



Suburban Laboratories, Inc.

1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

Laboratory Results

This Report Done Every 3 years Just Completed

Client ID: Village of Elwood Drinking Water

Report Date: August 29, 2018

Project Name: Volatile Organic Compounds

Workorder: 1808I76

Client Sample ID: TP06

Matrix: DRINKING WATER

Lab ID: 1808I76-001

Date Received: 08/21/2018 4:25 PM

Collection Date: 08/21/2018 7:45 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
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VOLATILE ORGANIC COMPOUNDS (REGULATED)

Method: EPA-524.2-Rev R4.1

Analyst: mkl

Benzene	ND	5.00	0.500		µg/L	1	08/22/2018 11:30 AM	R99645
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	08/22/2018 11:30 AM	R99645
Chlorobenzene	ND	100	0.500		µg/L	1	08/22/2018 11:30 AM	R99645
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	08/22/2018 11:30 AM	R99645
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	08/22/2018 11:30 AM	R99645
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	08/22/2018 11:30 AM	R99645
1,1-Dichloroethane	ND	7.00	0.500		µg/L	1	08/22/2018 11:30 AM	R99645
cis-1,2-Dichloroethane	ND	70.0	0.500		µg/L	1	08/22/2018 11:30 AM	R99645
trans-1,2-Dichloroethane	ND	100	0.500		µg/L	1	08/22/2018 11:30 AM	R99645
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	08/22/2018 11:30 AM	R99645
Ethylbenzene	ND	700	0.500		µg/L	1	08/22/2018 11:30 AM	R99645
Methylene chloride	ND	5.00	0.500		µg/L	1	08/22/2018 11:30 AM	R99645
Styrene	ND	100	0.500		µg/L	1	08/22/2018 11:30 AM	R99645
Tetrachloroethene	ND	5.00	0.500		µg/L	1	08/22/2018 11:30 AM	R99645
Toluene	ND	1,000	0.500		µg/L	1	08/22/2018 11:30 AM	R99645
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	08/22/2018 11:30 AM	R99645
Trichloroethene	ND	5.00	0.500		µg/L	1	08/22/2018 11:30 AM	R99645
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	08/22/2018 11:30 AM	R99645
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	08/22/2018 11:30 AM	R99645
Vinyl chloride	ND	2.00	0.500		µg/L	1	08/22/2018 11:30 AM	R99645
Total Xylenes	ND	10,000	0.500		µg/L	1	08/22/2018 11:30 AM	R99645

Internal Quality Control Compounds

SS: 1,2-Dichlorobenzene-d4	104		70-130		%Rec	1	08/22/2018 11:30 AM	R99645
SS: 4-Bromofluorobenzene	101		70-130		%Rec	1	08/22/2018 11:30 AM	R99645

VOLATILE ORGANIC COMPOUNDS (UNREGULATED)

Method: EPA-524.2-Rev 4.1, 1995

Analyst: mkl

Methyl tert-butyl ether	ND		0.500		µg/L	1	08/22/2018 11:30 AM	R99645
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Internal Quality Control Compounds

SS: 1,2-Dichlorobenzene-d4	104		70-130		%Rec	1	08/22/2018 11:30 AM	R99645
SS: 4-Bromofluorobenzene	101		70-130		%Rec	1	08/22/2018 11:30 AM	R99645



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Laboratory Results

Client ID: Village of Elwood Drinking Water

Report Date: August 31, 2018

Project Name: Inorganic Compounds

Workorder: 1808170

Client Sample ID: TP06

Matrix: DRINKING WATER

Lab ID: 1808170-001

Date Received: 08/21/2018 4:25 PM

Collection Date: 08/21/2018 7:40 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICP		Method: EPA-200.7-Rev 4.4, 1994			Analyst: src			
Iron	ND	1,000	50.0		µg/L	1	08/24/2018 11:59 AM	54369
Sodium	183,000		300		µg/L	1	08/24/2018 11:59 AM	54369
METALS BY ICPMS		Method: EPA-200.8-Rev 5.4, 1994			Analyst: mjs			
Antimony	ND	6.00	2.00		µg/L	1	08/24/2018 6:37 PM	54369
Arsenic	ND	10.0	0.500		µg/L	1	08/24/2018 6:37 PM	54369
Barium	8.91	2,000	5.00		µg/L	1	08/24/2018 6:37 PM	54369
Beryllium	ND	4.00	1.00		µg/L	1	08/24/2018 6:37 PM	54369
Cadmium	ND	5.00	3.00		µg/L	1	08/24/2018 6:37 PM	54369
Chromium	ND	100	5.00		µg/L	1	08/24/2018 6:37 PM	54369
Manganese	ND	150	15.0		µg/L	1	08/24/2018 6:37 PM	54369
Mercury	ND	2.00	0.100		µg/L	1	08/24/2018 6:37 PM	54369
Nickel	ND	100	25.0		µg/L	1	08/24/2018 6:37 PM	54369
Selenium	ND	50.0	2.00		µg/L	1	08/24/2018 6:37 PM	54369
Thallium	ND	2.00	2.00		µg/L	1	08/24/2018 6:37 PM	54369
Zinc	ND	5,000	100		µg/L	1	08/24/2018 6:37 PM	54369
CYANIDE, TOTAL		Method: EPA-335.4-Rev 1.0			Analyst: mmh			
Cyanide	ND	0.20	0.010		mg/L	1	08/30/2018 6:35 PM	54501
FLUORIDE		Method: SM-4500F-C-Rev 18th Ed.			Analyst: CY			
Fluoride	1.12	4.00	0.05		mg/L	1	08/22/2018 4:32 PM	R99639
SULFATE		Method: ASTM-D516-11-Rev 2011			Analyst: RH			
Sulfate	149	250	10.0	c	mg/L	5	08/28/2018 3:28 PM	R99821



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Laboratory Results

Client ID: Village of Elwood Drinking Water

Report Date: August 29, 2018

Project Name: Nitrate, Nitrite

Workorder: 1808I72

Client Sample ID: TP06

Matrix: DRINKING WATER

Lab ID: 1808I72-001

Date Received: 08/21/2018 4:25 PM

Collection Date: 08/21/2018 7:35 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
NITRITE AS NO2-N			Method: SM-4500NO2-B-Rev 21st Ed., 2000			Analyst: RH		
Nitrogen, Nitrite	ND	1.00	0.020		mg/L	1	08/21/2018 6:49 PM	R99592
NITRATE AS NO3-N, CALCULATED			Method: EPA-353.2-Rev 2.0, August 1993			Analyst: RH		
Nitrate	ND	10.0	0.100		mg/L	1	08/24/2018 1:46 PM	R99724