VOLATILE ORGANIC CHEMICALS BY EPA METHOD 524.2

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

OWNER:			STEVE HOFFMAN	TENILLE GOSHAW	DALE TICKLER	CHRIS BERTSCH
SAMPLING DATE (YYMMDD):			180220	180220	180220	180220
LAB SAMPLE NUMBER:			O-180002	O-180003	O-180004	O-180005
	LOD	LOQ				
CHEMICAL	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1,2-tetrachloroethane	of dete	quan	ND	ND	ND	ND
1,1,1-trichloroethane	0.14	0.49	ND	ND	ND	1.3
1,1,2,2-tetrachloroethane	0.4	1.4	ND	ND	ND	ND
1,1,2-trichloroethane	0.11	0.38	ND	ND	ND	0.69
1,1-dichloroethane	0.14	0.5	5.8	ND	ND	15
1,1-dichloroethene	0.11	0.38	ND	ND	ND	0.59
1,1-dichloropropene	0.39	1.3	ND	ND	ND	ND
1,2,3-trichlorobenzene	0.39	1.3	ND	ND	ND	ND
1,2,3-trichloropropane	0.25	0.87	ND	ND	ND	ND
1,2,4-trichlorobenzene	0.16	0.54	ND	ND	ND	ND
1,2,4-trimethylbenzene	0.3	1	ND	ND	ND	ND
1,2-dibromo-3-chloropropane	0.31	1.1	ND	ND	ND	ND
1,2-dibromoethane	0.18	0.61	ND	ND	ND	ND
1,2-dichlorobenzene	0.18	0.63	ND	ND	ND	ND
1,2-dichloroethane	0.23	0.79	ND	ND	ND	0.97
1,2-dichloropropane	0.13	0.45	ND	ND	ND	0.26
1,3,5-trimethylbenzene	0.1	0.69	ND	ND	ND	ND
1,3-dichlorobenzene	0.31	1.1	ND	ND	ND	ND
1,3-dichloropropane	0.28	0.98	ND	ND	ND	ND
1,4-dichlorobenzene	0.24	0.82	ND	ND	ND	ND
2,2-dichloropropane	0.32	1.1	ND	ND	ND	ND
2-chlorotoluene	0.29	0.99	ND	ND	ND	ND
4-chlorotoluene	0.34	1.2	ND	ND	ND	ND
benzene	0.32	1.1	ND	ND	ND	ND
bromobenzene	0.16	0.55	ND	ND	ND	ND
bromochloromethane	0.25	0.85	ND	ND	ND	ND
bromodichloromethane	0.15	0.5	ND	ND	ND	ND
bromoform	0.12	0.42	ND	ND	ND	ND
bromomethane	0.14	0.48	ND	ND	ND	ND
carbon tetrachloride	0.13	0.45	ND	ND	ND	ND
chlorobenzene	0.31	1.1	ND	ND	ND	ND
chloroethane	0.32	1.1	ND	ND	ND	ND
chloroform	0.15	0.53	ND	ND	ND	ND
chloromethane	0.17	0.58	ND	ND	ND	ND
cis-1,2-dichloroethene	0.11	0.37	2.3	ND	ND	7.1
cis-1,3-dichloropropene	0.16	0.54	ND	ND	ND	ND
dibromochloromethane	0.3	1.1	ND	ND	ND	ND
dibromomethane	0.14	0.47	ND	ND	ND	ND
dichlorodifluoromethane	0.082	0.28	0.17	ND	ND	1.6
ethylbenzene	0.15	0.53	ND	ND	ND	ND
hexachlorobutadiene	0.32	1.1	ND	ND	ND	ND
isopropylbenzene	0.32	1.1	ND	ND	ND	ND
m,p-xylene	0.31	1.1	0.57	ND	ND	ND
methylene chloride	0.42	1.5	2.0 *	3.8 *	3.4 *	4.5 *
naphthalene	0.13	0.46	ND	ND	ND	ND
n-butylbenzene	0.44	1.5	ND	ND	ND	ND
o-xylene	0.32	1.1	ND	ND	ND	ND
para-isopropyltoluene	0.32	1.1	ND	ND	ND	ND
propylbenzene	0.3	1	ND	ND	ND	ND
sec-butylbenzene	0.3	1.1	ND	ND	ND	ND
styrene	0.31	1.1	0.36	ND	ND	ND
t-butylbenzene	0.28	0.97	ND	ND	ND	ND
tetrachloroethylene	0.31	1.1	0.33	ND	ND	1.2
toluene	0.16	0.55	ND	ND	ND	ND
trans-1,2-dichloroethene	0.3	1	ND	ND	ND	ND
trans-1,3-dichloropropene	0.13	0.45	ND	ND	ND	ND
trichloroethylene	0.3	1	ND	ND	ND	0.62
trichlorofluoromethane	0.22	0.76	ND	ND	ND	ND
vinyl chloride	0.16	0.57	ND	ND	ND	ND

