Elaine Geallis <egeallis@glenbrook225.org>

Re: FOIA request - Chicago Tribune

1 message

Rosanne Marie Williamson <rwilliamson@glenbrook225.org> Tue, May 17, 2016 at 2:53 PM
To: "Richards, Jennifer" <jrichards@chicagotribune.com>
Bcc: egeallis@glenbrook225.org

Dear Ms. Richards,

Thank you for writing to Glenbrook High School District 225 with your request for information pursuant to the Illinois Freedom of Information Act, 5 ILCS 140/1 et seq.

On 5/13//2016 we received your request for the following information:

- Records of all requests to test for lead in water in district-owned or leased facilities.
- Records of the results of all tests for lead in water in district-owned or leased facilities.
- Records of all contracts related to water-quality testing and records of payments to those vendors performing such testing in district buildings.

District response: Please see attached.

Sincerely,

Rosanne Williamson, Ed.D.
Secretary, Board of Education
Assistant Superintendent for Educational Services
Glenbrook High School District 225
3801 West Lake Avenue
Glenview, IL 60026

On Fri, May 13, 2016 at 5:04 PM, Richards, Jennifer <jrichards@chicagotribune.com> wrote:

> Chicago Tribune
>
> May 13, 2016
>
> Dr. Rosanne Williamson
>
> Northfield Twp HSD 225
>
> 3801 W Lake Ave

Glenview 60026 1292

Dr. Rosanne Williamson:

In accordance with the Illinois Freedom of Information Act (5 ILCS 140), I hereby request your office provide access to the following public records from Northfield Twp HSD 225 relating to water quality testing and associated environmental testing contracts dating back to July 1, 2012:

- Records of all requests to test for lead in water in district-owned or leased facilities.
- Records of the results of all tests for lead in water in district-owned or leased facilities.
- Records of all contracts related to water-quality testing and records of payments to those vendors performing such testing in district buildings.

If these public records are maintained electronically, please provide them in that format. If this is data tracked in a spreadsheet or database, please provide it in its native database format. In addition, please provide the records as they become available.

In the unlikely event that you claim any portion of the above public records to be exempt from disclosure under 5 ILCS 140, in writing please (i) identify which portion or portions you claim are exempt and the statutory provision or provisions you contend apply; (ii) set forth the reasons for your conclusion that such portion or portions are exempt; and (iii) release the remainder of such records for inspection and copying, redacting only the portion or portions you claim are exempt.

Please feel free to call or email me to discuss this request.

Sincerely,

Jennifer Smith Richards

312-222-5430

jrichards@chicagotribune.com

--
Rosanne Williamson Ed.D.
Assistant Superintendent for Educational Services

Glenbrook H.S. District 225
3801 West Lake Ave.
Glenview, IL 60026
847-486-4701

6 attachments

GBO.pdf
330K

GBS 2014.pdf
972K

GBS.pdf
545K

invoices.pdf
182K

GBA.pdf
351K

GBN.pdf
637K

1429 Centre Circle Drive
Downers Grove, IL 60515
Phone: (630) 691-8271
Fax: (630) 691-1819
E-Mail: uasinc@uas1.com

UNITED ANALYTICAL SERVICES, INC.

April 28, 2016

Board of Education
Northfield Township High School District #225
3801 West Lake Avenue
Glenview, Illinois 60026

UAS Project #1699194-01

Attn: Ms. Kim Ptak, Director of Facilities
Re: Professional Industrial Hygiene Services - Drinking Water Sampling & Analyses (Lead & Copper)
Northfield Township High School District #225
S.D. #225 Off Campus Building
1835 Landwehr Road, Glenview, Illinois 60025
April 15, 2016

Dear Ms. Ptak:

United Analytical Services, Inc. (UAS) prepared this executive summary of findings for drinking water sampling performed for Northfield Township High School District #225 at **The Northfield Township High School District #225 Off Campus Building** on April 15, 2016. The current testing involved sampling/monitoring for Lead (Pb) and Copper (Cu), first draw samples, at seven (7) representative locations throughout the school facility. All sampling was performed under the direct supervision of a Certified Industrial Hygienist (CIH).

