



# CITY OF RIPON

100 Jackson Street • Ripon, Wisconsin 54971-1396

March 22, 2011

Mr. Brian and Ms. Kristine Perry  
W14298 Charles Street  
Ripon, WI 54971

RE: Water Supply Well Sample Results for W14298 Charles St Property, Ripon, WI

Dear Mr. Perry and Ms. Watkins:

Pursuant to the Wisconsin Department of Natural Resources' (WDNR) requirement, Jack Wendler from the City of Ripon collected a water sample from your water supply well on January 28, 2011 for volatile organic compound (VOC) analysis. I am happy to report that no VOCs were detected.

If you have any further questions concerning the enclosed information, please contact me at 920-748-4918 or Gary Edelstein with the WDNR at 608-267-7563. Your cooperation in this matter is greatly appreciated.

Sincerely,

Lori Rich  
Interim City Administrator  
City of Ripon

Encl.

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

RECEIVED

MAR 24 2011

Remediation &  
Redevelopment

## 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.

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

Page 1 of 4

Customer: Pace Analytical Services Inc (GB) NLS Project: 157859

Project Description: 117-2202040.05 FF/NN Landfill

Project Title: 4042127

Template: SAT3PACE Printed: 02/08/2011 08:16

Sample: 599358 4042127001 Collected: 01/28/11 Analyzed: 02/07/11 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL	Note
Benzene	ND	ug/L	1	0.12	0.39		
Bromobenzene	ND	ug/L	1	0.21	0.70		
Bromochloromethane	ND	ug/L	1	0.17	0.56		
Bromodichloromethane	ND	ug/L	1	0.21	0.70		
Bromoform	ND	ug/L	1	0.33	1.1		
Bromomethane	ND	ug/L	1	0.26	0.87		
n-Butylbenzene	ND	ug/L	1	0.16	0.53		
sec-Butylbenzene	ND	ug/L	1	0.13	0.45		
tert-Butylbenzene	ND	ug/L	1	0.13	0.44		
Carbon Tetrachloride	ND	ug/L	1	0.19	0.63		
Chlorobenzene	ND	ug/L	1	0.13	0.42		
Chloroethane	ND	ug/L	1	1.0	3.4		
Chloroform	ND	ug/L	1	0.11	0.37		
Chloromethane	ND	ug/L	1	0.16	0.54		
2-Chlorotoluene	ND	ug/L	1	0.15	0.50		
4-Chlorotoluene	ND	ug/L	1	0.11	0.38		
Dibromochloromethane	ND	ug/L	1	0.27	0.91		
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.44	1.5		
1,2-Dibromoethane	ND	ug/L	1	0.29	0.98		
Dibromomethane	ND	ug/L	1	0.24	0.79		
1,2-Dichlorobenzene	ND	ug/L	1	0.17	0.58		
1,3-Dichlorobenzene	ND	ug/L	1	0.11	0.38		
1,4-Dichlorobenzene	ND	ug/L	1	0.12	0.39		
Dichlorodifluoromethane	ND	ug/L	1	0.11	0.42		
1,1-Dichloroethane	ND	ug/L	1	0.14	0.55		
1,2-Dichloroethane	ND	ug/L	1	0.16	0.54		
1,1-Dichloroethene	ND	ug/L	1	0.11	0.37		
cis-1,2-Dichloroethene	ND	ug/L	1	0.13	0.47		
trans-1,2-Dichloroethene	ND	ug/L	1	0.11	0.38		
1,2-Dichloropropane	ND	ug/L	1	0.16	0.53		
1,3-Dichloropropane	ND	ug/L	1	0.26	0.86		
2,2-Dichloropropane	ND	ug/L	1	0.13	0.42		
1,1-Dichloropropene	ND	ug/L	1	0.11	0.37		
cis-1,3-Dichloropropene	ND	ug/L	1	0.23	0.77		
trans-1,3-Dichloropropene	ND	ug/L	1	0.17	0.56		
Ethylbenzene	ND	ug/L	1	0.11	0.42		
Hexachlorobutadiene	ND	ug/L	1	0.17	0.57		
Isopropylbenzene	ND	ug/L	1	0.14	0.53		
p-Isopropyltoluene	ND	ug/L	1	0.12	0.38		
Methylene chloride	ND	ug/L	1	0.34	1.1		
Naphthalene	ND	ug/L	1	0.44	1.5		
n-Propylbenzene	ND	ug/L	1	0.13	0.42		
ortho-Xylene	ND	ug/L	1	0.11	0.38		
Styrene	ND	ug/L	1	0.14	0.46		
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.18	0.61		
1,1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.33	1.1		
Tetrachloroethene	ND	ug/L	1	0.10	0.34		
Toluene	ND	ug/L	1	0.11	0.43		
1,2,3-Trichlorobenzene	ND	ug/L	1	0.45	1.5		
1,2,4-Trichlorobenzene	ND	ug/L	1	0.36	1.2		
1,1,1-Trichloroethane	ND	ug/L	1	0.12	0.43		
1,1,2-Trichloroethane	ND	ug/L	1	0.28	0.94		
Trichloroethene	ND	ug/L	1	0.12	0.41		

