

W5



**Suburban Laboratories, Inc.**

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**Laboratory Results**

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

**Report Date:** December 22, 2010

**Project Name:** Non-Compliance Volatile Organic Compounds

**Lab Order:** 1012469

**Client Sample ID:** WL00638

**Matrix:** DRINKING WATER

**Lab ID:** 1012469-003

**Date Received:** 12/09/2010 3:40 PM

**Collection Date:** 12/09/2010 10:45 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
<b>VOLATILE ORGANIC COMPOUNDS (REGULATED)</b>		Method: EPA-524.2-Rev 4.1, 1995			Analyst: ts			
Benzene	ND	5.00	0.500		µg/L	1	12/17/2010 1:53 PM	R8244
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	12/17/2010 1:53 PM	R8244
Chlorobenzene	ND	100	0.500		µg/L	1	12/17/2010 1:53 PM	R8244
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	12/17/2010 1:53 PM	R8244
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	12/17/2010 1:53 PM	R8244
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	12/17/2010 1:53 PM	R8244
1,1-Dichloroethane	ND	7.00	0.500		µg/L	1	12/17/2010 1:53 PM	R8244
cis-1,2-Dichloroethane	ND	70.0	0.500		µg/L	1	12/17/2010 1:53 PM	R8244
trans-1,2-Dichloroethane	ND	100	0.500		µg/L	1	12/17/2010 1:53 PM	R8244
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	12/17/2010 1:53 PM	R8244
Ethylbenzene	ND	700	0.500		µg/L	1	12/17/2010 1:53 PM	R8244
Methylene chloride	ND	5.00	0.500		µg/L	1	12/17/2010 1:53 PM	R8244
Styrene	ND	100	0.500		µg/L	1	12/17/2010 1:53 PM	R8244
Tetrachloroethene	ND	5.00	0.500		µg/L	1	12/17/2010 1:53 PM	R8244
Toluene	ND	1,000	0.500		µg/L	1	12/17/2010 1:53 PM	R8244
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	12/17/2010 1:53 PM	R8244
Trichloroethene	ND	5.00	0.500		µg/L	1	12/17/2010 1:53 PM	R8244
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	12/17/2010 1:53 PM	R8244
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	12/17/2010 1:53 PM	R8244
Vinyl chloride	ND	2.00	0.500		µg/L	1	12/17/2010 1:53 PM	R8244
Total Xylenes	ND	10,000	0.500		µg/L	1	12/17/2010 1:53 PM	R8244
Surr: 1,2-Dichlorobenzene-d4	106	0	66.8-122		%REC	1	12/17/2010 1:53 PM	R8244
Surr: 4-Bromofluorobenzene	96.4	0	67.7-120		%REC	1	12/17/2010 1:53 PM	R8244
<b>VOLATILE ORGANIC COMPOUNDS (UNREGULATED)</b>		Method: EPA-524.2-Rev 4.1, 1995			Analyst: ts			
Methyl tert-butyl ether	ND	0	0.500		µg/L	1	12/17/2010 1:53 PM	R8244

<b>Qualifiers:</b>	* / x	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	c	Analyte not in SLI scope of accreditation	E	Estimated, detected above quantitation range
	G	Refer to case narrative page for specific comments	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limit (QL)	N	Tentatively identified compounds
	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits