State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
101 S. Webster Street
Box 7921
Madison WI 53707-7921

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
FAX 608-267-3579
TTY Access via relay - 711

file

August 8, 2014

Mr. Jeff Gaastra or
Current Resident
W14297 Charles St.
Ripon, WI. 54971

UniqueWell ID # PR818

SUBJECT: Recent Potable Well Water Sampling Results for the Gaastra Well,
W14297 Charles Street, Ripon, WI
BRRTS #02-20-000915

Dear Mr. Gaastra:

Attached are copies of the recent sampling results for your well taken on April 15, May 28 and July 17, 2014. Vinyl Chloride was detected at a concentration of 0.41 micrograms per liter (parts per billion or ppb) in the April 15 sample, was not detected in the May 28 sample and was detected at 0.30 parts per billion in the July 17 sample. The State of Wisconsin Public Health Groundwater Quality Enforcement Standard for this compound is 0.2 parts per billion. Water that contains contaminants that exceed an Enforcement Standard for Public Health should not be consumed.

Sample Date	April 15, 2014	May 28, 2014	July 17, 2014	Enforcement Standard
Vinyl Chloride	**0.41 ppb**	No Detection	**0.30 ppb**	0.2 ppb

Bold =concentration detected above NR 140, Wis. Adm. Code Enforcement Standard
Note: Methylene Chloride was also detected in the April 15 and July 17 samples. This is a common laboratory contaminant.

Based on these results we strongly recommend that you discontinue using your well water for drinking and cooking. The immediately available temporary option for those uses is bottled water. We also recommend that you make arrangements for a permanent solution.

We have been in contact with the responsible parties for the Ripon FF/NN Landfill and understand they are making arrangements for bottled water and a connection to the City of Ripon public water supply. A public water supply main had already been installed in front of the Charles Street property. We strongly recommend that you work with them to make this connection and disconnect the well from the residential plumbing. After the connection is made, the well should be properly abandoned, or, preferably, converted into a groundwater quality monitoring well for the landfill site.

The Wisconsin Department of Natural Resources was notified of the April and May results on July 9, 2014. Because the results from the April sampling exceeded the Enforcement Standard, we asked the Responsible Parties for the landfill to sample the well again, which was done on July 17. We received the latest results on August 6. I'd like to call you to discuss your private water supply results; however,

I was unable to locate a current telephone number. Please call me at your convenience at the number below.

If you should have any additional questions or questions about the landfill, please feel free to call me at (608) 267-7563 or email me at gary.edelstein@wisconsin.gov.

Sincerely,

Gary A. Edelstein, P.E.
Waste Management Engineer
Remediation & Redevelopment Program

Attachment

cc: Kevin McKnight, DNR – ecopy
Jim Kasdorf, DNR – ecopy
Kyle Burton, DNR - ecopy
Mary Tierney, EPA – ecopy - Tierney.mary@epa.gov
Mike Noel, Tetra Tech – ecopy – Mike.Noel@tetratech.com
Lori Rich, City of Ripon – ecopy – lrich@cityofripon.com

ANALYTICAL RESULTS: VOC's by EPA 524.2, Rev 4.1 - Water - Extended (Agilent5977E)
Customer: Pace Analytical Services Inc (GB) NLS Project: 216595
Project Description: 117-2202040.20 Ripon FF/NN LF
Project Title: Template: AGIPACE Printed: 04/29/2014 11:13