ND = Not detected

* Lab Contamination - also detected in laboratory blank

OWNER:			JEFF REITZ	RANDY PEIFFER	JEFF FREEZY	GERALD CANDELL
SAMPLING DATE (YYMMDD):			180220	180220	180220	180220
LAB SAMPLE NUMBER:			O-180006	O-180007	O-180008	O-180009
	LOD	LOQ				
CHEMICAL	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1,2-tetrachloroethane	of dete	quan	ND	ND	ND	ND
1,1,1-trichloroethane	0.14	0.49	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	0.4	1.4	ND	ND	ND	ND
1,1,2-trichloroethane	0.11	0.38	ND	ND	ND	ND
1,1-dichloroethane	0.14	0.5	ND	ND	ND	ND
1,1-dichloroethene	0.11	0.38	ND	ND	ND	ND
1,1-dichloropropene	0.39	1.3	ND	ND	ND	ND
1,2,3-trichlorobenzene	0.39	1.3	ND	ND	ND	ND
1,2,3-trichloropropane	0.25	0.87	ND	ND	ND	ND
1,2,4-trichlorobenzene	0.16	0.54	ND	ND	ND	ND
1,2,4-trimethylbenzene	0.3	1	ND	ND	ND	ND
1,2-dibromo-3-chloropropane	0.31	1.1	ND	ND	ND	ND
1,2-dibromoethane	0.18	0.61	ND	ND	ND	ND
1,2-dichlorobenzene	0.18	0.63	ND	ND	ND	ND
1,2-dichloroethane	0.23	0.79	ND	ND	ND	ND
1,2-dichloropropane	0.13	0.45	ND	ND	ND	ND
1,3,5-trimethylbenzene	0.1	0.69	ND	ND	ND	ND
1,3-dichlorobenzene	0.31	1.1	ND	ND	ND	ND
1,3-dichloropropane	0.28	0.98	ND	ND	ND	ND
1,4-dichlorobenzene	0.24	0.82	ND	ND	ND	ND
2,2-dichloropropane	0.32	1.1	ND	ND	ND	ND
2-chlorotoluene	0.29	0.99	ND	ND	ND	ND
4-chlorotoluene	0.34	1.2	ND	ND	ND	ND
benzene	0.32	1.1	ND	ND	ND	ND
bromobenzene	0.16	0.55	ND	ND	ND	ND
bromochloromethane	0.25	0.85	ND	ND	ND	ND
bromodichloromethane	0.15	0.5	ND	ND	ND	ND
bromoform	0.12	0.42	ND	ND	ND	ND
bromomethane	0.14	0.48	ND	ND	ND	ND
carbon tetrachloride	0.13	0.45	ND	ND	ND	ND
chlorobenzene	0.31	1.1	ND	ND	ND	ND
chloroethane	0.32	1.1	ND	ND	ND	ND
chloroform	0.15	0.53	ND	ND	ND	ND
chloromethane	0.17	0.58	ND	ND	ND	ND
cis-1,2-dichloroethene	0.11	0.37	ND	ND	ND	ND
cis-1,3-dichloropropene	0.16	0.54	ND	ND	ND	ND
dibromochloromethane	0.3	1.1	ND	ND	ND	ND
dibromomethane	0.14	0.47	ND	ND	ND	ND
dichlorodifluoromethane	0.082	0.28	ND	ND	ND	ND
ethylbenzene	0.15	0.53	ND	ND	ND	ND
hexachlorobutadiene	0.32	1.1	ND	ND	ND	ND
isopropylbenzene	0.32	1.1	ND	ND	ND	ND
m,p-xylene	0.31	1.1	ND	ND	ND	ND
methylene chloride	0.42	1.5	2.6 *	1.7 *	1.3 *	10 *
naphthalene	0.13	0.46	ND	ND	ND	ND
n-butylbenzene	0.44	1.5	ND	ND	ND	ND
o-xylene	0.32	1.1	ND	ND	ND	ND
para-isopropyltoluene	0.32	1.1	ND	ND	ND	ND
propylbenzene	0.3	1	ND	ND	ND	ND
sec-butylbenzene	0.3	1.1	ND	ND	ND	ND
styrene	0.31	1.1	ND	ND	ND	ND
t-butylbenzene	0.28	0.97	ND	ND	ND	ND
tetrachloroethylene	0.31	1.1	ND	ND	ND	ND
toluene	0.16	0.55	ND	ND	ND	ND
trans-1,2-dichloroethene	0.3	1	ND	ND	ND	ND
trans-1,3-dichloropropene	0.13	0.45	ND	ND	ND	ND
trichloroethylene	0.3	1	ND	ND	ND	ND
trichlorofluoromethane	0.22	0.76	ND	ND	ND	ND
vinyl chloride	0.16	0.57	ND	ND	ND	ND