The test results were compared to US Environmental Protection Agency (EPA) Primary Standard for Lead (PB) and Secondary Standard for Copper (Cu). The Maximum Contaminant Level (MCL) target levels for Pb and Cu are <15 ug/L and <1,300 ug/L, respectively. **Review of the test results indicate that all seven (7) of the representative water samples collected were determined to be below the MCL target levels.** For example, the reported concentrations for the current sampling noted that the seven (7) Pb levels ranged from None Detected (<5.0 ug Lead/L) to 8.17 ug/L and the reported concentrations for Cu ranged from None Detected (<100 ug Copper/L) to 727 ug/L. **These results are a strong indicator that Pb and Cu in the drinking water at The Northfield Township High School District #225 Off Campus Building were at the lower end of the recommended Primary and Secondary MCL target levels.**

Thank you for the continued opportunity to be of service to Northfield Township High School District #225. If you have any questions regarding this information, please do not hesitate to contact our office.

Sincerely,
UNITED ANALYTICAL SERVICES, INC.

Thad Daniels
Director of Field Services

cc: Kevin E. Aikman, Ph.D., CIH, FAIHA
S:\TD\IHReports\SD225.Off Campus Building\Water Testing.Report.1699194-01

SUBURBAN LABORATORIES, Inc.

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

April 20, 2016

Thad Daniels
United Analytical Services
1429 Centre Circle Drive
Downers Grove, IL 60515

Work Order: 1604A98

TEL: (630) 691-8271
FAX: (630) 691-1819
RE: SD #225 Off Campus Bldg

Dear Thad Daniels:

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

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

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

Sincerely,

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

SUBURBAN LABORATORIES, Inc.

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

Case Narrative

Client: UNITED_ANALY_DW
Project: SD #225 Off Campus Bldg

Date: April 20, 2016
PO: 1699194-01
QC Level: LEVEL I
Chain of Custody: EV

WorkOrder: 1604A98
Temperature of samples upon receipt at lab: 4 C

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:
1604A98-001A - 007A was preserved in the lab.

Rpt Ver: 4/20/2016 3:36 PM

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

Laboratory Results

Client: United Analytical Services
Project: SD #225 Off Campus Bldg
Report Date: April 20, 2016
Workorder: 1604A98

Client Sample ID: #OC-01 Hallway DWF **Matrix:** Drinking Water
Lab ID: 1604A98-001 **Date Received:** 4/15/2016 10:25 AM **Collection Date:** 4/15/2016 6:35 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	190	1,300	100		µg/L	1	4/19/2016 5:04 AM	35658
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 5:04 AM	35658

Client Sample ID: #OC-02 Staff Lounge Sink **Matrix:** Drinking Water
Lab ID: 1604A98-002 **Date Received:** 4/15/2016 10:25 AM **Collection Date:** 4/15/2016 6:40 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	158	1,300	100		µg/L	1	4/19/2016 5:07 AM	35658
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 5:07 AM	35658

Client Sample ID: #OC-03 Foods Lab Sink **Matrix:** Drinking Water
Lab ID: 1604A98-003 **Date Received:** 4/15/2016 10:25 AM **Collection Date:** 4/15/2016 6:45 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	369	1,300	100		µg/L	1	4/19/2016 5:18 AM	35658
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 5:18 AM	35658

Client Sample ID: #OC-04 Science Lab Sink **Matrix:** Drinking Water
Lab ID: 1604A98-004 **Date Received:** 4/15/2016 10:25 AM **Collection Date:** 4/15/2016 6:50 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	366	1,300	100		µg/L	1	4/19/2016 5:21 AM	35658

Rpt Ver: 4/20/2016 3:36 PM

SUBURBAN LABORATORIES, Inc.