Sample: 781584 Gaastra Collected: 04/15/14 Analyzed: 04/24/14 - Analytes: 63

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL	Note
Benzene	ND	ug/L	1	0.22	0.72		
Bromobenzene	ND	ug/L	1	0.17	0.57		
Bromochloromethane	ND	ug/L	1	0.17	0.57		
Bromodichloromethane	ND	ug/L	1	0.15	0.49		
Bromoform	ND	ug/L	1	0.16	0.53		
Bromomethane	ND	ug/L	1	0.26	0.85		
n-Butylbenzene	ND	ug/L	1	0.19	0.63		
sec-Butylbenzene	ND	ug/L	1	0.17	0.58		
tert-Butylbenzene	ND	ug/L	1	0.16	0.55		
Carbon Tetrachloride	ND	ug/L	1	0.20	0.66		
Chlorobenzene	ND	ug/L	1	0.19	0.63		
Chloroethane	ND	ug/L	1	0.94	3.1		
Chloroform	ND	ug/L	1	0.19	0.62		
Chloromethane	ND	ug/L	1	0.16	0.53		
2-Chlorotoluene	ND	ug/L	1	0.18	0.59		
4-Chlorotoluene	ND	ug/L	1	0.19	0.63		
Dibromochloromethane	ND	ug/L	1	0.15	0.49		
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.23	0.77		
1,2-Dibromoethane	ND	ug/L	1	0.21	0.71		
Dibromomethane	ND	ug/L	1	0.22	0.74		
1,2-Dichlorobenzene	ND	ug/L	1	0.17	0.57		
1,3-Dichlorobenzene	ND	ug/L	1	0.21	0.69		
1,4-Dichlorobenzene	ND	ug/L	1	0.17	0.56		
Dichlorodifluoromethane	ND	ug/L	1	0.22	0.74		
1,1-Dichloroethane	ND	ug/L	1	0.20	0.65		
1,2-Dichloroethane	ND	ug/L	1	0.16	0.54		
1,1-Dichloroethene	ND	ug/L	1	0.21	0.68		
cis-1,2-Dichloroethene	ND	ug/L	1	0.19	0.65		
trans-1,2-Dichloroethene	ND	ug/L	1	0.14	0.45		
1,2-Dichloropropane	ND	ug/L	1	0.24	0.78		
1,3-Dichloropropane	ND	ug/L	1	0.19	0.63		
2,2-Dichloropropane	ND	ug/L	1	0.14	0.46		
1,1-Dichloropropene	ND	ug/L	1	0.10	0.32		
cis-1,3-Dichloropropene	ND	ug/L	1	0.17	0.57		
trans-1,3-Dichloropropene	ND	ug/L	1	0.19	0.63		
Ethylbenzene	ND	ug/L	1	0.19	0.64		
Hexachlorobutadiene	ND	ug/L	1	0.23	0.75		
Isopropylbenzene	ND	ug/L	1	0.17	0.57		
p-Isopropyltoluene	ND	ug/L	1	0.16	0.54		
Methylene chloride	[0.43]	ug/L	1	0.19	0.63		
Naphthalene	ND	ug/L	1	0.18	0.59		
n-Propylbenzene	ND	ug/L	1	0.18	0.60		
ortho-Xylene	ND	ug/L	1	0.18	0.60		
Styrene	ND	ug/L	1	0.17	0.56		
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.18	0.59		
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.15	0.49		
Tetrachloroethene	ND	ug/L	1	0.18	0.61		
Toluene	ND	ug/L	1	0.18	0.59		
1,2,3-Trichlorobenzene	ND	ug/L	1	0.20	0.65		
1,2,4-Trichlorobenzene	ND	ug/L	1	0.19	0.62		
1,1,1-Trichloroethane	ND	ug/L	1	0.15	0.51		
1,1,2-Trichloroethane	ND	ug/L	1	0.20	0.65		
Trichloroethene	ND	ug/L	1	0.11	0.36		

ANALYTIC. ESULTS: VOC's by EPA 524.2, Rev 4.1 - Water - Extended (Agi. 977E)
Customer: Pace Analytical Services Inc (GB) NLS Project: 216595
Project Description: 117-2202040.20 Ripon FF/NN LF
Project Title: Template: AGIPACE Printed: 04/29/2014 11:13

Sample: 781584 Gaastra Collected: 04/15/14 Analyzed: 04/24/14 - Analytes: 63

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL	Note
Trichlorofluoromethane	ND	ug/L	1	0.19	0.65		
1,2,3-Trichloropropane	ND	ug/L	1	0.19	0.62		
1,2,4-Trimethylbenzene	ND	ug/L	1	0.18	0.60		
1,3,5-Trimethylbenzene	ND	ug/L	1	0.18	0.60		
Vinyl chloride	[0.41]	ug/L	1	0.18	0.61		
meta,para-Xylene	ND	ug/L	1	0.35	1.2		
MTBE	ND	ug/L	1	0.20	0.65		
Acetone	ND	ug/L	1	4.2	12		
Carbon disulfide	ND	ug/L	1	0.19	0.65		
Methyl ethyl ketone	ND	ug/L	1	0.39	1.3		
4-Bromofluorobenzene (SURR)	82%						S
1,2-Dichlorobenzene - d4 (SURR)	94%						S

NOTES APPLICABLE TO THIS ANALYSIS:
S = This compound is a surrogate used to evaluate the quality control of a method.

