



May 19, 2016

Nichae Whitenhill
Harvey School District 152
16001 North Lincoln Avenue
Harvey, IL 60426

Work Order: 1605885

TEL:

FAX:

RE: Harvey School District 152 Drinking Water Analysis

Dear Nichae Whitenhill:

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'.

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: 5/19/2016 12:50 PM



Case Narrative

Client: HARVEY_SCHOOL_DISTRICT_152

Date: May 19, 2016

Project: Harvey School District 152 Drinking Water Analysis

PO:

WorkOrder: 1605885

QC Level:

Temperature of samples upon receipt at lab: 18 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.
- All radiological results are reported to the 95% confidence level.

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:

1605885-001B - 009B was preserved in the lab.

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Harvey School District 152

Report Date: May 19, 2016

Project: Harvey School District 152 Drinking Water Analysis

Workorder: 1605885

Client Sample ID: Brooks

Matrix: Drinking Water

Lab ID: 1605885-001

Date Received: 5/11/2016 13:05 PM

Collection Date: 5/11/2016 7:16 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS		Method: EPA-200.8-5.4, 1994			Analyst: jmk			
Lead	ND	15.0	5.00		µg/L	1	5/17/2016 6:57 PM	36263
Coliform, Presence-Absence		Method: EPA-9223B-PA-1997 Rev. Online			Analyst: emk			
Total Coliform	0		0		CFU/100m 1	1	5/12/2016 4:55 PM	36212
E. Coli	0		0		CFU/100m 1	1	5/12/2016 4:55 PM	36212

Client Sample ID: Fields

Matrix: Drinking Water

Lab ID: 1605885-002

Date Received: 5/11/2016 13:05 PM

Collection Date: 5/11/2016 7:29 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS		Method: EPA-200.8-5.4, 1994			Analyst: jmk			
Lead	ND	15.0	5.00		µg/L	1	5/17/2016 7:01 PM	36263
Coliform, Presence-Absence		Method: EPA-9223B-PA-1997 Rev. Online			Analyst: emk			
Total Coliform	0		0		CFU/100m 1	1	5/12/2016 4:55 PM	36212
E. Coli	0		0		CFU/100m 1	1	5/12/2016 4:55 PM	36212

Client Sample ID: Sandburg

Matrix: Drinking Water

Lab ID: 1605885-003

Date Received: 5/11/2016 13:05 PM

Collection Date: 5/11/2016 7:30 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS		Method: EPA-200.8-5.4, 1994			Analyst: jmk			
Lead	ND	15.0	5.00		µg/L	1	5/17/2016 7:05 PM	36263

SUBURBAN LABORATORIES, Inc.

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Laboratory Results

Client: Harvey School District 152

Report Date: May 19, 2016

Project: Harvey School District 152 Drinking Water Analysis

Workorder: 1605885

Client Sample ID: Sandburg

Matrix: Drinking Water

Lab ID: 1605885-003

Date Received: 5/11/2016 13:05 PM

Collection Date: 5/11/2016 7:30 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
Coliform, Presence-Absence		Method: EPA-9223B-PA-1997 Rev. Online			Analyst: emk			
Total Coliform	0		0		CFU/100m 1	1	5/12/2016 4:55 PM	36212
E. Coli	0		0		CFU/100m 1	1	5/12/2016 4:55 PM	36212

Client Sample ID: Bryant

Matrix: Drinking Water

Lab ID: 1605885-004

Date Received: 5/11/2016 13:05 PM

Collection Date: 5/11/2016 7:49 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS		Method: EPA-200.8-5.4, 1994			Analyst: jmk			
Lead	ND	15.0	5.00		µg/L	1	5/17/2016 7:09 PM	36263
Coliform, Presence-Absence		Method: EPA-9223B-PA-1997 Rev. Online			Analyst: emk			
Total Coliform	0		0		CFU/100m 1	1	5/12/2016 4:55 PM	36212
E. Coli	0		0		CFU/100m 1	1	5/12/2016 4:55 PM	36212

Client Sample ID: Whittier

Matrix: Drinking Water

Lab ID: 1605885-005

Date Received: 5/11/2016 13:05 PM

Collection Date: 5/11/2016 7:56 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS		Method: EPA-200.8-5.4, 1994			Analyst: jmk			
Lead	ND	15.0	5.00		µg/L	1	5/17/2016 7:14 PM	36263
Coliform, Presence-Absence		Method: EPA-9223B-PA-1997 Rev. Online			Analyst: emk			
Total Coliform	0		0		CFU/100m 1	1	5/12/2016 4:55 PM	36212

SUBURBAN LABORATORIES, Inc.