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

Laboratory Results

Client: United Analytical Services
Report Date: April 20, 2016
Project: SD #225 Off Campus Bldg
Workorder: 1604A98

Client Sample ID: #OC-04 Science Lab Sink **Matrix:** Drinking Water

Lab ID: 1604A98-004 **Date Received:** 4/15/2016 10:25 AM **Collection Date:** 4/15/2016 6:50 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	4/19/2016 5:21 AM	35658

Client Sample ID: #OC-05 Women's Bathroom Sink **Matrix:** Drinking Water

Lab ID: 1604A98-005 **Date Received:** 4/15/2016 10:25 AM **Collection Date:** 4/15/2016 6:55 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	4/19/2016 5:24 AM	35658
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 5:24 AM	35658

Client Sample ID: #OC-06 Mech Room HWT **Matrix:** Drinking Water

Lab ID: 1604A98-006 **Date Received:** 4/15/2016 10:25 AM **Collection Date:** 4/15/2016 7:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	727	1,300	100		µg/L	1	4/19/2016 5:27 AM	35658
Lead	8.17	15.0	5.00		µg/L	1	4/19/2016 5:27 AM	35658

Client Sample ID: #OC-07 2nd Floor Work Room Sink **Matrix:** Drinking Water

Lab ID: 1604A98-007 **Date Received:** 4/15/2016 10:25 AM **Collection Date:** 4/15/2016 7:05 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	4/19/2016 5:30 AM	35658
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 5:30 AM	35658

Rpt Ver: 4/20/2016 3:36 PM

SUBURBAN LABORATORIES, Inc.

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

Prep Dates

Client: United Analytical Services

Report Date: April 20, 2016
Original

Project: SD #225 Off Campus Bldg

Workorder: 1604A98

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1604A98-001A	#OC-01 Hallway DWF	4/15/2016 6:35 AM				
			35658	Turbidity Check		4/18/2016 12:03 PM
1604A98-002A	#OC-02 Staff Lounge Sink	4/15/2016 6:40 AM				
			35658	Turbidity Check		4/18/2016 12:03 PM
1604A98-003A	#OC-03 Foods Lab Sink	4/15/2016 6:45 AM				
			35658	Turbidity Check		4/18/2016 12:03 PM
1604A98-004A	#OC-04 Science Lab Sink	4/15/2016 6:50 AM				
			35658	Turbidity Check		4/18/2016 12:03 PM
1604A98-005A	#OC-05 Women's Bathroom Sink	4/15/2016 6:55 AM				
			35658	Turbidity Check		4/18/2016 12:03 PM
1604A98-006A	#OC-06 Mech Room HWT	4/15/2016 7:00 AM				
			35658	Turbidity Check		4/18/2016 12:03 PM
1604A98-007A	#OC-07 2nd Floor Work Room Sink	4/15/2016 7:05 AM				
			35658	Turbidity Check		4/18/2016 12:03 PM

Rpt Ver: 4/20/2016 3:36 PM

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

Qualifier Definitions

Report Date: April 20, 2016

WorkOrder: 1604A98

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 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

Electronic Version

Company Name: United Analytical Services, Inc.
Company Address: 1429 Centre Circle Drive
City: Downers Grove State: IL Zip: 60515
Phone: 630-816-9439 Fax: ☐ Fax Report
Email Address: tdaniels@uas1.com
Project ID / Location: SD #225 Off Campus Bldg
Project Manager (Report to): Thad Daniels
Sample Collector(s): Thad Daniels

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: (Required) ☑ None/Info only

☐ LUST ☐ SRP ☐ SDWA

☐ 503 Sludge ☐ NPDES ☐ MWRDGC

☐ Disposal ☐ Other *Please specify in comment section below.

