



April 19, 2016

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

Work Order: 1604B54

TEL: (630) 654-2550

FAX:

RE: 2016-2607 Henking 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, appearing to read 'Pat Rodriguez', is written over a light blue horizontal line.

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





Case Narrative

Client: HYGIENEERING

Date: April 19, 2016

Project: 2016-2607 Henking Elementary

PO: 2016-2607

WorkOrder: 1604B54

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 Henking Elementary

Workorder: 1604B54

Client Sample ID: 2941 Rm 104 F104

Matrix: Drinking Water

Lab ID: 1604B54-001

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

Collection Date: 4/16/2016 9:49 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 10:08 PM	35653

Client Sample ID: 2941 Rm 103 F103

Matrix: Drinking Water

Lab ID: 1604B54-002

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

Collection Date: 4/16/2016 9:50 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	4/18/2016 10:11 PM	35653

Client Sample ID: 2941 Rm 102 F102

Matrix: Drinking Water

Lab ID: 1604B54-003

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

Collection Date: 4/16/2016 9:54 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 10:23 PM	35653

Client Sample ID: 2941 HFBR A

Matrix: Drinking Water

Lab ID: 1604B54-004

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

Collection Date: 4/16/2016 9:57 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 10:37 PM	35654

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 Henking Elementary

Workorder: 1604B54

Client Sample ID: 2941 HFBR B

Matrix: Drinking Water

Lab ID: 1604B54-005

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

Collection Date: 4/16/2016 9:57 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 10:40 PM	35654

Client Sample ID: 2941 Rm 129 F129

Matrix: Drinking Water

Lab ID: 1604B54-006

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

Collection Date: 4/16/2016 10:00 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	4/18/2016 10:43 PM	35654

Client Sample ID: 2941 Rm 128 F128

Matrix: Drinking Water

Lab ID: 1604B54-007

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

Collection Date: 4/16/2016 10:02 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 10:46 PM	35654

Client Sample ID: 2941 HF 23 A

Matrix: Drinking Water

Lab ID: 1604B54-008

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

Collection Date: 4/16/2016 10:05 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 PM	35654

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 Henking Elementary

Workorder: 1604B54

Client Sample ID: 2941 HF 23 B

Matrix: Drinking Water

Lab ID: 1604B54-009

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

Collection Date: 4/16/2016 10:05 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	5.11	15.0	5.00		µg/L	1	4/18/2016 11:00 PM	35654

Client Sample ID: 2941 Rm 8 F8

Matrix: Drinking Water

Lab ID: 1604B54-010

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

Collection Date: 4/16/2016 10:08 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 11:03 PM	35654

Client Sample ID: 2941 Rm 6 F6

Matrix: Drinking Water

Lab ID: 1604B54-011

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

Collection Date: 4/16/2016 10:10 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 11:06 PM	35654

Client Sample ID: 2941 Rm 4 F4

Matrix: Drinking Water

Lab ID: 1604B54-012

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

Collection Date: 4/16/2016 10:11 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 11:09 PM	35654

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 Henking Elementary

Workorder: 1604B54

Client Sample ID: 2941 Rm 2 F2

Matrix: Drinking Water

Lab ID: 1604B54-013

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

Collection Date: 4/16/2016 10:13 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 11:12 PM	35654

Client Sample ID: 2941 Rm 1 F1

Matrix: Drinking Water

Lab ID: 1604B54-014

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

Collection Date: 4/16/2016 10:14 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 11:15 PM	35654

Client Sample ID: 2941 Rm 3 F3

Matrix: Drinking Water

Lab ID: 1604B54-015

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

Collection Date: 4/16/2016 10:15 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 11:20 PM	35654

Client Sample ID: 2941 Rm 5 F5

Matrix: Drinking Water

Lab ID: 1604B54-016

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

Collection Date: 4/16/2016 10:16 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 11:32 PM	35654

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 Henking Elementary

Workorder: 1604B54

Client Sample ID: 2941 Rm 7 F7

Matrix: Drinking Water

Lab ID: 1604B54-017

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

Collection Date: 4/16/2016 10:18 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 11:35 PM	35654

