

FOIA Request (Contamination Levels)

Bernice Brewer <bbrewer910@gmail.com>

Fri 6/17/2016 8:55 AM

To: Sherry Jasinski <sjasinski@saukvilleage.org>;

Under the Freedom of Information Act, I am seeking any/all documents that show the testing results for Well 1, 2 and 3 for the period Aug 2015 to present. Please include results for vinyl chloride and any other contaminants found in our drinking water.

Copy of the reports is requested. If you have questions or need clarification please call me 773 983 7137.

Your response can be sent to bbrewer910@gmail.com.

Bernice Brewer

*Kevin Weiler
16-6-17 #1*

Due June 24, 16



21801 Torrence Ave., Sauk Village, IL 60411 - Phone (708) 758-3330 - (708) 758-1634


Bernice Houston
Date: 6/22/2016

Re: FOIA REQUEST 16-6-17-1

Dear Bernice Brewer,

These are copies of the requested well # 3 data from 2015 to present. The rest of the data is on IEPA Water Watch web site.

Very sincerely,

Kevin Weller 
Director of Public Works

SUBURBAN LABORATORIES, Inc.



1950 S. Batavia Ave., Suite 150, Geneva, IL 60134
Tel (708) 544-3260 Toll Free (800) 783-5227
Fax (708) 544-8587
www.suburbanlabs.com

April 26, 2016

Dave Overocker
Sauk Village Water Department
21801 Torrence Avenue
Sauk Village, IL 60411

Work Order: 1604C89

TEL: (708) 758-3330
FAX: (708) 757-6627
RE: Volatile Organic Compounds

Dear Dave Overocker:

All data for the associated quality control (QC) met EPA, method, or internal laboratory specifications except where noted in the case narrative. If you are comparing these results to external QC specifications or compliance limits and have any questions, please contact us.

This final report of laboratory analysis consists of this cover letter, case narrative, analytical report, dates report, and any accompanying documentation including, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

If you have any questions regarding these test results, please call me at (708) 544-3260.

Sincerely,

Pat Rodriguez
Customer Service Manager
708-544-3260 ext. 214
pat@suburbanlabs.com

Illinois Department of Public Health #17585



Illinois EPA #100225 Wisconsin FID#:399089350

Rpt Ver: 4/26/2016 3:21 PM

SUBURBAN LABORATORIES, Inc.

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



Case Narrative

Client: Sauk Village Water

Project: Volatile Organic Compounds

Date: April 26, 2016

PO:

WorkOrder: 1604C89

QC Level: LEVEL I

Temperature of samples upon receipt at lab: 3 C

Chain of Custody: PP

General Comments:

- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated.
- For more information about the laboratories' scope of accreditation, please contact us at (708) 544-3260 or the Agency at (217) 782-6455.
- All water analyses that are required to be performed in the field (e.g., pH, residual chlorine, sulfite, temperature, etc.) but are analyzed in the lab are identified as "in lab" and are considered past holding time. Following industry practices these results do not contain an "H" flag but are qualified as being analyzed in the lab.

Abbreviations:

- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS (Surrogate Standard): Quality control compound added to the sample by the lab.

Method References:

For a complete list of method references please contact us.

- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Workorder Specific Comments:

Rpt Ver: 4/26/2016 3:21 PM

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: April 26, 2016

Project: Volatile Organic Compounds

Workorder: 1604C89

Client Sample ID: TP01

Matrix: Drinking Water

Lab ID: 1604C89-001

Date Received: 4/19/2016 16:30 PM

Collection Date: 4/19/2016 8:15 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID	
VOLATILE ORGANIC COMPOUNDS (Regulated)									
	Method: EPA-524.2-4.1, 1995						Analyst: rgb		
Benzene	ND	5.00	0.500		µg/L	1	4/22/2016 10:37 AM	R71220	
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	4/22/2016 10:37 AM	R71220	
Chlorobenzene	ND	100	0.500		µg/L	1	4/22/2016 10:37 AM	R71220	
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	4/22/2016 10:37 AM	R71220	
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	4/22/2016 10:37 AM	R71220	
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	4/22/2016 10:37 AM	R71220	
1,1-Dichloroethane	ND	7.00	0.500		µg/L	1	4/22/2016 10:37 AM	R71220	
cis-1,2-Dichloroethane	ND	70.0	0.500		µg/L	1	4/22/2016 10:37 AM	R71220	
trans-1,2-Dichloroethane	ND	100	0.500		µg/L	1	4/22/2016 10:37 AM	R71220	
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	4/22/2016 10:37 AM	R71220	
Ethylbenzene	ND	700	0.500		µg/L	1	4/22/2016 10:37 AM	R71220	
Methylene chloride	ND	5.00	0.500		µg/L	1	4/22/2016 10:37 AM	R71220	
Styrene	ND	100	0.500		µg/L	1	4/22/2016 10:37 AM	R71220	
Tetrachloroethene	ND	5.00	0.500		µg/L	1	4/22/2016 10:37 AM	R71220	
Toluene	ND	1,000	0.500		µg/L	1	4/22/2016 10:37 AM	R71220	
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	4/22/2016 10:37 AM	R71220	
Trichloroethene	ND	5.00	0.500		µg/L	1	4/22/2016 10:37 AM	R71220	
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	4/22/2016 10:37 AM	R71220	
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	4/22/2016 10:37 AM	R71220	
Vinyl chloride	ND	2.00	0.500		µg/L	1	4/22/2016 10:37 AM	R71220	
Total Xylenes	ND	10,000	0.500		µg/L	1	4/22/2016 10:37 AM	R71220	
Internal Quality Control Compounds									
Surr: 1,2-Dichlorobenzene-d4	75.8		70-130	%Rec		1	4/22/2016 10:37 AM	R71220	
Surr: 4-Bromofluorobenzene	79.6		70-130	%Rec		1	4/22/2016 10:37 AM	R71220	
VOLATILE ORGANIC COMPOUNDS (Unregulated)									
	Method: EPA-524.2-4.1, 1995						Analyst: rgb		
Methyl tert-butyl ether	ND		0.500		µg/L	1	4/22/2016 10:37 AM	R71220	

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: April 26, 2016

Project: Volatile Organic Compounds

Workorder: 1604C89

Client Sample ID: TP02

Matrix: Drinking Water

Lab ID: 1604C89-003

Date Received: 4/19/2016 16:30 PM

Collection Date: 4/19/2016 7:50 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID	
VOLATILE ORGANIC COMPOUNDS (Regulated)									
	Method: EPA-524.2-4.1, 1995						Analyst: rgb		
Benzene	ND	5.00	0.500		µg/L	1	4/22/2016 11:05 AM	R71220	
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	4/22/2016 11:05 AM	R71220	
Chlorobenzene	ND	100	0.500		µg/L	1	4/22/2016 11:05 AM	R71220	
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	4/22/2016 11:05 AM	R71220	
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	4/22/2016 11:05 AM	R71220	
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	4/22/2016 11:05 AM	R71220	
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	4/22/2016 11:05 AM	R71220	
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	4/22/2016 11:05 AM	R71220	
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	4/22/2016 11:05 AM	R71220	
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	4/22/2016 11:05 AM	R71220	
Ethylbenzene	ND	700	0.500		µg/L	1	4/22/2016 11:05 AM	R71220	
Methylene chloride	ND	5.00	0.500		µg/L	1	4/22/2016 11:05 AM	R71220	
Styrene	ND	100	0.500		µg/L	1	4/22/2016 11:05 AM	R71220	
Tetrachloroethene	ND	5.00	0.500		µg/L	1	4/22/2016 11:05 AM	R71220	
Toluene	ND	1,000	0.500		µg/L	1	4/22/2016 11:05 AM	R71220	
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	4/22/2016 11:05 AM	R71220	
Trichloroethene	ND	5.00	0.500		µg/L	1	4/22/2016 11:05 AM	R71220	
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	4/22/2016 11:05 AM	R71220	
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	4/22/2016 11:05 AM	R71220	
Vinyl chloride	ND	2.00	0.500		µg/L	1	4/22/2016 11:05 AM	R71220	
Total Xylenes	ND	10,000	0.500		µg/L	1	4/22/2016 11:05 AM	R71220	
<u>Internal Quality Control Compounds</u>									
Surr: 1,2-Dichlorobenzene-d4	78.2		70-130		%Rec	1	4/22/2016 11:05 AM	R71220	
Surr: 4-Bromofluorobenzene	81.6		70-130		%Rec	1	4/22/2016 11:05 AM	R71220	
VOLATILE ORGANIC COMPOUNDS (Unregulated)									
	Method: EPA-524.2-4.1, 1995						Analyst: rgb		
Methyl tert-butyl ether	ND		0.500		µg/L	1	4/22/2016 11:05 AM	R71220	



Qualifier Definitions

Report Date: April 26, 2016

WorkOrder: 1604C89

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- c Analyte not in SLI scope of accreditation
- C Value is below Minimum Concentration Limit
- 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 compound
- ND Not Detected at the Reporting Limit
- P Present
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- W Sample container temperature is out of limit as specified at testcode



Suburban Laboratories, Inc.
 1960 S. Batavia Ave., Suite 150, Geneva, Illinois 60134
 Tel. (708) 544-3260 Toll Free (800) 783-LABS Fax (708) 544-8587
 www.suburbanlabs.com



IEPA #100225 IDPH #17585

Chain of Custody for Drinking Water Compliance Testing

Report To:
 Dave Overocker
 Sauk Village Water Department
 21801 Torrence Avenue
 Sauk Village, IL 60411

Phone: (708) 758-3330
 Project ID: 0312790 - VOC
 Collection Month: April 2016

Collected By: Dave Overocker/Erin Cook

IMPORTANT: Verify Sampling dates and sampling sites with IEPA Demand Notice

Workorder Lab Use Only

Sample Point	# Bott	Analysis	Date Collect	Time Collect	Lab Sample Number
TP01 TRTMT PLANT WELLS 1 AND 2	2	524_UNRE 524 G	4-19-16	8:15	1604C89-1A
TP02 TP02 - WELL 3	2	524_UNRE 524 G	4-19-16	7:50	-3A
TRIP BLANK LAB PREPARED	1				-2A, 4A

Relinquished By: [Signature] Date/Time 4-19-16
 Received By: [Signature] Date/Time 4-19-16 16:30

Lab Use Only
 Received on Ice: Yes / No
 Received Temperature: 3 °C
 Received By: SK
 Date Received: 4-19-16 Time Received: 16:30
 Lab Delivery: Client UPS FedEx Mail Other

Please provide any contact or address changes as needed.



January 22, 2016

Dave Overocker
Sauk Village Water Department
21801 Torrence Avenue
Sauk Village, IL 60411

Work Order: 1601969

TEL: (708) 758-3330
FAX: (708) 757-6627
RE: Volatile Organic Compounds

Dear Dave Overocker:

All data for the associated quality control (QC) met EPA, method, or internal laboratory specifications except where noted in the case narrative. If you are comparing these results to external QC specifications or compliance limits and have any questions, please contact us.

This final report of laboratory analysis consists of this cover letter, case narrative, analytical report, dates report, and any accompanying documentation including, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

If you have any questions regarding these test results, please call me at (708) 544-3260.

Sincerely,

Pat Rodriguez
Customer Service Manager
708-544-3260 ext. 214
pat@suburbanlabs.com



SUBURBAN LABORATORIES, Inc.

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



Case Narrative

Client: Sauk Village Water

Date: January 22, 2016

Project: Volatile Organic Compounds

PO:

WorkOrder: 1601969

QC Level: LEVEL I

Temperature of samples upon receipt at lab: 6 C

Chain of Custody: PP

General Comments:

- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated.
- For more information about the laboratories' scope of accreditation, please contact us at (708) 544-3260 or the Agency at (217) 782-6455.
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- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS (Surrogate Standard): Quality control compound added to the sample by the lab.

Method References:

For a complete list of method references please contact us.

- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Workorder Specific Comments:

Rpt Ver: 1/22/2016 1:57 PM

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: January 22, 2016

Project: Volatile Organic Compounds

Workorder: 1601969

Client Sample ID: TP01

Matrix: Drinking Water

Lab ID: 1601969-001

Date Received: 1/19/2016 16:00 PM

Collection Date: 1/19/2016 10:40 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995	Analyst: rgb				
Benzene	ND	5.00	0.500		µg/L	1	1/21/2016 1:01 PM	R68200
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	1/21/2016 1:01 PM	R68200
Chlorobenzene	ND	100	0.500		µg/L	1	1/21/2016 1:01 PM	R68200
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	1/21/2016 1:01 PM	R68200
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	1/21/2016 1:01 PM	R68200
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	1/21/2016 1:01 PM	R68200
1,1-Dichloroethane	ND	7.00	0.500		µg/L	1	1/21/2016 1:01 PM	R68200
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	1/21/2016 1:01 PM	R68200
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	1/21/2016 1:01 PM	R68200
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	1/21/2016 1:01 PM	R68200
Ethylbenzene	ND	700	0.500		µg/L	1	1/21/2016 1:01 PM	R68200
Methylene chloride	ND	5.00	0.500		µg/L	1	1/21/2016 1:01 PM	R68200
Styrene	ND	100	0.500		µg/L	1	1/21/2016 1:01 PM	R68200
Tetrachloroethene	ND	5.00	0.500		µg/L	1	1/21/2016 1:01 PM	R68200
Toluene	ND	1,000	0.500		µg/L	1	1/21/2016 1:01 PM	R68200
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	1/21/2016 1:01 PM	R68200
Trichloroethene	ND	5.00	0.500		µg/L	1	1/21/2016 1:01 PM	R68200
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	1/21/2016 1:01 PM	R68200
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	1/21/2016 1:01 PM	R68200
Vinyl chloride	ND	2.00	0.500		µg/L	1	1/21/2016 1:01 PM	R68200
Total Xylenes	ND	10,000	0.500		µg/L	1	1/21/2016 1:01 PM	R68200
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	102		70-130		%REC	1	1/21/2016 1:01 PM	R68200
Surr: 4-Bromofluorobenzene	99.8		70-130		%REC	1	1/21/2016 1:01 PM	R68200
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995	Analyst: rgb				
Methyl tert-butyl ether	ND		0.500		µg/L	1	1/21/2016 1:01 PM	R68200

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: January 22, 2016

Project: Volatile Organic Compounds

Workorder: 1601969

Client Sample ID: TP01 TRIP BLANK

Matrix: Deionized Water

Lab ID: 1601969-002

Date Received: 1/19/2016 16:00 PM

Collection Date: 1/19/2016 0:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID	
VOLATILE ORGANIC COMPOUNDS (Regulated)		Method: EPA-524.2-4.1, 1995			Analyst: rgb				
Benzene	ND	5.00	0.500		µg/L	1	1/21/2016 4:01 PM	R68200	
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	1/21/2016 4:01 PM	R68200	
Chlorobenzene	ND	100	0.500		µg/L	1	1/21/2016 4:01 PM	R68200	
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	1/21/2016 4:01 PM	R68200	
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	1/21/2016 4:01 PM	R68200	
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	1/21/2016 4:01 PM	R68200	
1,1-Dichloroethane	ND	7.00	0.500		µg/L	1	1/21/2016 4:01 PM	R68200	
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	1/21/2016 4:01 PM	R68200	
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	1/21/2016 4:01 PM	R68200	
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	1/21/2016 4:01 PM	R68200	
Ethylbenzene	ND	700	0.500		µg/L	1	1/21/2016 4:01 PM	R68200	
Methylene chloride	0.510	5.00	0.500		µg/L	1	1/21/2016 4:01 PM	R68200	
Styrene	ND	100	0.500		µg/L	1	1/21/2016 4:01 PM	R68200	
Tetrachloroethene	ND	5.00	0.500		µg/L	1	1/21/2016 4:01 PM	R68200	
Toluene	ND	1,000	0.500		µg/L	1	1/21/2016 4:01 PM	R68200	
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	1/21/2016 4:01 PM	R68200	
Trichloroethene	ND	5.00	0.500		µg/L	1	1/21/2016 4:01 PM	R68200	
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	1/21/2016 4:01 PM	R68200	
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	1/21/2016 4:01 PM	R68200	
Vinyl chloride	ND	2.00	0.500		µg/L	1	1/21/2016 4:01 PM	R68200	
Total Xylenes	ND	10,000	0.500		µg/L	1	1/21/2016 4:01 PM	R68200	
Internal Quality Control Compounds									
Surr: 1,2-Dichlorobenzene-d4	103		70-130		%REC	1	1/21/2016 4:01 PM	R68200	
Surr: 4-Bromofluorobenzene	103		70-130		%REC	1	1/21/2016 4:01 PM	R68200	
VOLATILE ORGANIC COMPOUNDS (Unregulated)		Method: EPA-524.2-4.1, 1995			Analyst: rgb				
Methyl tert-butyl ether	ND		0.500		µg/L	1	1/21/2016 4:01 PM	R68200	

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department	Report Date: January 22, 2016
Project: Volatile Organic Compounds	Workorder: 1601969
Client Sample ID: TP02	Matrix: Drinking Water
Lab ID: 1601969-003	Date Received: 1/19/2016 16:00 PM
	Collection Date: 1/19/2016 8:06 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: rgb		
Benzene	ND	5.00	0.500		µg/L	1	1/21/2016 1:29 PM	R68200
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	1/21/2016 1:29 PM	R68200
Chlorobenzene	ND	100	0.500		µg/L	1	1/21/2016 1:29 PM	R68200
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	1/21/2016 1:29 PM	R68200
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	1/21/2016 1:29 PM	R68200
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	1/21/2016 1:29 PM	R68200
1,1-Dichloroethane	ND	7.00	0.500		µg/L	1	1/21/2016 1:29 PM	R68200
cis-1,2-Dichloroethane	ND	70.0	0.500		µg/L	1	1/21/2016 1:29 PM	R68200
trans-1,2-Dichloroethane	ND	100	0.500		µg/L	1	1/21/2016 1:29 PM	R68200
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	1/21/2016 1:29 PM	R68200
Ethylbenzene	ND	700	0.500		µg/L	1	1/21/2016 1:29 PM	R68200
Methylene chloride	ND	5.00	0.500		µg/L	1	1/21/2016 1:29 PM	R68200
Styrene	ND	100	0.500		µg/L	1	1/21/2016 1:29 PM	R68200
Tetrachloroethene	ND	5.00	0.500		µg/L	1	1/21/2016 1:29 PM	R68200
Toluene	ND	1,000	0.500		µg/L	1	1/21/2016 1:29 PM	R68200
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	1/21/2016 1:29 PM	R68200
Trichloroethene	ND	5.00	0.500		µg/L	1	1/21/2016 1:29 PM	R68200
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	1/21/2016 1:29 PM	R68200
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	1/21/2016 1:29 PM	R68200
Vinyl chloride	ND	2.00	0.500		µg/L	1	1/21/2016 1:29 PM	R68200
Total Xylenes	ND	10,000	0.500		µg/L	1	1/21/2016 1:29 PM	R68200
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	101		70-130		%REC	1	1/21/2016 1:29 PM	R68200
Surr: 4-Bromofluorobenzene	99.0		70-130		%REC	1	1/21/2016 1:29 PM	R68200
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: rgb		
Methyl tert-butyl ether	ND		0.500		µg/L	1	1/21/2016 1:29 PM	R68200

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: January 22, 2016

Project: Volatile Organic Compounds

Workorder: 1601969

Client Sample ID: TP02 TRIP BLANK

Matrix: Deionized Water

Lab ID: 1601969-004

Date Received: 1/19/2016 16:00 PM

Collection Date: 1/19/2016 0:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID	
VOLATILE ORGANIC COMPOUNDS (Regulated)		Method: EPA-524.2-4.1, 1995			Analyst: rgb				
Benzene	ND	5.00	0.500		µg/L	1	1/21/2016 4:29 PM	R68200	
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	1/21/2016 4:29 PM	R68200	
Chlorobenzene	ND	100	0.500		µg/L	1	1/21/2016 4:29 PM	R68200	
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	1/21/2016 4:29 PM	R68200	
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	1/21/2016 4:29 PM	R68200	
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	1/21/2016 4:29 PM	R68200	
1,1-Dichloroethane	ND	7.00	0.500		µg/L	1	1/21/2016 4:29 PM	R68200	
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	1/21/2016 4:29 PM	R68200	
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	1/21/2016 4:29 PM	R68200	
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	1/21/2016 4:29 PM	R68200	
Ethylbenzene	ND	700	0.500		µg/L	1	1/21/2016 4:29 PM	R68200	
Methylene chloride	0.620	5.00	0.500		µg/L	1	1/21/2016 4:29 PM	R68200	
Styrene	ND	100	0.500		µg/L	1	1/21/2016 4:29 PM	R68200	
Tetrachloroethene	ND	5.00	0.500		µg/L	1	1/21/2016 4:29 PM	R68200	
Toluene	ND	1,000	0.500		µg/L	1	1/21/2016 4:29 PM	R68200	
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	1/21/2016 4:29 PM	R68200	
Trichloroethene	ND	5.00	0.500		µg/L	1	1/21/2016 4:29 PM	R68200	
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	1/21/2016 4:29 PM	R68200	
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	1/21/2016 4:29 PM	R68200	
Vinyl chloride	ND	2.00	0.500		µg/L	1	1/21/2016 4:29 PM	R68200	
Total Xylenes	ND	10,000	0.500		µg/L	1	1/21/2016 4:29 PM	R68200	
Internal Quality Control Compounds									
Surr: 1,2-Dichlorobenzene-d4	100		70-130		%REC	1	1/21/2016 4:29 PM	R68200	
Surr: 4-Bromofluorobenzene	102		70-130		%REC	1	1/21/2016 4:29 PM	R68200	
VOLATILE ORGANIC COMPOUNDS (Unregulated)		Method: EPA-524.2-4.1, 1995			Analyst: rgb				
Methyl tert-butyl ether	ND		0.500		µg/L	1	1/21/2016 4:29 PM	R68200	



Qualifier Definitions

Report Date: January 22, 2016

WorkOrder: 1601969

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- c Analyte not in SLI scope of accreditation
- C Value is below Minimum Concentration Limit
- 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 compound
- ND Not Detected at the Reporting Limit
- P Present
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- W Sample container temperature is out of limit as specified at testcode



Suburban Laboratories, Inc.

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www.suburbanlabs.com



IEPA #100225 IDPH #17585

Chain of Custody for Drinking Water Compliance Testing

Report To:
Dave Overocker
Sauk Village Water Department
21801 Torrence Avenue
Sauk Village, IL 60411

Phone: (708) 758-3330
Project ID: 0312790 - VOC
Collection Month: January 2016

Collected By: David Overocker

IMPORTANT: Verify Sampling dates and sampling sites with IEPA Demand Notice

Workorder Lab Use Only
1601969
Lab Sample Number

Table with columns: Sample Point, # Bott, Analysis, Date Collect, Time Collect, Lab Sample Number. Rows include TP01 TRTMT PLANT WELLS 1 AND 2, TP02 TP02 - WELL 3, and TRIP BLANK LAB PREPARED.

Relinquished By: [Signature] Date/Time 1-19-16 11:00
Received By: [Signature] Date/Time 1-19-16 16:00

Lab Use Only
Received on Ice: Yes / No
Received Temperature: 6 C
Received By: SK
Date Received: 1-19-16 Time Received: 16:00
Lab Delivery: [X] Client UPS FedEx Mail Other

Please provide any contact or address changes as needed.



October 31, 2015

Dave Overocker
Sauk Village Water Department
21801 Torrence Avenue
Sauk Village, IL 60411

Work Order: 1510G11

TEL: (708) 758-3330
FAX: (708) 757-6627
RE: Volatile Organic Compounds

Dear Dave Overocker:

All data for the associated quality control (QC) met EPA, method, or internal laboratory specifications except where noted in the case narrative. If you are comparing these results to external QC specifications or compliance limits and have any questions, please contact us.

This final report of laboratory analysis consists of this cover letter, case narrative, analytical report, dates report, and any accompanying documentation including, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

If you have any questions regarding these test results, please call me at (708) 544-3260.

Sincerely,

Pat Rodriguez
Customer Service Manager
708-544-3260 ext. 214
pat@suburbanlabs.com



SUBURBAN LABORATORIES, Inc.

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



Case Narrative

Client: Sauk Village Water

Date: October 31, 2015

Project: Volatile Organic Compounds

PO:

WorkOrder: 1510G11

QC Level: LEVEL I

Temperature of samples upon receipt at lab: 3 C

Chain of Custody: PP

General Comments:

- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated.
- For more information about the laboratories' scope of accreditation, please contact us at (708) 544-3260 or the Agency at (217) 782-6455.
- All water analyses that are required to be performed in the field (e.g., pH, residual chlorine, sulfite, temperature, etc.) but are analyzed in the lab are identified as "in lab" and are considered past holding time. Following industry practices these results do not contain an "H" flag but are qualified as being analyzed in the lab.

Abbreviations:

- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS (Surrogate Standard): Quality control compound added to the sample by the lab.

Method References:

For a complete list of method references please contact us.

- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Workorder Specific Comments:

Rpt Ver: 10/31/2015 3:25 AM

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: October 31, 2015

Project: Volatile Organic Compounds

Workorder: 1510G11

Client Sample ID: TP01

Matrix: Drinking Water

Lab ID: 1510G11-001

Date Received: 10/20/2015 15:50 PM

Collection Date: 10/20/2015 9:20 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995				Analyst: rgb	
Benzene	ND	5.00	0.500		µg/L	1	10/23/2015 1:26 PM	R65502
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	10/23/2015 1:26 PM	R65502
Chlorobenzene	ND	100	0.500		µg/L	1	10/23/2015 1:26 PM	R65502
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	10/23/2015 1:26 PM	R65502
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	10/23/2015 1:26 PM	R65502
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	10/23/2015 1:26 PM	R65502
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	10/23/2015 1:26 PM	R65502
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	10/23/2015 1:26 PM	R65502
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	10/23/2015 1:26 PM	R65502
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	10/23/2015 1:26 PM	R65502
Ethylbenzene	ND	700	0.500		µg/L	1	10/23/2015 1:26 PM	R65502
Methylene chloride	ND	5.00	0.500		µg/L	1	10/23/2015 1:26 PM	R65502
Styrene	ND	100	0.500		µg/L	1	10/23/2015 1:26 PM	R65502
Tetrachloroethene	ND	5.00	0.500		µg/L	1	10/23/2015 1:26 PM	R65502
Toluene	ND	1,000	0.500		µg/L	1	10/23/2015 1:26 PM	R65502
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	10/23/2015 1:26 PM	R65502
Trichloroethene	ND	5.00	0.500		µg/L	1	10/23/2015 1:26 PM	R65502
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	10/23/2015 1:26 PM	R65502
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	10/23/2015 1:26 PM	R65502
Vinyl chloride	ND	2.00	0.500		µg/L	1	10/23/2015 1:26 PM	R65502
Total Xylenes	ND	10,000	0.500		µg/L	1	10/23/2015 1:26 PM	R65502
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	95.6		70-130		%REC	1	10/23/2015 1:26 PM	R65502
Surr: 4-Bromofluorobenzene	97.2		70-130		%REC	1	10/23/2015 1:26 PM	R65502
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995				Analyst: rgb	
Methyl tert-butyl ether	ND		0.500		µg/L	1	10/23/2015 1:26 PM	R65502

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department Project: Volatile Organic Compounds Client Sample ID: TP02 Lab ID: 1510G11-003	Report Date: October 31, 2015 Workorder: 1510G11 Matrix: Drinking Water Date Received: 10/20/2015 15:50 PM Collection Date: 10/20/2015 8:00 AM
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Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: rgb		
Benzene	ND	5.00	0.500		µg/L	1	10/23/2015 1:55 PM	R65502
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	10/23/2015 1:55 PM	R65502
Chlorobenzene	ND	100	0.500		µg/L	1	10/23/2015 1:55 PM	R65502
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	10/23/2015 1:55 PM	R65502
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	10/23/2015 1:55 PM	R65502
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	10/23/2015 1:55 PM	R65502
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	10/23/2015 1:55 PM	R65502
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	10/23/2015 1:55 PM	R65502
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	10/23/2015 1:55 PM	R65502
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	10/23/2015 1:55 PM	R65502
Ethylbenzene	ND	700	0.500		µg/L	1	10/23/2015 1:55 PM	R65502
Methylene chloride	ND	5.00	0.500		µg/L	1	10/23/2015 1:55 PM	R65502
Styrene	ND	100	0.500		µg/L	1	10/23/2015 1:55 PM	R65502
Tetrachloroethene	ND	5.00	0.500		µg/L	1	10/23/2015 1:55 PM	R65502
Toluene	ND	1,000	0.500		µg/L	1	10/23/2015 1:55 PM	R65502
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	10/23/2015 1:55 PM	R65502
Trichloroethene	ND	5.00	0.500		µg/L	1	10/23/2015 1:55 PM	R65502
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	10/23/2015 1:55 PM	R65502
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	10/23/2015 1:55 PM	R65502
Vinyl chloride	ND	2.00	0.500		µg/L	1	10/23/2015 1:55 PM	R65502
Total Xylenes	ND	10,000	0.500		µg/L	1	10/23/2015 1:55 PM	R65502
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	94.8		70-130		%REC	1	10/23/2015 1:55 PM	R65502
Surr: 4-Bromofluorobenzene	96.8		70-130		%REC	1	10/23/2015 1:55 PM	R65502

VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: rgb		
Methyl tert-butyl ether	ND		0.500		µg/L	1	10/23/2015 1:55 PM	R65502



Report Date: October 31, 2015

WorkOrder: 1510G11

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- c Analyte not in SLI scope of accreditation
- C Value is below Minimum Concentration Limit
- 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 compound
- ND Not Detected at the Reporting Limit
- P Present
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- W Sample container temperature is out of limit as specified at testcode



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IEPA #100225 IDPH #17585

Chain of Custody for Drinking Water Compliance Testing

Report To:
 Dave Overocker
 Sauk Village Water Department
 21801 Torrence Avenue
 Sauk Village, IL 60411

Phone: (708) 758-3330
 Project ID: 0312790 - VOC
 Collection Month: October 2015

Collected By: _____

IMPORTANT: Verify Sampling dates and sampling sites with IEPA Demand Notice

Workorder Lab Use Only
 1510G11
 Lab Sample Number

Sample Point	# Bott	Analysis	Date Collect	Time Collect	Lab Sample Number
TP01 TRTMT PLANT WELLS 1 AND 2	2	524_UNRE 524 G	10-20-15	9:20	
TP02 TP02 - WELL 3	2	524_UNRE 524 G	10-20-15	8:00	
TRIP BLANK LAB PREPARED	1				

Relinquished By: [Signature] Date/Time 10-20-15 11:35
 Received By: [Signature] Date/Time 10-20-15 15:50

Lab Use Only
 Received on Ice: / No 30
 Received Temperature: 30 C
 Received By: JK
 Date Received: 10-20-15 Time Received: 15:50
 Lab Delivery: Client UPS FedEx Mail Other

Please provide any contact or address changes as needed.

SUBURBAN LABORATORIES, Inc.



1950 S. Batavia Ave., Suite 150, Geneva, IL 60134
Tel (708) 544-3260 Toll Free (800) 783-5227
Fax (708) 544-8587
www.suburbanlabs.com

August 12, 2015

Dave Overocker

Work Order: 1508154

Sauk Village Water Department

21801 Torrence Avenue

Sauk Village, IL 60411

TEL: (708) 758-3330

FAX: (708) 757-6627

RE: Volatile Organic Compounds

Dear Dave Overocker:

All data for the associated quality control (QC) met EPA, method, or internal laboratory specifications except where noted in the case narrative. If you are comparing these results to external QC specifications or compliance limits and have any questions, please contact us.

This final report of laboratory analysis consists of this cover letter, case narrative, analytical report, dates report, and any accompanying documentation including, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

If you have any questions regarding these test results, please call me at (708) 544-3260.

Sincerely,

Pat Rodriguez

Customer Service Manager

708-544-3260 ext. 214

pat@suburbanlabs.com

Illinois Department of Public Health #17585



Illinois EPA #100225 Wisconsin FID#:399089350

Rpt Ver: 8/12/2015 1:05 PM

SUBURBAN LABORATORIES, Inc.

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



Case Narrative

Client: Sauk Village Water

Date: August 12, 2015

Project: Volatile Organic Compounds

PO:

WorkOrder: 1508154

QC Level: LEVEL I

Temperature of samples upon receipt at lab: 3 C

Chain of Custody:

General Comments:

- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated.
- For more information about the laboratories' scope of accreditation, please contact us at (708) 544-3260 or the Agency at (217) 782-6455.
- All water analyses that are required to be performed in the field (e.g., pH, residual chlorine, sulfite, temperature, etc.) but are analyzed in the lab are identified as "in lab" and are considered past holding time. Following industry practices these results do not contain an "H" flag but are qualified as being analyzed in the lab.

Abbreviations:

- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS (Surrogate Standard): Quality control compound added to the sample by the lab.

Method References:

For a complete list of method references please contact us.

- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Workorder Specific Comments:

Rpt Ver: 8/12/2015 1:05 PM

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: August 12, 2015

Project: Volatile Organic Compounds

Workorder: 1508154

Client Sample ID: TP01

Matrix: Drinking Water

Lab ID: 1508154-001

Date Received: 8/4/2015 15:50 PM

Collection Date: 8/4/2015 11:05 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995	Analyst: ks				
Benzene	ND	5.00	0.500		µg/L	1	8/5/2015 6:05 PM	R62549
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	8/5/2015 6:05 PM	R62549
Chlorobenzene	ND	100	0.500		µg/L	1	8/5/2015 6:05 PM	R62549
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	8/5/2015 6:05 PM	R62549
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	8/5/2015 6:05 PM	R62549
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	8/5/2015 6:05 PM	R62549
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	8/5/2015 6:05 PM	R62549
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	8/5/2015 6:05 PM	R62549
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	8/5/2015 6:05 PM	R62549
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	8/5/2015 6:05 PM	R62549
Ethylbenzene	ND	700	0.500		µg/L	1	8/5/2015 6:05 PM	R62549
Methylene chloride	ND	5.00	0.500		µg/L	1	8/5/2015 6:05 PM	R62549
Styrene	ND	100	0.500		µg/L	1	8/5/2015 6:05 PM	R62549
Tetrachloroethene	ND	5.00	0.500		µg/L	1	8/5/2015 6:05 PM	R62549
Toluene	ND	1,000	0.500		µg/L	1	8/5/2015 6:05 PM	R62549
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	8/5/2015 6:05 PM	R62549
Trichloroethene	ND	5.00	0.500		µg/L	1	8/5/2015 6:05 PM	R62549
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	8/5/2015 6:05 PM	R62549
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	8/5/2015 6:05 PM	R62549
Vinyl chloride	ND	2.00	0.500		µg/L	1	8/5/2015 6:05 PM	R62549
Total Xylenes	ND	10,000	0.500		µg/L	1	8/5/2015 6:05 PM	R62549
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	83.6		70-130		%REC	1	8/5/2015 6:05 PM	R62549
Surr: 4-Bromofluorobenzene	89.6		70-130		%REC	1	8/5/2015 6:05 PM	R62549
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995	Analyst: ks				
Methyl tert-butyl ether	ND		0.500		µg/L	1	8/5/2015 6:05 PM	R62549

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Project: Volatile Organic Compounds

Client Sample ID: TP02

Lab ID: 1508154-003

Report Date: August 12, 2015

Workorder: 1508154

Matrix: Drinking Water

Date Received: 8/4/2015 15:50 PM

Collection Date: 8/4/2015 8:10 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995	Analyst: ks				
Benzene	ND	5.00	0.500		µg/L	1	8/5/2015 6:34 PM	R62549
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	8/5/2015 6:34 PM	R62549
Chlorobenzene	ND	100	0.500		µg/L	1	8/5/2015 6:34 PM	R62549
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	8/5/2015 6:34 PM	R62549
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	8/5/2015 6:34 PM	R62549
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	8/5/2015 6:34 PM	R62549
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	8/5/2015 6:34 PM	R62549
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	8/5/2015 6:34 PM	R62549
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	8/5/2015 6:34 PM	R62549
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	8/5/2015 6:34 PM	R62549
Ethylbenzene	ND	700	0.500		µg/L	1	8/5/2015 6:34 PM	R62549
Methylene chloride	ND	5.00	0.500		µg/L	1	8/5/2015 6:34 PM	R62549
Styrene	ND	100	0.500		µg/L	1	8/5/2015 6:34 PM	R62549
Tetrachloroethene	ND	5.00	0.500		µg/L	1	8/5/2015 6:34 PM	R62549
Toluene	ND	1,000	0.500		µg/L	1	8/5/2015 6:34 PM	R62549
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	8/5/2015 6:34 PM	R62549
Trichloroethene	ND	5.00	0.500		µg/L	1	8/5/2015 6:34 PM	R62549
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	8/5/2015 6:34 PM	R62549
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	8/5/2015 6:34 PM	R62549
Vinyl chloride	ND	2.00	0.500		µg/L	1	8/5/2015 6:34 PM	R62549
Total Xylenes	ND	10,000	0.500		µg/L	1	8/5/2015 6:34 PM	R62549
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	81.4		70-130		%REC	1	8/5/2015 6:34 PM	R62549
Surr: 4-Bromofluorobenzene	87.4		70-130		%REC	1	8/5/2015 6:34 PM	R62549
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995	Analyst: ks				
Methyl tert-butyl ether	ND		0.500		µg/L	1	8/5/2015 6:34 PM	R62549



Report Date: August 12, 2015

WorkOrder: 1508154

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- c Analyte not in SLI scope of accreditation
- C Value is below Minimum Concentration Limit
- 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 compound
- ND Not Detected at the Reporting Limit
- P Present
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- W Sample container temperature is out of limit as specified at testcode



Suburban Laboratories, Inc.

1950 S. Batavia Ave., Suite 150, Geneva, Illinois 60134
Tel. (708) 544-3260 Toll Free (800) 783-LABS Fax (708) 544-8587
www.suburbanlabs.com



IEPA #100225 IDPH #17585

Chain of Custody for Drinking Water Compliance Testing

Report To:
Dave Overocker
Sauk Village Water Department
21801 Torrence Avenue
Sauk Village, IL 60411

Phone: (708) 758-3330
Project ID: 0312790 - VOC
Collection Month: July 2015

Collected By: Dave Overocker

IMPORTANT: Verify Sampling dates and sampling sites with IEPA Demand Notice

Workorder Lab Use Only
1508154
Lab Sample Number

Table with 7 columns: Sample Point, # Bott, Analysis, Date Collect, Time Collect, Lab Sample Number. Rows include TP01 TRTMT PLANT WELLS 1 AND 2, TP02 TP02 - WELL 3, and TRIP BLANK LAB PREPARED.

Relinquished By: [Signature] Date/Time 8/4/15 11:25
Received By: [Signature] Date/Time 8-4-15 15:50

Lab Use Only
Received on Ice: Yes / No
Received Temperature: 3 C
Received By: SK
Date Received: 8-4-15 Time Received: 15:50
Lab Delivery: [X] Client UPS FedEx Mail Other

Please provide any contact or address changes as needed.



July 17, 2015

Dave Overocker
Sauk Village Water Department
21801 Torrence Avenue
Sauk Village, IL 60411

Work Order: 1507335

TEL: (708) 757-2423
FAX: (708) 758-8297
RE: Volatile Organic Compounds

Dear Dave Overocker:

All data for the associated quality control (QC) met EPA, method, or internal laboratory specifications except where noted in the case narrative. If you are comparing these results to external QC specifications or compliance limits and have any questions, please contact us.

This final report of laboratory analysis consists of this cover letter, case narrative, analytical report, dates report, and any accompanying documentation including, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

If you have any questions regarding these test results, please call me at (708) 544-3260.

Sincerely,

Pat Rodriguez
Customer Service Manager
708-544-3260 ext. 214
pat@suburbanlabs.com



SUBURBAN LABORATORIES, Inc.

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



Case Narrative

Client: Sauk Village Water

Date: July 17, 2015

Project: Volatile Organic Compounds

PO:

WorkOrder: 1507335

QC Level: LEVEL I

Temperature of samples upon receipt at lab: 5 C

Chain of Custody:

General Comments:

- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated.
- For more information about the laboratories' scope of accreditation, please contact us at (708) 544-3260 or the Agency at (217) 782-6455.
- All water analyses that are required to be performed in the field (e.g., pH, residual chlorine, sulfite, temperature, etc.) but are analyzed in the lab are identified as "in lab" and are considered past holding time. Following industry practices these results do not contain an "H" flag but are qualified as being analyzed in the lab.

Abbreviations:

- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS (Surrogate Standard): Quality control compound added to the sample by the lab.

Method References:

For a complete list of method references please contact us.

- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Workorder Specific Comments:

Rpt Ver: 7/17/2015 4:39 AM

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: July 17, 2015

Project: Volatile Organic Compounds

Workorder: 1507335

Client Sample ID: TP01

Matrix: Drinking Water

Lab ID: 1507335-001

Date Received: 7/7/2015 15:35 PM

Collection Date: 7/7/2015 8:30 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Benzene	ND	5.00	0.500		µg/L	1	7/8/2015 3:48 PM	R61405
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	7/8/2015 3:48 PM	R61405
Chlorobenzene	ND	100	0.500		µg/L	1	7/8/2015 3:48 PM	R61405
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	7/8/2015 3:48 PM	R61405
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	7/8/2015 3:48 PM	R61405
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	7/8/2015 3:48 PM	R61405
1,1,1-Dichloroethane	ND	7.00	0.500		µg/L	1	7/8/2015 3:48 PM	R61405
cis-1,2-Dichloroethane	ND	70.0	0.500		µg/L	1	7/8/2015 3:48 PM	R61405
trans-1,2-Dichloroethane	ND	100	0.500		µg/L	1	7/8/2015 3:48 PM	R61405
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	7/8/2015 3:48 PM	R61405
Ethylbenzene	ND	700	0.500		µg/L	1	7/8/2015 3:48 PM	R61405
Methylene chloride	ND	5.00	0.500		µg/L	1	7/8/2015 3:48 PM	R61405
Styrene	ND	100	0.500		µg/L	1	7/8/2015 3:48 PM	R61405
Tetrachloroethene	ND	5.00	0.500		µg/L	1	7/8/2015 3:48 PM	R61405
Toluene	ND	1,000	0.500		µg/L	1	7/8/2015 3:48 PM	R61405
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	7/8/2015 3:48 PM	R61405
Trichloroethene	ND	5.00	0.500		µg/L	1	7/8/2015 3:48 PM	R61405
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	7/8/2015 3:48 PM	R61405
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	7/8/2015 3:48 PM	R61405
Vinyl chloride	ND	2.00	0.500		µg/L	1	7/8/2015 3:48 PM	R61405
Total Xylenes	ND	10,000	0.500		µg/L	1	7/8/2015 3:48 PM	R61405
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	92.4		70-130		%REC	1	7/8/2015 3:48 PM	R61405
Surr: 4-Bromofluorobenzene	87.6		70-130		%REC	1	7/8/2015 3:48 PM	R61405
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Methyl tert-butyl ether	ND		0.500		µg/L	1	7/8/2015 3:48 PM	R61405

SUBURBAN LABORATORIES, Inc.

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Laboratory Results

Client: Sauk Village Water Department

Report Date: July 17, 2015

Project: Volatile Organic Compounds

Workorder: 1507335

Client Sample ID: WL20600

Matrix: Drinking Water

Lab ID: 1507335-003

Date Received: 7/7/2015 15:35 PM

Collection Date: 7/7/2015 8:40 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Benzene	ND	5.00	0.500		µg/L	1	7/8/2015 4:17 PM	R61405
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	7/8/2015 4:17 PM	R61405
Chlorobenzene	ND	100	0.500		µg/L	1	7/8/2015 4:17 PM	R61405
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	7/8/2015 4:17 PM	R61405
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	7/8/2015 4:17 PM	R61405
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	7/8/2015 4:17 PM	R61405
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	7/8/2015 4:17 PM	R61405
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	7/8/2015 4:17 PM	R61405
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	7/8/2015 4:17 PM	R61405
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	7/8/2015 4:17 PM	R61405
Ethylbenzene	ND	700	0.500		µg/L	1	7/8/2015 4:17 PM	R61405
Methylene chloride	ND	5.00	0.500		µg/L	1	7/8/2015 4:17 PM	R61405
Styrene	ND	100	0.500		µg/L	1	7/8/2015 4:17 PM	R61405
Tetrachloroethene	ND	5.00	0.500		µg/L	1	7/8/2015 4:17 PM	R61405
Toluene	ND	1,000	0.500		µg/L	1	7/8/2015 4:17 PM	R61405
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	7/8/2015 4:17 PM	R61405
Trichloroethene	ND	5.00	0.500		µg/L	1	7/8/2015 4:17 PM	R61405
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	7/8/2015 4:17 PM	R61405
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	7/8/2015 4:17 PM	R61405
Vinyl chloride	ND	2.00	0.500		µg/L	1	7/8/2015 4:17 PM	R61405
Total Xylenes	ND	10,000	0.500		µg/L	1	7/8/2015 4:17 PM	R61405
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	92.0		70-130		%REC	1	7/8/2015 4:17 PM	R61405
Surr: 4-Bromofluorobenzene	85.8		70-130		%REC	1	7/8/2015 4:17 PM	R61405
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Methyl tert-butyl ether	ND		0.500		µg/L	1	7/8/2015 4:17 PM	R61405

SUBURBAN LABORATORIES, Inc.

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Laboratory Results

Client: Sauk Village Water Department

Report Date: July 17, 2015

Project: Volatile Organic Compounds

Workorder: 1507335

Client Sample ID: WL20601

Matrix: Drinking Water

Lab ID: 1507335-005

Date Received: 7/7/2015 15:35 PM

Collection Date: 7/7/2015 8:20 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995	Analyst: ks				
Benzene	ND	5.00	0.500		µg/L	1	7/8/2015 4:46 PM	R61405
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	7/8/2015 4:46 PM	R61405
Chlorobenzene	ND	100	0.500		µg/L	1	7/8/2015 4:46 PM	R61405
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	7/8/2015 4:46 PM	R61405
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	7/8/2015 4:46 PM	R61405
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	7/8/2015 4:46 PM	R61405
1,1-Dichloroethane	ND	7.00	0.500		µg/L	1	7/8/2015 4:46 PM	R61405
cis-1,2-Dichloroethane	ND	70.0	0.500		µg/L	1	7/8/2015 4:46 PM	R61405
trans-1,2-Dichloroethane	ND	100	0.500		µg/L	1	7/8/2015 4:46 PM	R61405
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	7/8/2015 4:46 PM	R61405
Ethylbenzene	ND	700	0.500		µg/L	1	7/8/2015 4:46 PM	R61405
Methylene chloride	ND	5.00	0.500		µg/L	1	7/8/2015 4:46 PM	R61405
Styrene	ND	100	0.500		µg/L	1	7/8/2015 4:46 PM	R61405
Tetrachloroethene	ND	5.00	0.500		µg/L	1	7/8/2015 4:46 PM	R61405
Toluene	ND	1,000	0.500		µg/L	1	7/8/2015 4:46 PM	R61405
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	7/8/2015 4:46 PM	R61405
Trichloroethene	ND	5.00	0.500		µg/L	1	7/8/2015 4:46 PM	R61405
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	7/8/2015 4:46 PM	R61405
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	7/8/2015 4:46 PM	R61405
Vinyl chloride	ND	2.00	0.500		µg/L	1	7/8/2015 4:46 PM	R61405
Total Xylenes	ND	10,000	0.500		µg/L	1	7/8/2015 4:46 PM	R61405
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	92.6		70-130		%REC	1	7/8/2015 4:46 PM	R61405
Surr: 4-Bromofluorobenzene	86.0		70-130		%REC	1	7/8/2015 4:46 PM	R61405
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995	Analyst: ks				
Methyl tert-butyl ether	ND		0.500		µg/L	1	7/8/2015 4:46 PM	R61405

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: July 17, 2015

Project: Volatile Organic Compounds

Workorder: 1507335

Client Sample ID: TP02

Matrix: Drinking Water

Lab ID: 1507335-007

Date Received: 7/7/2015 15:35 PM

Collection Date: 7/7/2015 8:30 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Benzene	ND	5.00	0.500		µg/L	1	7/8/2015 5:14 PM	R61405
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	7/8/2015 5:14 PM	R61405
Chlorobenzene	ND	100	0.500		µg/L	1	7/8/2015 5:14 PM	R61405
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	7/8/2015 5:14 PM	R61405
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	7/8/2015 5:14 PM	R61405
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	7/8/2015 5:14 PM	R61405
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	7/8/2015 5:14 PM	R61405
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	7/8/2015 5:14 PM	R61405
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	7/8/2015 5:14 PM	R61405
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	7/8/2015 5:14 PM	R61405
Ethylbenzene	ND	700	0.500		µg/L	1	7/8/2015 5:14 PM	R61405
Methylene chloride	ND	5.00	0.500		µg/L	1	7/8/2015 5:14 PM	R61405
Styrene	ND	100	0.500		µg/L	1	7/8/2015 5:14 PM	R61405
Tetrachloroethene	ND	5.00	0.500		µg/L	1	7/8/2015 5:14 PM	R61405
Toluene	ND	1,000	0.500		µg/L	1	7/8/2015 5:14 PM	R61405
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	7/8/2015 5:14 PM	R61405
Trichloroethene	ND	5.00	0.500		µg/L	1	7/8/2015 5:14 PM	R61405
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	7/8/2015 5:14 PM	R61405
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	7/8/2015 5:14 PM	R61405
Vinyl chloride	ND	2.00	0.500		µg/L	1	7/8/2015 5:14 PM	R61405
Total Xylenes	ND	10,000	0.500		µg/L	1	7/8/2015 5:14 PM	R61405
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	90.8		70-130		%REC	1	7/8/2015 5:14 PM	R61405
Surr: 4-Bromofluorobenzene	86.4		70-130		%REC	1	7/8/2015 5:14 PM	R61405
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Methyl tert-butyl ether	ND		0.500		µg/L	1	7/8/2015 5:14 PM	R61405

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: July 17, 2015

Project: Volatile Organic Compounds

Workorder: 1507335

Client Sample ID: WL20602

Matrix: Drinking Water

Lab ID: 1507335-009

Date Received: 7/7/2015 15:35 PM

Collection Date: 7/7/2015 8:15 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Benzene	ND	5.00	0.500		µg/L	1	7/8/2015 5:43 PM	R61405
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	7/8/2015 5:43 PM	R61405
Chlorobenzene	ND	100	0.500		µg/L	1	7/8/2015 5:43 PM	R61405
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	7/8/2015 5:43 PM	R61405
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	7/8/2015 5:43 PM	R61405
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	7/8/2015 5:43 PM	R61405
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	7/8/2015 5:43 PM	R61405
cis-1,2-Dichloroethene	0.660	70.0	0.500		µg/L	1	7/8/2015 5:43 PM	R61405
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	7/8/2015 5:43 PM	R61405
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	7/8/2015 5:43 PM	R61405
Ethylbenzene	ND	700	0.500		µg/L	1	7/8/2015 5:43 PM	R61405
Methylene chloride	ND	5.00	0.500		µg/L	1	7/8/2015 5:43 PM	R61405
Styrene	ND	100	0.500		µg/L	1	7/8/2015 5:43 PM	R61405
Tetrachloroethene	ND	5.00	0.500		µg/L	1	7/8/2015 5:43 PM	R61405
Toluene	ND	1,000	0.500		µg/L	1	7/8/2015 5:43 PM	R61405
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	7/8/2015 5:43 PM	R61405
Trichloroethene	ND	5.00	0.500		µg/L	1	7/8/2015 5:43 PM	R61405
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	7/8/2015 5:43 PM	R61405
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	7/8/2015 5:43 PM	R61405
Vinyl chloride	4.31	2.00	0.500	*	µg/L	1	7/9/2015 7:01 PM	R61405
Total Xylenes	ND	10,000	0.500		µg/L	1	7/8/2015 5:43 PM	R61405
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	90.8		70-130		%REC	1	7/8/2015 5:43 PM	R61405
Surr: 4-Bromofluorobenzene	85.6		70-130		%REC	1	7/8/2015 5:43 PM	R61405
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Methyl tert-butyl ether	ND		0.500		µg/L	1	7/8/2015 5:43 PM	R61405

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: July 17, 2015

Project: Volatile Organic Compounds

Workorder: 1507335

Client Sample ID: WL20602 TRIP BLANK

Matrix: Deionized Water

Lab ID: 1507335-010

Date Received: 7/7/2015 15:35 PM

Collection Date: 7/7/2015 0:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Benzene	ND	5.00	0.500		µg/L	1	7/9/2015 6:32 PM	R61432
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	7/9/2015 6:32 PM	R61432
Chlorobenzene	ND	100	0.500		µg/L	1	7/9/2015 6:32 PM	R61432
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	7/9/2015 6:32 PM	R61432
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	7/9/2015 6:32 PM	R61432
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	7/9/2015 6:32 PM	R61432
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	7/9/2015 6:32 PM	R61432
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	7/9/2015 6:32 PM	R61432
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	7/9/2015 6:32 PM	R61432
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	7/9/2015 6:32 PM	R61432
Ethylbenzene	ND	700	0.500		µg/L	1	7/9/2015 6:32 PM	R61432
Methylene chloride	ND	5.00	0.500		µg/L	1	7/9/2015 6:32 PM	R61432
Styrene	ND	100	0.500		µg/L	1	7/9/2015 6:32 PM	R61432
Tetrachloroethene	ND	5.00	0.500		µg/L	1	7/9/2015 6:32 PM	R61432
Toluene	ND	1,000	0.500		µg/L	1	7/9/2015 6:32 PM	R61432
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	7/9/2015 6:32 PM	R61432
Trichloroethene	ND	5.00	0.500		µg/L	1	7/9/2015 6:32 PM	R61432
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	7/9/2015 6:32 PM	R61432
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	7/9/2015 6:32 PM	R61432
Vinyl chloride	ND	2.00	0.500		µg/L	1	7/9/2015 6:32 PM	R61432
Total Xylenes	ND	10,000	0.500		µg/L	1	7/9/2015 6:32 PM	R61432
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	102		70-130		%REC	1	7/9/2015 6:32 PM	R61432
Surr: 4-Bromofluorobenzene	94.8		70-130		%REC	1	7/9/2015 6:32 PM	R61432
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Methyl tert-butyl ether	ND		0.500		µg/L	1	7/9/2015 6:32 PM	R61432



Report Date: July 17, 2015

WorkOrder: 1507335

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- c Analyte not in SLI scope of accreditation
- C Value is below Minimum Concentration Limit
- 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 compound
- ND Not Detected at the Reporting Limit
- P Present
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- W Sample container temperature is out of limit as specified at testcode



SUBURBAN LABORATORIES, Inc.
 1950 S. Batavia Ave., Ste 150, Geneva, IL 60134
 Tel: 708.544.3260 Fax: 708.544.8587 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD
 # 128885

Company Name: Saak Village IL # 0312790
 Company Address: 21801 TORRENCE AVE
 City: SAK VILLAGE State: IL Zip: 60411
 Phone: 708 257 2423 Fax:
 Email Address:
 Project ID / Location: VOC
 Project Manager (Report to): David Outrock
 Sample Collector(s) Name: Eric Cook

TURNAROUND TIME REQUESTED
 Normal RUSH* *Additional Rush Charges Approved.
 *Date & Time Needed:
 Normal TAT is specified on the price quotation or fee schedule. Rush work must be pre-approved and additional charges apply.
 Specify Regulatory Program: Non/Info Only
 LUST SRP SDWA
 503 Sludge NPDES MWRDGC
 Disposal Other* *Please specify in comment section below.

Final Report will be emailed
 ANALYSIS & METHOD REQUESTED
 Enter an "X" in box below for request

Shipping Method
 Reporting Level (at additional charge) 1 2 3 4
 LAB USE ONLY
 SI ORDER NO. 1507335
 Sample containers supplied by customer? Yes No
 Temperature of Received Samples 5 °C
 Samples received the same day as collector? Yes No
 R Condition Split LAB #

SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type*	COLLECTION		MATRIX	GRAB/COMP. QTY	CONTAINERS SIZE & TYPE	PRESERVATIVE	ANALYSIS & METHOD REQUESTED
	DATE	TIME					
1 TPO2	7/7/15	8:36	DW	2	40ml Glass		X VOC
2 WL 20602	7/7/15	8:15	GW	2	40ml Glass		X VOC
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

COMMENTS & SPECIAL INSTRUCTIONS:
 MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water (SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) CONTAINER: 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) PRESERVATIVE: H₂SO₄, HCl, HNO₃, Methanol (MeOH), NaOH, Sodium Selenite (NaSe), NaThio
 1. Refrigerated By: [Signature] Date: 7-7-15 Time: 11:00
 2. Relinquished By: [Signature] Date: 7-7-15 Time: 15:35
 3. Relinquished By:
 4. Relinquished By:
 CONDITION CODES:
 1. Improper/damaged container/cap
 2. Improper preservation
 3. Insufficient sample volume
 4. Headspace/air bubbles for VOCs
 5. Received past holding time
 6. Received frozen
 7. Label conflicts with COC

Received By: [Signature] Date: 7-7-15 Time: 11:00
 Received By: [Signature] Date: 7-7-15 Time: 15:35
 Received By:
 Received By:
 Submission of samples subject to Terms and Conditions on back.
 Rev. 07/2008
 Write-Original, Pink-Sampler Copy



Suburban Laboratories, Inc.

4140 Litt Drive, Hillside, Illinois 60162-1183
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www.suburbanlabs.com



IEPA #100225 IDPH #17585

Chain of Custody for Drinking Water Compliance Testing

Report To:
Dave Overocker
Sauk Village Water Department
21801 Torrence Avenue
Sauk Village, Illinois 60411

Phone: (708) 758-3330
Project ID: 0312790 - VOC

Collected By: David Overocker

Sample Point	# Bott	Analysis	Date Collect	Time Collect	Lab Use Only
					Workorder:
					Lab Sample Number
TP01 TRTMT PLANT WELLS 1 AND 2	2	524_UNRE 524 G	7-7-15	8:30	1507335
WL20600 WELL 1 AT TREATMENT PLANT 2217 220T	2	524_UNRE 524 G	7-7-15	8:40	
WL20601 WELL 2 AT TREATMENT PLANT 2217 220T	2	524_UNRE 524 G	7-7-15	8:20	
TRIP BLANK LAB PREPARED	1				

Relinquished By: David Overocker Date/Time 7-7-15 11:00
Received By: [Signature] Date/Time 7-7-15 15:35

Lab Use Only	
Received on Ice: <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No	50
Received Temperature: _____ C	
Received By: <u>[Signature]</u>	
Date Received: <u>7-7-15</u>	Time Received: <u>15:35</u>
Lab Delivery: <input checked="" type="checkbox"/> Client <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Mail <input type="checkbox"/> Other	

Please provide any contact or address changes as needed.



June 30, 2015

Dave Overocker

Work Order: 1506E33

Sauk Village Water Department
21801 Torrence Avenue
Sauk Village, IL 60411

TEL: (708) 757-2423

FAX: (708) 758-8297

RE: Volatile Organic Compounds

Dear Dave Overocker:

All data for the associated quality control (QC) met EPA, method, or internal laboratory specifications except where noted in the case narrative. If you are comparing these results to external QC specifications or compliance limits and have any questions, please contact us.

This final report of laboratory analysis consists of this cover letter, case narrative, analytical report, dates report, and any accompanying documentation including, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

If you have any questions regarding these test results, please call me at (708) 544-3260.

Sincerely,

A handwritten signature in black ink, appearing to read 'Pat Rodriguez', with a horizontal line extending to the right.

Pat Rodriguez

Customer Service Manager

708-544-3260 ext. 214

pat@suburbanlabs.com



Illinois Department of Public Health #17585

Illinois EPA #100225 Wisconsin FID#:399089350

Rpt Ver: 6/30/2015 10:30 AM

SUBURBAN LABORATORIES, Inc.

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



Case Narrative

Client: Sauk Village Water

Date: June 30, 2015

Project: Volatile Organic Compounds

PO:

WorkOrder: 1506E33

QC Level: LEVEL I

Temperature of samples upon receipt at lab: 3 C

Chain of Custody: 88056

General Comments:

- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated.
- For more information about the laboratories' scope of accreditation, please contact us at (708) 544-3260 or the Agency at (217) 782-6455.
- All water analyses that are required to be performed in the field (e.g., pH, residual chlorine, sulfite, temperature, etc.) but are analyzed in the lab are identified as "in lab" and are considered past holding time. Following industry practices these results do not contain an "H" flag but are qualified as being analyzed in the lab.

Abbreviations:

- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS (Surrogate Standard): Quality control compound added to the sample by the lab.

Method References:

For a complete list of method references please contact us.

- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Workorder Specific Comments:

Rpt Ver: 6/30/2015 10:30 AM

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: June 30, 2015

Project: Volatile Organic Compounds

Workorder: 1506E33

Client Sample ID: TP02

Matrix: Drinking Water

Lab ID: 1506E33-001

Date Received: 6/16/2015 16:15 PM

Collection Date: 6/15/2015 14:00 PM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Benzene	ND	5.00	0.500		µg/L	1	6/16/2015 6:06 PM	R60654
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	6/16/2015 6:06 PM	R60654
Chlorobenzene	ND	100	0.500		µg/L	1	6/16/2015 6:06 PM	R60654
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	6/16/2015 6:06 PM	R60654
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	6/16/2015 6:06 PM	R60654
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	6/16/2015 6:06 PM	R60654
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	6/16/2015 6:06 PM	R60654
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	6/16/2015 6:06 PM	R60654
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	6/16/2015 6:06 PM	R60654
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	6/16/2015 6:06 PM	R60654
Ethylbenzene	ND	700	0.500		µg/L	1	6/16/2015 6:06 PM	R60654
Methylene chloride	ND	5.00	0.500		µg/L	1	6/16/2015 6:06 PM	R60654
Styrene	ND	100	0.500		µg/L	1	6/16/2015 6:06 PM	R60654
Tetrachloroethene	ND	5.00	0.500		µg/L	1	6/16/2015 6:06 PM	R60654
Toluene	ND	1,000	0.500		µg/L	1	6/16/2015 6:06 PM	R60654
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	6/16/2015 6:06 PM	R60654
Trichloroethene	ND	5.00	0.500		µg/L	1	6/16/2015 6:06 PM	R60654
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	6/16/2015 6:06 PM	R60654
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	6/16/2015 6:06 PM	R60654
Vinyl chloride	ND	2.00	0.500		µg/L	1	6/16/2015 6:06 PM	R60654
Total Xylenes	ND	10,000	0.500		µg/L	1	6/16/2015 6:06 PM	R60654
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	85.2		70-130		%REC	1	6/16/2015 6:06 PM	R60654
Surr: 4-Bromofluorobenzene	79.2		70-130		%REC	1	6/16/2015 6:06 PM	R60654
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Methyl tert-butyl ether	ND		0.500		µg/L	1	6/16/2015 6:06 PM	R60654

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: June 30, 2015

Project: Volatile Organic Compounds

Workorder: 1506E33

Client Sample ID: WL20602

Matrix: Drinking Water

Lab ID: 1506E33-003

Date Received: 6/16/2015 16:15 PM

Collection Date: 6/15/2015 14:10 PM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Benzene	ND	5.00	0.500		µg/L	1	6/16/2015 6:35 PM	R60654
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	6/16/2015 6:35 PM	R60654
Chlorobenzene	ND	100	0.500		µg/L	1	6/16/2015 6:35 PM	R60654
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	6/16/2015 6:35 PM	R60654
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	6/16/2015 6:35 PM	R60654
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	6/16/2015 6:35 PM	R60654
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	6/16/2015 6:35 PM	R60654
cis-1,2-Dichloroethene	0.730	70.0	0.500		µg/L	1	6/16/2015 6:35 PM	R60654
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	6/16/2015 6:35 PM	R60654
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	6/16/2015 6:35 PM	R60654
Ethylbenzene	ND	700	0.500		µg/L	1	6/16/2015 6:35 PM	R60654
Methylene chloride	ND	5.00	0.500		µg/L	1	6/16/2015 6:35 PM	R60654
Styrene	ND	100	0.500		µg/L	1	6/16/2015 6:35 PM	R60654
Tetrachloroethene	ND	5.00	0.500		µg/L	1	6/16/2015 6:35 PM	R60654
Toluene	ND	1,000	0.500		µg/L	1	6/16/2015 6:35 PM	R60654
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	6/16/2015 6:35 PM	R60654
Trichloroethene	ND	5.00	0.500		µg/L	1	6/16/2015 6:35 PM	R60654
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	6/16/2015 6:35 PM	R60654
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	6/16/2015 6:35 PM	R60654
Vinyl chloride	4.24	2.00	0.500	*	µg/L	1	6/18/2015 3:55 PM	R60654
Total Xylenes	ND	10,000	0.500		µg/L	1	6/16/2015 6:35 PM	R60654
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	83.8		70-130		%REC	1	6/16/2015 6:35 PM	R60654
Surr: 4-Bromofluorobenzene	79.0		70-130		%REC	1	6/16/2015 6:35 PM	R60654
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Methyl tert-butyl ether	ND		0.500		µg/L	1	6/16/2015 6:35 PM	R60654

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: June 30, 2015

Project: Volatile Organic Compounds

Workorder: 1506E33

Client Sample ID: WL20602 Trip Blank

Matrix: Deionized Water

Lab ID: 1506E33-004

Date Received: 6/16/2015 16:15 PM

Collection Date: 6/15/2015 0:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995	Analyst: ks				
Benzene	ND	5.00	0.500		µg/L	1	6/18/2015 3:25 PM	R60741
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	6/18/2015 3:25 PM	R60741
Chlorobenzene	ND	100	0.500		µg/L	1	6/18/2015 3:25 PM	R60741
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	6/18/2015 3:25 PM	R60741
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	6/18/2015 3:25 PM	R60741
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	6/18/2015 3:25 PM	R60741
1,1-Dichloroethane	ND	7.00	0.500		µg/L	1	6/18/2015 3:25 PM	R60741
cis-1,2-Dichloroethane	ND	70.0	0.500		µg/L	1	6/18/2015 3:25 PM	R60741
trans-1,2-Dichloroethane	ND	100	0.500		µg/L	1	6/18/2015 3:25 PM	R60741
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	6/18/2015 3:25 PM	R60741
Ethylbenzene	ND	700	0.500		µg/L	1	6/18/2015 3:25 PM	R60741
Methylene chloride	ND	5.00	0.500		µg/L	1	6/18/2015 3:25 PM	R60741
Styrene	ND	100	0.500		µg/L	1	6/18/2015 3:25 PM	R60741
Tetrachloroethane	ND	5.00	0.500		µg/L	1	6/18/2015 3:25 PM	R60741
Toluene	ND	1,000	0.500		µg/L	1	6/18/2015 3:25 PM	R60741
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	6/18/2015 3:25 PM	R60741
Trichloroethene	ND	5.00	0.500		µg/L	1	6/18/2015 3:25 PM	R60741
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	6/18/2015 3:25 PM	R60741
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	6/18/2015 3:25 PM	R60741
Vinyl chloride	ND	2.00	0.500		µg/L	1	6/18/2015 3:25 PM	R60741
Total Xylenes	ND	10,000	0.500		µg/L	1	6/18/2015 3:25 PM	R60741
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	103		70-130		%REC	1	6/18/2015 3:25 PM	R60741
Surr: 4-Bromofluorobenzene	96.4		70-130		%REC	1	6/18/2015 3:25 PM	R60741

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: June 30, 2015

Project: Volatile Organic Compounds

Workorder: 1506E33

Client Sample ID: TP01

Matrix: Drinking Water

Lab ID: 1506E33-005

Date Received: 6/16/2015 16:15 PM

Collection Date: 6/16/2015 9:40 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995	Analyst: ks				
Benzene	ND	5.00	0.500		µg/L	1	6/16/2015 7:05 PM	R60654
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	6/16/2015 7:05 PM	R60654
Chlorobenzene	ND	100	0.500		µg/L	1	6/16/2015 7:05 PM	R60654
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	6/16/2015 7:05 PM	R60654
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	6/16/2015 7:05 PM	R60654
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	6/16/2015 7:05 PM	R60654
1,1-Dichloroethane	ND	7.00	0.500		µg/L	1	6/16/2015 7:05 PM	R60654
cis-1,2-Dichloroethane	ND	70.0	0.500		µg/L	1	6/16/2015 7:05 PM	R60654
trans-1,2-Dichloroethane	ND	100	0.500		µg/L	1	6/16/2015 7:05 PM	R60654
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	6/16/2015 7:05 PM	R60654
Ethylbenzene	ND	700	0.500		µg/L	1	6/16/2015 7:05 PM	R60654
Methylene chloride	ND	5.00	0.500		µg/L	1	6/16/2015 7:05 PM	R60654
Styrene	ND	100	0.500		µg/L	1	6/16/2015 7:05 PM	R60654
Tetrachloroethene	ND	5.00	0.500		µg/L	1	6/16/2015 7:05 PM	R60654
Toluene	ND	1,000	0.500		µg/L	1	6/16/2015 7:05 PM	R60654
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	6/16/2015 7:05 PM	R60654
Trichloroethene	ND	5.00	0.500		µg/L	1	6/16/2015 7:05 PM	R60654
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	6/16/2015 7:05 PM	R60654
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	6/16/2015 7:05 PM	R60654
Vinyl chloride	ND	2.00	0.500		µg/L	1	6/16/2015 7:05 PM	R60654
Total Xylenes	ND	10,000	0.500		µg/L	1	6/16/2015 7:05 PM	R60654
<u>Internal Quality Control Compounds</u>								
Surr: 1,2-Dichlorobenzene-d4	82.8		70-130		%REC	1	6/16/2015 7:05 PM	R60654
Surr: 4-Bromofluorobenzene	80.4		70-130		%REC	1	6/16/2015 7:05 PM	R60654
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995	Analyst: ks				
Methyl tert-butyl ether	ND		0.500		µg/L	1	6/16/2015 7:05 PM	R60654

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: June 30, 2015

Project: Volatile Organic Compounds

Workorder: 1506E33

Client Sample ID: WL20600

Matrix: Drinking Water

Lab ID: 1506E33-007

Date Received: 6/16/2015 16:15 PM

Collection Date: 6/16/2015 9:50 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Benzene	ND	5.00	0.500		µg/L	1	6/16/2015 7:34 PM	R60654
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	6/16/2015 7:34 PM	R60654
Chlorobenzene	ND	100	0.500		µg/L	1	6/16/2015 7:34 PM	R60654
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	6/16/2015 7:34 PM	R60654
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	6/16/2015 7:34 PM	R60654
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	6/16/2015 7:34 PM	R60654
1,1-Dichloroethane	ND	7.00	0.500		µg/L	1	6/16/2015 7:34 PM	R60654
cis-1,2-Dichloroethane	ND	70.0	0.500		µg/L	1	6/16/2015 7:34 PM	R60654
trans-1,2-Dichloroethane	ND	100	0.500		µg/L	1	6/16/2015 7:34 PM	R60654
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	6/16/2015 7:34 PM	R60654
Ethylbenzene	ND	700	0.500		µg/L	1	6/16/2015 7:34 PM	R60654
Methylene chloride	ND	5.00	0.500		µg/L	1	6/16/2015 7:34 PM	R60654
Styrene	ND	100	0.500		µg/L	1	6/16/2015 7:34 PM	R60654
Tetrachloroethene	ND	5.00	0.500		µg/L	1	6/16/2015 7:34 PM	R60654
Toluene	ND	1,000	0.500		µg/L	1	6/16/2015 7:34 PM	R60654
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	6/16/2015 7:34 PM	R60654
Trichloroethene	ND	5.00	0.500		µg/L	1	6/16/2015 7:34 PM	R60654
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	6/16/2015 7:34 PM	R60654
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	6/16/2015 7:34 PM	R60654
Vinyl chloride	ND	2.00	0.500		µg/L	1	6/16/2015 7:34 PM	R60654
Total Xylenes	ND	10,000	0.500		µg/L	1	6/16/2015 7:34 PM	R60654
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	82.6		70-130		%REC	1	6/16/2015 7:34 PM	R60654
Surr: 4-Bromofluorobenzene	79.4		70-130		%REC	1	6/16/2015 7:34 PM	R60654
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Methyl tert-butyl ether	ND		0.500		µg/L	1	6/16/2015 7:34 PM	R60654

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department Project: Volatile Organic Compounds Client Sample ID: WL20601 Lab ID: 1506E33-009	Report Date: June 30, 2015 Workorder: 1506E33 Matrix: Drinking Water Date Received: 6/16/2015 16:15 PM Collection Date: 6/16/2015 9:30 AM
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Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Benzene	ND	5.00	0.500		µg/L	1	6/18/2015 1:57 PM	R60741
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	6/18/2015 1:57 PM	R60741
Chlorobenzene	ND	100	0.500		µg/L	1	6/18/2015 1:57 PM	R60741
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	6/18/2015 1:57 PM	R60741
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	6/18/2015 1:57 PM	R60741
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	6/18/2015 1:57 PM	R60741
1,1-Dichloroethane	ND	7.00	0.500		µg/L	1	6/18/2015 1:57 PM	R60741
cis-1,2-Dichloroethane	ND	70.0	0.500		µg/L	1	6/18/2015 1:57 PM	R60741
trans-1,2-Dichloroethane	ND	100	0.500		µg/L	1	6/18/2015 1:57 PM	R60741
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	6/18/2015 1:57 PM	R60741
Ethylbenzene	ND	700	0.500		µg/L	1	6/18/2015 1:57 PM	R60741
Methylene chloride	ND	5.00	0.500		µg/L	1	6/18/2015 1:57 PM	R60741
Styrene	ND	100	0.500		µg/L	1	6/18/2015 1:57 PM	R60741
Tetrachloroethene	ND	5.00	0.500		µg/L	1	6/18/2015 1:57 PM	R60741
Toluene	ND	1,000	0.500		µg/L	1	6/18/2015 1:57 PM	R60741
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	6/18/2015 1:57 PM	R60741
Trichloroethene	ND	5.00	0.500		µg/L	1	6/18/2015 1:57 PM	R60741
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	6/18/2015 1:57 PM	R60741
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	6/18/2015 1:57 PM	R60741
Vinyl chloride	ND	2.00	0.500		µg/L	1	6/18/2015 1:57 PM	R60741
Total Xylenes	ND	10,000	0.500		µg/L	1	6/18/2015 1:57 PM	R60741
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	97.4		70-130		%REC	1	6/18/2015 1:57 PM	R60741
Surr: 4-Bromofluorobenzene	90.2		70-130		%REC	1	6/18/2015 1:57 PM	R60741
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Methyl tert-butyl ether	ND		0.500		µg/L	1	6/18/2015 1:57 PM	R60741



Report Date: June 30, 2015

WorkOrder: 1506E33

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- c Analyte not in SLI scope of accreditation
- C Value is below Minimum Concentration Limit
- 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 compound
- ND Not Detected at the Reporting Limit
- P Present
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits



Suburban Laboratories, Inc.

1950 S. Batavia Ave., Suite 150, Geneva, Illinois 60134
Tel. (708) 544-3260 Toll Free (800) 783-LABS Fax (708) 544-8587
www.suburbanlabs.com



IEPA #100225 IDPH #17585

Chain of Custody for Drinking Water Compliance Testing

Report To:
Dave Overocker
Sauk Village Water Department
21801 Torrence Avenue
Sauk Village, IL 60411

Phone: (708) 758-3330
Project ID: 0312790 - VOC
Collection Month: June 2015

Collected By: _____

IMPORTANT: Verify Sampling dates and sampling sites with IEPA Demand Notice

Workorder Lab Use Only
1506 E 33
Lab Sample Number

Table with columns: Sample Point, # Bott, Analysis, Date Collect, Time Collect, Lab Sample Number. Rows include TP01 TRTMT PLANT WELLS 1 AND 2, WL20600 WELL 1 AT TREATMENT PLANT 2217 220T, WL20601 WELL 2 AT TREATMENT PLANT 2217 220T, and TRIP BLANK LAB PREPARED.

Relinquished By: [Signature] Date/Time 6-16-15

Received By: [Signature] Date/Time 6-16-15 16:15

Lab Use Only
Received on Ice: Yes/No 30
Received Temperature: 30 C
Received By: SK
Date Received: 6-16-15 Time Received: 16:15
Lab Delivery: [X] Client UPS FedEx Mail Other

Please provide any contact or address changes as needed.



SUBURBAN LABORATORIES, Inc.

4140 Litt Drive Hillside, IL 60162

Tel. 708.544.3260

Fax: 708.544.8587

Toll Free: 800.783.LABS

www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

88056

Company Name: **Village of Sauk Village**
 Company Address: **21801 TARRANCE AVE**
 City: **SAUK VILLAGE** State: **IL** Zip: **60411**
 Phone: **708 757 2425** Fax: **708 757 6627**
 Email Address: **708 757 6627**

TURNAROUND TIME REQUESTED
 Normal RUSH*
 *Additional Rush Charges Apply.
 Date & Time Needed: _____
 Normal FAT is specified on the price quotation or fee schedule. Rush work must be pre-approved and additional charges apply.
 Specify Regulatory Program: None/Info Only (Required)
 LUST SRP SDWA
 503 Sludge NPDES MWRDGC
 Disposal Other*
 *Please specify in comment section below.

ANALYSIS & METHOD REQUESTED
 Enter an "X" in box below for request

Page **1** of **1**
 Shipping Method
 Reporting Level (if additional charge)
 1 2 3 4
 LAB USE ONLY
 SLI ORDER NO: **1506 F33**
 Sample containers supplied by purchaser? Yes No
 Temperature of Received Samples: **3** °C
 Samples received the same day as collection? Yes No
 R: Condition **Soil** LAB #

Project ID / Location: **VOC**
 Project Manager (Report to): **David Overacker**
 Sample Collector(s) Name: **David Overacker**

SAMPLE IDENTIFICATION	COLLECTION		MATRIX	GRAB/COMP.	CONTAINERS	PRESERVATIVE	ANALYSIS & METHOD REQUESTED	Shipping Method	Reporting Level (if additional charge)
	DATE	TIME							
1 TPO2	6/15/15	2:00	DW		2 40 ml Glass		VOC VOC		1
2 WL 20602	6/15/15	2:10	GW		2 40 ml Glass		X		2
3									3
4									4
5									5
6									6
7									7
8									8
9									9
10									10
11									11
12									12

COMMENTS & SPECIAL INSTRUCTIONS:

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water (SW), Ground Water (GW), Solid Waste (WA), Sludge (L), Wipe (P) CONTAINER: 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) PRESERVATIVE: H₂SO₄, HCl, HNO₃, Methanol (MeOH), NaOH, Sodium Bisulfate (NaHSO₃), NaTHIO

1. Requisitioned By: **David Overacker** Date: **6-16-15**
 Received By: **DS** Time: **11:30**
 2. Requisitioned By: **DS** Date: **6-16-15**
 Received By: **DS** Time: **16:15**
 3. Requisitioned By: _____ Date: _____
 Received By: _____ Time: _____
 4. Requisitioned By: _____ Date: _____
 Received By: _____ Time: _____

COLECTION NOTES
 1. Improper/damaged container/cap
 2. Improper preservation
 3. Insufficient sample volume
 4. Headspace/bubbles for VOCs
 5. Received past holding time
 6. Received frozen
 7. Label conflicts with COC

Submission of samples subject to Terms and Conditions on back.
 Rev. 07/2008
 Write-Original, Pink-Sampler Copy

SUBURBAN LABORATORIES, Inc.



1950 S. Batavia Ave., Suite 150 Geneva, Illinois 60134
Tel. (708) 544-3260 • Toll Free (800) 783-LABS
Fax (708) 544-8587
www.suburbanlabs.com

May 27, 2015

Dave Overocker
Sauk Village Water Department
21801 Torrence Avenue
Sauk Village, IL 60411

Workorder: 1505E43

TEL: (708) 757-2423
FAX: (708) 758-8297
RE: Volatile Organic Compounds

Dear Dave Overocker:

Suburban Laboratories, Inc. received 10 sample(s) on 5/19/2015 for the analyses presented in the following report.

All data for the associated quality control (QC) met EPA, method, or internal laboratory specifications except where noted in the case narrative. If you are comparing these results to external QC specifications or compliance limits and have any questions, please contact us.

This final report of laboratory analysis consists of this cover letter, case narrative, analytical report, dates report, and any accompanying documentation including, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

If you have any questions regarding these test results, please call me at (708) 544-3260.

Sincerely,

Pat Rodriguez
Customer Service Manager
708-544-3260 ext 214
pat@suburbanlabs.com





Client: Sauk Village Water Department

Date: May 27, 2015

Project: Volatile Organic Compounds

PO #:

WorkOrder: 1505E43

QC Level: LEVEL I

Temperature of samples upon receipt at SLI: 3 C

Chain of Custody #:

General Comments:

- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated.
- For more information about the laboratories' scope of accreditation, please contact us at (708) 544-3260 or the Agency at (217) 782-6455.
- All water analyses that are required to be performed in the field (e.g., pH, residual chlorine, sulfite, temperature, etc.) but are analyzed in the lab are identified as "in lab" and are considered past holding time. Following industry practices these results do not contain an "H" flag but are qualified as being analyzed in the lab.

Abbreviations:

- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS (Surrogate Standard): Quality control compound added to the sample by the lab.

Method References:

For a complete list of method references please contact us.

- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Workorder Specific Comments:



Suburban Laboratories, Inc.

