



April 19, 2016

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

Work Order: 1604B59

TEL: (630) 654-2550

FAX:

RE: 2016-2607 Pleasant Ridge 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 Pleasant Ridge Elementary

PO: 2016-2607

WorkOrder: 1604B59

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 Pleasant Ridge Elementary

Workorder: 1604B59

Client Sample ID: 1730-HF101A

Matrix: Drinking Water

Lab ID: 1604B59-001

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

Collection Date: 4/16/2016 15:07 PM

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 1:16 AM	35655

Client Sample ID: 1730-HF101B

Matrix: Drinking Water

Lab ID: 1604B59-002

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

Collection Date: 4/16/2016 15:07 PM

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 1:19 AM	35655

Client Sample ID: 1730-Rm101 F101

Matrix: Drinking Water

Lab ID: 1604B59-003

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

Collection Date: 4/16/2016 15:09 PM

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 1:22 AM	35655

Client Sample ID: 1730-Rm103 F103

Matrix: Drinking Water

Lab ID: 1604B59-004

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

Collection Date: 4/16/2016 15:10 PM

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 1:24 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 Pleasant Ridge Elementary

Workorder: 1604B59

Client Sample ID: 1730-Rm105 F105

Matrix: Drinking Water

Lab ID: 1604B59-005

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

Collection Date: 4/16/2016 15:11 PM

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 1:27 AM	35655

Client Sample ID: 1730-Rm107 F107

Matrix: Drinking Water

Lab ID: 1604B59-006

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

Collection Date: 4/16/2016 15:12 PM

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 1:30 AM	35655

Client Sample ID: 1730-Rm109 F109

Matrix: Drinking Water

Lab ID: 1604B59-007

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

Collection Date: 4/16/2016 15:13 PM

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 1:53 AM	35656

Client Sample ID: 1730-Rm110 F110

Matrix: Drinking Water

Lab ID: 1604B59-008

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

Collection Date: 4/16/2016 15:14 PM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
-----------	--------	-----	--------------	------	-------	----	---------------	---------

METALS by ICPMS		Method: EPA-200.8-5.4, 1994			Analyst: jmk			
Lead	13.1	15.0	5.00		µg/L	1	4/19/2016 1:56 AM	35656

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 Pleasant Ridge Elementary

Workorder: 1604B59

Client Sample ID: 1730-Rm108 F108

Matrix: Drinking Water

Lab ID: 1604B59-009

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

Collection Date: 4/16/2016 15:16 PM

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 1:59 AM	35656

Client Sample ID: 1730-Rm106 F106

Matrix: Drinking Water

Lab ID: 1604B59-010

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

Collection Date: 4/16/2016 15:17 PM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
-----------	--------	-----	--------------	------	-------	----	---------------	---------

METALS by ICPMS		Method: EPA-200.8-5.4, 1994			Analyst: jmk			
Lead	61.7	15.0	5.00	*	µg/L	1	4/19/2016 2:02 AM	35656

Client Sample ID: 1730-Rm104 F104

Matrix: Drinking Water

Lab ID: 1604B59-011

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

Collection Date: 4/16/2016 15:18 PM

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 2:05 AM	35656

Client Sample ID: 1730-HF110A

Matrix: Drinking Water

Lab ID: 1604B59-012

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

Collection Date: 4/16/2016 15:23 PM

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 2:08 AM	35656

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 Pleasant Ridge Elementary

Workorder: 1604B59

Client Sample ID: 1730-HF110B

Matrix: Drinking Water

Lab ID: 1604B59-013

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

Collection Date: 4/16/2016 15:23 PM

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 2:11 AM	35656

Client Sample ID: 1730-HF110C

Matrix: Drinking Water

Lab ID: 1604B59-014

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

Collection Date: 4/16/2016 15:23 PM

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 2:13 AM	35656

Client Sample ID: 1730-Rm313 F313

Matrix: Drinking Water

Lab ID: 1604B59-015

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

Collection Date: 4/16/2016 15:26 PM

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 2:25 AM	35656

Client Sample ID: 1730-Rm311 F311

Matrix: Drinking Water

Lab ID: 1604B59-016

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

Collection Date: 4/16/2016 15:27 PM

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 2:28 AM	35656

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 Pleasant Ridge Elementary

Workorder: 1604B59

Client Sample ID: 1730-Rm309 F309

Matrix: Drinking Water

Lab ID: 1604B59-017

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

Collection Date: 4/16/2016 15:28 PM

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 2:34 AM	35656
------	----	------	------	--	------	---	-------------------	-------