Client Sample ID: 2941 Rm 10 F10

Matrix: Drinking Water

Lab ID: 1604B54-018

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

Collection Date: 4/16/2016 10:20 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 11:38 PM	35654

Client Sample ID: 2941 Rm 9 F9

Matrix: Drinking Water

Lab ID: 1604B54-019

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

Collection Date: 4/16/2016 10:21 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 11:41 PM	35654

Client Sample ID: 2941 Rm 12 F12

Matrix: Drinking Water

Lab ID: 1604B54-020

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

Collection Date: 4/16/2016 10:22 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 11:43 PM	35654

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 Henking Elementary

Workorder: 1604B54

Client Sample ID: 2941 Rm 11 F11

Matrix: Drinking Water

Lab ID: 1604B54-021

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

Collection Date: 4/16/2016 10:23 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 11:46 PM	35654

Client Sample ID: 2941 Rm 14 F14

Matrix: Drinking Water

Lab ID: 1604B54-022

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

Collection Date: 4/16/2016 10:25 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 11:49 PM	35654

Client Sample ID: 2941 Rm 13 F13

Matrix: Drinking Water

Lab ID: 1604B54-023

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

Collection Date: 4/16/2016 10:26 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 11:52 PM	35654

Client Sample ID: 2941 HF 21 A

Matrix: Drinking Water

Lab ID: 1604B54-024

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

Collection Date: 4/16/2016 10:28 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	4/19/2016 12:15 AM	35655

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 Henking Elementary

Workorder: 1604B54

Client Sample ID: 2941 Rm 16 F16

Matrix: Drinking Water

Lab ID: 1604B54-025

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

Collection Date: 4/16/2016 10:32 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	4/19/2016 12:18 AM	35655

Client Sample ID: 2941 Rm 18 F18

Matrix: Drinking Water

Lab ID: 1604B54-026

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

Collection Date: 4/16/2016 10:33 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	4/19/2016 12:21 AM	35655

Client Sample ID: 2941 Rm 20 F20

Matrix: Drinking Water

Lab ID: 1604B54-027

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

Collection Date: 4/16/2016 10:34 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	4/19/2016 12:24 AM	35655

Client Sample ID: 2941 Rm 19 F19

Matrix: Drinking Water

Lab ID: 1604B54-028

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

Collection Date: 4/16/2016 10:35 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	4/19/2016 12:27 AM	35655

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 Henking Elementary

Workorder: 1604B54

Client Sample ID: 2941 Rm 17 F17

Matrix: Drinking Water

Lab ID: 1604B54-029

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

Collection Date: 4/16/2016 10:36 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	4/19/2016 12:30 AM	35655

Client Sample ID: 2941 Rm 15 F15

Matrix: Drinking Water

Lab ID: 1604B54-030

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

Collection Date: 4/16/2016 10:37 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	4/19/2016 12:41 AM	35655

Client Sample ID: 2941 MRm 3 S3

Matrix: Drinking Water

Lab ID: 1604B54-031

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

Collection Date: 4/16/2016 10:42 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	4/19/2016 12:44 AM	35655

Client Sample ID: 2941 MRm 4 S4

Matrix: Drinking Water

Lab ID: 1604B54-032

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

Collection Date: 4/16/2016 10:42 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	4/19/2016 12:47 AM	35655

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 Henking Elementary

Workorder: 1604B54

Client Sample ID: 2941 MRm 1 S1

Matrix: Drinking Water

Lab ID: 1604B54-033

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

Collection Date: 4/16/2016 10:45 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	11.2	15.0	5.00		µg/L	1	4/19/2016 12:50 AM	35655

Client Sample ID: 2941 MRm 2 S2

Matrix: Drinking Water

Lab ID: 1604B54-034

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

Collection Date: 4/16/2016 10:45 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	6.75	15.0	5.00		µg/L	1	4/19/2016 12:56 AM	35655

Client Sample ID: 2941 MF 4 F4

Matrix: Drinking Water

Lab ID: 1604B54-035

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

Collection Date: 4/16/2016 10:42 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	4/19/2016 12:58 AM	35655

Client Sample ID: 2941 MF 2 F2

Matrix: Drinking Water

Lab ID: 1604B54-036

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

Collection Date: 4/16/2016 10:45 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	4/19/2016 1:01 AM	35655