ANALYTIC. :ESULTS: VOC's by EPA 524.2, Rev 4.1 - Water - Extended (Agi. :977E)
Customer: Pace Analytical Services Inc (GB) NLS Project: 220004
Project Description: 117-2202040.20 Ripon FF/NN LF
Project Title: 4097203 Template: AGIPACE Printed: 06/13/2014 10:03

Sample: 793723 Gaastra Collected: 05/28/14 Analyzed: 06/05/14 - Analytes: 63

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL	Note
Benzene	ND	ug/L	1	0.22	0.72		
Bromobenzene	ND	ug/L	1	0.17	0.57		
Bromochloromethane	ND	ug/L	1	0.17	0.57		
Bromodichloromethane	ND	ug/L	1	0.15	0.49		
Bromoform	ND	ug/L	1	0.16	0.53		
Bromomethane	ND	ug/L	1	0.26	0.85		
n-Butylbenzene	ND	ug/L	1	0.19	0.63		
sec-Butylbenzene	ND	ug/L	1	0.17	0.58		
tert-Butylbenzene	ND	ug/L	1	0.16	0.55		
Carbon Tetrachloride	ND	ug/L	1	0.20	0.66		
Chlorobenzene	ND	ug/L	1	0.19	0.63		
Chloroethane	ND	ug/L	1	0.94	3.1		
Chloroform	ND	ug/L	1	0.19	0.62		
Chloromethane	ND	ug/L	1	0.16	0.53		
2-Chlorotoluene	ND	ug/L	1	0.18	0.59		
4-Chlorotoluene	ND	ug/L	1	0.19	0.63		
Dibromochloromethane	ND	ug/L	1	0.15	0.49		
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.23	0.77		
1,2-Dibromoethane	ND	ug/L	1	0.21	0.71		
Dibromomethane	ND	ug/L	1	0.22	0.74		
1,2-Dichlorobenzene	ND	ug/L	1	0.17	0.57		
1,3-Dichlorobenzene	ND	ug/L	1	0.21	0.69		
1,4-Dichlorobenzene	ND	ug/L	1	0.17	0.56		
Dichlorodifluoromethane	ND	ug/L	1	0.22	0.74		
1,1-Dichloroethane	ND	ug/L	1	0.20	0.65		
1,2-Dichloroethane	ND	ug/L	1	0.16	0.54		
1,1-Dichloroethene	ND	ug/L	1	0.21	0.68		
cis-1,2-Dichloroethene	ND	ug/L	1	0.19	0.65		
trans-1,2-Dichloroethene	ND	ug/L	1	0.14	0.45		
1,2-Dichloropropane	ND	ug/L	1	0.24	0.78		
1,3-Dichloropropane	ND	ug/L	1	0.19	0.63		
2,2-Dichloropropane	ND	ug/L	1	0.14	0.46		
1,1-Dichloropropene	ND	ug/L	1	0.10	0.32		
cis-1,3-Dichloropropene	ND	ug/L	1	0.17	0.57		
trans-1,3-Dichloropropene	ND	ug/L	1	0.19	0.63		
Ethylbenzene	ND	ug/L	1	0.19	0.64		
Hexachlorobutadiene	ND	ug/L	1	0.23	0.75		
Isopropylbenzene	ND	ug/L	1	0.17	0.57		
p-Isopropyltoluene	ND	ug/L	1	0.16	0.54		
Methylene chloride	ND	ug/L	1	0.19	0.63		
Naphthalene	ND	ug/L	1	0.18	0.59		
n-Propylbenzene	ND	ug/L	1	0.18	0.60		
ortho-Xylene	ND	ug/L	1	0.18	0.60		
Styrene	ND	ug/L	1	0.17	0.56		
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.18	0.59		
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.15	0.49		
Tetrachloroethene	ND	ug/L	1	0.18	0.61		
Toluene	ND	ug/L	1	0.18	0.59		
1,2,3-Trichlorobenzene	ND	ug/L	1	0.20	0.65		
1,2,4-Trichlorobenzene	ND	ug/L	1	0.19	0.62		
1,1,1-Trichloroethane	ND	ug/L	1	0.15	0.51		
1,1,2-Trichloroethane	ND	ug/L	1	0.20	0.65		
Trichloroethene	ND	ug/L	1	0.11	0.36		

ANALYTICAL RESULTS: VOC's by EPA 524.2, Rev 4.1 - Water - Extended (Agilent5977E)
Customer: Pace Analytical Services Inc (GB) NLS Project: 220004
Project Description: 117-2202040.20 Ripon FF/NN LF
Project Title: 4097203 Template: AGIPACE Printed: 06/13/2014 10:03