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

Laboratory Results

Client ID: Sauk Village Water Department

Report Date: May 27, 2015

Project Name: Volatile Organic Compounds

Workorder: 1505E43

Client Sample ID: TP01

Matrix: DRINKING WATER

Lab ID: 1505E43-001

Date Received: 05/19/2015 3:30 PM

Collection Date: 05/19/2015 8:30 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS (REGULATED)			Method: EPA-524.2-Rev 4.1, 1995			Analyst: HR		
Benzene	ND	5.00	0.500		µg/L	1	05/20/2015 1:43 PM	R59620
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	05/20/2015 1:43 PM	R59620
Chlorobenzene	ND	100	0.500		µg/L	1	05/20/2015 1:43 PM	R59620
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	05/20/2015 1:43 PM	R59620
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	05/20/2015 1:43 PM	R59620
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	05/20/2015 1:43 PM	R59620
1,1-Dichloroethane	ND	7.00	0.500		µg/L	1	05/20/2015 1:43 PM	R59620
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	05/20/2015 1:43 PM	R59620
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	05/20/2015 1:43 PM	R59620
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	05/20/2015 1:43 PM	R59620
Ethylbenzene	ND	700	0.500		µg/L	1	05/20/2015 1:43 PM	R59620
Methylene chloride	ND	5.00	0.500		µg/L	1	05/20/2015 1:43 PM	R59620
Styrene	ND	100	0.500		µg/L	1	05/20/2015 1:43 PM	R59620
Tetrachloroethene	ND	5.00	0.500		µg/L	1	05/20/2015 1:43 PM	R59620
Toluene	ND	1,000	0.500		µg/L	1	05/20/2015 1:43 PM	R59620
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	05/20/2015 1:43 PM	R59620
Trichloroethene	ND	5.00	0.500		µg/L	1	05/20/2015 1:43 PM	R59620
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	05/20/2015 1:43 PM	R59620
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	05/20/2015 1:43 PM	R59620
Vinyl chloride	ND	2.00	0.500		µg/L	1	05/20/2015 1:43 PM	R59620
Total Xylenes	ND	10,000	0.500		µg/L	1	05/20/2015 1:43 PM	R59620
<u>Internal Quality Control Compounds</u>								
SS: 1,2-Dichlorobenzene-d4	80.8		70-130		%REC	1	05/20/2015 1:43 PM	R59620
SS: 4-Bromofluorobenzene	73.8		70-130		%REC	1	05/20/2015 1:43 PM	R59620
VOLATILE ORGANIC COMPOUNDS (UNREGULATED)			Method: EPA-524.2-Rev 4.1, 1995			Analyst: HR		
Methyl tert-butyl ether	ND		0.500	c	µg/L	1	05/20/2015 1:43 PM	R59620



Suburban Laboratories, Inc.

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

Laboratory Results

Client ID: Sauk Village Water Department
Project Name: Volatile Organic Compounds

Report Date: May 27, 2015
Workorder: 1505E43

Client Sample ID: WL20600

Matrix: DRINKING WATER

Lab ID: 1505E43-003

Date Received: 05/19/2015 3:30 PM

Collection Date: 05/19/2015 8:20 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS (REGULATED)			Method: EPA-524.2-Rev 4.1, 1995			Analyst: HR		
Benzene	ND	5.00	0.500		µg/L	1	05/20/2015 2:12 PM	R59620
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	05/20/2015 2:12 PM	R59620
Chlorobenzene	ND	100	0.500		µg/L	1	05/20/2015 2:12 PM	R59620
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	05/20/2015 2:12 PM	R59620
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	05/20/2015 2:12 PM	R59620
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	05/20/2015 2:12 PM	R59620
1,1-Dichloroethane	ND	7.00	0.500		µg/L	1	05/20/2015 2:12 PM	R59620
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	05/20/2015 2:12 PM	R59620
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	05/20/2015 2:12 PM	R59620
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	05/20/2015 2:12 PM	R59620
Ethylbenzene	ND	700	0.500		µg/L	1	05/20/2015 2:12 PM	R59620
Methylene chloride	ND	5.00	0.500		µg/L	1	05/20/2015 2:12 PM	R59620
Styrene	ND	100	0.500		µg/L	1	05/20/2015 2:12 PM	R59620
Tetrachloroethene	ND	5.00	0.500		µg/L	1	05/20/2015 2:12 PM	R59620
Toluene	ND	1,000	0.500		µg/L	1	05/20/2015 2:12 PM	R59620
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	05/20/2015 2:12 PM	R59620
Trichloroethene	ND	5.00	0.500		µg/L	1	05/20/2015 2:12 PM	R59620
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	05/20/2015 2:12 PM	R59620
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	05/20/2015 2:12 PM	R59620
Vinyl chloride	ND	2.00	0.500		µg/L	1	05/20/2015 2:12 PM	R59620
Total Xylenes	ND	10,000	0.500		µg/L	1	05/20/2015 2:12 PM	R59620
<u>Internal Quality Control Compounds</u>								
SS: 1,2-Dichlorobenzene-d4	81.8		70-130		%REC	1	05/20/2015 2:12 PM	R59620
SS: 4-Bromofluorobenzene	74.6		70-130		%REC	1	05/20/2015 2:12 PM	R59620
VOLATILE ORGANIC COMPOUNDS (UNREGULATED)			Method: EPA-524.2-Rev 4.1, 1995			Analyst: HR		
Methyl tert-butyl ether	ND		0.500	c	µg/L	1	05/20/2015 2:12 PM	R59620



Suburban Laboratories, Inc.

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

Laboratory Results

Client ID: Sauk Village Water Department
Project Name: Volatile Organic Compounds

Report Date: May 27, 2015
Workorder: 1505E43

Client Sample ID: WL20601

Matrix: DRINKING WATER

Lab ID: 1505E43-005

Date Received: 05/19/2015 3:30 PM

Collection Date: 05/19/2015 8:05 AM

Parameter	Result	Report MCL	Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS (REGULATED)			Method: EPA-524.2-Rev 4.1, 1995			Analyst: HR		
Benzene	ND	5.00	0.500		µg/L	1	05/20/2015 2:42 PM	R59620
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	05/20/2015 2:42 PM	R59620
Chlorobenzene	ND	100	0.500		µg/L	1	05/20/2015 2:42 PM	R59620
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	05/20/2015 2:42 PM	R59620
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	05/20/2015 2:42 PM	R59620
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	05/20/2015 2:42 PM	R59620
1,1-Dichloroethane	ND	7.00	0.500		µg/L	1	05/20/2015 2:42 PM	R59620
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	05/20/2015 2:42 PM	R59620
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	05/20/2015 2:42 PM	R59620
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	05/20/2015 2:42 PM	R59620
Ethylbenzene	ND	700	0.500		µg/L	1	05/20/2015 2:42 PM	R59620
Methylene chloride	ND	5.00	0.500		µg/L	1	05/20/2015 2:42 PM	R59620
Styrene	ND	100	0.500		µg/L	1	05/20/2015 2:42 PM	R59620
Tetrachloroethene	ND	5.00	0.500		µg/L	1	05/20/2015 2:42 PM	R59620
Toluene	ND	1,000	0.500		µg/L	1	05/20/2015 2:42 PM	R59620
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	05/20/2015 2:42 PM	R59620
Trichloroethene	ND	5.00	0.500		µg/L	1	05/20/2015 2:42 PM	R59620
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	05/20/2015 2:42 PM	R59620
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	05/20/2015 2:42 PM	R59620
Vinyl chloride	ND	2.00	0.500		µg/L	1	05/20/2015 2:42 PM	R59620
Total Xylenes	ND	10,000	0.500		µg/L	1	05/20/2015 2:42 PM	R59620
<u>Internal Quality Control Compounds</u>								
SS: 1,2-Dichlorobenzene-d4	84.4		70-130		%REC	1	05/20/2015 2:42 PM	R59620
SS: 4-Bromofluorobenzene	78.0		70-130		%REC	1	05/20/2015 2:42 PM	R59620
VOLATILE ORGANIC COMPOUNDS (UNREGULATED)			Method: EPA-524.2-Rev 4.1, 1995			Analyst: HR		
Methyl tert-butyl ether	ND		0.500	c	µg/L	1	05/20/2015 2:42 PM	R59620



Suburban Laboratories, Inc.

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

Laboratory Results

Client ID: Sauk Village Water Department

Report Date: May 27, 2015

Project Name: Volatile Organic Compounds

Workorder: 1505E43

Client Sample ID: WL20602

Matrix: DRINKING WATER

Lab ID: 1505E43-007

Date Received: 05/19/2015 3:30 PM

Collection Date: 05/19/2015 7:34 AM

Parameter	Result	Report MCL	Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS (REGULATED)			Method: EPA-524.2-Rev 4.1, 1995			Analyst: HR		
Benzene	ND	5.00	0.500		µg/L	1	05/20/2015 3:12 PM	R59620
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	05/20/2015 3:12 PM	R59620
Chlorobenzene	ND	100	0.500		µg/L	1	05/20/2015 3:12 PM	R59620
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	05/20/2015 3:12 PM	R59620
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	05/20/2015 3:12 PM	R59620
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	05/20/2015 3:12 PM	R59620
1,1-Dichloroethane	ND	7.00	0.500		µg/L	1	05/20/2015 3:12 PM	R59620
cis-1,2-Dichloroethene	0.550	70.0	0.500		µg/L	1	05/20/2015 3:12 PM	R59620
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	05/20/2015 3:12 PM	R59620
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	05/20/2015 3:12 PM	R59620
Ethylbenzene	ND	700	0.500		µg/L	1	05/20/2015 3:12 PM	R59620
Methylene chloride	ND	5.00	0.500		µg/L	1	05/20/2015 3:12 PM	R59620
Styrene	ND	100	0.500		µg/L	1	05/20/2015 3:12 PM	R59620
Tetrachloroethene	ND	5.00	0.500		µg/L	1	05/20/2015 3:12 PM	R59620
Toluene	ND	1,000	0.500		µg/L	1	05/20/2015 3:12 PM	R59620
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	05/20/2015 3:12 PM	R59620
Trichloroethene	ND	5.00	0.500		µg/L	1	05/20/2015 3:12 PM	R59620
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	05/20/2015 3:12 PM	R59620
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	05/20/2015 3:12 PM	R59620
Vinyl chloride	2.63	2.00	0.500	*	µg/L	1	05/20/2015 3:12 PM	R59620
Total Xylenes	ND	10,000	0.500		µg/L	1	05/20/2015 3:12 PM	R59620
<u>Internal Quality Control Compounds</u>								
SS: 1,2-Dichlorobenzene-d4	83.4		70-130		%REC	1	05/20/2015 3:12 PM	R59620
SS: 4-Bromofluorobenzene	74.8		70-130		%REC	1	05/20/2015 3:12 PM	R59620
VOLATILE ORGANIC COMPOUNDS (UNREGULATED)			Method: EPA-524.2-Rev 4.1, 1995			Analyst: HR		
Methyl tert-butyl ether	ND		0.500	c	µg/L	1	05/20/2015 3:12 PM	R59620



Suburban Laboratories, Inc.

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Laboratory Results

Client ID: Sauk Village Water Department

Report Date: May 27, 2015

Project Name: Volatile Organic Compounds

Workorder: 1505E43

Client Sample ID: WL20602 TRIP BLANK

Matrix: DEIONIZED WATER

Lab ID: 1505E43-008

Date Received: 05/19/2015 3:30 PM

Collection Date: 05/19/2015 12:00 AM

Parameter	Result	Report MCL	Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS (REGULATED)			Method: EPA-524.2-Rev 4.1, 1995			Analyst: HR		
Benzene	ND	5.00	0.500		µg/L	1	05/20/2015 4:42 PM	R59620
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	05/20/2015 4:42 PM	R59620
Chlorobenzene	ND	100	0.500		µg/L	1	05/20/2015 4:42 PM	R59620
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	05/20/2015 4:42 PM	R59620
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	05/20/2015 4:42 PM	R59620
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	05/20/2015 4:42 PM	R59620
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	05/20/2015 4:42 PM	R59620
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	05/20/2015 4:42 PM	R59620
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	05/20/2015 4:42 PM	R59620
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	05/20/2015 4:42 PM	R59620
Ethylbenzene	ND	700	0.500		µg/L	1	05/20/2015 4:42 PM	R59620
Methylene chloride	ND	5.00	0.500		µg/L	1	05/20/2015 4:42 PM	R59620
Styrene	ND	100	0.500		µg/L	1	05/20/2015 4:42 PM	R59620
Tetrachloroethene	ND	5.00	0.500		µg/L	1	05/20/2015 4:42 PM	R59620
Toluene	ND	1,000	0.500		µg/L	1	05/20/2015 4:42 PM	R59620
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	05/20/2015 4:42 PM	R59620
Trichloroethene	ND	5.00	0.500		µg/L	1	05/20/2015 4:42 PM	R59620
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	05/20/2015 4:42 PM	R59620
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	05/20/2015 4:42 PM	R59620
Vinyl chloride	ND	2.00	0.500		µg/L	1	05/20/2015 4:42 PM	R59620
Total Xylenes	ND	10,000	0.500		µg/L	1	05/20/2015 4:42 PM	R59620
<u>Internal Quality Control Compounds</u>								
SS: 1,2-Dichlorobenzene-d4	84.8		70-130		%REC	1	05/20/2015 4:42 PM	R59620
SS: 4-Bromofluorobenzene	84.2		70-130		%REC	1	05/20/2015 4:42 PM	R59620
VOLATILE ORGANIC COMPOUNDS (UNREGULATED)			Method: EPA-524.2-Rev 4.1, 1995			Analyst: HR		
Methyl tert-butyl ether	ND		0.500	c	µg/L	1	05/20/2015 4:42 PM	R59620



Suburban Laboratories, Inc.

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Laboratory Results

Client ID: Sauk Village Water Department
Project Name: Volatile Organic Compounds

Report Date: May 27, 2015
Workorder: 1505E43

Client Sample ID: TP02

Matrix: DRINKING WATER

Lab ID: 1505E43-009

Date Received: 05/19/2015 3:30 PM

Collection Date: 05/19/2015 7:47 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS (REGULATED)			Method: EPA-524.2-Rev 4.1, 1995			Analyst: HR		
Benzene	ND	5.00	0.500		µg/L	1	05/20/2015 3:42 PM	R59620
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	05/20/2015 3:42 PM	R59620
Chlorobenzene	ND	100	0.500		µg/L	1	05/20/2015 3:42 PM	R59620
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	05/20/2015 3:42 PM	R59620
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	05/20/2015 3:42 PM	R59620
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	05/20/2015 3:42 PM	R59620
1,1-Dichloroethane	ND	7.00	0.500		µg/L	1	05/20/2015 3:42 PM	R59620
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	05/20/2015 3:42 PM	R59620
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	05/20/2015 3:42 PM	R59620
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	05/20/2015 3:42 PM	R59620
Ethylbenzene	ND	700	0.500		µg/L	1	05/20/2015 3:42 PM	R59620
Methylene chloride	ND	5.00	0.500		µg/L	1	05/20/2015 3:42 PM	R59620
Styrene	ND	100	0.500		µg/L	1	05/20/2015 3:42 PM	R59620
Tetrachloroethene	ND	5.00	0.500		µg/L	1	05/20/2015 3:42 PM	R59620
Toluene	ND	1,000	0.500		µg/L	1	05/20/2015 3:42 PM	R59620
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	05/20/2015 3:42 PM	R59620
Trichloroethene	ND	5.00	0.500		µg/L	1	05/20/2015 3:42 PM	R59620
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	05/20/2015 3:42 PM	R59620
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	05/20/2015 3:42 PM	R59620
Vinyl chloride	ND	2.00	0.500		µg/L	1	05/20/2015 3:42 PM	R59620
Total Xylenes	ND	10,000	0.500		µg/L	1	05/20/2015 3:42 PM	R59620
<u>Internal Quality Control Compounds</u>								
SS: 1,2-Dichlorobenzene-d4	84.2		70-130		%REC	1	05/20/2015 3:42 PM	R59620
SS: 4-Bromofluorobenzene	76.8		70-130		%REC	1	05/20/2015 3:42 PM	R59620
VOLATILE ORGANIC COMPOUNDS (UNREGULATED)			Method: EPA-524.2-Rev 4.1, 1995			Analyst: HR		
Methyl tert-butyl ether	ND		0.500	c	µg/L	1	05/20/2015 3:42 PM	R59620



Qualifiers:

*/X	Value exceeds Maximum Contaminant Level
B	Analyte detected in the associated Method Blank
C	Value is below Minimum Concentration Limit
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
P	Present
Q	Accreditation is not available from Wisconsin
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
T	Analyte detected in sample trip blank



Suburban Laboratories, Inc.
 4140 Litt Drive, Hillside, Illinois 60162-1183
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 www.suburbanlabs.com



IEPA #100225 IDPH #17585

Chain of Custody for Drinking Water Compliance Testing

Report To:
 Dave Overocker
 Sauk Village Water Department
 21801 Torrence Avenue
 Sauk Village, Illinois 60411

Phone: (708) 758-3330
 Project ID: 0312790 - VOC

Collected By: DAVID OVEROCKER

Sample Point	# Bott	Analysis	Date Collect	Time Collect	Lab Use Only
					Workorder:
					Lab Sample Number
TP01 TRTMT PLANT WELLS 1 AND 2	2	524_UNRE 524 G	5/19/15	8:30	1505E43
WL20600 WELL 1 AT TREATMENT PLANT 2217 220T	2	524_UNRE 524 G	5/19/15	8:20	
WL20601 WELL 2 AT TREATMENT PLANT 2217 220T	2	524_UNRE 524 G	5/19/15	8:05	
TRIP BLANK LAB PREPARED	1				

Relinquished By: [Signature] Date/Time 5/19/15

Received By: [Signature] Date/Time 5-19-15 15:30

Please provide any contact or address changes as needed.

Lab Use Only

Received on Ice: Yes No

Received Temperature: 3 °C

Received By: OK

Date Received: 5-19-15 Time Received: 15:30

Lab Delivery: Client UPS FedEx Mail Other



SUBURBAN LABORATORIES, Inc.
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Toll Free: 800.783.LABS

www.suburbanlabs.com

CHAIN OF CUSTODY RECORD # 128886

Company Name: **Sauk Village**
 Company Address: **21801 Torrence Ave**
 City: **Sauk Village** State: **IL** Zip: **60411**

Phone: **708 757 2423** Fax:
 Email Address:
 Project ID / Location: **VOC**

Project Manager (Report to): **David Overacker**
 Sample Collector(s) Name: **Eric Cook**

Final Report will be emailed: Yes No

Normal TAT is specified on the price quotation or fee schedule. Rush work must be pre-approved and additional charges apply. Specify Regulatory Program: Non/Info Only LUST SRP SDWA 503 Sludge NPDES MWRDGC Disposal Other *Please specify in comment section below.

TURNAROUND TIME REQUESTED: Normal RUSH* *Additional Rush Charges Approved.

ANALYSIS & METHOD REQUESTED: Enter an "X" in box below for request

Shipping Method:
 Reporting Level (at additional charge): 1 2 3 4
 LAB USE ONLY
 SII ORDER No. **1505E43**
 Sample containers supplied by customer? Yes No
 Temperature of Received Samples: **3** °C
 Samples received the same day as collection? Yes No
 R Condition Spill LAB #

SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type*	COLLECTION		MATRIX	GRAB/COMP. DV	CONTAINERS SIZE & TYPE	PRESERVATIVE	ANALYSIS & METHOD REQUESTED
	DATE	TIME					
1 WL 20602	5/19/15	7:34	L-W	2	40ml Glass		X VOC X VOC
2 TPO2	5/19/15	7:47	DW	2	40ml Glass		X
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

MAINTENANCE: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water (SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) CONTAINER: 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) PRESERVATIVE: H₂SO₄, HCl, HNO₃, Methanol (MeOH), NaOH, Sodium Borate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

CONDITION CODES:
 1. Improper/damaged container/cap
 2. Improper preservation
 3. Insufficient sample volume
 4. Headspace/air bubbles for VOCs
 5. Received past holding time
 6. Received frozen
 7. Label conflicts with COC

1. Requisitioned By: **David Overacker** Date: **5/19/15** Time: **11:10**
 Received By: **Eric Cook** Date: **5-19-15** Time: **15:30**
 2. Requisitioned By: **Eric Cook** Date: **5-19-15** Time: **15:30**
 Received By: **Eric Cook** Date: **5-19-15** Time: **15:30**
 3. Requisitioned By: **Eric Cook** Date: **5-19-15** Time: **15:30**
 Received By: **Eric Cook** Date: **5-19-15** Time: **15:30**
 4. Requisitioned By: **Eric Cook** Date: **5-19-15** Time: **15:30**
 Received By: **Eric Cook** Date: **5-19-15** Time: **15:30**

Submission of samples subject to Terms and Conditions on back. Rev. 07/2008 Write-Original, Pink-Sampler Copy

SUBURBAN LABORATORIES, Inc.



1950 S. Batavia Ave., Suite 150, Geneva, IL 60134
Tel (708) 544-3260 Toll Free (800) 783-5227
Fax (708) 544-8587
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May 19, 2015

Dave Overocker
Sauk Village Water Department
21801 Torrence Avenue
Sauk Village, IL 60411

Work Order: 1504L38

TEL: (708) 757-2423
FAX: (708) 758-8297
RE: Volatile Organic Compounds

Dear Dave Overocker:

All data for the associated quality control (QC) met EPA, method, or internal laboratory specifications except where noted in the case narrative. If you are comparing these results to external QC specifications or compliance limits and have any questions, please contact us.

This final report of laboratory analysis consists of this cover letter, case narrative, analytical report, dates report, and any accompanying documentation including, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

If you have any questions regarding these test results, please call me at (708) 544-3260.

Sincerely,

Pat Rodriguez
Customer Service Manager
708-544-3260 ext. 214
pat@suburbanlabs.com

Illinois Department of Public Health #17585



Illinois EPA #100225 Wisconsin FID#:399089350

Rpt Ver: 5/19/2015 4:06 PM

SUBURBAN LABORATORIES, Inc.

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



Case Narrative

Client: Sauk Village Water

Date: May 19, 2015

Project: Volatile Organic Compounds

PO:

WorkOrder: 1504L38

QC Level: LEVEL I

Temperature of samples upon receipt at lab: 3 C

Chain of Custody: 124900

General Comments:

- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated.
- For more information about the laboratories' scope of accreditation, please contact us at (708) 544-3260 or the Agency at (217) 782-6455.
- All water analyses that are required to be performed in the field (e.g., pH, residual chlorine, sulfite, temperature, etc.) but are analyzed in the lab are identified as "in lab" and are considered past holding time. Following industry practices these results do not contain an "H" flag but are qualified as being analyzed in the lab.

Abbreviations:

- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS (Surrogate Standard): Quality control compound added to the sample by the lab.

Method References:

For a complete list of method references please contact us.

- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Workorder Specific Comments:

Rpt Ver: 5/19/2015 4:06 PM

SUBURBAN LABORATORIES, Inc.



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

Laboratory Results

Client: Sauk Village Water Department

Report Date: May 19, 2015

Project: Volatile Organic Compounds

Workorder: 1504L38

Client Sample ID: TP02

Matrix: Drinking Water

Lab ID: 1504L38-001

Date Received: 4/28/2015 15:05 PM

Collection Date: 4/28/2015 0:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: HR		
Benzene	ND	5.00	0.500		µg/L	1	4/29/2015 3:11 PM	R58850
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	4/29/2015 3:11 PM	R58850
Chlorobenzene	ND	100	0.500		µg/L	1	4/29/2015 3:11 PM	R58850
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	4/29/2015 3:11 PM	R58850
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	4/29/2015 3:11 PM	R58850
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	4/29/2015 3:11 PM	R58850
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	4/29/2015 3:11 PM	R58850
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	4/29/2015 3:11 PM	R58850
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	4/29/2015 3:11 PM	R58850
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	4/29/2015 3:11 PM	R58850
Ethylbenzene	ND	700	0.500		µg/L	1	4/29/2015 3:11 PM	R58850
Methylene chloride	ND	5.00	0.500		µg/L	1	4/29/2015 3:11 PM	R58850
Styrene	ND	100	0.500		µg/L	1	4/29/2015 3:11 PM	R58850
Tetrachloroethene	ND	5.00	0.500		µg/L	1	4/29/2015 3:11 PM	R58850
Toluene	ND	1,000	0.500		µg/L	1	4/29/2015 3:11 PM	R58850
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	4/29/2015 3:11 PM	R58850
Trichloroethene	ND	5.00	0.500		µg/L	1	4/29/2015 3:11 PM	R58850
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	4/29/2015 3:11 PM	R58850
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	4/29/2015 3:11 PM	R58850
Vinyl chloride	ND	2.00	0.500		µg/L	1	4/29/2015 3:11 PM	R58850
Total Xylenes	ND	10,000	0.500		µg/L	1	4/29/2015 3:11 PM	R58850
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	101		70-130		%REC	1	4/29/2015 3:11 PM	R58850
Surr: 4-Bromofluorobenzene	91.8		70-130		%REC	1	4/29/2015 3:11 PM	R58850
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: HR		
Methyl tert-butyl ether	ND		0.500		µg/L	1	4/29/2015 3:11 PM	R58850

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: May 19, 2015

Project: Volatile Organic Compounds

Workorder: 1504L38

Client Sample ID: WL20602

Matrix: Drinking Water

Lab ID: 1504L38-003

Date Received: 4/28/2015 15:05 PM

Collection Date: 4/28/2015 0:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: HR		
Benzene	ND	5.00	0.500		µg/L	1	4/29/2015 3:43 PM	R58850
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	4/29/2015 3:43 PM	R58850
Chlorobenzene	ND	100	0.500		µg/L	1	4/29/2015 3:43 PM	R58850
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	4/29/2015 3:43 PM	R58850
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	4/29/2015 3:43 PM	R58850
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	4/29/2015 3:43 PM	R58850
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	4/29/2015 3:43 PM	R58850
cis-1,2-Dichloroethene	0.740	70.0	0.500		µg/L	1	4/29/2015 3:43 PM	R58850
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	4/29/2015 3:43 PM	R58850
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	4/29/2015 3:43 PM	R58850
Ethylbenzene	ND	700	0.500		µg/L	1	4/29/2015 3:43 PM	R58850
Methylene chloride	ND	5.00	0.500		µg/L	1	4/29/2015 3:43 PM	R58850
Styrene	ND	100	0.500		µg/L	1	4/29/2015 3:43 PM	R58850
Tetrachloroethene	ND	5.00	0.500		µg/L	1	4/29/2015 3:43 PM	R58850
Toluene	ND	1,000	0.500		µg/L	1	4/29/2015 3:43 PM	R58850
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	4/29/2015 3:43 PM	R58850
Trichloroethene	ND	5.00	0.500		µg/L	1	4/29/2015 3:43 PM	R58850
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	4/29/2015 3:43 PM	R58850
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	4/29/2015 3:43 PM	R58850
Vinyl chloride	2.72	2.00	0.500	*	µg/L	1	4/29/2015 3:43 PM	R58850
Total Xylenes	ND	10,000	0.500		µg/L	1	4/29/2015 3:43 PM	R58850
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	98.4		70-130		%REC	1	4/29/2015 3:43 PM	R58850
Surr: 4-Bromofluorobenzene	89.4		70-130		%REC	1	4/29/2015 3:43 PM	R58850
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: HR		
Methyl tert-butyl ether	ND		0.500		µg/L	1	4/29/2015 3:43 PM	R58850

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: May 19, 2015

Project: Volatile Organic Compounds

Workorder: 1504L38

Client Sample ID: WL20602 TRIP BLANK

Matrix: Deionized Water

Lab ID: 1504L38-004

Date Received: 4/28/2015 15:05 PM

Collection Date: 4/28/2015 0:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: HR		
Benzene	ND	5.00	0.500		µg/L	1	4/29/2015 6:09 PM	R58850
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	4/29/2015 6:09 PM	R58850
Chlorobenzene	ND	100	0.500		µg/L	1	4/29/2015 6:09 PM	R58850
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	4/29/2015 6:09 PM	R58850
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	4/29/2015 6:09 PM	R58850
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	4/29/2015 6:09 PM	R58850
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	4/29/2015 6:09 PM	R58850
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	4/29/2015 6:09 PM	R58850
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	4/29/2015 6:09 PM	R58850
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	4/29/2015 6:09 PM	R58850
Ethylbenzene	ND	700	0.500		µg/L	1	4/29/2015 6:09 PM	R58850
Methylene chloride	ND	5.00	0.500		µg/L	1	4/29/2015 6:09 PM	R58850
Styrene	ND	100	0.500		µg/L	1	4/29/2015 6:09 PM	R58850
Tetrachloroethene	ND	5.00	0.500		µg/L	1	4/29/2015 6:09 PM	R58850
Toluene	ND	1,000	0.500		µg/L	1	4/29/2015 6:09 PM	R58850
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	4/29/2015 6:09 PM	R58850
Trichloroethene	ND	5.00	0.500		µg/L	1	4/29/2015 6:09 PM	R58850
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	4/29/2015 6:09 PM	R58850
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	4/29/2015 6:09 PM	R58850
Vinyl chloride	ND	2.00	0.500		µg/L	1	4/29/2015 6:09 PM	R58850
Total Xylenes	ND	10,000	0.500		µg/L	1	4/29/2015 6:09 PM	R58850
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	101		70-130		%REC	1	4/29/2015 6:09 PM	R58850
Surr: 4-Bromofluorobenzene	98.2		70-130		%REC	1	4/29/2015 6:09 PM	R58850
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: HR		
Methyl tert-butyl ether	ND		0.500		µg/L	1	4/29/2015 6:09 PM	R58850



Qualifier Definitions

Report Date: May 19, 2015

WorkOrder: 1504L38

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- c Analyte not in SLI scope of accreditation
- C Value is below Minimum Concentration Limit
- 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 compound
- ND Not Detected at the Reporting Limit
- P Present
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits



SUBURBAN LABORATORIES, Inc.
 1950 S. Batavia Ave., Ste 150, Geneva, IL 60134
 Tel. 708.544.3260 Fax: 708.544.8587 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

124900

Company Name: **Village of Sauk Village # IL031274**
 Company Address: **21801 Torrey Pines Ave**

City: **Sauk Village IL** State: **IL** Zip: **60411**
 Phone: **708 257 2423** Fax:
 Email Address:
 Project ID / Location: **VOC**

Project Manager (Report to): **David Overacker**
 Sample Collector(s) Name: **Eric Cook**

TURNAROUND TIME REQUESTED
 Normal RUSH*
 *Additional Rush Changes Approved

Date & Time Needed: _____
 Normal TAT is specified on the price quotation or fee schedule. Rush work must be pre-approved and additional charges apply.

