



Well 5  
VOC

**Laboratory Results**

**Client ID:** Village of Wauconda Water Department

**Report Date:** May 30, 2007

**Project Name:** Volatile Organic Compounds

**Lab Order:** 07050867

**Client Sample ID:** Well 5

**Matrix:** DRINKING WATER

**Lab ID:** 07050867-05A

**Date Received:** 05/17/2007 3:55 PM

**Collection Date:** 05/17/2007 11:30 AM

Parameter	Result	Qual.	Report Limit	MCL	Units	Dilution Factor	Date Analyzed	Batch ID
<b>VOLATILE ORGANIC COMPOUNDS (REGULATED)</b>			Method: EPA-524.2-Rev 4.1, 1995			Analyst: AFP		
Benzene	ND		0.500	5	µg/L	1	05/24/2007 10:49 AM	R61880
Carbon tetrachloride	ND		0.500	5	µg/L	1	05/24/2007 10:49 AM	R61880
Chlorobenzene	ND		0.500	100	µg/L	1	05/24/2007 10:49 AM	R61880
1,4-Dichlorobenzene	ND		0.500	75	µg/L	1	05/24/2007 10:49 AM	R61880
1,2-Dichlorobenzene	ND		0.500	600	µg/L	1	05/24/2007 10:49 AM	R61880
1,2-Dichloroethane	ND		0.500	5	µg/L	1	05/24/2007 10:49 AM	R61880
1,1-Dichloroethene	ND		0.500	7	µg/L	1	05/24/2007 10:49 AM	R61880
cis-1,2-Dichloroethene	ND		0.500	70	µg/L	1	05/24/2007 10:49 AM	R61880
trans-1,2-Dichloroethene	ND		0.500	100	µg/L	1	05/24/2007 10:49 AM	R61880
1,2-Dichloropropane	ND		0.500	5	µg/L	1	05/24/2007 10:49 AM	R61880
Ethylbenzene	ND		0.500	700	µg/L	1	05/24/2007 10:49 AM	R61880
Methylene chloride	ND		0.500	5	µg/L	1	05/24/2007 10:49 AM	R61880
Styrene	ND		0.500	100	µg/L	1	05/24/2007 10:49 AM	R61880
Tetrachloroethene	ND		0.500	5	µg/L	1	05/24/2007 10:49 AM	R61880
Toluene	ND		0.500	1000	µg/L	1	05/24/2007 10:49 AM	R61880
1,2,4-Trichlorobenzene	ND		0.500	70	µg/L	1	05/24/2007 10:49 AM	R61880
Trichloroethene	ND		0.500	5	µg/L	1	05/24/2007 10:49 AM	R61880
1,1,1-Trichloroethane	ND		0.500	200	µg/L	1	05/24/2007 10:49 AM	R61880
1,1,2-Trichloroethane	ND		0.500	5	µg/L	1	05/24/2007 10:49 AM	R61880
Vinyl chloride	ND		0.500	2	µg/L	1	05/24/2007 10:49 AM	R61880
Total Xylenes	ND		0.500	10000	µg/L	1	05/24/2007 10:49 AM	R61880
Surrogate: 1,2-Dichlorobenzene-d4	102		66.8 - 122		%REC	1	05/24/2007 10:49 AM	R61880
Surrogate: 4-Bromofluorobenzene	103		67.7 - 120		%REC	1	05/24/2007 10:49 AM	R61880
<b>VOLATILE ORGANIC COMPOUNDS (UNREGULATED)</b>			Method: EPA-524.2-Rev 4.1, 1995			Analyst: AFP		
Methyl tert-butyl ether	ND		0.500		µg/L	1	05/24/2007 10:49 AM	R61880
Surrogate: 1,2-Dichlorobenzene-d4	102		41.2 - 119		%REC	1	05/24/2007 10:49 AM	R61880
Surrogate: 4-Bromofluorobenzene	103		47.1 - 118		%REC	1	05/24/2007 10:49 AM	R61880

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- c Analyte not included in SLI scope of accreditation
- G Refer to case narrative page for specific comments
- J Analyte detected below quantitation limit (QL)
- ND Not Detected at the SLI Reporting Limit
- B Analyte detected in the associated Method Blank
- E Estimated, analyte detected above quantitation range
- H Holding times for preparation or analysis exceeded
- NA Not Applicable
- Q Internal standard recovery is outside SLI in-house criteria (no method specific requirements exist)

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