ANALYSIS & METHOD REQUESTED

Enter an "X" in box below for request

Page 1 of 1

PO No.: 1699194-01

Shipping Method: Hand

QC Reporting Level ☐ ☐ ☐

LAB USE ONLY

SLI Order No.: 16041498

Sample containers supplied by customer? ☐ Y

Temperature of Received Samples: 4 °C

Samples received within 24 hours of collection? ☐ Ye

	SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Lead	Copper	R	Condition	Split	LAB #
1	#OC-01 Hallway DWF	4/15/16	6:35 AM	DW	GRAB	2	.5L P	None	X	X				1A
2	#OC-02 Staff Lounge Sink	4/15/16	6:40 AM	DW	GRAB	2	.5L P	None	X	X				2
3	#OC-03 Foods Lab Sink	4/15/16	6:45 AM	DW	GRAB	2	.5L P	None	X	X				3
4	#OC-04 Science Lab Sink	4/15/16	6:50 AM	DW	GRAB	2	.5L P	None	X	X				4
5	#OC-05 Women's Bathroom Sink	4/15/16	6:55 AM	DW	GRAB	2	.5L P	None	X	X				5
6	#OC-06 Mech Room HWT	4/15/16	7:00 AM	DW	GRAB	2	.5L P	None	X	X				6
7	#OC-07 2nd Floor Work Room Sink	4/15/16	7:05 AM	DW	GRAB	2	.5L P	None	X	X				7A
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: H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate(NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

Please provide copy of COC with Final Report.

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	Date	2. Relinquished By	Date	3. Relinquished By	Date	4. Relinquished By	Date
	4/15/16						
Received By ☐	Time / Ice 1025	Received By ☐	Time / Ice	Received By ☐	Time / Ice	Received By ☐	Time / 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

Page 8 of 8

UNITED ANALYTICAL SERVICES, INC.

1429 Centre Circle Drive
Downers Grove, IL 60515
PHONE: (630) 691-8271
FAX: (630) 691-1819
E-Mail: uasinc@uas1.com

INVOICE

INVOICE No:	14410-01F
DATE:	October 30, 2014
PROJECT No:	1499410-01

Board of Education
Northfield Township High School District #225
3801 West Lake Avenue
Glenview, Illinois 60026

Attn: Mr. Chet Bachula, Glenbrook South High School Plant Operator
RE: Professional Industrial Hygiene Services
Potable Water Sampling and Analysis
Northfield Township High School District #225 -
Glenbrook South High School, 4000 W. Lake Avenue, Glenview, Illinois 60025

Final Invoice for Professional Industrial Hygiene & Analytical Services for the above referenced project. The services were provided on September 24, 2014 with email results and summary previously reported on October 1, 2014. This invoice includes services rendered, assessment, testing, documentation, laboratory analyses, equipment and final reporting. All fees are based on our 2014 professional services agreement with Northfield Township High School District #225 and your authorization to proceed..

UAS, Inc. PROFESSIONAL IAQ AND LABORATORY SERVICES
Professional Industrial Hygiene Services - Potable Water Sampling and Analysis - Northfield Township High School District #225 - Glenbrook South High School, 4000 W. Lake Avenue, Glenview, Illinois 60025. September 24, 2014.

5.0	Hours IH site visits, documentation, assessment and sample collection @ $90.00/hour	$	450.00
2.0	Hours Senior IH consulting and report compilation @ $125.00/hour	$	250.00
0.5	Hours IH data and report review @ $175.00/hour	$	87.50
12.0	Water Sample Analyses Panel (Chlorine, Cominform, pH, T.S. & Turbidity) @ $85.00 each	$	1,020.00
TOTAL AMOUNT DUE THIS INVOICE		**$**	**1,807.50**

Thank you for letting us be of service to Northfield Township High School District #225.

PAYMENT DUE WITHIN 30 DAYS
BEYOND 30 DAYS INTEREST WILL BE CHARGED AT 1.5% PER MONTH

UAS now accepts MasterCard and Visa

UNITED ANALYTICAL SERVICES, INC.