Specify Regulatory Program: None/info Only (Required)
 LUST SRP CCDD
 503 Sludge NPDES LUST
 Disposal Other* REIMBURSEMENT
 *Please specify in comment section below.

SAMPLE IDENTIFICATION	COLLECTION		MATRIX	GRAV/COMP	CONTAINERS	PRESERVATIVE	ANALYSIS & METHOD REQUESTED	Shipping Method	Page of
	DATE	TIME							
1 TPO2	4/28/15		DW	2	40ML GRASS				
2 WL 20602	4/28/15		GW	2	40ML GLASS				
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water (SW), Ground Water (GW), Solid Waste (VA), Sludge (U), Wipe (P) CONTAINERS: 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) PRESERVATIVE: H2SO4, HCl, HNO3, Methanol (MeOH), NaOH, Sodium Disulfate (Na2S2), Nuthio

COMMENTS & SPECIAL INSTRUCTIONS:
 #0312790

CONDITION GRDES
 1. Improperly designed container/cap
 2. Improper preservation
 3. Insufficient sample volume
 4. Headspace/bubble for VOCs
 5. Rinsed past holding time
 6. Received frozen
 7. Label conflicts with COC

1. Relinquished By	Date	2. Relinquished By	Date	3. Relinquished By	Date	4. Relinquished By	Date
<i>Eric Cook</i>	4/28/15	<i>David Overacker</i>	4/28/15				
<i>Eric Cook</i>	8:45am	<i>David Overacker</i>	15:05				

Submitters of samples subject to Terms and Conditions on back. R/LV 07/20/08 Write-Original Pink-Sampler Copy

SUBURBAN LABORATORIES, Inc.



1950 S. Batavia Ave., Suite 150, Geneva, IL 60134
Tel (708) 544-3260 Toll Free (800) 783-5227
Fax (708) 544-8587
www.suburbanlabs.com

May 15, 2015

Dave Overocker

Work Order: 1505171

Sauk Village Water Department
21801 Torrence Avenue
Sauk Village, IL 60411

TEL: (708) 757-2423

FAX: (708) 758-8297

RE: Volatile Organic Compounds

Dear Dave Overocker:

All data for the associated quality control (QC) met EPA, method, or internal laboratory specifications except where noted in the case narrative. If you are comparing these results to external QC specifications or compliance limits and have any questions, please contact us.

This final report of laboratory analysis consists of this cover letter, case narrative, analytical report, dates report, and any accompanying documentation including, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

If you have any questions regarding these test results, please call me at (708) 544-3260.

Sincerely,

Pat Rodriguez
Customer Service Manager
708-544-3260 ext. 214
pat@suburbanlabs.com



Illinois Department of Public Health #17585

Illinois EPA #100225 Wisconsin FID#:399089350

Rpt Ver: 5/15/2015 12:00 PM

SUBURBAN LABORATORIES, Inc.

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



Case Narrative

Client: Sauk Village Water

Date: May 15, 2015

Project: Volatile Organic Compounds

PO:

WorkOrder: 1505171

QC Level: LEVEL I

Temperature of samples upon receipt at lab: 1 C

Chain of Custody: 88055

General Comments:

- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated.
- For more information about the laboratories' scope of accreditation, please contact us at (708) 544-3260 or the Agency at (217) 782-6455.
- All water analyses that are required to be performed in the field (e.g., pH, residual chlorine, sulfite, temperature, etc.) but are analyzed in the lab are identified as "in lab" and are considered past holding time. Following industry practices these results do not contain an "H" flag but are qualified as being analyzed in the lab.

Abbreviations:

- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS (Surrogate Standard): Quality control compound added to the sample by the lab.

Method References:

For a complete list of method references please contact us.

- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Workorder Specific Comments:

Rpt Ver: 5/15/2015 12:00 PM

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: May 15, 2015

Project: Volatile Organic Compounds

Workorder: 1505171

Client Sample ID: AS FINISHED

Matrix: Drinking Water

Lab ID: 1505171-001

Date Received: 5/4/2015 12:25 PM

Collection Date: 5/4/2015 10:30 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Benzene	ND	5.00	0.500		µg/L	1	5/5/2015 2:52 PM	R59093
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	5/5/2015 2:52 PM	R59093
Chlorobenzene	ND	100	0.500		µg/L	1	5/5/2015 2:52 PM	R59093
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	5/5/2015 2:52 PM	R59093
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	5/5/2015 2:52 PM	R59093
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	5/5/2015 2:52 PM	R59093
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	5/5/2015 2:52 PM	R59093
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	5/5/2015 2:52 PM	R59093
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	5/5/2015 2:52 PM	R59093
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	5/5/2015 2:52 PM	R59093
Ethylbenzene	ND	700	0.500		µg/L	1	5/5/2015 2:52 PM	R59093
Methylene chloride	ND	5.00	0.500		µg/L	1	5/5/2015 2:52 PM	R59093
Styrene	ND	100	0.500		µg/L	1	5/5/2015 2:52 PM	R59093
Tetrachloroethene	ND	5.00	0.500		µg/L	1	5/5/2015 2:52 PM	R59093
Toluene	ND	1,000	0.500		µg/L	1	5/5/2015 2:52 PM	R59093
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	5/5/2015 2:52 PM	R59093
Trichloroethene	ND	5.00	0.500		µg/L	1	5/5/2015 2:52 PM	R59093
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	5/5/2015 2:52 PM	R59093
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	5/5/2015 2:52 PM	R59093
Vinyl chloride	ND	2.00	0.500		µg/L	1	5/5/2015 2:52 PM	R59093
Total Xylenes	0.650	10,000	0.500	J	µg/L	1	5/5/2015 2:52 PM	R59093
<u>Internal Quality Control Compounds</u>								
Surr: 1,2-Dichlorobenzene-d4	100		70-130		%REC	1	5/5/2015 2:52 PM	R59093
Surr: 4-Bromofluorobenzene	91.6		70-130		%REC	1	5/5/2015 2:52 PM	R59093
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Methyl tert-butyl ether	ND		0.500		µg/L	1	5/5/2015 2:52 PM	R59093

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: May 15, 2015

Project: Volatile Organic Compounds

Workorder: 1505171

Client Sample ID: AS FINISHED TRIP BLANK

Matrix: Deionized Water

Lab ID: 1505171-002

Date Received: 5/4/2015 12:25 PM

Collection Date: 5/4/2015 0:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995	Analyst: ks				
Benzene	ND	5.00	0.500		µg/L	1	5/6/2015 2:41 PM	R59126
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	5/6/2015 2:41 PM	R59126
Chlorobenzene	ND	100	0.500		µg/L	1	5/6/2015 2:41 PM	R59126
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	5/6/2015 2:41 PM	R59126
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	5/6/2015 2:41 PM	R59126
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	5/6/2015 2:41 PM	R59126
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	5/6/2015 2:41 PM	R59126
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	5/6/2015 2:41 PM	R59126
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	5/6/2015 2:41 PM	R59126
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	5/6/2015 2:41 PM	R59126
Ethylbenzene	ND	700	0.500		µg/L	1	5/6/2015 2:41 PM	R59126
Methylene chloride	ND	5.00	0.500		µg/L	1	5/6/2015 2:41 PM	R59126
Styrene	ND	100	0.500		µg/L	1	5/6/2015 2:41 PM	R59126
Tetrachloroethene	ND	5.00	0.500		µg/L	1	5/6/2015 2:41 PM	R59126
Toluene	ND	1,000	0.500		µg/L	1	5/6/2015 2:41 PM	R59126
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	5/6/2015 2:41 PM	R59126
Trichloroethene	ND	5.00	0.500		µg/L	1	5/6/2015 2:41 PM	R59126
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	5/6/2015 2:41 PM	R59126
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	5/6/2015 2:41 PM	R59126
Vinyl chloride	ND	2.00	0.500		µg/L	1	5/6/2015 2:41 PM	R59126
Total Xylenes	ND	10,000	0.500		µg/L	1	5/6/2015 2:41 PM	R59126
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	99.2		70-130		%REC	1	5/6/2015 2:41 PM	R59126
Surr: 4-Bromofluorobenzene	97.2		70-130		%REC	1	5/6/2015 2:41 PM	R59126
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995	Analyst: ks				
Methyl tert-butyl ether	ND		0.500		µg/L	1	5/6/2015 2:41 PM	R59126



Report Date: May 15, 2015

WorkOrder: 1505171

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- c Analyte not in SLI scope of accreditation
- C Value is below Minimum Concentration Limit
- 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 compound
- ND Not Detected at the Reporting Limit
- P Present
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits



SUBURBAN LABORATORIES, Inc.
 4140 Litt Drive Hillside, IL 60162
 Tel. 708.544.3260 Fax: 708.544.8587

CHAIN OF CUSTODY RECORD
 Toll Free: 800.783.LABS
 www.suburbanlabs.com

88055

Company Name: **Sauk Village IL #0312790**

Company Address: **21801 Torrence Ave**

City: **Sauk Village** State: **IL** Zip: **60411**

Phone: **708 757 2423** Fax: **708 757-6627**

Project ID / Location: **VOC AIRSTRIPPER FINISHED**

Project Manager (Report to): **David Overrocker**

Sample Collector(s) Name: **David Overrocker**

TURNAROUND TIME REQUESTED
 Normal RUSH*
 *Additional Rush Charges Approved

Date & Time Needed: **5-7-15 AM.**

Normal TAT is specified on the price quotation or fee schedule. Rush work must be pre-approved and additional charges apply.

Specify Regulatory Program: None/info Only

LUST SRP SDWA

503 Sludge NPDES MWRDGC

Disposal Other*
 *Please specify in comment section below.

ANALYSIS & METHOD REQUESTED
 Enter an "X" in box below for request

Page of
 PO No.

Shipping Method

Reporting Level (at additional charge) 1 2 3 4

LAB USE ONLY

SU ORDER No. **150571**

Sample containers supplied by customer? Yes No

Temperature of Received Samples °C °F

Samples received the same day as collection? Yes No

R Condition Split LAB # **1A**

SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type*	COLLECTION		MATRIX	GRAB/COMP.	CONTAINERS QTY SIZE & TYPE	PRESERVATIVE	ANALYSIS & METHOD REQUESTED							
	DATE	TIME					1	2	3	4				
1 AS FINISHED	5/4/15	10:30	DW	2	40 ml glass									
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														

COMMENTS & SPECIAL INSTRUCTIONS:

New construction permit # 0979 FY 2013
 MAIN STATION

CONDITION SCORES

1. Improper/damaged container/cap
2. Improper preservation
3. Insufficient sample volume
4. Headspace/bubbles for VOCs
5. Received past holding time
6. Received frozen
7. Label conflicts with COC

1. Requisitioned By: **Paul Rob** Date: **5.4.15**

2. Requisitioned By: **RE 7E** Date: **5.4.15**

3. Requisitioned By: _____ Date: _____

4. Requisitioned By: _____ Date: _____

Received By: **Paul Rob** Time: **12:25** Also present: Ice present:

Received By: **RE 7E** Time: _____ Also present: Ice present:

Received By: _____ Time: _____ Also present: Ice present:

Received By: _____ Time: _____ Also present: Ice present:

Submission of samples subject to Terms and Conditions on back.

Rev. 07/2008

Write-Original, Pink-Sampler Copy



May 04, 2015

Dave Overocker
Sauk Village Water Department
21801 Torrence Avenue
Sauk Village, IL 60411

Work Order: 1504G11

TEL: (708) 757-2423
FAX: (708) 758-8297
RE: Volatile Organic Compounds

Dear Dave Overocker:

All data for the associated quality control (QC) met EPA, method, or internal laboratory specifications except where noted in the case narrative. If you are comparing these results to external QC specifications or compliance limits and have any questions, please contact us.

This final report of laboratory analysis consists of this cover letter, case narrative, analytical report, dates report, and any accompanying documentation including, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

If you have any questions regarding these test results, please call me at (708) 544-3260.

Sincerely,

Pat Rodriguez
Customer Service Manager
708-544-3260 ext. 214
pat@suburbanlabs.com



SUBURBAN LABORATORIES, Inc.

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



Case Narrative

Client: Sauk Village Water

Date: May 04, 2015

Project: Volatile Organic Compounds

PO:

WorkOrder: 1504G11

QC Level: LEVEL I

Temperature of samples upon receipt at lab: 3 C

Chain of Custody:

General Comments:

- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated.
- For more information about the laboratories' scope of accreditation, please contact us at (708) 544-3260 or the Agency at (217) 782-6455.
- All water analyses that are required to be performed in the field (e.g., pH, residual chlorine, sulfite, temperature, etc.) but are analyzed in the lab are identified as "in lab" and are considered past holding time. Following industry practices these results do not contain an "H" flag but are qualified as being analyzed in the lab.

Abbreviations:

- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS (Surrogate Standard): Quality control compound added to the sample by the lab.

Method References:

For a complete list of method references please contact us.

- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Workorder Specific Comments:

Rpt Ver: 5/4/2015 4:47 PM

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: May 04, 2015

Project: Volatile Organic Compounds

Workorder: 1504G11

Client Sample ID: TP01

Matrix: Drinking Water

Lab ID: 1504G11-001

Date Received: 4/21/2015 16:00 PM

Collection Date: 4/21/2015 8:50 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Benzene	ND	5.00	0.500		µg/L	1	4/28/2015 1:34 PM	R58880
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	4/28/2015 1:34 PM	R58880
Chlorobenzene	ND	100	0.500		µg/L	1	4/28/2015 1:34 PM	R58880
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	4/28/2015 1:34 PM	R58880
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	4/28/2015 1:34 PM	R58880
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	4/28/2015 1:34 PM	R58880
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	4/28/2015 1:34 PM	R58880
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	4/28/2015 1:34 PM	R58880
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	4/28/2015 1:34 PM	R58880
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	4/28/2015 1:34 PM	R58880
Ethylbenzene	ND	700	0.500		µg/L	1	4/28/2015 1:34 PM	R58880
Methylene chloride	ND	5.00	0.500		µg/L	1	4/28/2015 1:34 PM	R58880
Styrene	ND	100	0.500		µg/L	1	4/28/2015 1:34 PM	R58880
Tetrachloroethene	ND	5.00	0.500		µg/L	1	4/28/2015 1:34 PM	R58880
Toluene	ND	1,000	0.500		µg/L	1	4/28/2015 1:34 PM	R58880
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	4/28/2015 1:34 PM	R58880
Trichloroethene	ND	5.00	0.500		µg/L	1	4/28/2015 1:34 PM	R58880
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	4/28/2015 1:34 PM	R58880
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	4/28/2015 1:34 PM	R58880
Vinyl chloride	ND	2.00	0.500		µg/L	1	4/28/2015 1:34 PM	R58880
Total Xylenes	0.650	10,000	0.500	J	µg/L	1	4/28/2015 1:34 PM	R58880
<u>Internal Quality Control Compounds</u>								
Surr: 1,2-Dichlorobenzene-d4	102		70-130		%REC	1	4/28/2015 1:34 PM	R58880
Surr: 4-Bromofluorobenzene	93.2		70-130		%REC	1	4/28/2015 1:34 PM	R58880
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Methyl tert-butyl ether	ND		0.500		µg/L	1	4/28/2015 1:34 PM	R58880

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: May 04, 2015

Project: Volatile Organic Compounds

Workorder: 1504G11

Client Sample ID: TP01 TRIP BLANK

Matrix: Deionized Water

Lab ID: 1504G11-002

Date Received: 4/21/2015 16:00 PM

Collection Date: 4/21/2015 0:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Benzene	ND	5.00	0.500		µg/L	1	4/28/2015 3:21 PM	R58880
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	4/28/2015 3:21 PM	R58880
Chlorobenzene	ND	100	0.500		µg/L	1	4/28/2015 3:21 PM	R58880
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	4/28/2015 3:21 PM	R58880
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	4/28/2015 3:21 PM	R58880
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	4/28/2015 3:21 PM	R58880
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	4/28/2015 3:21 PM	R58880
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	4/28/2015 3:21 PM	R58880
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	4/28/2015 3:21 PM	R58880
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	4/28/2015 3:21 PM	R58880
Ethylbenzene	ND	700	0.500		µg/L	1	4/28/2015 3:21 PM	R58880
Methylene chloride	ND	5.00	0.500		µg/L	1	4/28/2015 3:21 PM	R58880
Styrene	ND	100	0.500		µg/L	1	4/28/2015 3:21 PM	R58880
Tetrachloroethene	ND	5.00	0.500		µg/L	1	4/28/2015 3:21 PM	R58880
Toluene	ND	1,000	0.500		µg/L	1	4/28/2015 3:21 PM	R58880
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	4/28/2015 3:21 PM	R58880
Trichloroethene	ND	5.00	0.500		µg/L	1	4/28/2015 3:21 PM	R58880
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	4/28/2015 3:21 PM	R58880
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	4/28/2015 3:21 PM	R58880
Vinyl chloride	ND	2.00	0.500		µg/L	1	4/28/2015 3:21 PM	R58880
Total Xylenes	ND	10,000	0.500		µg/L	1	4/28/2015 3:21 PM	R58880
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	105		70-130		%REC	1	4/28/2015 3:21 PM	R58880
Surr: 4-Bromofluorobenzene	98.2		70-130		%REC	1	4/28/2015 3:21 PM	R58880
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Methyl tert-butyl ether	ND		0.500		µg/L	1	4/28/2015 3:21 PM	R58880

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: May 04, 2015

Project: Volatile Organic Compounds

Workorder: 1504G11

Client Sample ID: WL20600

Matrix: Drinking Water

Lab ID: 1504G11-003

Date Received: 4/21/2015 16:00 PM

Collection Date: 4/21/2015 9:15 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Benzene	ND	5.00	0.500		µg/L	1	4/28/2015 2:08 PM	R58880
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	4/28/2015 2:08 PM	R58880
Chlorobenzene	ND	100	0.500		µg/L	1	4/28/2015 2:08 PM	R58880
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	4/28/2015 2:08 PM	R58880
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	4/28/2015 2:08 PM	R58880
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	4/28/2015 2:08 PM	R58880
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	4/28/2015 2:08 PM	R58880
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	4/28/2015 2:08 PM	R58880
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	4/28/2015 2:08 PM	R58880
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	4/28/2015 2:08 PM	R58880
Ethylbenzene	ND	700	0.500		µg/L	1	4/28/2015 2:08 PM	R58880
Methylene chloride	ND	5.00	0.500		µg/L	1	4/28/2015 2:08 PM	R58880
Styrene	ND	100	0.500		µg/L	1	4/28/2015 2:08 PM	R58880
Tetrachloroethene	ND	5.00	0.500		µg/L	1	4/28/2015 2:08 PM	R58880
Toluene	ND	1,000	0.500		µg/L	1	4/28/2015 2:08 PM	R58880
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	4/28/2015 2:08 PM	R58880
Trichloroethene	ND	5.00	0.500		µg/L	1	4/28/2015 2:08 PM	R58880
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	4/28/2015 2:08 PM	R58880
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	4/28/2015 2:08 PM	R58880
Vinyl chloride	ND	2.00	0.500		µg/L	1	4/28/2015 2:08 PM	R58880
Total Xylenes	0.640	10,000	0.500	J	µg/L	1	4/28/2015 2:08 PM	R58880
<u>Internal Quality Control Compounds</u>								
Surr: 1,2-Dichlorobenzene-d4	103		70-130		%REC	1	4/28/2015 2:08 PM	R58880
Surr: 4-Bromofluorobenzene	94.2		70-130		%REC	1	4/28/2015 2:08 PM	R58880
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Methyl tert-butyl ether	ND		0.500		µg/L	1	4/28/2015 2:08 PM	R58880

SUBURBAN LABORATORIES, Inc.



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

Laboratory Results

Client: Sauk Village Water Department

Report Date: May 04, 2015

Project: Volatile Organic Compounds

Workorder: 1504G11

Client Sample ID: WL20600 TRIP BLANK

Matrix: Deionized Water

Lab ID: 1504G11-004

Date Received: 4/21/2015 16:00 PM

Collection Date: 4/21/2015 0:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Benzene	ND	5.00	0.500		µg/L	1	4/28/2015 3:59 PM	R58880
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	4/28/2015 3:59 PM	R58880
Chlorobenzene	ND	100	0.500		µg/L	1	4/28/2015 3:59 PM	R58880
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	4/28/2015 3:59 PM	R58880
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	4/28/2015 3:59 PM	R58880
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	4/28/2015 3:59 PM	R58880
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	4/28/2015 3:59 PM	R58880
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	4/28/2015 3:59 PM	R58880
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	4/28/2015 3:59 PM	R58880
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	4/28/2015 3:59 PM	R58880
Ethylbenzene	ND	700	0.500		µg/L	1	4/28/2015 3:59 PM	R58880
Methylene chloride	ND	5.00	0.500		µg/L	1	4/28/2015 3:59 PM	R58880
Styrene	ND	100	0.500		µg/L	1	4/28/2015 3:59 PM	R58880
Tetrachloroethene	ND	5.00	0.500		µg/L	1	4/28/2015 3:59 PM	R58880
Toluene	ND	1,000	0.500		µg/L	1	4/28/2015 3:59 PM	R58880
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	4/28/2015 3:59 PM	R58880
Trichloroethene	ND	5.00	0.500		µg/L	1	4/28/2015 3:59 PM	R58880
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	4/28/2015 3:59 PM	R58880
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	4/28/2015 3:59 PM	R58880
Vinyl chloride	ND	2.00	0.500		µg/L	1	4/28/2015 3:59 PM	R58880
Total Xylenes	ND	10,000	0.500		µg/L	1	4/28/2015 3:59 PM	R58880
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	106		70-130		%REC	1	4/28/2015 3:59 PM	R58880
Surr: 4-Bromofluorobenzene	100		70-130		%REC	1	4/28/2015 3:59 PM	R58880
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Methyl tert-butyl ether	ND		0.500		µg/L	1	4/28/2015 3:59 PM	R58880

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: May 04, 2015

Project: Volatile Organic Compounds

Workorder: 1504G11

Client Sample ID: WL20601

Matrix: Drinking Water

Lab ID: 1504G11-005

Date Received: 4/21/2015 16:00 PM

Collection Date: 4/21/2015 10:15 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Benzene	ND	5.00	0.500		µg/L	1	4/28/2015 2:44 PM	R58880
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	4/28/2015 2:44 PM	R58880
Chlorobenzene	ND	100	0.500		µg/L	1	4/28/2015 2:44 PM	R58880
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	4/28/2015 2:44 PM	R58880
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	4/28/2015 2:44 PM	R58880
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	4/28/2015 2:44 PM	R58880
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	4/28/2015 2:44 PM	R58880
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	4/28/2015 2:44 PM	R58880
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	4/28/2015 2:44 PM	R58880
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	4/28/2015 2:44 PM	R58880
Ethylbenzene	ND	700	0.500		µg/L	1	4/28/2015 2:44 PM	R58880
Methylene chloride	ND	5.00	0.500		µg/L	1	4/28/2015 2:44 PM	R58880
Styrene	ND	100	0.500		µg/L	1	4/28/2015 2:44 PM	R58880
Tetrachloroethene	ND	5.00	0.500		µg/L	1	4/28/2015 2:44 PM	R58880
Toluene	ND	1,000	0.500		µg/L	1	4/28/2015 2:44 PM	R58880
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	4/28/2015 2:44 PM	R58880
Trichloroethene	ND	5.00	0.500		µg/L	1	4/28/2015 2:44 PM	R58880
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	4/28/2015 2:44 PM	R58880
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	4/28/2015 2:44 PM	R58880
Vinyl chloride	ND	2.00	0.500		µg/L	1	4/28/2015 2:44 PM	R58880
Total Xylenes	ND	10,000	0.500		µg/L	1	4/28/2015 2:44 PM	R58880
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	102		70-130		%REC	1	4/28/2015 2:44 PM	R58880
Surr: 4-Bromofluorobenzene	92.0		70-130		%REC	1	4/28/2015 2:44 PM	R58880
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Methyl tert-butyl ether	ND		0.500		µg/L	1	4/28/2015 2:44 PM	R58880

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: May 04, 2015

Project: Volatile Organic Compounds

Workorder: 1504G11

Client Sample ID: WL20601 TRIP BLANK

Matrix: Deionized Water

Lab ID: 1504G11-006

Date Received: 4/21/2015 16:00 PM

Collection Date: 4/21/2015 0:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Benzene	ND	5.00	0.500		µg/L	1	4/28/2015 4:36 PM	R58880
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	4/28/2015 4:36 PM	R58880
Chlorobenzene	ND	100	0.500		µg/L	1	4/28/2015 4:36 PM	R58880
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	4/28/2015 4:36 PM	R58880
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	4/28/2015 4:36 PM	R58880
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	4/28/2015 4:36 PM	R58880
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	4/28/2015 4:36 PM	R58880
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	4/28/2015 4:36 PM	R58880
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	4/28/2015 4:36 PM	R58880
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	4/28/2015 4:36 PM	R58880
Ethylbenzene	ND	700	0.500		µg/L	1	4/28/2015 4:36 PM	R58880
Methylene chloride	ND	5.00	0.500		µg/L	1	4/28/2015 4:36 PM	R58880
Styrene	ND	100	0.500		µg/L	1	4/28/2015 4:36 PM	R58880
Tetrachloroethene	ND	5.00	0.500		µg/L	1	4/28/2015 4:36 PM	R58880
Toluene	ND	1,000	0.500		µg/L	1	4/28/2015 4:36 PM	R58880
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	4/28/2015 4:36 PM	R58880
Trichloroethene	ND	5.00	0.500		µg/L	1	4/28/2015 4:36 PM	R58880
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	4/28/2015 4:36 PM	R58880
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	4/28/2015 4:36 PM	R58880
Vinyl chloride	ND	2.00	0.500		µg/L	1	4/28/2015 4:36 PM	R58880
Total Xylenes	ND	10,000	0.500		µg/L	1	4/28/2015 4:36 PM	R58880
<u>Internal Quality Control Compounds</u>								
Surr: 1,2-Dichlorobenzene-d4	107		70-130		%REC	1	4/28/2015 4:36 PM	R58880
Surr: 4-Bromofluorobenzene	101		70-130		%REC	1	4/28/2015 4:36 PM	R58880
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Methyl tert-butyl ether	ND		0.500		µg/L	1	4/28/2015 4:36 PM	R58880



Report Date: May 04, 2015

WorkOrder: 1504G11

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- c Analyte not in SLI scope of accreditation
- C Value is below Minimum Concentration Limit
- 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 compound
- ND Not Detected at the Reporting Limit
- P Present
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits



Suburban Laboratories, Inc.

