



April 19, 2016

Valerie Hofmann
Hygieneering, Inc.
7575 Plaza Court
Willowbrook, IL 60521

Work Order: 1604B42

TEL: (630) 654-2550

FAX:

RE: 2016-2607 Westbrook Elementary

Dear Valerie Hofmann:

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 that reads "Pat Rodriguez".

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





Case Narrative

Client: HYGIENEERING

Date: April 19, 2016

Project: 2016-2607 Westbrook Elementary

PO: 2016-2607

WorkOrder: 1604B42

QC Level:

Temperature of samples upon receipt at lab: 23 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: Hygieneering, Inc.

Report Date: April 19, 2016

Project: 2016-2607 Westbrook Elementary

Workorder: 1604B42

Client Sample ID: 1333 Rm 1C-F1

Matrix: Drinking Water

Lab ID: 1604B42-001

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 7:08 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	4/18/2016 10:54 AM	35640

Client Sample ID: 1333 Rm 2-F2

Matrix: Drinking Water

Lab ID: 1604B42-002

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 7:11 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	4/18/2016 10:57 AM	35640

Client Sample ID: 1333 Rm 3-F3

Matrix: Drinking Water

Lab ID: 1604B42-003

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 7:14 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	4/18/2016 10:59 AM	35640

Client Sample ID: 1333 Rm 4-F4

Matrix: Drinking Water

Lab ID: 1604B42-004

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 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	4/18/2016 11:02 AM	35640

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Hygieneering, Inc.

Report Date: April 19, 2016

Project: 2016-2607 Westbrook Elementary

Workorder: 1604B42

Client Sample ID: 1333 Rm 5-F5

Matrix: Drinking Water

Lab ID: 1604B42-005

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 7:19 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	4/18/2016 11:05 AM	35640

Client Sample ID: 1333 Rm 6-F6

Matrix: Drinking Water

Lab ID: 1604B42-006

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 7:19 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	4/18/2016 11:08 AM	35640

Client Sample ID: 1333 HF9

Matrix: Drinking Water

Lab ID: 1604B42-007

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 7:21 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	4/18/2016 11:25 AM	35640

Client Sample ID: 1333 Rm10 F10

Matrix: Drinking Water

Lab ID: 1604B42-008

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 7:22 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	4/18/2016 11:28 AM	35640

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Hygieneering, Inc.

Report Date: April 19, 2016

Project: 2016-2607 Westbrook Elementary

Workorder: 1604B42

Client Sample ID: 1333 Rm11 F11

Matrix: Drinking Water

Lab ID: 1604B42-009

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 7:22 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	4/18/2016 11:31 AM	35640

Client Sample ID: 1333 Rm12 F12

Matrix: Drinking Water

Lab ID: 1604B42-010

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 7:25 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	4/18/2016 11:34 AM	35640

Client Sample ID: 1333 Rm13 F13

Matrix: Drinking Water

Lab ID: 1604B42-011

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 7:26 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	4/18/2016 11:40 AM	35640

Client Sample ID: 1333 Rm14 F14

Matrix: Drinking Water

Lab ID: 1604B42-012

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 7:27 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	4/18/2016 11:43 AM	35640

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Hygieneering, Inc.

Report Date: April 19, 2016

Project: 2016-2607 Westbrook Elementary

Workorder: 1604B42

Client Sample ID: 1333 Rm15 F15

Matrix: Drinking Water

Lab ID: 1604B42-013

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 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	4/18/2016 11:57 AM	35640

Client Sample ID: 1333 Rm16 F16

Matrix: Drinking Water

Lab ID: 1604B42-014

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 7:31 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	4/18/2016 12:00 PM	35640

Client Sample ID: 1333 Rm17 F17

Matrix: Drinking Water

Lab ID: 1604B42-015

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 7:32 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	4/18/2016 12:03 PM	35640

Client Sample ID: 1333 Rm18 F18

Matrix: Drinking Water

Lab ID: 1604B42-016

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 7:34 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	4/18/2016 12:06 PM	35640

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Hygieneering, Inc.