ND = Not detected

* Lab Contamination - also detected in laboratory blank

OWNER:			ROBERTA BAUER	STEVE HOFFMAN
SAMPLING DATE (YYMMDD):			180220	180220
LAB SAMPLE NUMBER:			O-180010	O-180011
	LOD	LOQ		
CHEMICAL	ug/L	ug/L	ug/L	ug/L
1,1,1,2-tetrachloroethane	of dete	quan	ND	ND
1,1,1-trichloroethane	0.14	0.49	ND	ND
1,1,2,2-tetrachloroethane	0.4	1.4	ND	ND
1,1,2-trichloroethane	0.11	0.38	ND	ND
1,1-dichloroethane	0.14	0.5	ND	ND
1,1-dichloroethene	0.11	0.38	ND	ND
1,1-dichloropropene	0.39	1.3	ND	ND
1,2,3-trichlorobenzene	0.39	1.3	ND	ND
1,2,3-trichloropropane	0.25	0.87	ND	ND
1,2,4-trichlorobenzene	0.16	0.54	ND	ND
1,2,4-trimethylbenzene	0.3	1	ND	ND
1,2-dibromo-3-chloropropane	0.31	1.1	ND	ND
1,2-dibromoethane	0.18	0.61	ND	ND
1,2-dichlorobenzene	0.18	0.63	ND	ND
1,2-dichloroethane	0.23	0.79	ND	ND
1,2-dichloropropane	0.13	0.45	ND	ND
1,3,5-trimethylbenzene	0.1	0.69	ND	ND
1,3-dichlorobenzene	0.31	1.1	ND	ND
1,3-dichloropropane	0.28	0.98	ND	ND
1,4-dichlorobenzene	0.24	0.82	ND	ND
2,2-dichloropropane	0.32	1.1	ND	ND
2-chlorotoluene	0.29	0.99	ND	ND
4-chlorotoluene	0.34	1.2	ND	ND
benzene	0.32	1.1	ND	ND
bromobenzene	0.16	0.55	ND	ND
bromochloromethane	0.25	0.85	ND	ND
bromodichloromethane	0.15	0.5	ND	ND
bromoform	0.12	0.42	ND	ND
bromomethane	0.14	0.48	ND	ND
carbon tetrachloride	0.13	0.45	ND	ND
chlorobenzene	0.31	1.1	ND	ND
chloroethane	0.32	1.1	ND	ND
chloroform	0.15	0.53	ND	ND
chloromethane	0.17	0.58	ND	ND
cis-1,2-dichloroethene	0.11	0.37	ND	ND
cis-1,3-dichloropropene	0.16	0.54	ND	ND
dibromochloromethane	0.3	1.1	ND	ND
dibromomethane	0.14	0.47	ND	ND
dichlorodifluoromethane	0.082	0.28	ND	ND
ethylbenzene	0.15	0.53	ND	ND
hexachlorobutadiene	0.32	1.1	ND	ND
isopropylbenzene	0.32	1.1	ND	ND
m,p-xylene	0.31	1.1	ND	ND
methylene chloride	0.42	1.5	3.1 *	1.2 *
naphthalene	0.13	0.46	ND	ND
n-butylbenzene	0.44	1.5	ND	ND
o-xylene	0.32	1.1	ND	ND
para-isopropyltoluene	0.32	1.1	ND	ND
propylbenzene	0.3	1	ND	ND
sec-butylbenzene	0.3	1.1	ND	ND
styrene	0.31	1.1	ND	ND
t-butylbenzene	0.28	0.97	ND	ND
tetrachloroethylene	0.31	1.1	ND	ND
toluene	0.16	0.55	ND	ND
trans-1,2-dichloroethene	0.3	1	ND	ND
trans-1,3-dichloropropene	0.13	0.45	ND	ND
trichloroethylene	0.3	1	ND	ND
trichlorofluoromethane	0.22	0.76	ND	ND
vinyl chloride	0.16	0.57	ND	ND