1950 S. Batavia Ave., Suite 150, Geneva, Illinois 60134
Tel. (708) 544-3260 Toll Free (800) 783-LABS Fax (708) 544-8587
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IEPA #100225 IDPH #17585

Chain of Custody for Drinking Water Compliance Testing

Report To:
Dave Overocker
Sauk Village Water Department
21801 Torrence Avenue
Sauk Village, IL 60411

Phone: (708) 758-3330
Project ID: 0312790 - VOC

Collection Month: April 2015

Collected By: _____

IMPORTANT: Verify Sampling dates and sampling sites with IEPA Demand Notice

Workorder Lab Use Only
1504611
Lab Sample Number

Sample Point	# Bott	Analysis	Date Collect	Time Collect	Lab Sample Number
TP01 TRTMT PLANT WELLS 1 AND 2	2	524_UNRE 524 G	4-21-15	8:50	1A
WL20600 WELL 1 AT TREATMENT PLANT 2217 220T	2	524_UNRE 524 G	4-21-15	9:15	
WL20601 WELL 2 AT TREATMENT PLANT 2217 220T	2	524_UNRE 524 G	4-21-15	10:15	
TRIP BLANK LAB PREPARED	1				

Relinquished By: [Signature] Date/Time 4-21-15

Received By: [Signature] Date/Time 4-21-15 16:00

Please provide any contact or address changes as needed.

Lab Use Only

Received on Ice: Yes / No

Received Temperature: 3 °C

Received By: SK

Date Received: 4-21-15 Time Received: 16:00

Lab Delivery: Client UPS FedEx Mail Other



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 4140 Litt Drive Hillside, IL 60162 Tel. 708.544.3260

Fax: 708.544.8587 Toll Free: 800.783.LABS

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CHAIN OF CUSTODY RECORD

88057

Company Name: **Sack Village Waterworks**
 Company Address: **21801 Torrence Ave**
 City: **Sack Village** State: **IL** Zip: **60411**

Phone: _____ Fax: Fax
 Email Address: _____ Final Report will be emailed
 Project ID / Location: **0312790**

Project Manager (Report to): **Dave Overaker**
 Sample Collector(s) Name: **Eric S. Cook**

TURNAROUND TIME REQUESTED
 Normal RUSH* *Additional Rush Charges Approved.

Date & Time Needed: _____
 Normal TAT is specified on the price quotation or fee schedule. Rush work must be pre-approved and additional charges apply.
 Specify Regulatory Program: Nonrel/Info Only
 LUST SRP SDWA
 503 Sludge NPDES MWR/DGC
 Disposal Other* Please specify in comment section below.

ANALYSIS & METHOD REQUESTED
 Enter an "X" in box below for request

SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type*	COLLECTION		MATRIX	GRAB/COMP. QTY	CONTAINERS SIZE & TYPE	PRESERVATIVE	ANALYSIS & METHOD REQUESTED
	DATE	TIME					
1 WL 20602	4/21/15	7:45	GW	1	40ml Vial		X
2 Tap 2	4/21/15	7:55	DW	1	40ml Vial		X
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

MATRIX: Drinking Water (DW), Soil (S), Wastewater (WW), Surface Water (SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Vial (P) CONTAINER: 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) PRESERVATIVE: H₂SO₄, HCl, HNO₃, Methanol (MeOH), NaOH, Sodium Bisulfite (NaBS), NaF, etc.

COMMENTS & SPECIAL INSTRUCTIONS:
 work order cancelled by LAB April 21
 Resampled REISSUED new work order April 28
 New work order # 1504138

1. Requisitioned By: *[Signature]* Date: 4/21/15
 2. Requisitioned By: *[Signature]* Date: 4-21-15
 3. Requisitioned By: _____ Date: _____
 4. Requisitioned By: _____ Date: _____

Received By: *[Signature]* Time: 10:55 am
 Received By: *[Signature]* Time: 1:00 pm
 Received By: _____ Time: _____
 Received By: _____ Time: _____

Ice present Ice present Ice present Ice present

Submission of samples subject to Terms and Conditions on back. Rev. 07/2008

CONDITION CODES
 1. Improperly damaged container/cap
 2. Improper preservation
 3. Insufficient sample volume
 4. Headspace/air bubbles for VOCs
 5. Received past holding time
 6. Received frozen
 7. Label conflicts with COC

Shipping Method: _____
 Reporting Level (at additional charge): 1 2 3 4
 LAB USE ONLY
 SU ORDER No. **1504GM**
 Sample containers supplied by customer? Yes
 Temperature of Received Samples: **3** °C
 Samples received the same day as collection? Yes
 R Condition Split LAB # **7A**

Write-Original, Pink-Sampler Copy

SUBURBAN LABORATORIES, Inc.



1950 S. Batavia Ave., Suite 150, Geneva, IL 60134
Tel (708) 544-3260 Toll Free (800) 783-5227
Fax (708) 544-8587
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March 16, 2015

Dave Overocker

Work Order: 1503110

Sauk Village Water Department
21801 Torrence Avenue
Sauk Village, IL 60411

TEL: (708) 757-2423

FAX: (708) 758-8297

RE: Volatile Organic Compounds

Dear Dave Overocker:

Suburban Laboratories, Inc. received 10 sample(s) on 3/3/2015 for the analyses presented in the following report.

All data for the associated quality control (QC) met EPA, method, or internal laboratory specifications except where noted in the case narrative. If you are comparing these results to external QC specifications or compliance limits and have any questions, please contact us.

This final report of laboratory analysis consists of this cover letter, case narrative, analytical report, dates report, and any accompanying documentation including, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

If you have any questions regarding these test results, please call me at (708) 544-3260.

Sincerely,

Pat Rodriguez

Customer Service Manager

708-544-3260 ext. 214

pat@suburbanlabs.com

Illinois Department of Public Health #17585



Illinois EPA #100225 Wisconsin FID#:399089350

Rpt Ver: 3/16/2015 5:00 PM

SUBURBAN LABORATORIES, Inc.

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



Case Narrative

Client: Sauk Village Water

Date: March 16, 2015

Project: Volatile Organic Compounds

PO:

WorkOrder: 1503110

QC Level: LEVEL I

Temperature of samples upon receipt at lab: 3 C

Chain of Custody: PP, 88054

General Comments:

- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated.
- For more information about the laboratories' scope of accreditation, please contact us at (708) 544-3260 or the Agency at (217) 782-6455.
- All water analyses that are required to be performed in the field (e.g., pH, residual chlorine, sulfite, temperature, etc.) but are analyzed in the lab are identified as "in lab" and are considered past holding time. Following industry practices these results do not contain an "H" flag but are qualified as being analyzed in the lab.

Abbreviations:

- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS (Surrogate Standard): Quality control compound added to the sample by the lab.

Method References:

For a complete list of method references please contact us.

- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Workorder Specific Comments

Volatiles:

Sample 1503110-001A: S=The MS and the MSD percent recoveries for Vinyl chloride (149.4%;155%) was outside laboratory control limits (70% - 130%):

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Laboratory Results

Client: Sauk Village Water Department

Report Date: March 16, 2015

Project: Volatile Organic Compounds

Workorder: 1503110

Client Sample ID: TP01

Matrix: Drinking Water

Lab ID: 1503110-001

Date Received: 3/3/2015 16:10 PM

Collection Date: 3/3/2015 10:50 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Benzene	ND	5.00	0.500		µg/L	1	3/6/2015 4:21 PM	R57030
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	3/6/2015 4:21 PM	R57030
Chlorobenzene	ND	100	0.500		µg/L	1	3/6/2015 4:21 PM	R57030
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	3/6/2015 4:21 PM	R57030
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	3/6/2015 4:21 PM	R57030
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	3/6/2015 4:21 PM	R57030
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	3/6/2015 4:21 PM	R57030
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	3/6/2015 4:21 PM	R57030
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	3/6/2015 4:21 PM	R57030
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	3/6/2015 4:21 PM	R57030
Ethylbenzene	ND	700	0.500		µg/L	1	3/6/2015 4:21 PM	R57030
Methylene chloride	ND	5.00	0.500		µg/L	1	3/6/2015 4:21 PM	R57030
Styrene	ND	100	0.500		µg/L	1	3/6/2015 4:21 PM	R57030
Tetrachloroethene	ND	5.00	0.500		µg/L	1	3/6/2015 4:21 PM	R57030
Toluene	ND	1,000	0.500		µg/L	1	3/6/2015 4:21 PM	R57030
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	3/6/2015 4:21 PM	R57030
Trichloroethene	ND	5.00	0.500		µg/L	1	3/6/2015 4:21 PM	R57030
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	3/6/2015 4:21 PM	R57030
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	3/6/2015 4:21 PM	R57030
Vinyl chloride	ND	2.00	0.500		µg/L	1	3/6/2015 4:21 PM	R57030
Total Xylenes	ND	10,000	0.500		µg/L	1	3/6/2015 4:21 PM	R57030
<u>Internal Quality Control Compounds</u>								
Surr: 1,2-Dichlorobenzene-d4	106		70-130		%REC	1	3/6/2015 4:21 PM	R57030
Surr: 4-Bromofluorobenzene	107		70-130		%REC	1	3/6/2015 4:21 PM	R57030
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Methyl tert-butyl ether	ND		0.500		µg/L	1	3/6/2015 4:21 PM	R57030

SUBURBAN LABORATORIES, Inc.



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

Laboratory Results

Client: Sauk Village Water Department

Report Date: March 16, 2015

Project: Volatile Organic Compounds

Workorder: 1503110

Client Sample ID: TP01 TRIP BLANK

Matrix: Deionized Water

Lab ID: 1503110-002

Date Received: 3/3/2015 16:10 PM

Collection Date: 3/3/2015 0:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995	Analyst: ks				
Benzene	ND	5.00	0.500		µg/L	1	3/12/2015 3:48 PM	R57195
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	3/12/2015 3:48 PM	R57195
Chlorobenzene	ND	100	0.500		µg/L	1	3/12/2015 3:48 PM	R57195
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	3/12/2015 3:48 PM	R57195
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	3/12/2015 3:48 PM	R57195
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	3/12/2015 3:48 PM	R57195
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	3/12/2015 3:48 PM	R57195
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	3/12/2015 3:48 PM	R57195
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	3/12/2015 3:48 PM	R57195
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	3/12/2015 3:48 PM	R57195
Ethylbenzene	ND	700	0.500		µg/L	1	3/12/2015 3:48 PM	R57195
Methylene chloride	ND	5.00	0.500		µg/L	1	3/12/2015 3:48 PM	R57195
Styrene	ND	100	0.500		µg/L	1	3/12/2015 3:48 PM	R57195
Tetrachloroethene	ND	5.00	0.500		µg/L	1	3/12/2015 3:48 PM	R57195
Toluene	ND	1,000	0.500		µg/L	1	3/12/2015 3:48 PM	R57195
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	3/12/2015 3:48 PM	R57195
Trichloroethene	ND	5.00	0.500		µg/L	1	3/12/2015 3:48 PM	R57195
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	3/12/2015 3:48 PM	R57195
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	3/12/2015 3:48 PM	R57195
Vinyl chloride	ND	2.00	0.500		µg/L	1	3/12/2015 3:48 PM	R57195
Total Xylenes	ND	10,000	0.500		µg/L	1	3/12/2015 3:48 PM	R57195
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	92.6		70-130		%REC	1	3/12/2015 3:48 PM	R57195
Surr: 4-Bromofluorobenzene	91.4		70-130		%REC	1	3/12/2015 3:48 PM	R57195
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995	Analyst: ks				
Methyl tert-butyl ether	ND		0.500		µg/L	1	3/12/2015 3:48 PM	R57195

SUBURBAN LABORATORIES, Inc.



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Laboratory Results

Client: Sauk Village Water Department

Report Date: March 16, 2015

Project: Volatile Organic Compounds

Workorder: 1503110

Client Sample ID: WL20600

Matrix: Drinking Water

Lab ID: 1503110-003

Date Received: 3/3/2015 16:10 PM

Collection Date: 3/3/2015 10:30 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995	Analyst: ks				
Benzene	ND	5.00	0.500		µg/L	1	3/6/2015 4:51 PM	R57030
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	3/6/2015 4:51 PM	R57030
Chlorobenzene	ND	100	0.500		µg/L	1	3/6/2015 4:51 PM	R57030
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	3/6/2015 4:51 PM	R57030
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	3/6/2015 4:51 PM	R57030
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	3/6/2015 4:51 PM	R57030
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	3/6/2015 4:51 PM	R57030
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	3/6/2015 4:51 PM	R57030
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	3/6/2015 4:51 PM	R57030
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	3/6/2015 4:51 PM	R57030
Ethylbenzene	0.760	700	0.500		µg/L	1	3/6/2015 4:51 PM	R57030
Methylene chloride	ND	5.00	0.500		µg/L	1	3/6/2015 4:51 PM	R57030
Styrene	ND	100	0.500		µg/L	1	3/6/2015 4:51 PM	R57030
Tetrachloroethene	ND	5.00	0.500		µg/L	1	3/6/2015 4:51 PM	R57030
Toluene	0.810	1,000	0.500		µg/L	1	3/6/2015 4:51 PM	R57030
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	3/6/2015 4:51 PM	R57030
Trichloroethene	ND	5.00	0.500		µg/L	1	3/6/2015 4:51 PM	R57030
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	3/6/2015 4:51 PM	R57030
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	3/6/2015 4:51 PM	R57030
Vinyl chloride	ND	2.00	0.500		µg/L	1	3/6/2015 4:51 PM	R57030
Total Xylenes	3.71	10,000	0.500		µg/L	1	3/6/2015 4:51 PM	R57030
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	111		70-130		%REC	1	3/6/2015 4:51 PM	R57030
Surr: 4-Bromofluorobenzene	118		70-130		%REC	1	3/6/2015 4:51 PM	R57030
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995	Analyst: ks				
Methyl tert-butyl ether	ND		0.500		µg/L	1	3/6/2015 4:51 PM	R57030

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department	Report Date: March 16, 2015
Project: Volatile Organic Compounds	Workorder: 1503110
Client Sample ID: WL20601	Matrix: Drinking Water
Lab ID: 1503110-005	Date Received: 3/3/2015 16:10 PM
	Collection Date: 3/3/2015 10:40 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Benzene	ND	5.00	0.500		µg/L	1	3/6/2015 5:21 PM	R57030
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	3/6/2015 5:21 PM	R57030
Chlorobenzene	ND	100	0.500		µg/L	1	3/6/2015 5:21 PM	R57030
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	3/6/2015 5:21 PM	R57030
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	3/6/2015 5:21 PM	R57030
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	3/6/2015 5:21 PM	R57030
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	3/6/2015 5:21 PM	R57030
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	3/6/2015 5:21 PM	R57030
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	3/6/2015 5:21 PM	R57030
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	3/6/2015 5:21 PM	R57030
Ethylbenzene	ND	700	0.500		µg/L	1	3/6/2015 5:21 PM	R57030
Methylene chloride	ND	5.00	0.500		µg/L	1	3/6/2015 5:21 PM	R57030
Styrene	ND	100	0.500		µg/L	1	3/6/2015 5:21 PM	R57030
Tetrachloroethene	ND	5.00	0.500		µg/L	1	3/6/2015 5:21 PM	R57030
Toluene	ND	1,000	0.500		µg/L	1	3/6/2015 5:21 PM	R57030
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	3/6/2015 5:21 PM	R57030
Trichloroethene	ND	5.00	0.500		µg/L	1	3/6/2015 5:21 PM	R57030
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	3/6/2015 5:21 PM	R57030
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	3/6/2015 5:21 PM	R57030
Vinyl chloride	ND	2.00	0.500		µg/L	1	3/6/2015 5:21 PM	R57030
Total Xylenes	ND	10,000	0.500		µg/L	1	3/6/2015 5:21 PM	R57030
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	102		70-130		%REC	1	3/6/2015 5:21 PM	R57030
Surr: 4-Bromofluorobenzene	106		70-130		%REC	1	3/6/2015 5:21 PM	R57030
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Methyl tert-butyl ether	ND		0.500		µg/L	1	3/6/2015 5:21 PM	R57030

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: March 16, 2015

Project: Volatile Organic Compounds

Workorder: 1503110

Client Sample ID: WL20601 TRIP BLANK

Matrix: Deionized Water

Lab ID: 1503110-006

Date Received: 3/3/2015 16:10 PM

Collection Date: 3/3/2015 0:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Benzene	ND	5.00	0.500		µg/L	1	3/12/2015 4:20 PM	R57195
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	3/12/2015 4:20 PM	R57195
Chlorobenzene	ND	100	0.500		µg/L	1	3/12/2015 4:20 PM	R57195
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	3/12/2015 4:20 PM	R57195
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	3/12/2015 4:20 PM	R57195
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	3/12/2015 4:20 PM	R57195
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	3/12/2015 4:20 PM	R57195
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	3/12/2015 4:20 PM	R57195
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	3/12/2015 4:20 PM	R57195
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	3/12/2015 4:20 PM	R57195
Ethylbenzene	ND	700	0.500		µg/L	1	3/12/2015 4:20 PM	R57195
Methylene chloride	ND	5.00	0.500		µg/L	1	3/12/2015 4:20 PM	R57195
Styrene	ND	100	0.500		µg/L	1	3/12/2015 4:20 PM	R57195
Tetrachloroethene	ND	5.00	0.500		µg/L	1	3/12/2015 4:20 PM	R57195
Toluene	ND	1,000	0.500		µg/L	1	3/12/2015 4:20 PM	R57195
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	3/12/2015 4:20 PM	R57195
Trichloroethene	ND	5.00	0.500		µg/L	1	3/12/2015 4:20 PM	R57195
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	3/12/2015 4:20 PM	R57195
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	3/12/2015 4:20 PM	R57195
Vinyl chloride	ND	2.00	0.500		µg/L	1	3/12/2015 4:20 PM	R57195
Total Xylenes	ND	10,000	0.500		µg/L	1	3/12/2015 4:20 PM	R57195
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	93.2		70-130		%REC	1	3/12/2015 4:20 PM	R57195
Surr: 4-Bromofluorobenzene	93.8		70-130		%REC	1	3/12/2015 4:20 PM	R57195
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Methyl tert-butyl ether	ND		0.500		µg/L	1	3/12/2015 4:20 PM	R57195

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: March 16, 2015

Project: Volatile Organic Compounds

Workorder: 1503110

Client Sample ID: WL20602

Matrix: Drinking Water

Lab ID: 1503110-007

Date Received: 3/3/2015 16:10 PM

Collection Date: 3/3/2015 7:50 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Benzene	ND	5.00	0.500		µg/L	1	3/6/2015 5:50 PM	R57030
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	3/6/2015 5:50 PM	R57030
Chlorobenzene	ND	100	0.500		µg/L	1	3/6/2015 5:50 PM	R57030
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	3/6/2015 5:50 PM	R57030
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	3/6/2015 5:50 PM	R57030
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	3/6/2015 5:50 PM	R57030
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	3/6/2015 5:50 PM	R57030
cis-1,2-Dichloroethene	0.970	70.0	0.500		µg/L	1	3/6/2015 5:50 PM	R57030
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	3/6/2015 5:50 PM	R57030
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	3/6/2015 5:50 PM	R57030
Ethylbenzene	ND	700	0.500		µg/L	1	3/6/2015 5:50 PM	R57030
Methylene chloride	ND	5.00	0.500		µg/L	1	3/6/2015 5:50 PM	R57030
Styrene	ND	100	0.500		µg/L	1	3/6/2015 5:50 PM	R57030
Tetrachloroethene	ND	5.00	0.500		µg/L	1	3/6/2015 5:50 PM	R57030
Toluene	ND	1,000	0.500		µg/L	1	3/6/2015 5:50 PM	R57030
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	3/6/2015 5:50 PM	R57030
Trichloroethene	ND	5.00	0.500		µg/L	1	3/6/2015 5:50 PM	R57030
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	3/6/2015 5:50 PM	R57030
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	3/6/2015 5:50 PM	R57030
Vinyl chloride	3.54	2.00	0.500	*	µg/L	1	3/6/2015 5:50 PM	R57030
Total Xylenes	ND	10,000	0.500		µg/L	1	3/6/2015 5:50 PM	R57030
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	105		70-130		%REC	1	3/6/2015 5:50 PM	R57030
Surr: 4-Bromofluorobenzene	106		70-130		%REC	1	3/6/2015 5:50 PM	R57030
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Methyl tert-butyl ether	ND		0.500		µg/L	1	3/6/2015 5:50 PM	R57030

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: March 16, 2015

Project: Volatile Organic Compounds

Workorder: 1503110

Client Sample ID: TP02

Matrix: Drinking Water

Lab ID: 1503110-009

Date Received: 3/3/2015 16:10 PM

Collection Date: 3/3/2015 8:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Benzene	ND	5.00	0.500		µg/L	1	3/6/2015 6:20 PM	R57030
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	3/6/2015 6:20 PM	R57030
Chlorobenzene	ND	100	0.500		µg/L	1	3/6/2015 6:20 PM	R57030
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	3/6/2015 6:20 PM	R57030
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	3/6/2015 6:20 PM	R57030
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	3/6/2015 6:20 PM	R57030
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	3/6/2015 6:20 PM	R57030
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	3/6/2015 6:20 PM	R57030
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	3/6/2015 6:20 PM	R57030
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	3/6/2015 6:20 PM	R57030
Ethylbenzene	ND	700	0.500		µg/L	1	3/6/2015 6:20 PM	R57030
Methylene chloride	ND	5.00	0.500		µg/L	1	3/6/2015 6:20 PM	R57030
Styrene	ND	100	0.500		µg/L	1	3/6/2015 6:20 PM	R57030
Tetrachloroethene	ND	5.00	0.500		µg/L	1	3/6/2015 6:20 PM	R57030
Toluene	ND	1,000	0.500		µg/L	1	3/6/2015 6:20 PM	R57030
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	3/6/2015 6:20 PM	R57030
Trichloroethene	ND	5.00	0.500		µg/L	1	3/6/2015 6:20 PM	R57030
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	3/6/2015 6:20 PM	R57030
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	3/6/2015 6:20 PM	R57030
Vinyl chloride	ND	2.00	0.500		µg/L	1	3/6/2015 6:20 PM	R57030
Total Xylenes	ND	10,000	0.500		µg/L	1	3/6/2015 6:20 PM	R57030
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	106		70-130		%REC	1	3/6/2015 6:20 PM	R57030
Surr: 4-Bromofluorobenzene	106		70-130		%REC	1	3/6/2015 6:20 PM	R57030
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Methyl tert-butyl ether	ND		0.500		µg/L	1	3/6/2015 6:20 PM	R57030



Report Date: March 16, 2015

WorkOrder: 1503110

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- c Analyte not in SLI scope of accreditation
- C Value is below Minimum Concentration Limit
- 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 compound
- ND Not Detected at the Reporting Limit
- P Present
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits



Suburban Laboratories, Inc.

1950 S. Batavia Ave., Suite 150, Geneva, Illinois 60134
Tel. (708) 544-3260 Toll Free (800) 783-LABS Fax (708) 544-8587
www.suburbanlabs.com



IEPA #100225 IDPH #17585

Chain of Custody for Drinking Water Compliance Testing

Report To:
Dave Overocker
Sauk Village Water Department
21801 Torrence Avenue
Sauk Village, IL 60411

Phone: (708) 758-3330
Project ID: 0312790 - VOC
Collection Month: March 2015

Collected By: David Overocker

IMPORTANT: Verify Sampling dates and sampling sites with IEPA Demand Notice

Workorder Lab Use Only
1503110
Lab Sample Number

Table with columns: Sample Point, # Bott, Analysis, Date Collect, Time Collect, Lab Sample Number. Rows include TP01 TRTMT PLANT WELLS 1 AND 2, WL20600 WELL 1 AT TREATMENT PLANT 2217 220T, WL20601 WELL 2 AT TREATMENT PLANT 2217 220T, and TRIP BLANK LAB PREPARED.

Relinquished By: [Signature] Date/Time 3/3/15
Received By: [Signature] Date/Time 3-3-15 16:10

Lab Use Only
Received on Ice: Yes/No
Received Temperature: 3 C
Received By: SK
Date Received: 3-3-15 Time Received: 16:10
Lab Delivery: SLP Client UPS FedEx Mail Other

Please provide any contact or address changes as needed.



SUBURBAN LABORATORIES, Inc.
 4140 Litt Drive Hillside, IL 60162 Tel: 708.544.3280 Fax: 708.544.8597

Toll Free: 800.783.LABS

www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

88054

Company Name: **SAUK Village IL # 0312790**
 Company Address: **21801 Tollence Ave**
 City: **SAUK Village IL** State: **IL** Zip: **60411**
 Phone: **708-753-2423** Fax:
 Email Address:
 Project ID / Location: **VOC**
 Project Manager (Report to): **David Overacker**
 Sample Collector(s) Name: **Eric Cook**

TURNAROUND TIME REQUESTED
 Normal RUSH* *Additional Rush Charges Approved.
 Date & Time Needed:
 Normal TAT is specified on the price quotation or fee schedule. Rush work must be pre-approved and additional charges apply.
 Specify Regulatory Program: None/Info Only
 LUST SRP SDWA
 503 Sludge NPDES MWRDGC
 Disposal Other* *Please specify in comment section below.

ANALYSIS & METHOD REQUESTED
 Enter an 'X' in box below for request

Page **1** of **4**
 Shipping Method
 Reporting Level (at additional charge) **1 2 3 4**
 LAB USE ONLY
 Sample containers supplied by customer? Yes No
 Temperature of Received Samples **3** °C
 Samples received the same day as collection? Yes No
 Condition Spill LAB #

SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type*	COLLECTION		MATRIX	GRAB/COMP. QTY	CONTAINERS SIZE & TYPE	PRESERVATIVE	ANALYSIS & METHOD REQUESTED	
	DATE	TIME					Request	Method
1 WL 20602	3/31/15	7:50	DW	2	16oz Vial		X	VOC
2 TPO2	3/31/15	8:00	DW	2	16oz Vial		X	VOC
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								

COMMENTS & SPECIAL INSTRUCTIONS:

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water (SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipes (P) CONTAINER: 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) PRESERVATIVE: H₂SO₄, HCl, HNO₃, Methanol (MeOH), NaOH, Sodium Bleachite (NAB), Nitric

CONDITION CODES
 1. Improper/damaged container/cap
 2. Improper preservation
 3. Insufficient sample volume
 4. Headspace/air bubbles for VOCs
 5. Received past holding time
 6. Received frozen
 7. Label conflicts with COC

1. Requisitioned By: **Eric Cook** Date: **3/31/15** 2. Requisitioned By: **Eric Cook** Date: **3-3-15**
 Received By: **Eric Cook** Time: **11:10** Received By: **Eric Cook** Time: **16:10**
 Ice present Ice present
 3. Requisitioned By: **Eric Cook** Date: **3-3-15** 4. Requisitioned By: **Eric Cook** Date: **3-3-15**
 Received By: **Eric Cook** Time: **16:10** Received By: **Eric Cook** Time: **16:10**
 Ice present Ice present



March 05, 2015

Dave Overocker
Sauk Village Water Department
21801 Torrence Avenue
Sauk Village, IL 60411

Work Order: 1502E77

TEL: (708) 757-2423
FAX: (708) 758-8297
RE: Volatile Organic Compounds

Dear Dave Overocker:

Suburban Laboratories, Inc. received 10 sample(s) on 2/24/2015 for the analyses presented in the following report.