Report Date: April 19, 2016

Project: 2016-2607 Westbrook Elementary

Workorder: 1604B42

Client Sample ID: 1333 Rm19 F19

Matrix: Drinking Water

Lab ID: 1604B42-017

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 7:36 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	4/18/2016 12:09 PM	35640

Client Sample ID: 1333 Rm20 F20

Matrix: Drinking Water

Lab ID: 1604B42-018

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 7:36 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	4/18/2016 12:12 PM	35640

Client Sample ID: 1333 Rm 50 F50

Matrix: Drinking Water

Lab ID: 1604B42-019

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 7:38 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	4/18/2016 12:14 PM	35640

Client Sample ID: 1333 HF 29A

Matrix: Drinking Water

Lab ID: 1604B42-020

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 7:42 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	4/18/2016 12:17 PM	35640

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Hygieneering, Inc.

Report Date: April 19, 2016

Project: 2016-2607 Westbrook Elementary

Workorder: 1604B42

Client Sample ID: 1333 HF 29B

Matrix: Drinking Water

Lab ID: 1604B42-021

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 7:42 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	4/18/2016 12:43 PM	35641

Client Sample ID: 1333 Rm 33 F33

Matrix: Drinking Water

Lab ID: 1604B42-022

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 7:48 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	4/18/2016 12:46 PM	35641

Client Sample ID: 1333 Rm 35 F35

Matrix: Drinking Water

Lab ID: 1604B42-023

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 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	4/18/2016 12:49 PM	35641

Client Sample ID: 1333 Rm 37 F37

Matrix: Drinking Water

Lab ID: 1604B42-024

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 7:45 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	4/18/2016 12:52 PM	35641

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Hygieneering, Inc.

Report Date: April 19, 2016

Project: 2016-2607 Westbrook Elementary

Workorder: 1604B42

Client Sample ID: 1333 Rm 39 F39

Matrix: Drinking Water

Lab ID: 1604B42-025

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 7:47 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	4/18/2016 1:06 PM	35641

Client Sample ID: 1333 Rm 41 F41

Matrix: Drinking Water

Lab ID: 1604B42-026

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 7:48 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	4/18/2016 1:09 PM	35641

Client Sample ID: 1333 Rm 40 F40

Matrix: Drinking Water

Lab ID: 1604B42-027

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 7:48 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	4/18/2016 1:12 PM	35641

Client Sample ID: 1333 Rm 38 F38

Matrix: Drinking Water

Lab ID: 1604B42-028

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 7:51 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	4/18/2016 1:15 PM	35641

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Hygieneering, Inc.

Report Date: April 19, 2016

Project: 2016-2607 Westbrook Elementary

Workorder: 1604B42

Client Sample ID: 1333 Rm 36 F36

Matrix: Drinking Water

Lab ID: 1604B42-029

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 7:52 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	4/18/2016 1:18 PM	35641

Client Sample ID: 1333 Rm 34 F34

Matrix: Drinking Water

Lab ID: 1604B42-030

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 7:53 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	4/18/2016 1:21 PM	35641

Client Sample ID: 1333 Rm 32 F32

Matrix: Drinking Water

Lab ID: 1604B42-031

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 7:54 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	4/18/2016 1:24 PM	35641

Client Sample ID: 1333 Rm 51 S51

Matrix: Drinking Water

Lab ID: 1604B42-032

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 8:01 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	4/18/2016 1:41 PM	35641

SUBURBAN LABORATORIES, Inc.

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



Laboratory Results

Client: Hygieneering, Inc.

Report Date: April 19, 2016

Project: 2016-2607 Westbrook Elementary

Workorder: 1604B42

Client Sample ID: 1333 Rm 52 S52

Matrix: Drinking Water

Lab ID: 1604B42-033

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 8:02 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	4/18/2016 1:44 PM	35641

Client Sample ID: 1333 Rm 53 S53

Matrix: Drinking Water

Lab ID: 1604B42-034

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 8:03 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	4/18/2016 1:46 PM	35641

Client Sample ID: 1333 Rm 54 S54

Matrix: Drinking Water

Lab ID: 1604B42-035

Date Received: 4/18/2016 8:04 AM

Collection Date: 4/16/2016 8:04 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	4/18/2016 1:49 PM	35641

SUBURBAN LABORATORIES, Inc.