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

Customer: Pace Analytical Services Inc (GB) NLS Project: 157859

Project Description: 117-2202040.05 FF/NN Landfill

Project Title: 4042127

Template: SAT3PACE Printed: 02/08/2011 08:16

Sample: 599358 4042127001 Collected: 01/28/11 Analyzed: 02/07/11 -

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL	Note
Trichlorofluoromethane	ND	ug/L	1	0.12	0.39		
1,2,3-Trichloropropane	ND	ug/L	1	0.46	1.5		
1,2,4-Trimethylbenzene	ND	ug/L	1	0.10	0.37		
1,3,5-Trimethylbenzene	ND	ug/L	1	0.15	0.49		
Vinyl chloride	ND	ug/L	1	0.13	0.42		
meta,para-Xylene	ND	ug/L	1	0.21	0.71		
MTBE	ND	ug/L	1	0.32	1.1		
Acetone	ND	ug/L	1	3.6	12		
Carbon disulfide	ND	ug/L	1	0.14	0.54		
Vinyl Acetate	ND	ug/L	1	0.50	1.7		
Methyl ethyl ketone	ND	ug/L	1	0.88	2.9		
4-Methyl-2-Pentanone	ND	ug/L	1	0.82	2.7		
2-Hexanone	ND	ug/L	1	0.84	2.8		
4-Bromofluorobenzene (SURR)	102%						S
1,2-Dichlorobenzene - d4 (SURR)	108%						S

**NOTES APPLICABLE TO THIS ANALYSIS:**

S = This compound is a surrogate used to evaluate the quality control of a method.



# CITY OF RIPON

100 Jackson Street • Ripon, Wisconsin 54971-1396

March 22, 2011

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 GeoTrans collected a water sample from your water supply well on January 26, 2011 for volatile organic compound (VOC) analysis. I am happy to report that no VOCs were detected.

If you have any further questions concerning the enclosed information, please contact me at 920-748-4918 or Gary Edelstein with the WDNR at 608-267-7563. Your cooperation in this matter is greatly appreciated.

Sincerely,

Lori Rich  
Interim City Administrator  
City of Ripon

Encl.

cc: Gary Edelstein, Wisconsin DNR  
Liz Heinen, Wisconsin DNR  
Christine Lilek, Wisconsin DNR  
Gloria Smedema, Fond du Lac County Health Dept.  
Kevin Lincicum, 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.

