



**Client ID:** Village of Wauconda Water Department  
**Project Name:** Volatile Organic Compounds

**Report Date:** July 29, 2009  
**Lab Order:** 09071218

**Client Sample ID:** WL20289 - Well 3

**Matrix:** DRINKING WATER

**Lab ID:** 09071218-01A      **Date Received:** 07/23/2009 3:20 PM

**Collection Date:** 07/22/2009 9:40 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: KS		
Benzene	ND		0.500	5	µg/L	1	07/24/2009 1:55 PM	R83056
Carbon tetrachloride	ND		0.500	5	µg/L	1	07/24/2009 1:55 PM	R83056
Chlorobenzene	ND		0.500	100	µg/L	1	07/24/2009 1:55 PM	R83056
1,4-Dichlorobenzene	ND		0.500	75	µg/L	1	07/24/2009 1:55 PM	R83056
1,2-Dichlorobenzene	ND		0.500	600	µg/L	1	07/24/2009 1:55 PM	R83056
1,2-Dichloroethane	ND		0.500	5	µg/L	1	07/24/2009 1:55 PM	R83056
1,1-Dichloroethene	ND		0.500	7	µg/L	1	07/24/2009 1:55 PM	R83056
cis-1,2-Dichloroethene	ND		0.500	70	µg/L	1	07/24/2009 1:55 PM	R83056
trans-1,2-Dichloroethene	ND		0.500	100	µg/L	1	07/24/2009 1:55 PM	R83056
1,2-Dichloropropane	ND		0.500	5	µg/L	1	07/24/2009 1:55 PM	R83056
Ethylbenzene	ND		0.500	700	µg/L	1	07/24/2009 1:55 PM	R83056
Methylene chloride	ND		0.500	5	µg/L	1	07/24/2009 1:55 PM	R83056
Styrene	ND		0.500	100	µg/L	1	07/24/2009 1:55 PM	R83056
Tetrachloroethene	ND		0.500	5	µg/L	1	07/24/2009 1:55 PM	R83056
Toluene	ND		0.500	1000	µg/L	1	07/24/2009 1:55 PM	R83056
1,2,4-Trichlorobenzene	ND		0.500	70	µg/L	1	07/24/2009 1:55 PM	R83056
Trichloroethene	ND		0.500	5	µg/L	1	07/24/2009 1:55 PM	R83056
1,1,1-Trichloroethane	ND		0.500	200	µg/L	1	07/24/2009 1:55 PM	R83056
1,1,2-Trichloroethane	ND		0.500	5	µg/L	1	07/24/2009 1:55 PM	R83056
Vinyl chloride	ND		0.500	2	µg/L	1	07/24/2009 1:55 PM	R83056
Total Xylenes	ND		0.500	10000	µg/L	1	07/24/2009 1:55 PM	R83056
Surrogate: 1,2-Dichlorobenzene-d4	97.2		66.8 - 122		%REC	1	07/24/2009 1:55 PM	R83056
Surrogate: 4-Bromofluorobenzene	102		67.7 - 120		%REC	1	07/24/2009 1:55 PM	R83056
<b>VOLATILE ORGANIC COMPOUNDS (UNREGULATED)</b>			Method: EPA-524.2-Rev 4.1, 1995			Analyst: KS		
Methyl tert-butyl ether	ND		0.500		µg/L	1	07/24/2009 1:55 PM	R83056

- 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
  - R RPD outside accepted recovery limits
  - 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)