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Laboratory Results

Client: Harvey School District 152

Report Date: May 19, 2016

Project: Harvey School District 152 Drinking Water Analysis

Workorder: 1605885

Client Sample ID: Whittier

Matrix: Drinking Water

Lab ID: 1605885-005

Date Received: 5/11/2016 13:05 PM

Collection Date: 5/11/2016 7:56 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
Coliform, Presence-Absence		Method: EPA-9223B-PA-1997 Rev. Online			Analyst: emk			
E. Coli	0		0		CFU/100m 1	1	5/12/2016 4:55 PM	36212

Client Sample ID: Lowell

Matrix: Drinking Water

Lab ID: 1605885-006

Date Received: 5/11/2016 13:05 PM

Collection Date: 5/11/2016 8:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS		Method: EPA-200.8-5.4, 1994			Analyst: jmk			
Lead	ND	15.0	5.00		µg/L	1	5/18/2016 6:52 PM	36263
Coliform, Presence-Absence		Method: EPA-9223B-PA-1997 Rev. Online			Analyst: emk			
Total Coliform	0		0		CFU/100m 1	1	5/12/2016 4:55 PM	36212
E. Coli	0		0		CFU/100m 1	1	5/12/2016 4:55 PM	36212

Client Sample ID: Holmes

Matrix: Drinking Water

Lab ID: 1605885-007

Date Received: 5/11/2016 13:05 PM

Collection Date: 5/11/2016 8:30 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS		Method: EPA-200.8-5.4, 1994			Analyst: jmk			
Lead	ND	15.0	5.00		µg/L	1	5/18/2016 6:55 PM	36263
Coliform, Presence-Absence		Method: EPA-9223B-PA-1997 Rev. Online			Analyst: emk			
Total Coliform	0		0		CFU/100m 1	1	5/12/2016 4:55 PM	36212
E. Coli	0		0		CFU/100m 1	1	5/12/2016 4:55 PM	36212

Client Sample ID: Maya Angelou

Matrix: Drinking Water

Rpt Ver: 5/19/2016 12:50 PM

Client Sample ID:

Lab ID: 1605885-008

Date Received: 5/11/2016 13:05 PM

Matrix:

Collection Date: 5/11/2016 8:50 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS		Method: EPA-200.8-5.4, 1994			Analyst: jmk			
Lead	ND	15.0	5.00		µg/L	1	5/18/2016 7:12 PM	36263
Coliform, Presence-Absence		Method: EPA-9223B-PA-1997 Rev. Online			Analyst: emk			
Total Coliform	0		0		CFU/100m 1	1	5/12/2016 4:55 PM	36212
E. Coli	0		0		CFU/100m 1	1	5/12/2016 4:55 PM	36212

Client Sample ID: Riley

Lab ID: 1605885-009

Date Received: 5/11/2016 13:05 PM

Matrix: Drinking Water

Collection Date: 5/11/2016 8:58 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS		Method: EPA-200.8-5.4, 1994			Analyst: jmk			
Lead	ND	15.0	5.00		µg/L	1	5/18/2016 7:15 PM	36263
Coliform, Presence-Absence		Method: EPA-9223B-PA-1997 Rev. Online			Analyst: emk			
Total Coliform	0		0		CFU/100m 1	1	5/12/2016 4:55 PM	36212
E. Coli	0		0		CFU/100m 1	1	5/12/2016 4:55 PM	36212

SUBURBAN LABORATORIES, Inc.

