,3-dichlorobenzene	ND	0.28	0.98	
1,3-dichloropropane	ND	0.24	0.82	
1,4-dichlorobenzene	0.36*	0.32	1.1	75
2,2-dichloropropane	ND	0.29	0.99	
2-chlorotoluene	ND	0.34	1.2	
4-chlorotoluene	ND	0.32	1.1	
benzene	ND	0.16	0.55	
bromobenzene	ND	0.25	0.85	
bromochloromethane	ND	0.15	0.5	
bromodichloromethane	ND	0.12	0.42	
bromoform	ND	0.14	0.48	
bromomethane	ND	0.13	0.45	

** = Lab Contamination - also detected in laboratory blank*
ND = Not Detected

Owner Name:	RICHARD PUTZIER		
Sample Address:	7871 BLUE VALLEY DR		
Lab Sample Number:	O-180035		
Date Collected:	180510	Mail to Name:	RICHARD PUTZIER
Field Number/ID:	TJ-7 PW-1	Mail to Address:	7871 BLUE VALLEY DR
Date Analyzed	180518	Mail to City, State, Zip:	EAU CLAIRE WI 54703

Chemical	*Result (ppb)*	*Limit of Detection (ppb)*	*Limit of Quantitation (ppb)*	*Health Advisory (ppb)*
carbon tetrachloride	ND	0.31	1.1	
chlorobenzene	ND	0.32	1.1	
chloroethane	ND	0.15	0.53	
chloroform	ND	0.17	0.58	
chloromethane	ND	0.11	0.37	
cis-1,2-dichloroethene	ND	0.16	0.54	
cis-1,3-dichloropropene	ND	0.3	1.1	
dibromochloromethane	ND	0.14	0.47	
dibromomethane	ND	0.082	0.28	
dichlorodifluoromethane	ND	0.15	0.53	
ethylbenzene	ND	0.32	1.1	
hexachlorobutadiene	ND	0.32	1.1	
isopropylbenzene	ND	0.31	1.1	
m,p-xylene	ND	0.42	1.5	
methylene chloride	1.5*	0.13	0.46	5
naphthalene	ND	0.44	1.5	
n-butylbenzene	ND	0.32	1.1	
o-xylene	ND	0.32	1.1	
para-isopropyltoluene	ND	0.3	1	
propylbenzene	ND	0.3	1.1	
sec-butylbenzene	ND	0.31	1.1	
styrene	ND	0.28	0.97	
t-butylbenzene	ND	0.31	1.1	
tetrachloroethylene	ND	0.16	0.55	
toluene	ND	0.3	1	
trans-1,2-dichloroethene	ND	0.13	0.45	
trans-1,3-dichloropropene	ND	0.3	1	
trichloroethylene	ND	0.22	0.76	
trichlorofluoromethane	ND	0.16	0.57	
vinyl chloride	ND	0.11	0.37	

** = Lab Contamination - also detected in laboratory blank*

ND = Not Detected