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

March 5, 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 February 20th.

The following table summarizes VOCs detected:

Chemical	Result	Health Advisory
methylene chloride	3.1 *	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-180010		
Date Collected:	180220	Mail to Name:	ROBERTA BAUER
Field Number/ID:	TJ-9 PW-17	Mail to Address:	6613 CRESCENT AVE
Date Analyzed	180227	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-180010		
Date Collected:	180220	Mail to Name:	ROBERTA BAUER
Field Number/ID:	TJ-9 PW-17	Mail to Address:	6613 CRESCENT AVE
Date Analyzed	180227	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	3.1 *	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

March 5, 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 February 20th.

The following table summarizes VOCs detected:

Chemical	Result	Health Advisory
1,1,1-trichloroethane	1.3	200
1,1,2-trichloroethane	0.69	5
1,1-dichloroethane	15	850
1,1-dichloroethene	0.59	7
1,2-dichloroethane	0.97	5
1,2-dichloropropane	0.26	5
cis-1,2-dichloroethene	7.1	70
dichlorodifluoromethane	1.6	1000
methylene chloride	4.5 *	5
tetrachloroethylene	1.2	5
trichloroethylene	0.62	5

* = laboratory contamination

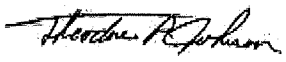
The presence of methylene chloride detected in the analysis is due laboratory contamination. All compounds are present below the health advisory, therefore the water may be used without any restrictions.

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

Eau Claire City-County
Health Department

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

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-180005		
Date Collected:	180220	Mail to Name:	CHRIS BERTSCH
Field Number/ID:	TJ-4 PW-33	Mail to Address:	7593 BLUE VALLEY DR
Date Analyzed	180227	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	1.3	0.4	1.4	200
1,1,2,2-tetrachloroethane	ND	0.11	0.38	
1,1,2-trichloroethane	0.69	0.14	0.5	5
1,1-dichloroethane	15	0.11	0.38	850
1,1-dichloroethene	0.59	0.39	1.3	7
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	0.97	0.13	0.45	5
1,2-dichloropropane	0.26	0.1	0.69	5
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-180005		
Date Collected:	180220	Mail to Name:	CHRIS BERTSCH
Field Number/ID:	TJ-4 PW-33	Mail to Address:	7593 BLUE VALLEY DR
Date Analyzed	180227	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	7.1	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	1.6	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	4.5 *	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	1.2	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	0.62	0.22	0.76	5
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

March 5, 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 February 20th.