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 Henking Elementary

Workorder: 1604B54

Client Sample ID: 2941 HF 21 13

Matrix: Drinking Water

Lab ID: 1604B54-037

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

Collection Date: 4/16/2016 10:28 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	4/19/2016 1:04 AM	35655

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 Henking Elementary

Workorder: 1604B54

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1604B54-001A	2941 Rm 104 F104	4/16/2016 9:49 AM	35653	Turbidity Check		4/18/2016 11:56 AM
1604B54-002A	2941 Rm 103 F103	4/16/2016 9:50 AM	35653	Turbidity Check		4/18/2016 11:56 AM
1604B54-003A	2941 Rm 102 F102	4/16/2016 9:54 AM	35653	Turbidity Check		4/18/2016 11:56 AM
1604B54-004A	2941 HFBR A	4/16/2016 9:57 AM	35654	Turbidity Check		4/18/2016 11:57 AM
1604B54-005A	2941 HFBR B	4/16/2016 9:57 AM	35654	Turbidity Check		4/18/2016 11:57 AM
1604B54-006A	2941 Rm 129 F129	4/16/2016 10:00 AM	35654	Turbidity Check		4/18/2016 11:57 AM
1604B54-007A	2941 Rm 128 F128	4/16/2016 10:02 AM	35654	Turbidity Check		4/18/2016 11:57 AM
1604B54-008A	2941 HF 23 A	4/16/2016 10:05 AM	35654	Turbidity Check		4/18/2016 11:57 AM
1604B54-009A	2941 HF 23 B	4/16/2016 10:05 AM	35654	Turbidity Check		4/18/2016 11:57 AM
1604B54-010A	2941 Rm 8 F8	4/16/2016 10:08 AM	35654	Turbidity Check		4/18/2016 11:57 AM
1604B54-011A	2941 Rm 6 F6	4/16/2016 10:10 AM	35654	Turbidity Check		4/18/2016 11:57 AM
1604B54-012A	2941 Rm 4 F4	4/16/2016 10:11 AM	35654	Turbidity Check		4/18/2016 11:57 AM
1604B54-013A	2941 Rm 2 F2	4/16/2016 10:13 AM	35654	Turbidity Check		4/18/2016 11:57 AM
1604B54-014A	2941 Rm 1 F1	4/16/2016 10:14 AM	35654	Turbidity Check		4/18/2016 11:57 AM
1604B54-015A	2941 Rm 3 F3	4/16/2016 10:15 AM	35654	Turbidity Check		4/18/2016 11:57 AM
1604B54-016A	2941 Rm 5 F5	4/16/2016 10:16 AM	35654	Turbidity Check		4/18/2016 11:57 AM
1604B54-017A	2941 Rm 7 F7	4/16/2016 10:18 AM	35654	Turbidity Check		4/18/2016 11:57 AM
1604B54-018A	2941 Rm 10 F10	4/16/2016 10:20 AM	35654	Turbidity Check		4/18/2016 11:57 AM
1604B54-019A	2941 Rm 9 F9	4/16/2016 10:21 AM	35654	Turbidity Check		4/18/2016 11:57 AM

Rpt Ver: 4/19/2016 10:58 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 Henking Elementary