Sample: 793723 Gaastra Collected: 05/28/14 Analyzed: 06/05/14 - Analytes: 63

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL	Note
Trichlorofluoromethane	ND	ug/L	1	0.19	0.65		
1,2,3-Trichloropropane	ND	ug/L	1	0.19	0.62		
1,2,4-Trimethylbenzene	ND	ug/L	1	0.18	0.60		
1,3,5-Trimethylbenzene	ND	ug/L	1	0.18	0.60		
Vinyl chloride	ND	ug/L	1	0.18	0.61		
meta,para-Xylene	ND	ug/L	1	0.35	1.2		
MTBE	ND	ug/L	1	0.20	0.65		
Acetone	ND	ug/L	1	4.2	12		
Carbon disulfide	ND	ug/L	1	0.19	0.65		
Methyl ethyl ketone	ND	ug/L	1	0.39	1.3		
4-Bromofluorobenzene (SURR)	97%						S
1,2-Dichlorobenzene - d4 (SURR)	92%						S

NOTES APPLICABLE TO THIS ANALYSIS:
S = This compound is a surrogate used to evaluate the quality control of a method.

ANALYTICAL RESULTS: VOC's by EPA 524.2, Rev 4.1 - Water - Extended (Saturn 3)

Customer: Pace Analytical Services Inc (GB) NLS Project: 223480

Project Description: 40100100

Project Title: 117-2202040.20 Ripon FF/NN Lan Template: SAT3PACE Printed: 08/05/2014 15:18

Sample: 805114 Gaastra Collected: 07/17/14 Analyzed: 08/01/14 - Analytes: 66

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL	Note
Benzene	ND	ug/L	1	0.17	0.60		
Bromobenzene	ND	ug/L	1	0.18	0.64		
Bromochloromethane	ND	ug/L	1	0.16	0.55		
Bromodichloromethane	ND	ug/L	1	0.18	0.64		
Bromoform	ND	ug/L	1	0.17	0.60		
Bromomethane	ND	ug/L	1	0.36	1.3		
n-Butylbenzene	ND	ug/L	1	0.22	0.77		
sec-Butylbenzene	ND	ug/L	1	0.16	0.57		
tert-Butylbenzene	ND	ug/L	1	0.12	0.42		
Carbon Tetrachloride	ND	ug/L	1	0.24	0.85		
Chlorobenzene	ND	ug/L	1	0.19	0.69		
Chloroethane	ND	ug/L	1	1.3	4.6		
Chloroform	ND	ug/L	1	0.20	0.70		
Chloromethane	ND	ug/L	1	0.14	0.51		
2-Chlorotoluene	ND	ug/L	1	0.15	0.55		
4-Chlorotoluene	ND	ug/L	1	0.19	0.66		
Dibromochloromethane	ND	ug/L	1	0.15	0.53		
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.12	0.42		
1,2-Dibromoethane	ND	ug/L	1	0.11	0.38		
Dibromomethane	ND	ug/L	1	0.21	0.75		
1,2-Dichlorobenzene	ND	ug/L	1	0.17	0.61		
1,3-Dichlorobenzene	ND	ug/L	1	0.20	0.71		
1,4-Dichlorobenzene	ND	ug/L	1	0.14	0.47		
Dichlorodifluoromethane	ND	ug/L	1	0.23	0.81		
1,1-Dichloroethane	ND	ug/L	1	0.20	0.68		
1,2-Dichloroethane	ND	ug/L	1	0.23	0.80		
1,1-Dichloroethene	ND	ug/L	1	0.21	0.75		
cis-1,2-Dichloroethene	ND	ug/L	1	0.13	0.47		
trans-1,2-Dichloroethene	ND	ug/L	1	0.16	0.55		
1,2-Dichloropropane	ND	ug/L	1	0.26	0.92		
1,3-Dichloropropane	ND	ug/L	1	0.26	0.91		
2,2-Dichloropropane	ND	ug/L	1	0.17	0.62		
1,1-Dichloropropene	ND	ug/L	1	0.16	0.55		
cis-1,3-Dichloropropene	ND	ug/L	1	0.16	0.55		
trans-1,3-Dichloropropene	ND	ug/L	1	0.19	0.68		
Ethylbenzene	ND	ug/L	1	0.15	0.51		
Hexachlorobutadiene	ND	ug/L	1	0.20	0.71		
Isopropylbenzene	ND	ug/L	1	0.19	0.65		
p-Isopropyltoluene	ND	ug/L	1	0.19	0.66		
Methylene chloride	[0.19]	ug/L	1	0.17	0.61		
Naphthalene	ND	ug/L	1	0.20	0.71		
n-Propylbenzene	ND	ug/L	1	0.16	0.58		
ortho-Xylene	ND	ug/L	1	0.15	0.55		
Styrene	ND	ug/L	1	0.20	0.68		
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.17	0.59		
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.15	0.55		
Tetrachloroethene	ND	ug/L	1	0.18	0.62		
Toluene	ND	ug/L	1	0.14	0.48		
1,2,3-Trichlorobenzene	ND	ug/L	1	0.24	0.86		
1,2,4-Trichlorobenzene	ND	ug/L	1	0.15	0.51		
1,1,1-Trichloroethane	ND	ug/L	1	0.11	0.37		
1,1,2-Trichloroethane	ND	ug/L	1	0.22	0.78		
Trichloroethene	ND	ug/L	1	0.19	0.66		