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

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Customer: Pace Analytical Services Inc (GB) NLS Project: 157789

Project Description: 4042067

Project Title: FF/NN Landfill 117-2202040.05

Template: SAT3PACE Printed: 02/04/2011 07:59

Sample: 599191 Gaastra Collected: 01/26/11 Analyzed: 02/03/11

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL	Note
Benzene	ND	ug/L	1	0.12	0.39		
Bromobenzene	ND	ug/L	1	0.21	0.70		
Bromochloromethane	ND	ug/L	1	0.17	0.56		
Bromodichloromethane	ND	ug/L	1	0.21	0.70		
Bromoform	ND	ug/L	1	0.33	1.1		
Bromomethane	ND	ug/L	1	0.26	0.87		
n-Butylbenzene	ND	ug/L	1	0.16	0.53		
sec-Butylbenzene	ND	ug/L	1	0.13	0.45		
tert-Butylbenzene	ND	ug/L	1	0.13	0.44		
Carbon Tetrachloride	ND	ug/L	1	0.19	0.63		
Chlorobenzene	ND	ug/L	1	0.13	0.42		
Chloroethane	ND	ug/L	1	1.0	3.4		
Chloroform	ND	ug/L	1	0.11	0.37		
Chloromethane	ND	ug/L	1	0.16	0.54		
2-Chlorotoluene	ND	ug/L	1	0.15	0.50		
4-Chlorotoluene	ND	ug/L	1	0.11	0.38		
Dibromochloromethane	ND	ug/L	1	0.27	0.91		
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.44	1.5		
1,2-Dibromoethane	ND	ug/L	1	0.29	0.98		
Dibromomethane	ND	ug/L	1	0.24	0.79		
1,2-Dichlorobenzene	ND	ug/L	1	0.17	0.58		
1,3-Dichlorobenzene	ND	ug/L	1	0.11	0.38		
1,4-Dichlorobenzene	ND	ug/L	1	0.12	0.39		
Dichlorodifluoromethane	ND	ug/L	1	0.11	0.42		
1,1-Dichloroethane	ND	ug/L	1	0.14	0.55		
1,2-Dichloroethane	ND	ug/L	1	0.16	0.54		
1,1-Dichloroethene	ND	ug/L	1	0.11	0.37		
cis-1,2-Dichloroethene	ND	ug/L	1	0.13	0.47		
trans-1,2-Dichloroethene	ND	ug/L	1	0.11	0.38		
1,2-Dichloropropane	ND	ug/L	1	0.16	0.53		
1,3-Dichloropropane	ND	ug/L	1	0.26	0.86		
2,2-Dichloropropane	ND	ug/L	1	0.13	0.42		
1,1-Dichloropropene	ND	ug/L	1	0.11	0.37		
cis-1,3-Dichloropropene	ND	ug/L	1	0.23	0.77		
trans-1,3-Dichloropropene	ND	ug/L	1	0.17	0.56		
Ethylbenzene	ND	ug/L	1	0.11	0.42		
Hexachlorobutadiene	ND	ug/L	1	0.17	0.57		
Isopropylbenzene	ND	ug/L	1	0.14	0.53		
p-Isopropyltoluene	ND	ug/L	1	0.12	0.38		
Methylene chloride	ND	ug/L	1	0.34	1.1		
Naphthalene	ND	ug/L	1	0.44	1.5		
n-Propylbenzene	ND	ug/L	1	0.13	0.42		
ortho-Xylene	ND	ug/L	1	0.11	0.38		
Styrene	ND	ug/L	1	0.14	0.46		
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.18	0.61		
1,1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.33	1.1		
Tetrachloroethene	ND	ug/L	1	0.10	0.34		
Toluene	ND	ug/L	1	0.11	0.43		
1,2,3-Trichlorobenzene	ND	ug/L	1	0.45	1.5		
1,2,4-Trichlorobenzene	ND	ug/L	1	0.36	1.2		
1,1,1-Trichloroethane	ND	ug/L	1	0.12	0.43		
1,1,2-Trichloroethane	ND	ug/L	1	0.28	0.94		
Trichloroethene	ND	ug/L	1	0.12	0.41		