All data for the associated quality control (QC) met EPA, method, or internal laboratory specifications except where noted in the case narrative. If you are comparing these results to external QC specifications or compliance limits and have any questions, please contact us.

This final report of laboratory analysis consists of this cover letter, case narrative, analytical report, dates report, and any accompanying documentation including, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

If you have any questions regarding these test results, please call me at (708) 544-3260.

Sincerely,

Pat Rodriguez
Customer Service Manager
708-544-3260 ext. 214
pat@suburbanlabs.com



SUBURBAN LABORATORIES, Inc.

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



Case Narrative

Client: Sauk Village Water

Date: March 05, 2015

Project: Volatile Organic Compounds

PO:

WorkOrder: 1502E77

QC Level: LEVEL I

Temperature of samples upon receipt at lab: 3 C

Chain of Custody: PP

General Comments:

- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated.
- For more information about the laboratories' scope of accreditation, please contact us at (708) 544-3260 or the Agency at (217) 782-6455.
- All water analyses that are required to be performed in the field (e.g., pH, residual chlorine, sulfite, temperature, etc.) but are analyzed in the lab are identified as "in lab" and are considered past holding time. Following industry practices these results do not contain an "H" flag but are qualified as being analyzed in the lab.

Abbreviations:

- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS (Surrogate Standard): Quality control compound added to the sample by the lab.

Method References:

For a complete list of method references please contact us.

- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Workorder Specific Comments:

Rpt Ver: 3/5/2015 2:28 PM

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: March 05, 2015

Project: Volatile Organic Compounds

Workorder: 1502E77

Client Sample ID: TP01

Matrix: Drinking Water

Lab ID: 1502E77-001

Date Received: 2/24/2015 16:00 PM

Collection Date: 2/24/2015 9:10 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Benzene	ND	5.00	0.500		µg/L	1	2/26/2015 6:41 PM	R56743
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	2/26/2015 6:41 PM	R56743
Chlorobenzene	ND	100	0.500		µg/L	1	2/26/2015 6:41 PM	R56743
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	2/26/2015 6:41 PM	R56743
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	2/26/2015 6:41 PM	R56743
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	2/26/2015 6:41 PM	R56743
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	2/26/2015 6:41 PM	R56743
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	2/26/2015 6:41 PM	R56743
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	2/26/2015 6:41 PM	R56743
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	2/26/2015 6:41 PM	R56743
Ethylbenzene	ND	700	0.500		µg/L	1	2/26/2015 6:41 PM	R56743
Methylene chloride	ND	5.00	0.500		µg/L	1	2/26/2015 6:41 PM	R56743
Styrene	ND	100	0.500		µg/L	1	2/26/2015 6:41 PM	R56743
Tetrachloroethene	ND	5.00	0.500		µg/L	1	2/26/2015 6:41 PM	R56743
Toluene	ND	1,000	0.500		µg/L	1	2/26/2015 6:41 PM	R56743
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	2/26/2015 6:41 PM	R56743
Trichloroethene	ND	5.00	0.500		µg/L	1	2/26/2015 6:41 PM	R56743
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	2/26/2015 6:41 PM	R56743
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	2/26/2015 6:41 PM	R56743
Vinyl chloride	ND	2.00	0.500		µg/L	1	2/26/2015 6:41 PM	R56743
Total Xylenes	ND	10,000	0.500		µg/L	1	2/26/2015 6:41 PM	R56743
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	97.6		70-130		%REC	1	2/26/2015 6:41 PM	R56743
Surr: 4-Bromofluorobenzene	98.4		70-130		%REC	1	2/26/2015 6:41 PM	R56743
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Methyl tert-butyl ether	ND		0.500		µg/L	1	2/26/2015 6:41 PM	R56743

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: March 05, 2015

Project: Volatile Organic Compounds

Workorder: 1502E77

Client Sample ID: WL20600

Matrix: Drinking Water

Lab ID: 1502E77-003

Date Received: 2/24/2015 16:00 PM

Collection Date: 2/24/2015 10:30 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Benzene	ND	5.00	0.500		µg/L	1	2/26/2015 7:11 PM	R56743
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	2/26/2015 7:11 PM	R56743
Chlorobenzene	ND	100	0.500		µg/L	1	2/26/2015 7:11 PM	R56743
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	2/26/2015 7:11 PM	R56743
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	2/26/2015 7:11 PM	R56743
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	2/26/2015 7:11 PM	R56743
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	2/26/2015 7:11 PM	R56743
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	2/26/2015 7:11 PM	R56743
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	2/26/2015 7:11 PM	R56743
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	2/26/2015 7:11 PM	R56743
Ethylbenzene	12.9	700	0.500		µg/L	1	2/26/2015 7:11 PM	R56743
Methylene chloride	ND	5.00	0.500		µg/L	1	2/26/2015 7:11 PM	R56743
Styrene	ND	100	0.500		µg/L	1	2/26/2015 7:11 PM	R56743
Tetrachloroethene	ND	5.00	0.500		µg/L	1	2/26/2015 7:11 PM	R56743
Toluene	7.05	1,000	0.500		µg/L	1	2/26/2015 7:11 PM	R56743
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	2/26/2015 7:11 PM	R56743
Trichloroethene	ND	5.00	0.500		µg/L	1	2/26/2015 7:11 PM	R56743
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	2/26/2015 7:11 PM	R56743
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	2/26/2015 7:11 PM	R56743
Vinyl chloride	ND	2.00	0.500		µg/L	1	2/26/2015 7:11 PM	R56743
Total Xylenes	32.1	10,000	0.500		µg/L	1	2/26/2015 7:11 PM	R56743
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	100		70-130		%REC	1	2/26/2015 7:11 PM	R56743
Surr: 4-Bromofluorobenzene	104		70-130		%REC	1	2/26/2015 7:11 PM	R56743
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Methyl tert-butyl ether	ND		0.500		µg/L	1	2/26/2015 7:11 PM	R56743

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: March 05, 2015

Project: Volatile Organic Compounds

Workorder: 1502E77

Client Sample ID: WL20600 TRIP BLANK

Matrix: Deionized Water

Lab ID: 1502E77-004

Date Received: 2/24/2015 16:00 PM

Collection Date: 2/24/2015 0:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: maa		
Benzene	ND	5.00	0.500		µg/L	1	2/27/2015 3:54 PM	R56804
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	2/27/2015 3:54 PM	R56804
Chlorobenzene	ND	100	0.500		µg/L	1	2/27/2015 3:54 PM	R56804
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	2/27/2015 3:54 PM	R56804
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	2/27/2015 3:54 PM	R56804
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	2/27/2015 3:54 PM	R56804
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	2/27/2015 3:54 PM	R56804
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	2/27/2015 3:54 PM	R56804
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	2/27/2015 3:54 PM	R56804
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	2/27/2015 3:54 PM	R56804
Ethylbenzene	ND	700	0.500		µg/L	1	2/27/2015 3:54 PM	R56804
Methylene chloride	ND	5.00	0.500		µg/L	1	2/27/2015 3:54 PM	R56804
Styrene	ND	100	0.500		µg/L	1	2/27/2015 3:54 PM	R56804
Tetrachloroethene	ND	5.00	0.500		µg/L	1	2/27/2015 3:54 PM	R56804
Toluene	ND	1,000	0.500		µg/L	1	2/27/2015 3:54 PM	R56804
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	2/27/2015 3:54 PM	R56804
Trichloroethene	ND	5.00	0.500		µg/L	1	2/27/2015 3:54 PM	R56804
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	2/27/2015 3:54 PM	R56804
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	2/27/2015 3:54 PM	R56804
Vinyl chloride	ND	2.00	0.500		µg/L	1	2/27/2015 3:54 PM	R56804
Total Xylenes	ND	10,000	0.500		µg/L	1	2/27/2015 3:54 PM	R56804
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	104		70-130		%REC	1	2/27/2015 3:54 PM	R56804
Surr: 4-Bromofluorobenzene	104		70-130		%REC	1	2/27/2015 3:54 PM	R56804
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: maa		
Methyl tert-butyl ether	ND		0.500		µg/L	1	2/27/2015 3:54 PM	R56804

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: March 05, 2015

Project: Volatile Organic Compounds

Workorder: 1502E77

Client Sample ID: WL20601

Matrix: Drinking Water

Lab ID: 1502E77-005

Date Received: 2/24/2015 16:00 PM

Collection Date: 2/24/2015 10:45 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Benzene	ND	5.00	0.500		µg/L	1	2/26/2015 7:41 PM	R56743
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	2/26/2015 7:41 PM	R56743
Chlorobenzene	ND	100	0.500		µg/L	1	2/26/2015 7:41 PM	R56743
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	2/26/2015 7:41 PM	R56743
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	2/26/2015 7:41 PM	R56743
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	2/26/2015 7:41 PM	R56743
1,1-Dichloroethane	ND	7.00	0.500		µg/L	1	2/26/2015 7:41 PM	R56743
cis-1,2-Dichloroethane	ND	70.0	0.500		µg/L	1	2/26/2015 7:41 PM	R56743
trans-1,2-Dichloroethane	ND	100	0.500		µg/L	1	2/26/2015 7:41 PM	R56743
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	2/26/2015 7:41 PM	R56743
Ethylbenzene	ND	700	0.500		µg/L	1	2/26/2015 7:41 PM	R56743
Methylene chloride	ND	5.00	0.500		µg/L	1	2/26/2015 7:41 PM	R56743
Styrene	ND	100	0.500		µg/L	1	2/26/2015 7:41 PM	R56743
Tetrachloroethene	ND	5.00	0.500		µg/L	1	2/26/2015 7:41 PM	R56743
Toluene	ND	1,000	0.500		µg/L	1	2/26/2015 7:41 PM	R56743
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	2/26/2015 7:41 PM	R56743
Trichloroethene	ND	5.00	0.500		µg/L	1	2/26/2015 7:41 PM	R56743
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	2/26/2015 7:41 PM	R56743
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	2/26/2015 7:41 PM	R56743
Vinyl chloride	ND	2.00	0.500		µg/L	1	2/26/2015 7:41 PM	R56743
Total Xylenes	0.750	10,000	0.500	J	µg/L	1	2/26/2015 7:41 PM	R56743
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	101		70-130		%REC	1	2/26/2015 7:41 PM	R56743
Surr: 4-Bromofluorobenzene	104		70-130		%REC	1	2/26/2015 7:41 PM	R56743
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Methyl tert-butyl ether	ND		0.500		µg/L	1	2/26/2015 7:41 PM	R56743

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: March 05, 2015

Project: Volatile Organic Compounds

Workorder: 1502E77

Client Sample ID: WL20601 TRIP BLANK

Matrix: Deionized Water

Lab ID: 1502E77-006

Date Received: 2/24/2015 16:00 PM

Collection Date: 2/24/2015 0:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: maa		
Benzene	ND	5.00	0.500		µg/L	1	2/27/2015 3:24 PM	R56804
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	2/27/2015 3:24 PM	R56804
Chlorobenzene	ND	100	0.500		µg/L	1	2/27/2015 3:24 PM	R56804
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	2/27/2015 3:24 PM	R56804
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	2/27/2015 3:24 PM	R56804
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	2/27/2015 3:24 PM	R56804
1,1-Dichloroethane	ND	7.00	0.500		µg/L	1	2/27/2015 3:24 PM	R56804
cis-1,2-Dichloroethane	ND	70.0	0.500		µg/L	1	2/27/2015 3:24 PM	R56804
trans-1,2-Dichloroethane	ND	100	0.500		µg/L	1	2/27/2015 3:24 PM	R56804
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	2/27/2015 3:24 PM	R56804
Ethylbenzene	ND	700	0.500		µg/L	1	2/27/2015 3:24 PM	R56804
Methylene chloride	ND	5.00	0.500		µg/L	1	2/27/2015 3:24 PM	R56804
Styrene	ND	100	0.500		µg/L	1	2/27/2015 3:24 PM	R56804
Tetrachloroethene	ND	5.00	0.500		µg/L	1	2/27/2015 3:24 PM	R56804
Toluene	ND	1,000	0.500		µg/L	1	2/27/2015 3:24 PM	R56804
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	2/27/2015 3:24 PM	R56804
Trichloroethene	ND	5.00	0.500		µg/L	1	2/27/2015 3:24 PM	R56804
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	2/27/2015 3:24 PM	R56804
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	2/27/2015 3:24 PM	R56804
Vinyl chloride	ND	2.00	0.500		µg/L	1	2/27/2015 3:24 PM	R56804
Total Xylenes	ND	10,000	0.500		µg/L	1	2/27/2015 3:24 PM	R56804
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	100		70-130		%REC	1	2/27/2015 3:24 PM	R56804
Surr: 4-Bromofluorobenzene	101		70-130		%REC	1	2/27/2015 3:24 PM	R56804
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: maa		
Methyl tert-butyl ether	ND		0.500		µg/L	1	2/27/2015 3:24 PM	R56804

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: March 05, 2015

Project: Volatile Organic Compounds

Workorder: 1502E77

Client Sample ID: WL20602

Matrix: Drinking Water

Lab ID: 1502E77-007

Date Received: 2/24/2015 16:00 PM

Collection Date: 2/24/2015 7:35 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995	Analyst: maa				
Benzene	ND	5.00	0.500		µg/L	1	2/27/2015 12:55 PM	R56804
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	2/27/2015 12:55 PM	R56804
Chlorobenzene	ND	100	0.500		µg/L	1	2/27/2015 12:55 PM	R56804
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	2/27/2015 12:55 PM	R56804
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	2/27/2015 12:55 PM	R56804
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	2/27/2015 12:55 PM	R56804
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	2/27/2015 12:55 PM	R56804
cis-1,2-Dichloroethene	0.920	70.0	0.500		µg/L	1	2/27/2015 12:55 PM	R56804
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	2/27/2015 12:55 PM	R56804
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	2/27/2015 12:55 PM	R56804
Ethylbenzene	ND	700	0.500		µg/L	1	2/27/2015 12:55 PM	R56804
Methylene chloride	ND	5.00	0.500		µg/L	1	2/27/2015 12:55 PM	R56804
Styrene	ND	100	0.500		µg/L	1	2/27/2015 12:55 PM	R56804
Tetrachloroethene	ND	5.00	0.500		µg/L	1	2/27/2015 12:55 PM	R56804
Toluene	ND	1,000	0.500		µg/L	1	2/27/2015 12:55 PM	R56804
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	2/27/2015 12:55 PM	R56804
Trichloroethene	ND	5.00	0.500		µg/L	1	2/27/2015 12:55 PM	R56804
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	2/27/2015 12:55 PM	R56804
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	2/27/2015 12:55 PM	R56804
Vinyl chloride	3.17	2.00	0.500	*	µg/L	1	2/27/2015 12:55 PM	R56804
Total Xylenes	ND	10,000	0.500		µg/L	1	2/27/2015 12:55 PM	R56804
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	98.2		70-130		%REC	1	2/27/2015 12:55 PM	R56804
Surr: 4-Bromofluorobenzene	96.8		70-130		%REC	1	2/27/2015 12:55 PM	R56804
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995	Analyst: maa				
Methyl tert-butyl ether	ND		0.500		µg/L	1	2/27/2015 12:55 PM	R56804

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: March 05, 2015

Project: Volatile Organic Compounds

Workorder: 1502E77

Client Sample ID: WL20602 TRIP BLANK

Matrix: Deionized Water

Lab ID: 1502E77-008

Date Received: 2/24/2015 16:00 PM

Collection Date: 2/24/2015 0:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: maa		
Benzene	ND	5.00	0.500		µg/L	1	2/27/2015 2:54 PM	R56804
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	2/27/2015 2:54 PM	R56804
Chlorobenzene	ND	100	0.500		µg/L	1	2/27/2015 2:54 PM	R56804
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	2/27/2015 2:54 PM	R56804
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	2/27/2015 2:54 PM	R56804
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	2/27/2015 2:54 PM	R56804
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	2/27/2015 2:54 PM	R56804
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	2/27/2015 2:54 PM	R56804
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	2/27/2015 2:54 PM	R56804
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	2/27/2015 2:54 PM	R56804
Ethylbenzene	ND	700	0.500		µg/L	1	2/27/2015 2:54 PM	R56804
Methylene chloride	ND	5.00	0.500		µg/L	1	2/27/2015 2:54 PM	R56804
Styrene	ND	100	0.500		µg/L	1	2/27/2015 2:54 PM	R56804
Tetrachloroethene	ND	5.00	0.500		µg/L	1	2/27/2015 2:54 PM	R56804
Toluene	ND	1,000	0.500		µg/L	1	2/27/2015 2:54 PM	R56804
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	2/27/2015 2:54 PM	R56804
Trichloroethene	ND	5.00	0.500		µg/L	1	2/27/2015 2:54 PM	R56804
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	2/27/2015 2:54 PM	R56804
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	2/27/2015 2:54 PM	R56804
Vinyl chloride	ND	2.00	0.500		µg/L	1	2/27/2015 2:54 PM	R56804
Total Xylenes	ND	10,000	0.500		µg/L	1	2/27/2015 2:54 PM	R56804
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	99.6		70-130		%REC	1	2/27/2015 2:54 PM	R56804
Surr: 4-Bromofluorobenzene	101		70-130		%REC	1	2/27/2015 2:54 PM	R56804
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: maa		
Methyl tert-butyl ether	ND		0.500		µg/L	1	2/27/2015 2:54 PM	R56804

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: March 05, 2015

Project: Volatile Organic Compounds

Workorder: 1502E77

Client Sample ID: TP02

Matrix: Drinking Water

Lab ID: 1502E77-009

Date Received: 2/24/2015 16:00 PM

Collection Date: 2/24/2015 7:52 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995	Analyst: maa				
Benzene	ND	5.00	0.500		µg/L	1	2/27/2015 1:24 PM	R56804
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	2/27/2015 1:24 PM	R56804
Chlorobenzene	ND	100	0.500		µg/L	1	2/27/2015 1:24 PM	R56804
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	2/27/2015 1:24 PM	R56804
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	2/27/2015 1:24 PM	R56804
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	2/27/2015 1:24 PM	R56804
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	2/27/2015 1:24 PM	R56804
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	2/27/2015 1:24 PM	R56804
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	2/27/2015 1:24 PM	R56804
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	2/27/2015 1:24 PM	R56804
Ethylbenzene	ND	700	0.500		µg/L	1	2/27/2015 1:24 PM	R56804
Methylene chloride	ND	5.00	0.500		µg/L	1	2/27/2015 1:24 PM	R56804
Styrene	ND	100	0.500		µg/L	1	2/27/2015 1:24 PM	R56804
Tetrachloroethene	ND	5.00	0.500		µg/L	1	2/27/2015 1:24 PM	R56804
Toluene	ND	1,000	0.500		µg/L	1	2/27/2015 1:24 PM	R56804
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	2/27/2015 1:24 PM	R56804
Trichloroethene	ND	5.00	0.500		µg/L	1	2/27/2015 1:24 PM	R56804
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	2/27/2015 1:24 PM	R56804
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	2/27/2015 1:24 PM	R56804
Vinyl chloride	ND	2.00	0.500		µg/L	1	2/27/2015 1:24 PM	R56804
Total Xylenes	ND	10,000	0.500		µg/L	1	2/27/2015 1:24 PM	R56804
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	101		70-130		%REC	1	2/27/2015 1:24 PM	R56804
Surr: 4-Bromofluorobenzene	98.6		70-130		%REC	1	2/27/2015 1:24 PM	R56804
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995	Analyst: maa				
Methyl tert-butyl ether	ND		0.500		µg/L	1	2/27/2015 1:24 PM	R56804



Report Date: March 05, 2015

WorkOrder: 1502E77

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- c Analyte not in SLI scope of accreditation
- C Value is below Minimum Concentration Limit
- 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 compound
- ND Not Detected at the Reporting Limit
- P Present
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits



Suburban Laboratories, Inc.

1950 S. Batavia Ave., Suite 150, Geneva, Illinois 60134
Tel. (708) 544-3260 Toll Free (800) 783-LABS Fax (708) 544-8587
www.suburbanlabs.com



IEPA #100225 IDPH #17585

Chain of Custody for Drinking Water Compliance Testing

Report To:
Dave Overocker
Sauk Village Water Department
21801 Torrence Avenue
Sauk Village, IL 60411

Phone: (708) 758-3330
Project ID: 0312790 - VOC

Collected By: David Overocker

IMPORTANT: Verify Sampling dates and sampling sites with IEPA Demand Notice

Workorder Lab Use Only
Lab Sample Number

Table with 7 columns: Sample Point, # Bott, Analysis, Date Collect, Time Collect, Lab Sample Number. Rows include TP01 TRTMT PLANT WELLS 1 AND 2, WL20600 WELL 1 AT TREATMENT PLANT 2217 220T, WL20601 WELL 2 AT TREATMENT PLANT 2217 220T, and TRIP BLANK LAB PREPARED.

Relinquished By: [Signature] Date/Time 2/24/15

Received By: [Signature] Date/Time 2/24/15 2:00
Rel: [Signature] 2/24/15 4:00p
Please provide any contact or address changes as needed.

Lab Use Only
Received on Ice: Yes/No
Received Temperature: 3 C
Received By: [Signature]
Date Received: 2/24/15 Time Received: 4:00p
Lab Delivery: SL Client UPS FedEx Mail Other



SUBURBAN LABORATORIES, Inc.
 1950 S. Batavia Ave., Ste 150, Geneva, IL 60134

Tel. 708.544.3260 Fax: 708.544.8587

CHAIN OF CUSTODY RECORD
 Toll Free: 800.783.LABS www.suburbanlabs.com

125127

Company Name: SAUK VILLAGE IL # 0312790
 Company Address: 21901 TORRANCE AVE
 City: SAUK VILLAGE State: IL Zip: 62411
 Phone: 708 757 2423 Fax: _____
 Email Address: _____
 Project ID/Location: VOC
 Project Manager (Report to): DAVID OVERBAKER
 Sample Collector(s) Name: BRUCE COOK

TURNAROUND TIME REQUESTED
 Normal RUSH*
 *Additional Rush Charges Approved.
 Date & Time Needed: _____
 Normal TAT is specified on the price quotation or fee schedule. Rush work must be pre-approved and additional charges apply.
 Specify Regulatory Program: Nonref/Info Only
 LUST SRP CCDD
 503 Sludge NPDES LUST
 Disposal Other* Please specify in comment section below.
 *REIMBURSEMENT

SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type*	COLLECTION		MATRIX	GRAB/COMP	CONTAINERS SIZE & TYPE	PRESERVATIVE	ANALYSIS & METHOD REQUESTED Enter an "X" in box below for request	Shipping Method	Reporting Level (at additional charge) 1 2 3 4
	DATE	TIME							
1 WK 20602	2/29/15	7:35	GW	2	40ml Glass		X VOC		1
2 TPO2	2/29/15	7:52	DW	2	40ml Glass		X VOC		1
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

REMARKS: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water (SW), Ground Water (GW), Solid Waste (VA), Sludge (U), Wipe (P) CONTAINER: 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) PRESERVATIVE: H₂SO₄, HCl, HNO₃, Methanol (MeOH), NaOH, Sodium Bleachite (NaB), NArtho

COMMENTS & SPECIAL INSTRUCTIONS:

1. Requisitioned By: David Overbaker Date: 2/29/15
 2. Requisitioned By: Richard Date: 2/29/15
 3. Requisitioned By: _____ Date: _____
 4. Requisitioned By: _____ Date: _____

CONCERN CODES:
 1. Improper/damaged container/cap
 2. Improper preservation
 3. Inaccurate sample volume
 4. Headspace/bubbles for VOCs
 5. Received past holding time
 6. Received frozen
 7. Label conflicts with COC

Received by: BRUCE Time: 2:00 Date: 2/29/15
 Received by: Richard Time: 4:00 Date: 2/29/15
 Received by: _____ Time: _____ Date: _____
 Received by: _____ Time: _____ Date: _____

Submission of samples subject to Terms and Conditions on back.

White-Original, Pink-Sampler Copy

SUBURBAN LABORATORIES, Inc.



1950 S. Batavia Ave., Suite 150, Geneva, IL 60134
Tel (708) 544-3260 Toll Free (800) 783-5227
Fax (708) 544-8587
www.suburbanlabs.com

February 09, 2015

Dave Overocker
Sauk Village Water Department
21801 Torrence Avenue
Sauk Village, IL 60411

Work Order: 1501G14

TEL: (708) 757-2423
FAX: (708) 758-8297
RE: NEW CONSTRUCTION VOC MAIN

Dear Dave Overocker:

Suburban Laboratories, Inc. received 4 sample(s) on 1/28/2015 for the analyses presented in the following report.

All data for the associated quality control (QC) met EPA, method, or internal laboratory specifications except where noted in the case narrative. If you are comparing these results to external QC specifications or compliance limits and have any questions, please contact us.

This final report of laboratory analysis consists of this cover letter, case narrative, analytical report, dates report, and any accompanying documentation including, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

If you have any questions regarding these test results, please call me at (708) 544-3260.

Sincerely,

Pat Rodriguez
Customer Service Manager
708-544-3260 ext. 214
pat@suburbanlabs.com

Illinois Department of Public Health #17585



Illinois EPA #100225 Wisconsin FID#:399089350

Rpt Ver: 2/9/2015 9:33 AM

SUBURBAN LABORATORIES, Inc.

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



Case Narrative

Client: Sauk Village Water

Date: February 09, 2015

Project: NEW CONSTRUCTION VOC MAIN

PO:

WorkOrder: 1501G14

QC Level: LEVEL I

Temperature of samples upon receipt at lab: 18 C

Chain of Custody: 88053

General Comments:

- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated.
- For more information about the laboratories' scope of accreditation, please contact us at (708) 544-3260 or the Agency at (217) 782-6455.
- All water analyses that are required to be performed in the field (e.g., pH, residual chlorine, sulfite, temperature, etc.) but are analyzed in the lab are identified as "in lab" and are considered past holding time. Following industry practices these results do not contain an "H" flag but are qualified as being analyzed in the lab.

Abbreviations:

- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS (Surrogate Standard): Quality control compound added to the sample by the lab.

Method References:

For a complete list of method references please contact us.

- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Workorder Specific Comments:

Rpt Ver: 2/9/2015 9:33 AM

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: February 09, 2015

Project: NEW CONSTRUCTION VOC MAIN

Workorder: 1501G14

Client Sample ID: WL20601

Matrix: Drinking Water

Lab ID: 1501G14-001

Date Received: 1/28/2015 13:45 PM

Collection Date: 1/28/2015 12:25 PM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Benzene	ND	5.00	0.500		µg/L	1	2/4/2015 5:11 PM	R55960
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	2/4/2015 5:11 PM	R55960
Chlorobenzene	ND	100	0.500		µg/L	1	2/4/2015 5:11 PM	R55960
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	2/4/2015 5:11 PM	R55960
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	2/4/2015 5:11 PM	R55960
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	2/4/2015 5:11 PM	R55960
1,1-Dichloroethane	ND	7.00	0.500		µg/L	1	2/4/2015 5:11 PM	R55960
cis-1,2-Dichloroethane	ND	70.0	0.500		µg/L	1	2/4/2015 5:11 PM	R55960
trans-1,2-Dichloroethane	ND	100	0.500		µg/L	1	2/4/2015 5:11 PM	R55960
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	2/4/2015 5:11 PM	R55960
Ethylbenzene	ND	700	0.500		µg/L	1	2/4/2015 5:11 PM	R55960
Methylene chloride	ND	5.00	0.500		µg/L	1	2/4/2015 5:11 PM	R55960
Styrene	ND	100	0.500		µg/L	1	2/4/2015 5:11 PM	R55960
Tetrachloroethene	ND	5.00	0.500		µg/L	1	2/4/2015 5:11 PM	R55960
Toluene	ND	1,000	0.500		µg/L	1	2/4/2015 5:11 PM	R55960
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	2/4/2015 5:11 PM	R55960
Trichloroethene	ND	5.00	0.500		µg/L	1	2/4/2015 5:11 PM	R55960
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	2/4/2015 5:11 PM	R55960
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	2/4/2015 5:11 PM	R55960
Vinyl chloride	ND	2.00	0.500		µg/L	1	2/4/2015 5:11 PM	R55960
Total Xylenes	ND	10,000	0.500		µg/L	1	2/4/2015 5:11 PM	R55960
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	104		70-130		%REC	1	2/4/2015 5:11 PM	R55960
Surr: 4-Bromofluorobenzene	95.8		70-130		%REC	1	2/4/2015 5:11 PM	R55960
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Methyl tert-butyl ether	ND		0.500		µg/L	1	2/4/2015 5:11 PM	R55960

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: February 09, 2015

Project: NEW CONSTRUCTION VOC MAIN

Workorder: 1501G14

Client Sample ID: AST FINISHED

Matrix: Drinking Water

Lab ID: 1501G14-003

Date Received: 1/28/2015 13:45 PM

Collection Date: 1/28/2015 12:35 PM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995	Analyst: ks				
Benzene	ND	5.00	0.500		µg/L	1	2/4/2015 5:42 PM	R55960
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	2/4/2015 5:42 PM	R55960
Chlorobenzene	ND	100	0.500		µg/L	1	2/4/2015 5:42 PM	R55960
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	2/4/2015 5:42 PM	R55960
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	2/4/2015 5:42 PM	R55960
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	2/4/2015 5:42 PM	R55960
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	2/4/2015 5:42 PM	R55960
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	2/4/2015 5:42 PM	R55960
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	2/4/2015 5:42 PM	R55960
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	2/4/2015 5:42 PM	R55960
Ethylbenzene	ND	700	0.500		µg/L	1	2/4/2015 5:42 PM	R55960
Methylene chloride	ND	5.00	0.500		µg/L	1	2/4/2015 5:42 PM	R55960
Styrene	ND	100	0.500		µg/L	1	2/4/2015 5:42 PM	R55960
Tetrachloroethene	ND	5.00	0.500		µg/L	1	2/4/2015 5:42 PM	R55960
Toluene	ND	1,000	0.500		µg/L	1	2/4/2015 5:42 PM	R55960
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	2/4/2015 5:42 PM	R55960
Trichloroethene	ND	5.00	0.500		µg/L	1	2/4/2015 5:42 PM	R55960
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	2/4/2015 5:42 PM	R55960
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	2/4/2015 5:42 PM	R55960
Vinyl chloride	ND	2.00	0.500		µg/L	1	2/4/2015 5:42 PM	R55960
Total Xylenes	ND	10,000	0.500		µg/L	1	2/4/2015 5:42 PM	R55960
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	102		70-130		%REC	1	2/4/2015 5:42 PM	R55960
Surr: 4-Bromofluorobenzene	95.4		70-130		%REC	1	2/4/2015 5:42 PM	R55960
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995	Analyst: ks				
Methyl tert-butyl ether	ND		0.500		µg/L	1	2/4/2015 5:42 PM	R55960



Report Date: February 09, 2015

WorkOrder: 1501G14

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- c Analyte not in SLI scope of accreditation
- C Value is below Minimum Concentration Limit
- 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 compound
- ND Not Detected at the Reporting Limit
- P Present
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits



SUBURBAN LABORATORIES, Inc.
 4140 Litt Drive Hillside, IL 60162 Tel. 708.544.3260 Fax: 708.544.8587

CHAIN OF CUSTODY RECORD
 Toll Free: 800.783.LABS
 www.suburbanlabs.com

88053

Company Name: **Sauk Village** SL # **0312790**
 Company Address: **21501 Taarville Ave**
 City: **Sauk Village** State: **IL** Zip: **60411**

Phone: **708 757 2423** Fax: **708 757-6627**
 Email Address: _____
 Project ID/Location: **NEW CONSTRUCTION VOC MAIN STATION**
 Project Manager (Report to): **David Durackel**
 Sample Collector(s) Name: **David Durackel**

Final Report: Normal RUSH*
 *Date & Time Needed: _____
 Normal TAT is specified on the price quotation or fee schedule. Rush work must be pre-approved and additional charges apply.
 Specify Regulatory Program: Nonrelinfo Only
 LUST SRP SDWA
 503 Sludge NPDES MWRDGC
 Disposal Other*
 *Please specify in comment section below.

TURNAROUND TIME REQUESTED
 ANALYSIS & METHOD REQUESTED
 Enter an "X" in box below for request

Shipping Method: _____
 Reporting Level (at additional charge): 1 2 3 4
 LAB USE ONLY
 SU ORDER No: **50614**
 Sample containers supplied by customer? Yes No
 Temperature of Received Samples: **18** °C
 Samples received the same day as collection? Yes No
 R Condition Split LAB #

SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type*	COLLECTION		MATRIX	GRAB/COMP.	CONTAINERS QTY SIZE & TYPE	PRESERVATIVE	ANALYSIS & METHOD REQUESTED
	DATE	TIME					
1 WH20601	112815	12:25	G-W		2 40ml vials		X
2 AST Finished	112815	12:35	DW		2 40ml vials		X
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

COMMENTS & SPECIAL INSTRUCTIONS:
NEW CONSTRUCTION PERMIT # 0979 FY 2013

CONDITION CODES:
 1. Improper/damaged container/cap
 2. Improper preservation
 3. Insufficient sample volume
 4. Headspace/bubbles for VOCs
 5. Received past holding time
 6. Received frozen
 7. Label conflicts with COC

Received By: **[Signature]** Date: **1/28/15** 2. Requisitioned By: _____ Date: _____
 Received By: **[Signature]** Time: **1345** present Ice Time: _____ Date: _____
 Received By: _____ Date: _____
 Received By: _____ Date: _____

Substitution of samples subject to Terms and Conditions on back. Rev. 07/2008 Write-Original, Pink-Sampler Copy



January 20, 2015

Dave Overocker

Work Order: 1501129

Sauk Village Water Department
21801 Torrence Avenue
Sauk Village, IL 60411

TEL: (708) 757-2423

FAX: (708) 758-8297

RE: Volatile Organic Compounds

Dear Dave Overocker:

Suburban Laboratories, Inc. received 10 sample(s) on 1/6/2015 for the analyses presented in the following report.

All data for the associated quality control (QC) met EPA, method, or internal laboratory specifications except where noted in the case narrative. If you are comparing these results to external QC specifications or compliance limits and have any questions, please contact us.

This final report of laboratory analysis consists of this cover letter, case narrative, analytical report, dates report, and any accompanying documentation including, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

If you have any questions regarding these test results, please call me at (708) 544-3260.

Sincerely,

Pat Rodriguez

Customer Service Manager

708-544-3260 ext. 214

pat@suburbanlabs.com





Case Narrative

Client: Sauk Village Water

Date: January 20, 2015

Project: Volatile Organic Compounds

PO:

WorkOrder: 1501129

QC Level: LEVEL I

Temperature of samples upon receipt at lab: 3 C

Chain of Custody: EV

General Comments:

- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated.
- For more information about the laboratories' scope of accreditation, please contact us at (708) 544-3260 or the Agency at (217) 782-6455.
- All water analyses that are required to be performed in the field (e.g., pH, residual chlorine, sulfite, temperature, etc.) but are analyzed in the lab are identified as "in lab" and are considered past holding time. Following industry practices these results do not contain an "H" flag but are qualified as being analyzed in the lab.

Abbreviations:

- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS (Surrogate Standard): Quality control compound added to the sample by the lab.

Method References:

For a complete list of method references please contact us.

- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Workorder Specific Comments:

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: January 20, 2015

Project: Volatile Organic Compounds

Workorder: 1501129

Client Sample ID: TP01

Matrix: Drinking Water

Lab ID: 1501129-001

Date Received: 1/6/2015 15:35 PM

Collection Date: 1/5/2015 13:30 PM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995	Analyst: ks				
Benzene	ND	5.00	0.500		µg/L	1	1/8/2015 4:12 PM	R55151
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	1/8/2015 4:12 PM	R55151
Chlorobenzene	ND	100	0.500		µg/L	1	1/8/2015 4:12 PM	R55151
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	1/8/2015 4:12 PM	R55151
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	1/8/2015 4:12 PM	R55151
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	1/8/2015 4:12 PM	R55151
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	1/8/2015 4:12 PM	R55151
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	1/8/2015 4:12 PM	R55151
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	1/8/2015 4:12 PM	R55151
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	1/8/2015 4:12 PM	R55151
Ethylbenzene	ND	700	0.500		µg/L	1	1/8/2015 4:12 PM	R55151
Methylene chloride	ND	5.00	0.500		µg/L	1	1/8/2015 4:12 PM	R55151
Styrene	ND	100	0.500		µg/L	1	1/8/2015 4:12 PM	R55151
Tetrachloroethene	ND	5.00	0.500		µg/L	1	1/8/2015 4:12 PM	R55151
Toluene	ND	1,000	0.500		µg/L	1	1/8/2015 4:12 PM	R55151
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	1/8/2015 4:12 PM	R55151
Trichloroethene	ND	5.00	0.500		µg/L	1	1/8/2015 4:12 PM	R55151
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	1/8/2015 4:12 PM	R55151
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	1/8/2015 4:12 PM	R55151
Vinyl chloride	ND	2.00	0.500		µg/L	1	1/8/2015 4:12 PM	R55151
Total Xylenes	ND	10,000	0.500		µg/L	1	1/8/2015 4:12 PM	R55151
<u>Internal Quality Control Compounds</u>								
Surr: 1,2-Dichlorobenzene-d4	98.6		70-130		%REC	1	1/8/2015 4:12 PM	R55151
Surr: 4-Bromofluorobenzene	93.0		70-130		%REC	1	1/8/2015 4:12 PM	R55151
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995	Analyst: ks				
Methyl tert-butyl ether	ND		0.500		µg/L	1	1/8/2015 4:12 PM	R55151

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: January 20, 2015

Project: Volatile Organic Compounds

Workorder: 1501129

Client Sample ID: WL20600

Matrix: Drinking Water

Lab ID: 1501129-003

Date Received: 1/6/2015 15:35 PM

Collection Date: 1/5/2015 13:45 PM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Benzene	ND	5.00	0.500		µg/L	1	1/8/2015 4:43 PM	R55151
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	1/8/2015 4:43 PM	R55151
Chlorobenzene	ND	100	0.500		µg/L	1	1/8/2015 4:43 PM	R55151
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	1/8/2015 4:43 PM	R55151
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	1/8/2015 4:43 PM	R55151
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	1/8/2015 4:43 PM	R55151
1,1-Dichloroethane	ND	7.00	0.500		µg/L	1	1/8/2015 4:43 PM	R55151
cis-1,2-Dichloroethane	ND	70.0	0.500		µg/L	1	1/8/2015 4:43 PM	R55151
trans-1,2-Dichloroethane	ND	100	0.500		µg/L	1	1/8/2015 4:43 PM	R55151
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	1/8/2015 4:43 PM	R55151
Ethylbenzene	ND	700	0.500		µg/L	1	1/8/2015 4:43 PM	R55151
Methylene chloride	ND	5.00	0.500		µg/L	1	1/8/2015 4:43 PM	R55151
Styrene	ND	100	0.500		µg/L	1	1/8/2015 4:43 PM	R55151
Tetrachloroethene	ND	5.00	0.500		µg/L	1	1/8/2015 4:43 PM	R55151
Toluene	ND	1,000	0.500		µg/L	1	1/8/2015 4:43 PM	R55151
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	1/8/2015 4:43 PM	R55151
Trichloroethene	ND	5.00	0.500		µg/L	1	1/8/2015 4:43 PM	R55151
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	1/8/2015 4:43 PM	R55151
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	1/8/2015 4:43 PM	R55151
Vinyl chloride	ND	2.00	0.500		µg/L	1	1/8/2015 4:43 PM	R55151
Total Xylenes	ND	10,000	0.500		µg/L	1	1/8/2015 4:43 PM	R55151
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	94.2		70-130		%REC	1	1/8/2015 4:43 PM	R55151
Surr: 4-Bromofluorobenzene	91.8		70-130		%REC	1	1/8/2015 4:43 PM	R55151
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Methyl tert-butyl ether	ND		0.500		µg/L	1	1/8/2015 4:43 PM	R55151

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: January 20, 2015

Project: Volatile Organic Compounds

Workorder: 1501129

Client Sample ID: WL20601

Matrix: Drinking Water

Lab ID: 1501129-005

Date Received: 1/6/2015 15:35 PM

Collection Date: 1/5/2015 13:20 PM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Benzene	ND	5.00	0.500		µg/L	1	1/8/2015 5:13 PM	R55151
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	1/8/2015 5:13 PM	R55151
Chlorobenzene	ND	100	0.500		µg/L	1	1/8/2015 5:13 PM	R55151
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	1/8/2015 5:13 PM	R55151
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	1/8/2015 5:13 PM	R55151
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	1/8/2015 5:13 PM	R55151
1,1-Dichloroethane	ND	7.00	0.500		µg/L	1	1/8/2015 5:13 PM	R55151
cis-1,2-Dichloroethane	ND	70.0	0.500		µg/L	1	1/8/2015 5:13 PM	R55151
trans-1,2-Dichloroethane	ND	100	0.500		µg/L	1	1/8/2015 5:13 PM	R55151
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	1/8/2015 5:13 PM	R55151
Ethylbenzene	ND	700	0.500		µg/L	1	1/8/2015 5:13 PM	R55151
Methylene chloride	ND	5.00	0.500		µg/L	1	1/8/2015 5:13 PM	R55151
Styrene	ND	100	0.500		µg/L	1	1/8/2015 5:13 PM	R55151
Tetrachloroethene	ND	5.00	0.500		µg/L	1	1/8/2015 5:13 PM	R55151
Toluene	ND	1,000	0.500		µg/L	1	1/8/2015 5:13 PM	R55151
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	1/8/2015 5:13 PM	R55151
Trichloroethene	ND	5.00	0.500		µg/L	1	1/8/2015 5:13 PM	R55151
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	1/8/2015 5:13 PM	R55151
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	1/8/2015 5:13 PM	R55151
Vinyl chloride	ND	2.00	0.500		µg/L	1	1/8/2015 5:13 PM	R55151
Total Xylenes	ND	10,000	0.500		µg/L	1	1/8/2015 5:13 PM	R55151
<u>Internal Quality Control Compounds</u>								
Surr: 1,2-Dichlorobenzene-d4	94.6		70-130		%REC	1	1/8/2015 5:13 PM	R55151
Surr: 4-Bromofluorobenzene	90.6		70-130		%REC	1	1/8/2015 5:13 PM	R55151
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Methyl tert-butyl ether	ND		0.500		µg/L	1	1/8/2015 5:13 PM	R55151

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: January 20, 2015

Project: Volatile Organic Compounds

Workorder: 1501129

Client Sample ID: TP02

Matrix: Drinking Water

Lab ID: 1501129-007

Date Received: 1/6/2015 15:35 PM

Collection Date: 1/5/2015 14:30 PM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Benzene	ND	5.00	0.500		µg/L	1	1/8/2015 5:43 PM	R55151
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	1/8/2015 5:43 PM	R55151
Chlorobenzene	ND	100	0.500		µg/L	1	1/8/2015 5:43 PM	R55151
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	1/8/2015 5:43 PM	R55151
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	1/8/2015 5:43 PM	R55151
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	1/8/2015 5:43 PM	R55151
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	1/8/2015 5:43 PM	R55151
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	1/8/2015 5:43 PM	R55151
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	1/8/2015 5:43 PM	R55151
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	1/8/2015 5:43 PM	R55151
Ethylbenzene	ND	700	0.500		µg/L	1	1/8/2015 5:43 PM	R55151
Methylene chloride	ND	5.00	0.500		µg/L	1	1/8/2015 5:43 PM	R55151
Styrene	ND	100	0.500		µg/L	1	1/8/2015 5:43 PM	R55151
Tetrachloroethene	ND	5.00	0.500		µg/L	1	1/8/2015 5:43 PM	R55151
Toluene	ND	1,000	0.500		µg/L	1	1/8/2015 5:43 PM	R55151
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	1/8/2015 5:43 PM	R55151
Trichloroethene	ND	5.00	0.500		µg/L	1	1/8/2015 5:43 PM	R55151
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	1/8/2015 5:43 PM	R55151
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	1/8/2015 5:43 PM	R55151
Vinyl chloride	ND	2.00	0.500		µg/L	1	1/8/2015 5:43 PM	R55151
Total Xylenes	ND	10,000	0.500		µg/L	1	1/8/2015 5:43 PM	R55151
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	94.0		70-130		%REC	1	1/8/2015 5:43 PM	R55151
Surr: 4-Bromofluorobenzene	90.0		70-130		%REC	1	1/8/2015 5:43 PM	R55151
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Methyl tert-butyl ether	ND		0.500		µg/L	1	1/8/2015 5:43 PM	R55151

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Sauk Village Water Department

Report Date: January 20, 2015

Project: Volatile Organic Compounds

Workorder: 1501129

Client Sample ID: WL200602

Matrix: Drinking Water

Lab ID: 1501129-009

Date Received: 1/6/2015 15:35 PM

Collection Date: 1/5/2015 14:20 PM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Benzene	ND	5.00	0.500		µg/L	1	1/8/2015 6:13 PM	R55151
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	1/8/2015 6:13 PM	R55151
Chlorobenzene	ND	100	0.500		µg/L	1	1/8/2015 6:13 PM	R55151
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	1/8/2015 6:13 PM	R55151
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	1/8/2015 6:13 PM	R55151
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	1/8/2015 6:13 PM	R55151
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	1/8/2015 6:13 PM	R55151
cis-1,2-Dichloroethene	0.790	70.0	0.500		µg/L	1	1/8/2015 6:13 PM	R55151
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	1/8/2015 6:13 PM	R55151
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	1/8/2015 6:13 PM	R55151
Ethylbenzene	ND	700	0.500		µg/L	1	1/8/2015 6:13 PM	R55151
Methylene chloride	ND	5.00	0.500		µg/L	1	1/8/2015 6:13 PM	R55151
Styrene	ND	100	0.500		µg/L	1	1/8/2015 6:13 PM	R55151
Tetrachloroethene	ND	5.00	0.500		µg/L	1	1/8/2015 6:13 PM	R55151
Toluene	ND	1,000	0.500		µg/L	1	1/8/2015 6:13 PM	R55151
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	1/8/2015 6:13 PM	R55151
Trichloroethene	ND	5.00	0.500		µg/L	1	1/8/2015 6:13 PM	R55151
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	1/8/2015 6:13 PM	R55151
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	1/8/2015 6:13 PM	R55151
Vinyl chloride	4.67	2.00	0.500	*	µg/L	1	1/8/2015 6:13 PM	R55151
Total Xylenes	ND	10,000	0.500		µg/L	1	1/8/2015 6:13 PM	R55151
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	96.0		70-130		%REC	1	1/8/2015 6:13 PM	R55151
Surr: 4-Bromofluorobenzene	91.8		70-130		%REC	1	1/8/2015 6:13 PM	R55151
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Methyl tert-butyl ether	ND		0.500		µg/L	1	1/8/2015 6:13 PM	R55151

SUBURBAN LABORATORIES, Inc.

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Laboratory Results

Client: Sauk Village Water Department

Report Date: January 20, 2015

Project: Volatile Organic Compounds

Workorder: 1501129

Client Sample ID: WL20602 TRIP BLANK

Matrix: Deionized Water

Lab ID: 1501129-010

Date Received: 1/6/2015 15:35 PM

Collection Date: 1/5/2015 0:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
VOLATILE ORGANIC COMPOUNDS (Regulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Benzene	ND	5.00	0.500		µg/L	1	1/12/2015 5:04 PM	R55217
Carbon tetrachloride	ND	5.00	0.500		µg/L	1	1/12/2015 5:04 PM	R55217
Chlorobenzene	ND	100	0.500		µg/L	1	1/12/2015 5:04 PM	R55217
1,4-Dichlorobenzene	ND	75.0	0.500		µg/L	1	1/12/2015 5:04 PM	R55217
1,2-Dichlorobenzene	ND	600	0.500		µg/L	1	1/12/2015 5:04 PM	R55217
1,2-Dichloroethane	ND	5.00	0.500		µg/L	1	1/12/2015 5:04 PM	R55217
1,1-Dichloroethene	ND	7.00	0.500		µg/L	1	1/12/2015 5:04 PM	R55217
cis-1,2-Dichloroethene	ND	70.0	0.500		µg/L	1	1/12/2015 5:04 PM	R55217
trans-1,2-Dichloroethene	ND	100	0.500		µg/L	1	1/12/2015 5:04 PM	R55217
1,2-Dichloropropane	ND	5.00	0.500		µg/L	1	1/12/2015 5:04 PM	R55217
Ethylbenzene	ND	700	0.500		µg/L	1	1/12/2015 5:04 PM	R55217
Methylene chloride	ND	5.00	0.500		µg/L	1	1/12/2015 5:04 PM	R55217
Styrene	ND	100	0.500		µg/L	1	1/12/2015 5:04 PM	R55217
Tetrachloroethene	ND	5.00	0.500		µg/L	1	1/12/2015 5:04 PM	R55217
Toluene	ND	1,000	0.500		µg/L	1	1/12/2015 5:04 PM	R55217
1,2,4-Trichlorobenzene	ND	70.0	0.500		µg/L	1	1/12/2015 5:04 PM	R55217
Trichloroethene	ND	5.00	0.500		µg/L	1	1/12/2015 5:04 PM	R55217
1,1,1-Trichloroethane	ND	200	0.500		µg/L	1	1/12/2015 5:04 PM	R55217
1,1,2-Trichloroethane	ND	5.00	0.500		µg/L	1	1/12/2015 5:04 PM	R55217
Vinyl chloride	ND	2.00	0.500		µg/L	1	1/12/2015 5:04 PM	R55217
Total Xylenes	ND	10,000	0.500		µg/L	1	1/12/2015 5:04 PM	R55217
Internal Quality Control Compounds								
Surr: 1,2-Dichlorobenzene-d4	90.0		70-130		%REC	1	1/12/2015 5:04 PM	R55217
Surr: 4-Bromofluorobenzene	89.4		70-130		%REC	1	1/12/2015 5:04 PM	R55217
VOLATILE ORGANIC COMPOUNDS (Unregulated)			Method: EPA-524.2-4.1, 1995			Analyst: ks		
Methyl tert-butyl ether	ND		0.500		µg/L	1	1/12/2015 5:04 PM	R55217



Report Date: January 20, 2015

WorkOrder: 1501129

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- c Analyte not in SLI scope of accreditation
- C Value is below Minimum Concentration Limit
- 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 compound
- ND Not Detected at the Reporting Limit
- P Present
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits



Suburban Laboratories, Inc.

1950 S. Batavia Ave., Suite 150, Geneva, Illinois 60134
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IEPA #100225 IDPH #17585

Chain of Custody for Drinking Water Compliance Testing

Report To:
Dave Overocker
Sauk Village Water Department
21801 Torrence Avenue
Sauk Village, IL 60411

Phone: (708) 758-3330
Project ID: 0312790 - VOC

Collected By: David Overocker

IMPORTANT: Verify Sampling dates and sampling sites with IEPA Demand Notice

Workorder Lab Use Only
150129
Lab Sample Number

Sample Point	# Bott	Analysis	Date Collect	Time Collect	Lab Sample Number
TP01 TRTMT PLANT WELLS 1 AND 2	2	524_UNRE 524 G	1-5-15	1:30	
WL20600 WELL 1 AT TREATMENT PLANT 2217 220T	2	524_UNRE 524 G	1-5-15	1:45	
WL20601 WELL 2 AT TREATMENT PLANT 2217 220T	2	524_UNRE 524 G	1-5-15	1:20	
TRIP BLANK LAB PREPARED	1				

Relinquished By: [Signature] Date/Time 1-6-15

Received By: [Signature] Date/Time 1-6-15 15:35

Lab Use Only
Received on Ice: Yes / No
Received Temperature: 3 °C
Received By: SK
Date Received: 1-6-15 Time Received: 15:35
Lab Delivery: Client UPS FedEx Mail Other

Please provide any contact or address changes as needed.



SUBURBAN LABORATORIES, Inc.
 4140 Litt Drive Hillside, IL 60162
 Tel. 708.544.3280

Fax: 708.544.8567
 Toll Free: 800.783.LABS
 www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

Electronic Version

Company Name: **Village of Sauk Village**
 Company Address: **21801 TALENCE AVE**
 City: **Sauk Village IL** State: **IL** Zip: **60411**
 Phone: **708 257 2423** Fax: **708-257-6637**
 Project ID / Location: **0312790 - VOC Volatile Organic Compounds**
 Project Manager (Report to): **David Overacker**
 Sample Collector(s): **David Overacker**

TURNAROUND TIME REQUESTED
 Normal RUSH*
 *Date & Time Needed: _____
 *Additional Rush Charges Approved.
 Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.
 Specify Regulatory Program: None/Info only
 LUST SRP SDWA
 503 Sludge NPDES MWRDGC
 Disposal Other: _____
 *Please specify in comment section below.

ANALYSIS & METHOD REQUESTED
 Enter an "X" in box below for request

Page No. **1 of 1**
 Shipping Method Level Level Level
 LAB USE ONLY
 SU Order No. **1501129**
 Sample containers supplied by customer? Yes
 Temperature of Received Samples **3** °C
 Samples received within 24 hours of collection? Yes

SAMPLE IDENTIFICATION	COLLECTION		MATRIX	GRAB/COMP.	QTY	CONTAINERS SIZE & TYPE	PRESERVATIVE	ANALYSIS & METHOD REQUESTED
	DATE	TIME						
1 TP02	1/5/15	2:30	DW	G	2	40ml Glass Vial	C6H8O6/HCl	X
2 Trip Blank			DI	G	1	40ml Glass Vial	C6H8O6/HCl	X
3 WL20602	1/5/15	2:20	DW	G	2	40ml Glass Vial	C6H8O6/HCl	X
4 Trip Blank			DI	G	1	40ml Glass Vial	C6H8O6/HCl	X
5								
6								
7								
8								
9								
10								
11								
12								

COMMENTS & SPECIAL INSTRUCTIONS:
 PLEASE COMPLETE THE HIGHLIGHTED SECTIONS.

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water (SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) CONTAINERS: 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) PRESERVATIVE: H₂SO₄, HCl, HNO₃, Methanol (MeOH), NaOH, Sodium Bisulfite (NaB), NaThio

1. Roll-inquired By: **[Signature]** Date: **1/6/15**
 2. Roll-inquired By: **[Signature]** Date: **1-6-15**
 3. Roll-inquired By: _____ Date: _____
 4. Roll-inquired By: _____ Date: _____

CONDITION CODES
 1. Improper/damaged container/cap
 2. Improper preservation
 3. Insufficient sample volume
 4. Headspace/bubbles for VOCs
 5. Received past holding time
 6. Received frozen
 7. Label conflicts with COC

Received By: **[Signature]** Date: **1-6-15** Time: **10:50**
 Received By: **[Signature]** Date: **1-6-15** Time: **15:35**
 Received By: _____ Date: _____ Time: _____
 Received By: _____ Date: _____ Time: _____

Submission of samples subject to Terms and Conditions on back. Rev. 7/2008 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.