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Prep Dates

Client: Harvey School District 152

Report Date: May 19, 2016
Original

Project: Harvey School District 152 Drinking Water Analysis

Workorder: 1605885

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1605885-001A	Brooks	5/11/2016 7:16 AM	36212	Total Coliform Prep		5/11/2016 4:40 PM
1605885-001B	Brooks	5/11/2016 7:16 AM	36263	Turbidity Check		5/13/2016 2:17 PM
1605885-002A	Fields	5/11/2016 7:29 AM	36212	Total Coliform Prep		5/11/2016 4:40 PM
1605885-002B	Fields	5/11/2016 7:29 AM	36263	Turbidity Check		5/13/2016 2:17 PM
1605885-003A	Sandburg	5/11/2016 7:30 AM	36212	Total Coliform Prep		5/11/2016 4:40 PM
1605885-003B	Sandburg	5/11/2016 7:30 AM	36263	Turbidity Check		5/13/2016 2:17 PM
1605885-004A	Bryant	5/11/2016 7:49 AM	36212	Total Coliform Prep		5/11/2016 4:40 PM
1605885-004B	Bryant	5/11/2016 7:49 AM	36263	Turbidity Check		5/13/2016 2:17 PM
1605885-005A	Whittier	5/11/2016 7:56 AM	36212	Total Coliform Prep		5/11/2016 4:40 PM
1605885-005B	Whittier	5/11/2016 7:56 AM	36263	Turbidity Check		5/13/2016 2:17 PM
1605885-006A	Lowell	5/11/2016 8:00 AM	36212	Total Coliform Prep		5/11/2016 4:40 PM
1605885-006B	Lowell	5/11/2016 8:00 AM	36263	Turbidity Check		5/13/2016 2:17 PM
1605885-007A	Holmes	5/11/2016 8:30 AM	36212	Total Coliform Prep		5/11/2016 4:40 PM
1605885-007B	Holmes	5/11/2016 8:30 AM	36263	Turbidity Check		5/13/2016 2:17 PM
1605885-008A	Maya Angelou	5/11/2016 8:50 AM	36212	Total Coliform Prep		5/11/2016 4:40 PM
1605885-008B	Maya Angelou	5/11/2016 8:50 AM	36263	Turbidity Check		5/13/2016 2:17 PM
1605885-009A	Riley	5/11/2016 8:58 AM	36212	Total Coliform Prep		5/11/2016 4:40 PM
1605885-009B	Riley	5/11/2016 8:58 AM	36263	Turbidity Check		5/13/2016 2:17 PM



Report Date: May 19, 2016

WorkOrder: 1605885

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

cgivines @harvey152.org



SUBURBAN LABORATORIES, Inc.
1950 S Batavia Ave Ste 150 Geneva IL 60134
Tel. 708.544.3280 Fax: 708.544.8587

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

Electronic Version

Company Name: Harvey School District 152 (Brooks)
 Company Address: 6001 N Lincoln
 City: Harvey State: IL Zip: 60426
 Phone: 708.333.0300 Fax: 708.333.0300 Fax Report
 Email Address: harvey152.org
 Project ID / Location: Harvey School District 152 Lead and Coliform Analysis
 Project Manager (Report to): Dr Nohelty, Kevin
 Sample Collector(s): Nyche Whittehill

TURNAROUND TIME REQUESTED: Normal RUSH*
 *Additional Rush Charges Approved.
 *Date & Time Needed: _____
 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 1 of 2
 PO No. _____
 Shipping Method: Level 1 2 3
 LAB USE ONLY
 Sample containers supplied by customer? Yes No
 Temperature of Received Samples: _____ °C
 Samples received within 24 hours of collection? Yes No

SITE #	SITE NAME	COLLECTION		MATRIX	GRAB/COMP.	CONTAINERS	PRESERVATIVE	Total Coliform	Lead	CONDITION CODES
		DATE	TIME							
1	SITE 1: Brooks	5/11/16	7:16	DW	G	1 120ml Plastic	NaThio	X		1A
2	SITE 1: Brooks	5/11/16	7:18	DW	G	1 1L Plastic	HNO3	X		1B
3	SITE 2: Fields	5/11/16	7:29	DW	G	1 120ml Plastic	NaThio	X		2A
4	SITE 2: Fields	5/11/16	7:29	DW	G	1 1L Plastic	HNO3	X		2B
5	SITE 3: Sandburg	5/11/16	7:30	DW	G	1 120ml Plastic	NaThio	X		3A
6	SITE 3: Sandburg	5/11/16	7:38	DW	G	1 1L Plastic	HNO3	X		3B
7	SITE 4: Bryant	5/11/16	7:49	DW	G	1 120ml Plastic	NaThio	X		4A
8	SITE 4: Bryant	5/11/16	7:49	DW	G	1 1L Plastic	HNO3	X		4B
9	SITE 5: Whitstier	5/11/16	7:56	DW	G	1 120ml Plastic	NaThio	X		5A
10	SITE 5: Whitstier	5/11/16	7:52	DW	G	1 1L Plastic	HNO3	X		5B
11	SITE 6: Lowell	5/11/16	8:00	DW	G	1 120ml Plastic	NaThio	X		6A
12	SITE 6: Lowell	5/11/16	8:40	DW	G	1 1L Plastic	HNO3	X		6B