1429 Centre Circle Drive
Downers Grove, IL 60515
PHONE: (630) 691-8271
FAX: (630) 691-1819
E-Mail: uasinc@uas1.com

October 30, 2014

Board of Education
Northfield Township High School District #225
3801 West Lake Avenue
Glenview, Illinois 60026

UAS PROJECT No: 1399410-01

Attn: Mr. Chet Bachula, Glenbrook South High School Plant Operator
RE: Professional Industrial Hygiene Services
Potable Water Sampling and Analysis
Northfield Township High School District #225 -
Glenbrook South High School, 4000 W. Lake Avenue, Glenview, Illinois 60025

Mr. Bachula:

As previously reported, please see the attached laboratory results for the current background water sampling performed at your request by UAS at Glenbrook South High School on September 24, 2014.

Water Sampling. A total of twelve (12) representative potable water samples were collected from various locations throughout the school facility. The water samples were analyzed for general water quality parameters including Total Chlorine, pH, Total Dissolved Solids (TDS), Turbidity and to assess potential bacterial contamination (Total & E. coli bacteria). In accordance with the EPA Primary and Secondary Drinking Water Standards, Total Chlorine should be between 0.5-4.0 ppm, pH should range between 6.5 and 8.5 pH units, TDS should not exceed 500 ppm and Turbidity should be below 1 NTU. In general, pH levels above 8.5 and TDS levels above 500 ppm are an indicator of hard water and is not considered a health hazard. The EPA Secondary drinking water standards are based on taste, odor, color, corrosivity, foaming and staining properties of water. Chlorine is added to drinking water as a disinfectant. Low chlorine levels can result in growth of bacteria, such as Coliform bacteria, and high chlorine concentrations can result in the formation of potentially toxic trihalomethanes (THM). Coliform bacteria should not be present in potable water.

Review of the sampling results (see attached Table I and lab data) show that the Total Residual Chlorine concentrations throughout the facility were very low, although no Coliform Bacteria (Total Coliforms or E. Coli) were detected from any of the water sources examined. While these results suggest adequate chlorination/disinfection within the potable water system, a review of these water source locations by the District's engineering staff may be prudent. The laboratory analyses for pH, TDS and Turbidity were all within acceptable potable water regulatory and guidance levels.

Based on these limited test results, it appears that the overall water quality in the building is safe for human consumption and in compliance with the EPA Drinking Water Standards.

If you have any questions regarding these data, please do not hesitate to contact our office. Thank you for the continued opportunity to be of service to School District #225.

Sincerely,
United Analytical Services, Inc.

Thad Daniels
Director of Field Services

attachments: Table I - Water Sample Result Summary
Laboratory Data Report

td/14.SD225.GBSHS.1499410-01

Table 1. Summary of drinking water sampling results taken at the Northfield Township HS District #207 - Glenbrook South High School facility located at 4100 West Lake Avenue, Glenview, Illinois during baseline environmental testing on September 24, 2014.

SAMPLE LOCATION	Total Residual Chlorine (ppm)	pH	TDS (ppm)	Turbidity (NTU)	Coliform Bacteria** (CFU/100 ml)
GBS -1A/1B Science Office Sink	0.0300	7.95	320	0.111	ND
GBS-2A/2B Science Office Cooler	ND	7.98	130	ND	ND
GBS 3A/3B Water Fountain by Science Restroom Women	ND	7.99	154	0.210	ND
GBS 4A/3B Water Fountain by Science Restroom Men	ND	8.06	416	ND	ND
GBS 5A/5B Water Fountain by Room 342	ND	7.95	278	0.130	ND
GBS 6A/6B Water Fountain by Room 344	ND	7.95	322	0.120	ND
GBS7A/7B Math Office Sink	0.740	7.93	300	ND	ND
GBS 8A/8B Math Office Cooler	0.0200	7.91	320	ND	ND
GBS 9A/9B Water Fountain by Room 444	0.170	7.91	316	ND	ND
GBS 10A/10B Water Fountain by Room 444	0.320	7.96	324	ND	ND
GBS 11A/11B Water Fountain by Room 455	0.0300	7.91	374	ND	ND
GBS 12A/12B Water Fountain by Room 457	0.0300	7.95	320	ND	ND
Target Level*	0.5 - 4.0	6.5-8.5	<500	<1 - 5	None
Reporting Limit	0.0200	0	10.0	0.100	0