ANALYTICAL RESULTS: VOC's by EPA 524.2, Rev 4.1 - Water - Extended (Saturn 3)
Customer: Pace Analytical Services Inc (GB) NLS Project: 223480
Project Description: 40100100
Project Title: 117-2202040.20 Ripon FF/NN Lan Template: SAT3PACE Printed: 08/05/2014 15:18

Sample: 805114 Gaastra Collected: 07/17/14 Analyzed: 08/01/14 - Analytes: 66

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL	Note
Trichlorofluoromethane	ND	ug/L	1	0.13	0.46		
1,2,3-Trichloropropane	ND	ug/L	1	0.25	0.87		
1,2,4-Trimethylbenzene	ND	ug/L	1	0.20	0.69		
1,3,5-Trimethylbenzene	ND	ug/L	1	0.19	0.66		
Vinyl chloride	[0.30]	ug/L	1	0.19	0.67		
meta,para-Xylene	ND	ug/L	1	0.37	1.3		
MTBE	ND	ug/L	1	0.23	0.83		
Acetone	ND	ug/L	1	4.2	12		
Carbon disulfide	ND	ug/L	1	0.17	0.61		
Vinyl Acetate	ND	ug/L	1	1.7	5.9		
Methyl ethyl ketone	ND	ug/L	1	1.4	4.8		
4-Methyl-2-Pentanone	ND	ug/L	1	0.65	2.3		
2-Hexanone	ND	ug/L	1	0.69	2.4		
4-Bromofluorobenzene (SURR)	103%						S
1,2-Dichlorobenzene - d4 (SURR)	107%						S

NOTES APPLICABLE TO THIS ANALYSIS:
S = This compound is a surrogate used to evaluate the quality control of a method.
Not NLS vials.

Edelstein, Gary A - DNR

From: Edelstein, Gary A - DNR
Sent: Wednesday, August 13, 2014 12:09 PM
To: McKnight, Kevin - DNR; Kasdorf, James H Jr - DNR
Subject: FW: Draft Gaastra contract

FYI/File - Apparently bottled water was delivered to Jeff Gaastra.

From: Lori Rich [mailto:lrich@cityofripon.com]
Sent: Tuesday, August 12, 2014 8:01 PM
To: Edelstein, Gary A - DNR
Subject: Fwd: Draft Gaastra contract

Gary, FYI

---------- Forwarded message ----------
From: <NelsonMOlavarria@eaton.com>
Date: Tue, Aug 12, 2014 at 5:02 PM
Subject: RE: Draft Gaastra contract
To: lrich@cityofripon.com
Cc: Mike.Noel@tetratech.com

Thank you Lori. Please let the WDNR know when you have a moment. This should please them.

Thanks,

Nelson

From: Lori Rich [mailto:lrich@cityofripon.com]
Sent: Tuesday, August 12, 2014 4:34 PM
To: Olavarria, Nelson M
Cc: Mike Noel
Subject: Re: Draft Gaastra contract

Yes, the first delivery was yesterday.

On Tue, Aug 12, 2014 at 4:31 PM, <NelsonMOlavarria@eaton.com> wrote:

Thank you Lori so therefore based on the Culligan receipt, Gaastra is now on bottled water?

From: Lori Rich [mailto:lrich@cityofripon.com]
Sent: Tuesday, August 12, 2014 3:49 PM

To: Olavarria, Nelson M; Mike Noel
Subject: Draft Gaastra contract

Nelson,

Attached is a draft contract for your review. I've also attached a copy of the Culligan order.

Any changes to the contract please let me know.

Thanks!

Lori

Edelstein, Gary A - DNR

From: Lori Rich <lrich@cityofripon.com>
Sent: Friday, August 08, 2014 1:15 PM
To: Edelstein, Gary A - DNR
Subject: Gaastra update
Attachments: Gaastra080714.ltr.pdf

Gary,

Below is an update regarding Jeff Gaastra, as well as a copy of the letter that Jack Wendler left in Mr. Gaastra's door this morning.