Workorder: 1604B54

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1604B54-020A	2941 Rm 12 F12	4/16/2016 10:22 AM	35654	Turbidity Check		4/18/2016 11:57 AM
1604B54-021A	2941 Rm 11 F11	4/16/2016 10:23 AM	35654	Turbidity Check		4/18/2016 11:57 AM
1604B54-022A	2941 Rm 14 F14	4/16/2016 10:25 AM	35654	Turbidity Check		4/18/2016 11:57 AM
1604B54-023A	2941 Rm 13 F13	4/16/2016 10:26 AM	35654	Turbidity Check		4/18/2016 11:57 AM
1604B54-024A	2941 HF 21 A	4/16/2016 10:28 AM	35655	Turbidity Check		4/18/2016 11:59 AM
1604B54-025A	2941 Rm 16 F16	4/16/2016 10:32 AM	35655	Turbidity Check		4/18/2016 11:59 AM
1604B54-026A	2941 Rm 18 F18	4/16/2016 10:33 AM	35655	Turbidity Check		4/18/2016 11:59 AM
1604B54-027A	2941 Rm 20 F20	4/16/2016 10:34 AM	35655	Turbidity Check		4/18/2016 11:59 AM
1604B54-028A	2941 Rm 19 F19	4/16/2016 10:35 AM	35655	Turbidity Check		4/18/2016 11:59 AM
1604B54-029A	2941 Rm 17 F17	4/16/2016 10:36 AM	35655	Turbidity Check		4/18/2016 11:59 AM
1604B54-030A	2941 Rm 15 F15	4/16/2016 10:37 AM	35655	Turbidity Check		4/18/2016 11:59 AM
1604B54-031A	2941 MRm 3 S3	4/16/2016 10:42 AM	35655	Turbidity Check		4/18/2016 11:59 AM
1604B54-032A	2941 MRm 4 S4	4/16/2016 10:42 AM	35655	Turbidity Check		4/18/2016 11:59 AM
1604B54-033A	2941 MRm 1 S1	4/16/2016 10:45 AM	35655	Turbidity Check		4/18/2016 11:59 AM
1604B54-034A	2941 MRm 2 S2	4/16/2016 10:45 AM	35655	Turbidity Check		4/18/2016 11:59 AM
1604B54-035A	2941 MF 4 F4	4/16/2016 10:42 AM	35655	Turbidity Check		4/18/2016 11:59 AM
1604B54-036A	2941 MF 2 F2	4/16/2016 10:45 AM	35655	Turbidity Check		4/18/2016 11:59 AM
1604B54-037A	2941 HF 21 13	4/16/2016 10:28 AM	35655	Turbidity Check		4/18/2016 11:59 AM



Report Date: April 19, 2016

WorkOrder: 1604B54

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: 800.763.LABS
 www.suburbanlabs.com

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: vhoftmann@hygieneering.com

Project ID / Location: 2016-26071 *Hawkins Elementary*
 Project Manager (Report to): Valerie Hofmann

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

SAMPLE IDENTIFICATION
 Use One Line Per Preservation & Container Type

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

1	2	3	4	5	6	7	8	9	10	11	12	COLLECTION			MATRIX	GRAB/COMP.	CONTAINERS	PRESERVATIVE	Method 200.8 Lead
												DATE	TIME	DW					
1	2941 - Run 104 - F104	4-16-16	9:29																X
2	2941 - Run 103 - F103		9:30																X
3	2941 - Run 102 - F102		9:34																X
4	2941 - Run HEBR-A		9:57																X
5	2941 - HEBR-B		9:57																X
6	2941 - Run 104 - F104		10:02																X
7	2941 - Run 103 - F103		10:02																X
8	2941 - HEBR-A		10:05																X
9	2941 - HEBR-B		10:05																X
10	2941 - Run 8 - F8		10:08																X
11	2941 - Run L-R		10:10																X
12	2941 - Run 4-F4		10:11																X

COMMENTS & SPECIAL INSTRUCTIONS:
 PLEASE COMPLETE THE HIGHLIGHTED SECTIONS

CONDITION CODES:
 1. Imprecise/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: _____ Date: _____
 2. Relinquished By: _____ Date: _____
 3. Relinquished By: _____ Date: _____
 4. Relinquished By: _____ Date: _____

Received By: *Seth Lee* Date: 4-16-16
 Received By: *[Signature]* Date: 4-18-16
 Received By: _____ Date: _____
 Received By: _____ Date: _____

Ice: Ice Ice Ice Ice

Submission of samples subject to Terms and Conditions on back. Rev. 7/2008



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: **whoftmann@hygieneering.com**
 Project ID / Location: **2016-26071 Herik King School**
 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: 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 **2** of **4**
 PO No. **2016-2607**
 Shipping Method
 CC Reporting 1 2 3
 LAB USE ONLY
 Sample containers supplied by customer? Yes No
 Temperature of Received Samples **16** °C
 Samples received within 24 hours of collection? Yes No