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

Page 4 of 6

Customer: Pace Analytical Services Inc (GB) NLS Project: 157789

Project Description: 4042067

Project Title: FF/NN Landfill 117-2202040.05

Template: SAT3PACE Printed: 02/04/2011 07:59

Sample: 599191 Gaastra Collected: 01/26/11 Analyzed: 02/03/11

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL	Note
Trichlorofluoromethane	ND	ug/L	1	0.12	0.39		
1,2,3-Trichloropropane	ND	ug/L	1	0.46	1.5		
1,2,4-Trimethylbenzene	ND	ug/L	1	0.10	0.37		
1,3,5-Trimethylbenzene	ND	ug/L	1	0.15	0.49		
Vinyl chloride	ND	ug/L	1	0.13	0.42		
meta,para-Xylene	ND	ug/L	1	0.21	0.71		
MTBE	ND	ug/L	1	0.32	1.1		
Acetone	ND	ug/L	1	3.6	12		
Carbon disulfide	ND	ug/L	1	0.14	0.54		
Vinyl Acetate	ND	ug/L	1	0.50	1.7		
Methyl ethyl ketone	ND	ug/L	1	0.88	2.9		
4-Methyl-2-Pentanone	ND	ug/L	1	0.82	2.7		
2-Hexanone	ND	ug/L	1	0.84	2.8		
4-Bromofluorobenzene (SURR)	109%						S
1,2-Dichlorobenzene - d4 (SURR)	110%						S

## NOTES APPLICABLE TO THIS ANALYSIS:

S = This compound is a surrogate used to evaluate the quality control of a method.





# CITY OF RIPON

100 Jackson Street • Ripon, Wisconsin 54971-1396

March 22, 2011

Mr. and Mrs. Hubert Rohde  
N8745 S. Koro Rd  
Ripon, WI 54971

RE: Water Supply Well Sample Results for N8745 S. Koro Rd Property, Ripon, WI

Dear Mr. and Mrs. Rohde:

Pursuant to the Wisconsin Department of Natural Resources' (WDNR) requirement, Ashley Weimer from GeoTrans collected a water sample from your water supply well on January 26, 2011 for volatile organic compound (VOC) analysis. I am happy to report that no VOCs were detected.

If you have any further questions concerning the enclosed information, please contact me at 920-748-4918 or Gary Edelstein with the WDNR at 608-267-7563. Your cooperation in this matter is greatly appreciated.

Sincerely,

Lori Rich  
Interim City Administrator  
City of Ripon

Encl.

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

## LABORATORY ANALYTICAL REPORTS

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Sample: 599190 Rohde Collected: 01/26/11 Analyzed: 02/03/11