Any questions please feel free to contact me.

Lori

Lori A. Rich, CPA
City Administrator
CITY OF RIPON
Ph 920-748-4914
Fx 920-748-6983
www.cityofripon.com

Lori Rich <lrich@cityofripon.com> Fri, Aug 8, 2014 at 10:49 AM
To: "Nelson M. Olavarria" <NelsonMOlavarria@eaton.com>

Cc: Mike Noel <Mike.Noel@tetratech.com>

Nelson,

Jack Wendler stopped at Jeff Gaastra's house this morning. No one was home, so Jack left the letter in the door and will try stopping in again on Sunday. Jack said that Mr. Gaastra is a truck driver in the construction industry and works 6 days a week. Jack spoke with Mr. Gaastra's neighbor, Al Ehster, and found out discreetly that Jeff Gaastra is divorced, and there are no kids in the home.

I will talk with our city attorney next week about an agreement for the city water line connection.

Lori

CITY OF RIPON

100 Jackson Street • Ripon, Wisconsin 54971-1396

August 7, 2014

Mr. Jeff Gaastra
W14297 Charles St
Ripon, WI 54971

RE: Water Supply Well Sample Results for W14297 Charles St Property, Ripon, WI

Dear Mr. Gaastra:

Pursuant to the Wisconsin Department of Natural Resources' (WDNR) requirement, Ashley Weimer from Tetra Tech collected a water sample from your water supply well on July 17, 2014 for volatile organic compound (VOC) analysis. Methylene chloride, a common analytical laboratory artifact, was detected at a concentration of 0.19 ppb, which is well below the WDNR Enforcement Standard of 5.0 ppb. Vinyl chloride was detected at a concentration of 0.3 ppb, which is well below the Federal EPA Drinking water standard of 2 ppb, but slightly above the WDNR Enforcement Standard of 0.2 ppb. We plan to resample your well again for confirmation but as a precautionary measure we are offering to provide you with potable bottled water until your home can be connected to city water, if this is acceptable to you. The WDNR may be contacting you as well regarding this matter.

If you have any further questions concerning the enclosed information, please contact me at 920-748-4914 or Gary Edelstein with the WDNR at 608-267-7563. Your cooperation in this matter is greatly appreciated.

Sincerely,

Lori Rich

Lori Rich
City Administrator
City of Ripon

Encl.

cc: Gary Edelstein, Wisconsin DNR
Liz Heinen, Wisconsin DNR
Kevin McKnight, Wisconsin DNR
Gloria Smedema, Fond du Lac County Health Dept.
Ashley Weimer, Tetra Tech
Nelson Olavarria, Cooper Industries

LABORATORY ANALYTICAL REPORTS

On the following laboratory reports, the limit of detection (LOD) for each parameter is listed to the right of its name. The LOD is the minimum concentration of a parameter that must be present before the laboratory can detect it. The limit of quantitation (LOQ), which is listed to the right of the LOD, is the minimum concentration that can be quantified with certainty by the laboratory. The less than sign (<) by a result indicates the parameter analyzed was not detected above the LOD. The results for the VOC analyses are given in units of micrograms per liter (ug/L), which is equivalent to parts per billion.

NORTHERN LAKE SERVICE, INC.
Analytical Laboratory and Environmental Services
400 North Lake Avenue - Crandon, WI 54520
Ph: (715)-478-2777 Fax: (715)-478-3060

ANALYTICAL REPORT

WDNR Laboratory ID No. 721026460
WDATCP Laboratory Certification No. 105-330
EPA Laboratory ID No. WI00034

NLS Project: 223480
NLS Customer: 94575

Client: Pace Analytical Services Inc (GB)
Attn: Brian D Basten
1241 Bellevue Street
Green Bay, WI 54302 2156

Fax: 920 469 8827 Phone: 800 736 2436

Project: 40100100 117-2202040.20 Ripon FF/NN Lan

Gaastra NLS ID: 805114
COC: Pace:1 Matrix: DW
Collected: 07/17/14 15:00 Received: 07/23/14

Parameter	Result	Units	Dilution	LOD	LOQ/MCL	Analyzed	Method	Lab
SDWA Volatile Organics (VOCs) by EPA 524.2	see attached					08/01/14	EPA 524.2, Rev 4.1	721026460

Values in brackets represent results greater than or equal to the LOD but less than the LOQ and are within a region of "Less-Certain Quantitation". Results greater than or equal to the LOQ are considered to be in the region of "Certain Quantitation". LOD and/or LOQ tagged with an asterisk(*) are considered Reporting Limits. All LOD/LOQs adjusted to reflect dilution.