Client Sample ID: 1730-Rm312 F312

Matrix: Drinking Water

Lab ID: 1604B59-018

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

Collection Date: 4/16/2016 15:29 PM

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 2:37 AM	35656
------	----	------	------	--	------	---	-------------------	-------

Client Sample ID: 1730-Rm314 F314

Matrix: Drinking Water

Lab ID: 1604B59-019

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

Collection Date: 4/16/2016 15:30 PM

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 2:39 AM	35656
------	----	------	------	--	------	---	-------------------	-------

Client Sample ID: 1730-Rm316 F316

Matrix: Drinking Water

Lab ID: 1604B59-020

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

Collection Date: 4/16/2016 15:31 PM

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 2:42 AM	35656
------	----	------	------	--	------	---	-------------------	-------

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 Pleasant Ridge Elementary

Workorder: 1604B59

Client Sample ID: 1730-Rm310 F310

Matrix: Drinking Water

Lab ID: 1604B59-021

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

Collection Date: 4/16/2016 15:32 PM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS		Method: EPA-200.8-5.4, 1994			Analyst: jmk			
Lead	8.55	15.0	5.00		µg/L	1	4/19/2016 2:45 AM	35656

Client Sample ID: 1730-Rm308 F308

Matrix: Drinking Water

Lab ID: 1604B59-022

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

Collection Date: 4/16/2016 15:33 PM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS		Method: EPA-200.8-5.4, 1994			Analyst: jmk			
Lead	5.40	15.0	5.00		µg/L	1	4/19/2016 2:48 AM	35656

Client Sample ID: 1730-Rm306 F306

Matrix: Drinking Water

Lab ID: 1604B59-023

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

Collection Date: 4/16/2016 15:34 PM

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 3:00 AM	35656

Client Sample ID: 1730-Rm307 F307

Matrix: Drinking Water

Lab ID: 1604B59-024

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

Collection Date: 4/16/2016 15:35 PM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS		Method: EPA-200.8-5.4, 1994			Analyst: jmk			
Lead	7.24	15.0	5.00		µg/L	1	4/19/2016 3:02 AM	35656

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 Pleasant Ridge Elementary

Workorder: 1604B59

Client Sample ID: 1730-Rm305 F305

Matrix: Drinking Water

Lab ID: 1604B59-025

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

Collection Date: 4/16/2016 15:36 PM

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 3:05 AM	35656

Client Sample ID: 1730-Rm303 F303

Matrix: Drinking Water

Lab ID: 1604B59-026

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

Collection Date: 4/16/2016 15:38 PM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS			Method: EPA-200.8-5.4, 1994			Analyst: jmk		
Lead	5.52	15.0	5.00		µg/L	1	4/19/2016 3:08 AM	35656

Client Sample ID: 1730-HF304A

Matrix: Drinking Water

Lab ID: 1604B59-027

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

Collection Date: 4/16/2016 15:40 PM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS			Method: EPA-200.8-5.4, 1994			Analyst: jmk		
Lead	16.3	15.0	5.00	*	µg/L	1	4/19/2016 3:23 AM	35657

Client Sample ID: 1730-HF304B

Matrix: Drinking Water

Lab ID: 1604B59-028

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

Collection Date: 4/16/2016 15:40 PM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS			Method: EPA-200.8-5.4, 1994			Analyst: jmk		
Lead	6.60	15.0	5.00		µg/L	1	4/19/2016 3:34 AM	35657

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 Pleasant Ridge Elementary

Workorder: 1604B59

Client Sample ID: 1730-Rm 302 F302

Matrix: Drinking Water

Lab ID: 1604B59-029

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

Collection Date: 4/16/2016 15:42 PM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS		Method: EPA-200.8-5.4, 1994			Analyst: jmk			
Lead	9.76	15.0	5.00		µg/L	1	4/19/2016 3:37 AM	35657