The following table summarizes VOCs detected:

Chemical	Result	Health Advisory
methylene chloride	10 *	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:	GERALD CANDELL		
Sample Address:	7642 BLUE VALLEY DR		
Lab Sample Number:	O-180009		
Date Collected:	180220	Mail to Name:	GERALD CANDELL
Field Number/ID:	TJ-8 PW-11	Mail to Address:	7642 BLUE VALLEY DR
Date Analyzed	180305	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:	GERALD CANDELL		
Sample Address:	7642 BLUE VALLEY DR		
Lab Sample Number:	O-180009		
Date Collected:	180220	Mail to Name:	GERALD CANDELL
Field Number/ID:	TJ-8 PW-11	Mail to Address:	7642 BLUE VALLEY DR
Date Analyzed	180305	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	10 *	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

March 5, 2018

Jeff Freezy
7732 Blue Valley Dr
Eau Claire WI 54703

Dear Mr. Freezy:

Enclosed are the test results for volatile organic compounds (VOC's) for the water sample collected from your well on February 20th.

The following table summarizes VOCs detected:

Chemical	Result	Health Advisory
methylene chloride	1.3 *	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:	JEFF FREEZY		
Sample Address:	7732 BLUE VALLEY DR		
Lab Sample Number:	O-180008		
Date Collected:	180220	Mail to Name:	JEFF FREEZY
Field Number/ID:	TJ-7 PW-22	Mail to Address:	7732 BLUE VALLEY DR
Date Analyzed	180305	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:	JEFF FREEZY		
Sample Address:	7732 BLUE VALLEY DR		
Lab Sample Number:	O-180008		
Date Collected:	180220	Mail to Name:	JEFF FREEZY
Field Number/ID:	TJ-7 PW-22	Mail to Address:	7732 BLUE VALLEY DR
Date Analyzed	180305	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	1.3 *	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

March 5, 2018

Tenille Goshaw
7617 Blue Valley Dr
Eau Claire WI 54703

Dear Ms. Goshaw:

Enclosed are the test results for volatile organic compounds (VOC's) for the water sample collected from your well on February 20th.

The following table summarizes VOCs detected:

Chemical	Result	Health Advisory
methylene chloride	3.8 *	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:	TENILLE GOSHAW		
Sample Address:	7617 BLUE VALLEY DR		
Lab Sample Number:	O-180003		
Date Collected:	180220	Mail to Name:	TENILLE GOSHAW
Field Number/ID:	TJ-2 PW-6	Mail to Address:	7617 BLUE VALLEY DR
Date Analyzed	180227	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:	TENILLE GOSHAW		
Sample Address:	7617 BLUE VALLEY DR		
Lab Sample Number:	O-180003		
Date Collected:	180220	Mail to Name:	TENILLE GOSHAW
Field Number/ID:	TJ-2 PW-6	Mail to Address:	7617 BLUE VALLEY DR
Date Analyzed	180227	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	3.8 *	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

March 5, 2018

Steve Hoffman
7621 Blue Valley Dr
Eau Claire WI 54703

Dear Mr. Hoffman:

Enclosed are the test results for volatile organic compounds (VOC's) for the water sample collected from your well on February 20th.

The following table summarizes VOCs detected:

Chemical	Result	Health Advisory
1,1-dichloroethane	5.8	850
cis-1,2-dichloroethene	2.3	70
dichlorodifluoromethane	0.17	1000
m,p-xylene	0.57	10000
methylene chloride	2.0 *	5
styrene	0.36	100
tetrachloroethylene	0.33	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.