LOD = Limit of Detection LOQ = Limit of Quantitation ND = Not Detected (< LOD) 1000 ug/L = 1 mg/L
DWB = Dry Weight Basis NA = Not Applicable %DWB = (mg/kg DWB) / 10000
MCL = Maximum Contaminant Levels for Drinking Water Samples. Shaded results indicate >MCL.

Reviewed by:

Authorized by:
R. T. Krueger
President

ANALYTICAL RESULTS: VOC's by EPA 524.2, Rev 4.1 - Water - Extended (Saturn 3)

Customer: Pace Analytical Services Inc (GB) **NLS Project:** 223480

Project Description: 40100100

Project Title: 117-2202040.20 Ripon FF/NN Lan **Template:** SAT3PACE **Printed:** 08/05/2014 15:18

Sample: 805114 Gaastra Collected: 07/17/14 Analyzed: 08/01/14 Analytes: 66

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL	Note
Benzene	ND	ug/L	1	0.17	0.60		
Bromobenzene	ND	ug/L	1	0.18	0.64		
Bromochloromethane	ND	ug/L	1	0.15	0.55		
Bromodichloromethane	ND	ug/L	1	0.18	0.64		
Bromoform	ND	ug/L	1	0.17	0.60		
Bromomethane	ND	ug/L	1	0.36	1.3		
n-Butylbenzene	ND	ug/L	1	0.22	0.77		
sec-Butylbenzene	ND	ug/L	1	0.16	0.57		
tert-Butylbenzene	ND	ug/L	1	0.12	0.42		
Carbon Tetrachloride	ND	ug/L	1	0.24	0.85		
Chlorobenzene	ND	ug/L	1	0.19	0.69		
Chloroethane	ND	ug/L	1	1.3	4.6		
Chloroform	ND	ug/L	1	0.20	0.70		
Chloromethane	ND	ug/L	1	0.14	0.51		
2-Chlorotoluene	ND	ug/L	1	0.15	0.55		
4-Chlorotoluene	ND	ug/L	1	0.19	0.66		
Dibromochloromethane	ND	ug/L	1	0.15	0.53		
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.12	0.42		
1,2-Dibromoethane	ND	ug/L	1	0.11	0.38		
Dibromomethane	ND	ug/L	1	0.21	0.75		
1,2-Dichlorobenzene	ND	ug/L	1	0.17	0.61		
1,3-Dichlorobenzene	ND	ug/L	1	0.20	0.71		
1,4-Dichlorobenzene	ND	ug/L	1	0.14	0.47		
Dichlorodifluoromethane	ND	ug/L	1	0.23	0.81		
1,1-Dichloroethane	ND	ug/L	1	0.20	0.68		
1,2-Dichloroethane	ND	ug/L	1	0.23	0.80		
1,1-Dichloroethene	ND	ug/L	1	0.21	0.75		
cis-1,2-Dichloroethene	ND	ug/L	1	0.13	0.47		
trans-1,2-Dichloroethene	ND	ug/L	1	0.16	0.55		
1,2-Dichloropropane	ND	ug/L	1	0.26	0.92		
1,3-Dichloropropane	ND	ug/L	1	0.26	0.91		
2,2-Dichloropropane	ND	ug/L	1	0.17	0.62		
1,1-Dichloropropene	ND	ug/L	1	0.16	0.55		
cis-1,3-Dichloropropene	ND	ug/L	1	0.16	0.55		
trans-1,3-Dichloropropene	ND	ug/L	1	0.19	0.68		
Ethylbenzene	ND	ug/L	1	0.15	0.51		
Hexachlorobutadiene	ND	ug/L	1	0.20	0.71		
Isopropylbenzene	ND	ug/L	1	0.19	0.65		
p-Isopropyltoluene	ND	ug/L	1	0.19	0.66		
Methylene chloride	[3.19]	ug/L	1	0.17	0.61		
Naphthalene	ND	ug/L	1	0.20	0.71		
n-Propylbenzene	ND	ug/L	1	0.16	0.58		
ortho-Xylene	ND	ug/L	1	0.15	0.55		
Styrene	ND	ug/L	1	0.19	0.68		
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.17	0.59		
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.16	0.55		
Tetrachloroethene	ND	ug/L	1	0.18	0.62		
Toluene	ND	ug/L	1	0.14	0.48		
1,2,3-Trichlorobenzene	ND	ug/L	1	0.24	0.86		
1,2,4-Trichlorobenzene	ND	ug/L	1	0.15	0.51		
1,1,1-Trichloroethane	ND	ug/L	1	0.11	0.37		
1,1,2-Trichloroethane	ND	ug/L	1	0.22	0.76		
Trichloroethene	ND	ug/L	1	0.19	0.66		