Client Sample ID: 1730-Rm 400 F400

Matrix: Drinking Water

Lab ID: 1604B59-030

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

Collection Date: 4/16/2016 15:45 PM

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 3:40 AM	35657

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 Pleasant Ridge Elementary

Workorder: 1604B59

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1604B59-001A	1730-HF101A	4/16/2016 3:07 PM	35655	Turbidity Check		4/18/2016 11:59 AM
1604B59-002A	1730-HF101B	4/16/2016 3:07 PM	35655	Turbidity Check		4/18/2016 11:59 AM
1604B59-003A	1730-Rm101 F101	4/16/2016 3:09 PM	35655	Turbidity Check		4/18/2016 11:59 AM
1604B59-004A	1730-Rm103 F103	4/16/2016 3:10 PM	35655	Turbidity Check		4/18/2016 11:59 AM
1604B59-005A	1730-Rm105 F105	4/16/2016 3:11 PM	35655	Turbidity Check		4/18/2016 11:59 AM
1604B59-006A	1730-Rm107 F107	4/16/2016 3:12 PM	35655	Turbidity Check		4/18/2016 11:59 AM
1604B59-007A	1730-Rm109 F109	4/16/2016 3:13 PM	35656	Turbidity Check		4/18/2016 12:00 PM
1604B59-008A	1730-Rm110 F110	4/16/2016 3:14 PM	35656	Turbidity Check		4/18/2016 12:00 PM
1604B59-009A	1730-Rm108 F108	4/16/2016 3:16 PM	35656	Turbidity Check		4/18/2016 12:00 PM
1604B59-010A	1730-Rm106 F106	4/16/2016 3:17 PM	35656	Turbidity Check		4/18/2016 12:00 PM
1604B59-011A	1730-Rm104 F104	4/16/2016 3:18 PM	35656	Turbidity Check		4/18/2016 12:00 PM
1604B59-012A	1730-HF110A	4/16/2016 3:23 PM	35656	Turbidity Check		4/18/2016 12:00 PM
1604B59-013A	1730-HF110B	4/16/2016 3:23 PM	35656	Turbidity Check		4/18/2016 12:00 PM
1604B59-014A	1730-HF110C	4/16/2016 3:23 PM	35656	Turbidity Check		4/18/2016 12:00 PM
1604B59-015A	1730-Rm313 F313	4/16/2016 3:26 PM	35656	Turbidity Check		4/18/2016 12:00 PM
1604B59-016A	1730-Rm311 F311	4/16/2016 3:27 PM	35656	Turbidity Check		4/18/2016 12:00 PM
1604B59-017A	1730-Rm309 F309	4/16/2016 3:28 PM	35656	Turbidity Check		4/18/2016 12:00 PM
1604B59-018A	1730-Rm312 F312	4/16/2016 3:29 PM	35656	Turbidity Check		4/18/2016 12:00 PM
1604B59-019A	1730-Rm314 F314	4/16/2016 3:30 PM	35656	Turbidity Check		4/18/2016 12:00 PM

Rpt Ver: 4/19/2016 10:59 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 Pleasant Ridge Elementary

Workorder: 1604B59

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1604B59-020A	1730-Rm316 F316	4/16/2016 3:31 PM	35656	Turbidity Check		4/18/2016 12:00 PM
1604B59-021A	1730-Rm310 F310	4/16/2016 3:32 PM	35656	Turbidity Check		4/18/2016 12:00 PM
1604B59-022A	1730-Rm308 F308	4/16/2016 3:33 PM	35656	Turbidity Check		4/18/2016 12:00 PM
1604B59-023A	1730-Rm306 F306	4/16/2016 3:34 PM	35656	Turbidity Check		4/18/2016 12:00 PM
1604B59-024A	1730-Rm307 F307	4/16/2016 3:35 PM	35656	Turbidity Check		4/18/2016 12:00 PM
1604B59-025A	1730-Rm305 F305	4/16/2016 3:36 PM	35656	Turbidity Check		4/18/2016 12:00 PM
1604B59-026A	1730-Rm303 F303	4/16/2016 3:38 PM	35656	Turbidity Check		4/18/2016 12:00 PM
1604B59-027A	1730-HF304A	4/16/2016 3:40 PM	35657	Turbidity Check		4/18/2016 12:02 PM
1604B59-028A	1730-HF304B	4/16/2016 3:40 PM	35657	Turbidity Check		4/18/2016 12:02 PM
1604B59-029A	1730-Rm 302 F302	4/16/2016 3:42 PM	35657	Turbidity Check		4/18/2016 12:02 PM
1604B59-030A	1730-Rm 400 F400	4/16/2016 3:45 PM	35657	Turbidity Check		4/18/2016 12:02 PM



Report Date: April 19, 2016

WorkOrder: 1604B59

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: 708.544.8687

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

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

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

TURNAROUND TIME REQUESTED
 Normal RUSH*
 *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

Shipping Method: _____
 QC Reporting: 1 2 3
 LAB USE ONLY
 Sample containers supplied by customer? Yes No
 Temperature of Received Samples: **23** °C
 Samples received within 24 hours of collection? Yes No