Notes: * = Based on the Federal Safe Drinking Water Act Primary & Secondary Standards.
** = Total Coliform and *E. coli* Bacteria
TDS = Total Dissolved Solids
NTU = Nephelometric Turbidity Units
ND = None Detected

SUBURBAN LABORATORIES, Inc.

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

October 01, 2014

Kevin Aikman
United Analytical Services
1429 Centre Circle Drive
Downers Grove, IL 60515

Workorder: 1409D71

TEL: (630) 691-8271
FAX: (630) 691-1819
RE: GBHS-GLENVIEW, IL

Dear Kevin Aikman:

Suburban Laboratories, Inc. received 24 sample(s) on 9/25/2014 for the analyses presented in the following report.

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

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

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

Sincerely,

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

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

Case Narrative

Client: United Analytical Services
Project: GBHS-GLENVIEW, IL
WorkOrder: 1409D71
Temperature of samples upon receipt at SLI: 3 C

Date: October 01, 2014
PO #: 1499410-01
QC Level: LEVEL I
Chain of Custody #: 74421, 74023

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:

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Laboratory Results

Client ID: United Analytical Services
Project Name: GBHS-GLENVIEW, IL

Report Date: October 01, 2014
Workorder: 1409D71

Client Sample ID: GBS-1A SCIENCE OFFICE SINK
Lab ID: 1409D71-001 **Date Received:** 09/25/2014 7:50 AM

Matrix: DRINKING WATER
Collection Date: 09/24/2014 3:00 PM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
CHLORINE, TOTAL RESIDUAL (IN LABORATORY)			Method: EPA-SM4500 CL-G-Rev 18th ED, 1992				Analyst: mkl	
Residual Chlorine	0.210		0.0200		mg/L	1	09/25/2014 3:00 PM	R51858
PH (IN LABORATORY) <ATC>			Method: SM-4500H-B-Rev 18Ed, 1992				Analyst: drc	
pH	8.01		1.00		pH units	1	09/25/2014 4:26 PM	R51875
TOTAL DISSOLVED SOLIDS			Method: SM-2540C-Rev 18Ed, 1992				Analyst: erw	
Residue, Filterable	130		10.0		mg/L	1	09/29/2014 2:40 PM	R51942
TURBIDITY			Method: EPA-180.1-Rev 2.0, Aug-93				Analyst: jmk	
Turbidity	0.110		0.100	J	NTU	1	09/25/2014 2:32 PM	R51852

Client Sample ID: GBS-1B SCIENCE OFFICE SINK
Lab ID: 1409D71-002 **Date Received:** 09/25/2014 7:50 AM

Matrix: DRINKING WATER
Collection Date: 09/24/2014 3:00 PM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
COLIFORM, PRESENCE-ABSENCE			Method: SM-9223B-PA-Rev 18Ed, 1992				Analyst: maz	
Total Coliform	0		0		CFU/100ml	1	09/25/2014 2:30 PM	24557
E. Coli	0		0		CFU/100ml	1	09/25/2014 2:30 PM	24557

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Laboratory Results

Client ID: United Analytical Services
Project Name: GBHS-GLENVIEW, IL

Report Date: October 01, 2014
Workorder: 1409D71

Client Sample ID: GBS-2A SCIENCE OFFICE COOLER
Lab ID: 1409D71-003 **Date Received:** 09/25/2014 7:50 AM