COMMENTS & SPECIAL INSTRUCTIONS:
 PLEASE COMPLETE THE HIGHLIGHTED SECTIONS
 COLLECT TWO BOTTLES FROM THE EACH SOURCE TAP
 DELIVER TO 1950 S BATAVIA AVE, STE 150, GENEVA, IL 60134 WITHIN 24 HOURS OF COLLECTION
 HOURS OPEN MONDAY THROUGH FRIDAY 8:00 AM THROUGH 4:30 PM
 PREPARATION \$600.00 PER BATCH SAMPLES

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. Relinquished By: Kevin Nohelty Date: 5/11/16
 2. Relinquished By: _____ Date: _____
 3. Relinquished By: _____ Date: _____
 4. Relinquished By: _____ Date: _____

Received By: 258 Time: 13:05
 ICP Time: _____
 ICP Time: _____
 ICP Time: _____
 ICP Time: _____

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08



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

Electronic Version

Company Name: _____
 Company Address: _____
 City: _____ State: _____ Zip: _____
 Phone: _____ Fax: Fax Report
 Email Address: _____
 Project ID / Location: Harvey School District 152 Lead and Coliform Analysis
 Project Manager (Report to): _____
 Sample Collector(s): _____

TURNAROUND TIME REQUESTED
 Normal RUSH* *Additional Rush Charges Approved.
 *Date & Time Needed: _____
 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
 (Required) LUST SRP SDWA
 503 Sludge NPDES MWRDGC
 Disposal Other *Please specify in comment section below.

SAMPLE IDENTIFICATION	COLLECTION		MATRIX	GRAB/COMP	CONTAINERS	PRESERVATIVE	ANALYSIS & METHOD REQUESTED	
	DATE	TIME					SIZE & TYPE	Total Coliform
1 SITE 7: Holmes	5/11/16	8:30	DW	G	1 120ml Plastic	NaThio		
2 SITE 7: Holmes	5/11/16	8:30	DW	G	1 1 L Plastic	HNO3	X	
3 SITE 8: Maya Angelou	5/11/16	8:50	DW	G	1 120ml Plastic	NaThio		
4 SITE 8: Maya Angelou	5/11/16	8:50	DW	G	1 1 L Plastic	HNO3	X	
5 SITE 9: Riley	5/11/16	8:58	DW	G	1 120ml Plastic	NaThio	X	
6 SITE 9: Riley	5/11/16	8:58	DW	G	1 1 L Plastic	HNO3	X	
7 SITE 10:			DW	G	1 120ml Plastic	NaThio		
8 SITE 10:			DW	G	1 1 L Plastic	HNO3	X	
9 SITE 11:			DW	G	1 120ml Plastic	NaThio	X	
10 SITE 11:			DW	G	1 1 L Plastic	HNO3	X	
11 SITE 12:			DW	G	1 120ml Plastic	NaThio	X	
12 SITE 12:			DW	G	1 1 L Plastic	HNO3	X	

COMMENTS & SPECIAL INSTRUCTIONS:
 PLEASE COMPLETE THE HIGHLIGHTED SECTIONS
 COLLECT TWO BOTTLES FROM THE EACH SOURCE TAP
 DELIVER TO 1950 S BATAVIA AVE, STE 150, GENEVA, IL 60134 WITHIN 24 HOURS OF COLLECTION
 HOURS OPEN MONDAY THROUGH FRIDAY 8:00 AM THROUGH 4:30 PM
 PREPARATION \$690.00 DUE WITH SAMPLES

1. Rollinquired By: _____ Date: 5/11/16
 2. Rollinquired By: _____ Date: _____
 3. Rollinquired By: _____ Date: _____
 4. Rollinquired By: _____ Date: _____
 5. Received By: _____ Date: _____
 6. Received By: _____ Date: _____
 7. Lab'd certified with COC: _____ Date: _____