SAMPLE IDENTIFICATION	COLLECTION		MATRIX	GRAB/COMP	QTY	CONTAINERS SIZE & TYPE	PRESERVATIVE	R	Condition	Skill	LAB #
	DATE	TIME									
1 2941 RM-2 F-2	4-16-16	10:13 AM	DW	G	1	8 oz.	HNO3				013A
2 2941 RM-1 F-1		10:14 AM									
3 2941 RM-3 F-3		10:15 AM									
4 2941 RM-5 F-5		10:16 AM									
5 2941 RM-7 F-7		10:18 AM									
6 2941 RM-10 F-10		10:20 AM									
7 2941 RM-9 F-9		10:21 AM									
8 2941 RM-12 F-12		10:22 AM									
9 2941 RM-11 F-11		10:23 AM									
10 2941 RM-14 F-14		10:25 AM									
11 2941 RM-13 F-13		10:26 AM									
12 2941 HF-21 A		10:28 AM									

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 (NaB), Natrio

1. Relinquished By: **John Lee** Date: **4-16-16**
 2. Relinquished By: **[Signature]** Date: **4-18-16**
 3. Relinquished By: _____ Date: _____
 4. Relinquished By: _____ Date: _____

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: Ice Time _____
 Received By: Ice Time _____
 Received By: Ice Time _____
 Received By: Ice Time _____

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

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
 vhoftmann@hygieneering.com

Project ID / Location
 2016-26071 *Hickory 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.

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

Page 3 of 4
 PO No. 2016-2607
 Shipping Method

Specify Regulatory Program:
 None/Info only
 LUST SRP SDWA
 503 Sludge NPDES MWRDGC
 Disposal Other
*Please specify in comment section below.

LAB USE ONLY
 Sample containers supplied by customer? Yes No
 Temperature of Received Samples *16* °C
 Samples received within 24 hours of collection? Yes No
 Condition *625A*

SAMPLE IDENTIFICATION	COLLECTION		MATRIX	GRAB/COMP.	CONTAINERS	PRESERVATIVE	ANALYSIS & METHOD REQUESTED
	DATE	TIME					

1	2941 - Run 16-514	4/16/16	10:32	DW	G	1	8 oz.	HNO3	X	Method 200.8 Lead
2	2941 - Run 18-498		10:33							
3	2941 - Run 20-526		10:34							
4	2941 - Run 19-479		10:35							
5	2941 - Run 17-477		10:36							
6	2941 - Run 15-475		10:37							
7	2941 - Run 03-533		10:39							
8	2941 - Run 04-541		10:42							
9	2941 - Run 01-511		10:45							
10	2941 - Run 02-522		10:45							
11	2941 - Run 04-541		10:42							
12	2941 - Run 02-522		10:45							

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), NaTris

1. Relinquished By *Joh Lee* Date *4/16/16* 2. Relinquished By *[Signature]* Date *4/16/16*

Received By *[Signature]* Time *8:04* 3. Relinquished By *[Signature]* Date *4/16/16*

Received By *[Signature]* Time *8:04* 4. Relinquished By *[Signature]* Date *4/16/16*

Submission of samples subject to Terms and Conditions on Back *[Signature]* Rev. 7/20/08 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

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

Electronic Version
 Page 4 of 4
 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 Report
 Email Address: vhoimann@hygieneering.com
 Project ID / Location: 2016-26071 *Hankas Elementary*
 Project Manager (Report to): Valerie Hofmann
 Sample Collector(s): Josh Leer, Chris Garrel, 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 X

LAB USE ONLY
 Sample containers supplied by customer? Yes No
 Temperature of Received Samples *16* °C
 Samples received within 24 hours of collection? Yes No
 R Condition Split LAB # *037A*

1	2	3	4	5	6	7	8	9	10	11	12	MATRIX	COLLECTION		MATRIX	GRAB/COMP.	QTY	CONTAINERS SIZE & TYPE	PRESERVATIVE	ANALYSIS & METHOD REQUESTED	CONDITION CODES			
													DATE	TIME										
1												DW	4-16-16	10-28	DW	G	1	8 oz.	HNO3	X	Method 200.8 Lead	037A		
2																								
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 (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 (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:
 PLEASE COMPLETE THE HIGHLIGHTED SECTIONS

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

Received By: *Josh Leer* Time: _____ Ice
 Received By: *[Signature]* Time: 8:04 Ice
 Received By: _____ Time: _____ Ice
 Received By: _____ Time: _____ 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.