Matrix: DRINKING WATER
Collection Date: 09/24/2014 3:00 PM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
CHLORINE, TOTAL RESIDUAL (IN LABORATORY)			Method: EPA-SM4500 CL-G-Rev 18th ED, 1992				Analyst: mkl	
Residual Chlorine	ND		0.0200		mg/L	1	09/25/2014 3:00 PM	R51858
PH (IN LABORATORY) <ATC>			Method: SM-4500H-B-Rev 18Ed, 1992				Analyst: drc	
pH	7.98		1.00		pH units	1	09/25/2014 4:28 PM	R51875
TOTAL DISSOLVED SOLIDS			Method: SM-2540C-Rev 18Ed, 1992				Analyst: erw	
Residue, Filterable	130		10.0		mg/L	1	09/29/2014 2:40 PM	R51942
TURBIDITY			Method: EPA-180.1-Rev 2.0, Aug-93				Analyst: jmk	
Turbidity	ND		0.100		NTU	1	09/25/2014 2:32 PM	R51852

Client Sample ID: GBS-2B SCIENCE OFFICE COOLER
Lab ID: 1409D71-004 **Date Received:** 09/25/2014 7:50 AM

Matrix: DRINKING WATER
Collection Date: 09/24/2014 3:00 PM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
COLIFORM, PRESENCE-ABSENCE			Method: SM-9223B-PA-Rev 18Ed, 1992				Analyst: maz	
Total Coliform	0		0		CFU/100ml	1	09/25/2014 2:30 PM	24557
E. Coli	0		0		CFU/100ml	1	09/25/2014 2:30 PM	24557

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Laboratory Results

Client ID: United Analytical Services
Project Name: GBHS-GLENVIEW, IL

Report Date: October 01, 2014
Workorder: 1409D71

Client Sample ID: GBS-3A WATER FOUNTAIN BY SCIE
Lab ID: 1409D71-005 **Date Received:** 09/25/2014 7:50 AM

Matrix: DRINKING WATER
Collection Date: 09/24/2014 3:00 PM

Parameter	Result	Report MCL Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
CHLORINE, TOTAL RESIDUAL (IN LABORATORY)		Method: EPA-SM4500 CL-G-Rev 18th ED, 1992				Analyst: mkl	
Residual Chlorine	ND	0.0200		mg/L	1	09/25/2014 3:00 PM	R51858
PH (IN LABORATORY) <ATC>		Method: SM-4500H-B-Rev 18Ed, 1992				Analyst: drc	
pH	7.99	1.00		pH units	1	09/25/2014 4:29 PM	R51875
TOTAL DISSOLVED SOLIDS		Method: SM-2540C-Rev 18Ed, 1992				Analyst: erw	
Residue, Filterable	154	10.0		mg/L	1	09/29/2014 2:40 PM	R51942
TURBIDITY		Method: EPA-180.1-Rev 2.0, Aug-93				Analyst: jmk	
Turbidity	0.210	0.100		NTU	1	09/25/2014 2:32 PM	R51852

Client Sample ID: GBS-3B WATER FOUNTAIN BY SCIE
Lab ID: 1409D71-006 **Date Received:** 09/25/2014 7:50 AM

Matrix: DRINKING WATER
Collection Date: 09/24/2014 3:00 PM

Parameter	Result	Report MCL Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
COLIFORM, PRESENCE-ABSENCE		Method: SM-9223B-PA-Rev 18Ed, 1992				Analyst: maz	
Total Coliform	0	0		CFU/100ml	1	09/25/2014 2:30 PM	24557
E. Coli	0	0		CFU/100ml	1	09/25/2014 2:30 PM	24557