ANALYTICAL RESULTS: VOC's by EPA 524.2, Rev 4.1 - Water - Extended (Saturn 3)
Customer: Pace Analytical Services Inc (GB) NLS Project: 223480
Project Description: 40100100
Project Title: 117-2202040.20 Ripon FF/NN Lan Template: SAT3PACE Printed: 08/05/2014 15:18

Sample: 805114 Gaastra Collected: 07/17/14 Analyzed: 08/01/14 Analytes: 66

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL	Note
Trichlorofluoromethane	ND	ug/L	1	0.13	0.46		
1,2,3-Trichloropropane	ND	ug/L	1	0.25	0.87		
1,2,4-Trimethylbenzene	ND	ug/L	1	0.20	0.69		
1,3,5-Trimethylbenzene	ND	ug/L	1	0.19	0.66		
Vinyl chloride	[0.30]	ug/L	1	0.19	0.67		
meta,para-Xylene	ND	ug/L	1	0.37	1.3		
MTBE	ND	ug/L	1	0.23	0.83		
Acetone	ND	ug/L	1	4.2	12		
Carbon disulfide	ND	ug/L	1	0.17	0.61		
Vinyl Acetate	ND	ug/L	1	1.7	5.9		
Methyl ethyl ketone	ND	ug/L	1	1.4	4.8		
4-Methyl-2-Pentanone	ND	ug/L	1	0.65	2.3		
2-Hexanone	ND	ug/L	1	0.69	2.4		
4-Bromofluorobenzene (SURR)	103%						S
1,2-Dichlorobenzene - d4 (SURR)	107%						S

NOTES APPLICABLE TO THIS ANALYSIS:
S = This compound is a surrogate used to evaluate the quality control of a method.
Not NLS vials.

Edelstein, Gary A - DNR

From:	Edelstein, Gary A - DNR
Sent:	Wednesday, August 06, 2014 5:14 PM
To:	'Noel, Mike'
Cc:	Nelson Olavarria; Lori Rich (lrich@cityofripon.com); McKnight, Kevin - DNR
Subject:	RE: FF/NN Landfill

Mike,

This will confirm receipt of this message and the results.

I also received your voice message from your mobile phone informing me of the same.

If you'd still like to discuss this by phone, please feel free to call me.

Gary E

We are committed to service excellence.
Visit our survey at http://dnr.wi.gov/customersurvey to evaluate how I did.

Gary A. Edelstein, P.E., Waste Management Engineer
Wisconsin Department of Natural Resources
Bureau for Remediation and Redevelopment - RR/5
P.O. Box 7921
Madison, WI 53707
(608)267-7563
Internet E-Mail => Gary.Edelstein@wisconsin.gov

dnr.wi.gov
Facebook | Twitter | Flickr | YouTube | RSS

From: Noel, Mike [mailto:Mike.Noel@tetratech.com]
Sent: Wednesday, August 06, 2014 3:53 PM
To: Edelstein, Gary A - DNR
Cc: Nelson Olavarria; Lori Rich (lrich@cityofripon.com); McKnight, Kevin - DNR
Subject: FF/NN Landfill

Gary,
Attached are the results from sampling the Gaastra private drinking water well. Vinyl chloride was detected at 0.3 ug/L.
We are working with the City to hook up the Gaastra home to city water.
Mike

Michael R. Noel | [illegible]
[illegible] | Mobile 262 [illegible]
mike.noel@tetratech.com

Tetra Tech, Inc.
175 N Corporate Drive, [illegible] WI 53045 | www.tetratech.com

ANALYTICAL RESULTS: VOC's by EPA 524.2, Rev 4.1 - Water - Extended (Saturn 3)
Customer: Pace Analytical Services Inc (GB) **NLS Project: 223480**
Project Description: 40100100
Project Title: 117-2202040.20 Ripon FF/NN Lan **Template: SAT3PACE** **Printed: 08/05/2014 15:18**

Sample: 805114 Gaastra Collected: 07/17/14 Analyzed: 08/01/14 - Analytes: 66

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ANALYTICAL RESULTS: VOC's by EPA 524.2, Rev 4.1 - Water - Extended (Saturn 3)
Customer: Pace Analytical Services Inc (GB) **NLS Project: 223480**
Project Description: 40100100
Project Title: 117-2202040.20 Ripon FF/NN Lan **Template: SAT3PACE** **Printed: 08/05/2014 15:18**

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