Template: SAT3PACE Printed: 02/04/2011 07:59

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL	Note
Benzene	ND	ug/L	1	0.12	0.39		
Bromobenzene	ND	ug/L	1	0.21	0.70		
Bromochloromethane	ND	ug/L	1	0.17	0.56		
Bromodichloromethane	ND	ug/L	1	0.21	0.70		
Bromoform	ND	ug/L	1	0.33	1.1		
Bromomethane	ND	ug/L	1	0.26	0.87		
n-Butylbenzene	ND	ug/L	1	0.16	0.53		
sec-Butylbenzene	ND	ug/L	1	0.13	0.45		
tert-Butylbenzene	ND	ug/L	1	0.13	0.44		
Carbon Tetrachloride	ND	ug/L	1	0.19	0.63		
Chlorobenzene	ND	ug/L	1	0.13	0.42		
Chloroethane	ND	ug/L	1	1.0	3.4		
Chloroform	ND	ug/L	1	0.11	0.37		
Chloromethane	ND	ug/L	1	0.16	0.54		
2-Chlorotoluene	ND	ug/L	1	0.15	0.50		
4-Chlorotoluene	ND	ug/L	1	0.11	0.38		
Dibromochloromethane	ND	ug/L	1	0.27	0.91		
1,2-Dibromo-3-Chloropropane	ND	ug/L	1	0.44	1.5		
1,2-Dibromoethane	ND	ug/L	1	0.29	0.98		
Dibromomethane	ND	ug/L	1	0.24	0.79		
1,2-Dichlorobenzene	ND	ug/L	1	0.17	0.58		
1,3-Dichlorobenzene	ND	ug/L	1	0.11	0.38		
1,4-Dichlorobenzene	ND	ug/L	1	0.12	0.39		
Dichlorodifluoromethane	ND	ug/L	1	0.11	0.42		
1,1-Dichloroethane	ND	ug/L	1	0.14	0.55		
1,2-Dichloroethane	ND	ug/L	1	0.16	0.54		
1,1-Dichloroethene	ND	ug/L	1	0.11	0.37		
cis-1,2-Dichloroethene	ND	ug/L	1	0.13	0.47		
trans-1,2-Dichloroethene	ND	ug/L	1	0.11	0.38		
1,2-Dichloropropane	ND	ug/L	1	0.16	0.53		
1,3-Dichloropropane	ND	ug/L	1	0.26	0.86		
2,2-Dichloropropane	ND	ug/L	1	0.13	0.42		
1,1-Dichloropropene	ND	ug/L	1	0.11	0.37		
cis-1,3-Dichloropropene	ND	ug/L	1	0.16	0.53		
trans-1,3-Dichloropropene	ND	ug/L	1	0.26	0.86		
Ethylbenzene	ND	ug/L	1	0.13	0.42		
Hexachlorobutadiene	ND	ug/L	1	0.11	0.37		
Isopropylbenzene	ND	ug/L	1	0.23	0.77		
p-Isopropyltoluene	ND	ug/L	1	0.17	0.56		
Methylene chloride	ND	ug/L	1	0.11	0.42		
Naphthalene	ND	ug/L	1	0.17	0.57		
n-Propylbenzene	ND	ug/L	1	0.14	0.53		
ortho-Xylene	ND	ug/L	1	0.12	0.38		
Styrene	ND	ug/L	1	0.34	1.1		
1,1,1,2-Tetrachloroethane	ND	ug/L	1	0.44	1.5		
1,1,2,2-Tetrachloroethane	ND	ug/L	1	0.13	0.42		
Tetrachloroethene	ND	ug/L	1	0.11	0.38		
Toluene	ND	ug/L	1	0.14	0.46		
1,2,3-Trichlorobenzene	ND	ug/L	1	0.18	0.61		
1,2,4-Trichlorobenzene	ND	ug/L	1	0.33	1.1		
1,1,1-Trichloroethane	ND	ug/L	1	0.10	0.34		
1,1,2-Trichloroethane	ND	ug/L	1	0.11	0.43		
Trichloroethene	ND	ug/L	1	0.45	1.5		
	ND	ug/L	1	0.36	1.2		
	ND	ug/L	1	0.12	0.43		
	ND	ug/L	1	0.28	0.94		
	ND	ug/L	1	0.12	0.41		

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

Customer: Pace Analytical Services Inc (GB)

NLS Project: 157789

Project Description: 4042067

Project Title: FF/NN Landfill 117-2202040.05

Template: SAT3PACE Printed: 02/04/2011 07:59

Sample: 599190 Rohde Collected: 01/26/11 Analyzed: 02/03/11

ANALYTE NAME	RESULT	UNITS	DIL	LOD	LOQ	MCL	Note
Trichlorofluoromethane	ND	ug/L	1	0.12	0.39		
1,2,3-Trichloropropane	ND	ug/L	1	0.46	1.5		
1,2,4-Trimethylbenzene	ND	ug/L	1	0.10	0.37		
1,3,5-Trimethylbenzene	ND	ug/L	1	0.15	0.49		
Vinyl chloride	ND	ug/L	1	0.13	0.42		
meta,para-Xylene	ND	ug/L	1	0.21	0.71		
MTBE	ND	ug/L	1	0.32	1.1		
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Carbon disulfide	ND	ug/L	1	0.14	0.54		
Vinyl Acetate	ND	ug/L	1	0.50	1.7		
Methyl ethyl ketone	ND	ug/L	1	0.88	2.9		
4-Methyl-2-Pentanone	ND	ug/L	1	0.82	2.7		S
2-Hexanone	ND	ug/L	1	0.84	2.8		S
4-Bromofluorobenzene (SURR)	103%						
1,2-Dichlorobenzene - d4 (SURR)	107%						

**NOTES APPLICABLE TO THIS ANALYSIS:**

S = This compound is a surrogate used to evaluate the quality control of a method.