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



Prep Dates

Client: Hygieneering, Inc.

Report Date: April 19, 2016
Original

Project: 2016-2607 Westbrook Elementary

Workorder: 1604B42

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1604B42-001A	1333 Rm 1C-F1	4/16/2016 7:08 AM	35640	Turbidity Check		4/18/2016 9:21 AM
1604B42-002A	1333 Rm 2-F2	4/16/2016 7:11 AM	35640	Turbidity Check		4/18/2016 9:21 AM
1604B42-003A	1333 Rm 3-F3	4/16/2016 7:14 AM	35640	Turbidity Check		4/18/2016 9:21 AM
1604B42-004A	1333 Rm 4-F4	4/16/2016 7:16 AM	35640	Turbidity Check		4/18/2016 9:21 AM
1604B42-005A	1333 Rm 5-F5	4/16/2016 7:19 AM	35640	Turbidity Check		4/18/2016 9:21 AM
1604B42-006A	1333 Rm 6-F6	4/16/2016 7:19 AM	35640	Turbidity Check		4/18/2016 9:21 AM
1604B42-007A	1333 HF9	4/16/2016 7:21 AM	35640	Turbidity Check		4/18/2016 9:21 AM
1604B42-008A	1333 Rm10 F10	4/16/2016 7:22 AM	35640	Turbidity Check		4/18/2016 9:21 AM
1604B42-009A	1333 Rm11 F11	4/16/2016 7:22 AM	35640	Turbidity Check		4/18/2016 9:21 AM
1604B42-010A	1333 Rm12 F12	4/16/2016 7:25 AM	35640	Turbidity Check		4/18/2016 9:21 AM
1604B42-011A	1333 Rm13 F13	4/16/2016 7:26 AM	35640	Turbidity Check		4/18/2016 9:21 AM
1604B42-012A	1333 Rm14 F14	4/16/2016 7:27 AM	35640	Turbidity Check		4/18/2016 9:21 AM
1604B42-013A	1333 Rm15 F15	4/16/2016 7:29 AM	35640	Turbidity Check		4/18/2016 9:21 AM
1604B42-014A	1333 Rm16 F16	4/16/2016 7:31 AM	35640	Turbidity Check		4/18/2016 9:21 AM
1604B42-015A	1333 Rm17 F17	4/16/2016 7:32 AM	35640	Turbidity Check		4/18/2016 9:21 AM
1604B42-016A	1333 Rm18 F18	4/16/2016 7:34 AM	35640	Turbidity Check		4/18/2016 9:21 AM
1604B42-017A	1333 Rm19 F19	4/16/2016 7:36 AM	35640	Turbidity Check		4/18/2016 9:21 AM
1604B42-018A	1333 Rm20 F20	4/16/2016 7:36 AM	35640	Turbidity Check		4/18/2016 9:21 AM
1604B42-019A	1333 Rm 50 F50	4/16/2016 7:38 AM	35640	Turbidity Check		4/18/2016 9:21 AM

Rpt Ver: 4/19/2016 10:55 AM

SUBURBAN LABORATORIES, Inc.

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



Prep Dates

Client: Hygieneering, Inc.