SAMPLE IDENTIFICATION	COLLECTION		MATRIX	GRAB/COMP.	CONTAINERS SIZE & TYPE	PRESERVATIVE	ANALYSIS & METHOD REQUESTED	Condition	Split	LAB #
	DATE	TIME								
1 1730-HE101A	4-16-14	5:07	DW	G	1 8 oz.	HNO3	X			14
2 1730-HE101B		5:07					X			
3 1730-Rm101-F101		3:09					X			
4 1730-Rm103-F103		3:10					X			
5 1730-Rm105-F105		3:11					X			
6 1730-Rm107-F107		3:12					X			
7 1730-Rm109-F109		3:15					X			
8 1730-Rm110-F110		3:14					X			
9 1730-Rm108-F108		3:16					X			
10 1730-Rm106-F106		3:17					X			
11 1730-Rm104-F104		3:18					X			
12 1730-HE101A		5:23					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 (NSB), NaThio

1. Relinquished By: **John Lee** Date: **4-16-14**
 2. Relinquished By: _____ Date: **4-16-16**
 3. Relinquished By: _____ Date: _____
 4. Relinquished By: _____ Date: _____

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

Ice Ice Ice Ice

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

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 Report:

TURNAROUND TIME REQUESTED
 Normal RUSH*
 *Additional Rush Charges Apply

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

Page **2** of **3**
 PO No. **2016-2607**
 Shipping Method

City: **Willowbrook** State: **IL** Zip: **60527**
 Phone: **630-706-6684** Fax Report:

*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.

LAB USE ONLY
 Sample containers supplied by customer? Yes No
 Temperature of Received Samples: **23** °C
 Samples received within 24 hours of collection? Yes No

QC Reporting 1 2 3
 Level

Email Address: **Yhofmann@hygieneering.com**
 Project ID / Location: **2016-26071 Pleasant Ridge Elementary**
 Project Manager (Report to): **Valerie Hofmann**
 Sample Collector(s): **Josh Leer, Chris Gatrell, Jeff Clark**

Method 200.8 Lead

Condition: **13A** Split: **13A** LAB #

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

SAMPLE IDENTIFICATION	COLLECTION		MATRIX	GRAB/COMP.	CONTAINERS	PRESERVATIVE	ANALYSIS & METHOD REQUESTED	CONDITION CODES
	DATE	TIME						
1 1730 HF 116B	4-16-16	3:23P	DW	G	1 8 oz.	HNO3	X	
2 1730 HF 110C		3:23P					X	
3 1730 RM 313 F 313		3:26P					X	
4 1730 RM 311 F 311		3:27P					X	
5 1730 RM 309 F 309		3:25P					X	
6 1730 RM 312 F 312		3:29P					X	
7 1730 RM 314 F 314		3:30P					X	
8 1730 RM 316 F 316		3:31P					X	
9 1730 RM 310 F 310		3:32P					X	
10 1730 RM 308 F 308		3:33P					X	
11 1730 RM 306 F 306		3:34P					X	
12 1730 RM 307 F 307		3:35P					X	

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

COMMENTS & SPECIAL INSTRUCTIONS:
 PLEASE COMPLETE THE HIGHLIGHTED SECTIONS

1. Reinquished By: **Josh Leer** Date: **4/16/16**
 2. Reinquished By: **[Signature]** Date: **4-18-16**
 3. Reinquished By: **[Signature]** Date: **8-04**
 4. Reinquished By: **[Signature]** Date: **[Blank]**

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

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.
 1990 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: **h Hofmann@hygieneering.com**
 Project ID / Location: **2016-26071 Pleasant Ridge 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

Page **3** of **3**
 PC No. **2016-2607**
 Shipping Method
 QC Reporting 1 2 3
 Level
LAB USE ONLY
 Bill Order # **16041859**
 Sample containers supplied by customer? Yes
 Temperature of Received Samples **23** °C
 Samples received within 24 hours of collection? Yes

SAMPLE IDENTIFICATION	COLLECTION		MATRIX	GRAB/COMP.	CONTAINERS	PRESERVATIVE	R	Condition	SHIP	LAB #
	DATE	TIME								
1 1730- Pm 301- F305	4-16-16	3:36	DW	G	1 8 oz.	HNO3				254
2 1730- Pm 303- F303		3:38								
3 1730- HF 304H		3:40								
4 1730- HF 304B		3:40								
5 1730- Pm 302- F302		3:42								
6 1730- Pm 400- F400		3:45								304
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 (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 (NaBS), NaTHio

1. Relinquished By: **Josh Leer** Date: **4-16-16** 2. Relinquished By: _____ Date: **4-18-16**
 Received By: _____ Time: _____ Received By: _____ Time: **8:04**
 Ice Ice Ice
 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.