Eau Claire City-County
Health Department

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

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
Colleen Shian, City of Eau Claire

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:	STEVE HOFFMAN		
Sample Address:	7621 BLUE VALLEY DR		
Lab Sample Number:	O-180002		
Date Collected:	180220	Mail to Name:	STEVE HOFFMAN
Field Number/ID:	TJ-1 PW-4	Mail to Address:	7621 BLUE VALLEY DR
Date Analyzed	180227	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	5.8	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:	STEVE HOFFMAN		
Sample Address:	7621 BLUE VALLEY DR		
Lab Sample Number:	O-180002		
Date Collected:	180220	Mail to Name:	STEVE HOFFMAN
Field Number/ID:	TJ-1 PW-4	Mail to Address:	7621 BLUE VALLEY DR
Date Analyzed	180227	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	2.3	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	0.17	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	0.57	0.42	1.5	10000
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	0.36	0.28	0.97	100
t-butylbenzene	ND	0.31	1.1	
tetrachloroethylene	0.33	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

March 5, 2018

Randy Peiffer
7879 Blue Valley Dr
Eau Claire WI 54703

Dear Mr. Peiffer:

Enclosed are the test results for volatile organic compounds (VOC's) for the water sample collected from your well on February 20th.

The following table summarizes VOCs detected:

Chemical	Result	Health Advisory
methylene chloride	1.7 *	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:	RANDY PEIFFER		
Sample Address:	7879 BLUE VALLEY DR		
Lab Sample Number:	O-180007		
Date Collected:	180220	Mail to Name:	RANDY PEIFFER
Field Number/ID:	TJ-6 PW-30	Mail to Address:	7879 BLUE VALLEY DR
Date Analyzed	180228	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:	RANDY PEIFFER		
Sample Address:	7879 BLUE VALLEY DR		
Lab Sample Number:	O-180007		
Date Collected:	180220	Mail to Name:	RANDY PEIFFER
Field Number/ID:	TJ-6 PW-30	Mail to Address:	7879 BLUE VALLEY DR
Date Analyzed	180228	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	1.7 *	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

March 5, 2018

Jeff Reitz
7835 Blue Valley Dr
Eau Claire WI 54703

Dear Mr. Reitz:

Enclosed are the test results for volatile organic compounds (VOC's) for the water sample collected from your well on February 20th.

The following table summarizes VOCs detected:

Chemical	Result	Health Advisory
methylene chloride	2.6 *	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:	JEFF REITZ		
Sample Address:	7835 BLUE VALLEY DR		
Lab Sample Number:	O-180006		
Date Collected:	180220	Mail to Name:	JEFF REITZ
Field Number/ID:	TJ-5 PW-32	Mail to Address:	7835 BLUE VALLEY DR
Date Analyzed	180227	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:	JEFF REITZ		
Sample Address:	7835 BLUE VALLEY DR		
Lab Sample Number:	O-180006		
Date Collected:	180220	Mail to Name:	JEFF REITZ
Field Number/ID:	TJ-5 PW-32	Mail to Address:	7835 BLUE VALLEY DR
Date Analyzed	180227	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	2.6 *	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

March 5, 2018

Dale Tickler
7865 Blue Valley Dr
Eau Claire WI 54703

Dear Mr. Tickler:

Enclosed are the test results for volatile organic compounds (VOC's) for the water sample collected from your well on February 20th.

The following table summarizes VOCs detected:

Chemical	Result	Health Advisory
methylene chloride	3.4 *	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:	DALE TICKLER		
Sample Address:	7865 BLUE VALLEY DR		
Lab Sample Number:	O-180004		
Date Collected:	180220	Mail to Name:	DALE TICKLER
Field Number/ID:	TJ-3 PW-26	Mail to Address:	7865 BLUE VALLEY DR
Date Analyzed	180227	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:	DALE TICKLER		
Sample Address:	7865 BLUE VALLEY DR		
Lab Sample Number:	O-180004		
Date Collected:	180220	Mail to Name:	DALE TICKLER
Field Number/ID:	TJ-3 PW-26	Mail to Address:	7865 BLUE VALLEY DR
Date Analyzed	180227	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	3.4	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