Report Date: April 19, 2016
Original

Project: 2016-2607 Westbrook Elementary

Workorder: 1604B42

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1604B42-020A	1333 HF 29A	4/16/2016 7:42 AM	35640	Turbidity Check		4/18/2016 9:21 AM
1604B42-021A	1333 HF 29B	4/16/2016 7:42 AM	35641	Turbidity Check		4/18/2016 9:22 AM
1604B42-022A	1333 Rm 33 F33	4/16/2016 7:48 AM	35641	Turbidity Check		4/18/2016 9:22 AM
1604B42-023A	1333 Rm 35 F35	4/16/2016 7:49 AM	35641	Turbidity Check		4/18/2016 9:22 AM
1604B42-024A	1333 Rm 37 F37	4/16/2016 7:45 AM	35641	Turbidity Check		4/18/2016 9:22 AM
1604B42-025A	1333 Rm 39 F39	4/16/2016 7:47 AM	35641	Turbidity Check		4/18/2016 9:22 AM
1604B42-026A	1333 Rm 41 F41	4/16/2016 7:48 AM	35641	Turbidity Check		4/18/2016 9:22 AM
1604B42-027A	1333 Rm 40 F40	4/16/2016 7:48 AM	35641	Turbidity Check		4/18/2016 9:22 AM
1604B42-028A	1333 Rm 38 F38	4/16/2016 7:51 AM	35641	Turbidity Check		4/18/2016 9:22 AM
1604B42-029A	1333 Rm 36 F36	4/16/2016 7:52 AM	35641	Turbidity Check		4/18/2016 9:22 AM
1604B42-030A	1333 Rm 34 F34	4/16/2016 7:53 AM	35641	Turbidity Check		4/18/2016 9:22 AM
1604B42-031A	1333 Rm 32 F32	4/16/2016 7:54 AM	35641	Turbidity Check		4/18/2016 9:22 AM
1604B42-032A	1333 Rm 51 S51	4/16/2016 8:01 AM	35641	Turbidity Check		4/18/2016 9:22 AM
1604B42-033A	1333 Rm 52 S52	4/16/2016 8:02 AM	35641	Turbidity Check		4/18/2016 9:22 AM
1604B42-034A	1333 Rm 53 S53	4/16/2016 8:03 AM	35641	Turbidity Check		4/18/2016 9:22 AM
1604B42-035A	1333 Rm 54 S54	4/16/2016 8:04 AM	35641	Turbidity Check		4/18/2016 9:22 AM



Report Date: April 19, 2016

WorkOrder: 1604B42

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

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

Electronic Version
 Page 1 of 3
 PO No. 2016-2607
 Shipping Method

Company Name: Hygieneering, INC.
 Company Address: 7575 Plaza Court
 City: Willowbrook State: IL Zip: 60527
 Phone: 630-706-6684 Fax: Fax Report
 Email Address: vhoifmann@hygieneering.com
 Project ID / Location: 2016-26071 Westbrook Elementary
 Project Manager (Report to): Valerie Hofmann
 Sample Collector(s): Josh Leer, Chris Garel, Jeff Clark

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
 Method 200.8 Lead

LAB USE ONLY
 SL Order No. 1604B42
 Sample containers supplied by customer? Yes
 Temperature of Received Samples: 23 °C
 Samples received within 24 hours of collection? Yes
 R Condition Split LAB # 1A

SAMPLE IDENTIFICATION	COLLECTION		MATRIX	GRAB/COMP.	CONTAINERS	PRESERVATIVE	ANALYSIS & METHOD REQUESTED	CONDITION CODES
	DATE	TIME						
1 1333-Run1-F1	4-16	7:08	DW	G 1	8 oz.		X	1A
2 1333-Run2-F2		7:11					X	
3 1333-Run3-F3		7:14					X	
4 1333-Run4-F4		7:16					X	
5 1333-Run5-F5		7:19					X	
6 1333-Run6-F6		7:19					X	
7 1333-HFA		7:21					X	
8 1333-Run16-F16		7:22					X	
9 1333-Run11-F11		7:22					X	
10 1333-Run12-F12		7:25					X	
11 1333-Run13-F13		7:24					X	
12 1333-Run14-F14		7:27					X	12A

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) CONTAINER: 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) PRESERVATIVE: H₂SO₄, HCl, HNO₃, Methanol (MeOH), NaOH, Sodium Bisulfate (NaBS), NaThio

1. Relinquished By: Josh Leer Date: 4-16-16
 2. Relinquished By: [Signature] Date: 4-18-16
 3. Relinquished By: [Signature] Date: [Blank]
 4. Relinquished By: [Signature] Date: [Blank]

Received By: [Signature] Time: [Blank] Ice: Ice:

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

Electronic Version

Company Name
Hygieneering, Inc.

Company Address
7575 Plaza Court

City
Willowbrook

Phone
630-706-6684

Email Address
Vhoftmann@hygieneering.com

Project ID / Location
2016-26071 West Bank Elementary

Project Manager (Report to)
Valerie Hofmann

Sample Collector(s)
Josh Leer, Chris Gattel, Jeff Clark

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:
 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

Method 200.8 Lead

SAMPLE IDENTIFICATION Use One Line Per Preservation & Container Type	COLLECTION		MATRIX	GRAB/COMP.	QTY	CONTAINERS SIZE & TYPE	PRESERVATIVE	R	Condition	Split	LAB #
	DATE	TIME									

1	1333-RM-15-F-15	4-16-16	7:27A	DW	G	1	8 oz.				X
2	1333-RM-16-F-16		7:31A								X
3	1333-RM-17-F-17		7:32A								X
4	1333-RM-18-F-18		7:34A								X
5	1333-RM-19-F-19		7:36A								X
6	1333-RM-20-F-20		7:36A								X
7	1333-RM-50-F-50		7:38A								X
8	1333-4F-29-A		7:42A								X
9	1333-4F-29-B		7:42A								X
10	1333-RM-33-F-33		7:48A								X
11	1333-RM-35-F-35		7:49A								X
12	1333-RM-37-F-37		7:45A								X

COMMENTS & SPECIAL INSTRUCTIONS:
 PLEASE COMPLETE THE HIGHLIGHTED SECTIONS

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: [Signature] Date: 4-16-16

2. Relinquished By: [Signature] Date: 4-18-16

3. Relinquished By: [Signature] Date: [Blank]

4. Relinquished By: [Signature] Date: [Blank]

Received By: [Signature] Time: 8:04

Received By: [Signature] Time: [Blank]

Received By: [Signature] Time: [Blank]

Received By: [Signature] Time: [Blank]

Ice: Ice: Ice: Ice:

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.



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: **Hygieneering, INC.**
 Company Address: **7575 Plaza Court**
 City: **Willowbrook** State: **IL** Zip: **60527**
 Phone: **630-706-6684** Fax: Fax Report
 Email Address: **whoifmann@hygieneering.com**
 Project ID / Location: **2016-26071 Waterline Leaking**
 Project Manager (Report to): **Valerie Hofmann**
 Sample Collector(s): **Josh Leer, Chris Gairrel, Jeff Clark**

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
 Method 200.8 Lead

Page **3** of **3**
 PO No. **2016-2607**
 Shipping Method
 QC Reporting Level 1 2 3
 LAB USE ONLY
 Sample containers supplied by customer? Yes
 Temperature of Received Samples: **23** °C
 Samples received within 24 hours of collection? Yes
 R Condition Split LAB # **254**

SAMPLE IDENTIFICATION <small>Use One Line Per Preservation & Container Type</small>	COLLECTION		MATRIX	GRAB/COMP.	CONTAINERS QTY SIZE & TYPE	PRESERVATIVE	ANALYSIS & METHOD REQUESTED	CONDITION CODES
	DATE	TIME						
1 1333-Run 39-F39	4-16-16	7:47	DW	G	1 8 oz.	HNO3	X	
2 1333-Run 41-F41		7:48					X	
3 1333-Run 40-F40		7:48					X	
4 1333-Run 38-F38		7:51					X	
5 1333-Run 36-F36		7:52					X	
6 1333-Run 34-F34		7:53					X	
7 1333-Run 32-F32		7:54					X	
8 1333-Run 51-551		8:01					X	
9 1333-Run 52-552		8:02					X	
10 1333-Run 53-553		8:03					X	
11 1333-Run 54-554		8:04					X	
12							X	

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) CONTAINER: 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) PRESERVATIVE: H₂SO₄, HCl, HNO₃, Methanol (MeOH), NaOH, Sodium Bisulfate (NaBS), NaThio

1. Relinquished By <i>John Leer</i>	Date 4-16-16	2. Relinquished By	Date 4-16-16	3. Relinquished By	Date	4. Relinquished By	Date
Received By <input type="checkbox"/> Ice	Time	Received By <input type="checkbox"/> Ice	Time 8:04	Received By <input type="checkbox"/> Ice	Time	Received By <input type="checkbox"/> Ice	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.