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Laboratory Results

Client ID: United Analytical Services
Project Name: GBHS-GLENVIEW, IL

Report Date: October 01, 2014
Workorder: 1409D71

Client Sample ID: GBS-4A WATER FOUNTAIN BY SCIE
Lab ID: 1409D71-007 **Date Received:** 09/25/2014 7:50 AM

Matrix: DRINKING WATER
Collection Date: 09/24/2014 3:00 PM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
CHLORINE, TOTAL RESIDUAL (IN LABORATORY)			Method: EPA-SM4500 CL-G-Rev 18th ED, 1992				Analyst: mkl	
Residual Chlorine	ND		0.0200		mg/L	1	09/25/2014 3:00 PM	R51858
PH (IN LABORATORY) <ATC>			Method: SM-4500H-B-Rev 18Ed, 1992				Analyst: drc	
pH	8.06		1.00		pH units	1	09/25/2014 4:31 PM	R51875
TOTAL DISSOLVED SOLIDS			Method: SM-2540C-Rev 18Ed, 1992				Analyst: erw	
Residue, Filterable	416		10.0		mg/L	1	09/30/2014 8:25 AM	R51965
TURBIDITY			Method: EPA-180.1-Rev 2.0, Aug-93				Analyst: jmk	
Turbidity	ND		0.100		NTU	1	09/25/2014 2:32 PM	R51852

Client Sample ID: GBS-4B WATER FOUNTAIN BY SCIE
Lab ID: 1409D71-008 **Date Received:** 09/25/2014 7:50 AM

Matrix: DRINKING WATER
Collection Date: 09/24/2014 3:00 PM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
COLIFORM, PRESENCE-ABSENCE			Method: SM-9223B-PA-Rev 18Ed, 1992				Analyst: maz	
Total Coliform	0		0		CFU/100ml	1	09/25/2014 2:30 PM	24557
E. Coli	0		0		CFU/100ml	1	09/25/2014 2:30 PM	24557

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Laboratory Results

Client ID: United Analytical Services
Project Name: GBHS-GLENVIEW, IL

Report Date: October 01, 2014
Workorder: 1409D71

Client Sample ID: GBS-5A WATER FOUNTAIN BY RM 3
Lab ID: 1409D71-009 **Date Received:** 09/25/2014 7:50 AM

Matrix: DRINKING WATER
Collection Date: 09/24/2014 3:00 PM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
CHLORINE, TOTAL RESIDUAL (IN LABORATORY)			Method: EPA-SM4500 CL-G-Rev 18th ED, 1992				Analyst: mkl	
Residual Chlorine	ND		0.0200		mg/L	1	09/25/2014 3:00 PM	R51858
PH (IN LABORATORY) <ATC>			Method: SM-4500H-B-Rev 18Ed, 1992				Analyst: drc	
pH	7.95		1.00		pH units	1	09/25/2014 4:33 PM	R51875
TOTAL DISSOLVED SOLIDS			Method: SM-2540C-Rev 18Ed, 1992				Analyst: erw	
Residue, Filterable	278		10.0		mg/L	1	09/30/2014 8:25 AM	R51965
TURBIDITY			Method: EPA-180.1-Rev 2.0, Aug-93				Analyst: jmk	
Turbidity	0.130		0.100	J	NTU	1	09/25/2014 2:32 PM	R51852

Client Sample ID: GBS-5B WATER FOUNTAIN BY RM 3
Lab ID: 1409D71-010 **Date Received:** 09/25/2014 7:50 AM

Matrix: DRINKING WATER
Collection Date: 09/24/2014 3:00 PM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
COLIFORM, PRESENCE-ABSENCE			Method: SM-9223B-PA-Rev 18Ed, 1992				Analyst: maz	
Total Coliform	0		0		CFU/100ml	1	09/25/2014 2:30 PM	24557
E. Coli	0		0		CFU/100ml	1	09/25/2014 2:30 PM	24557

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Laboratory Results

Client ID: United Analytical Services
Project Name: GBHS-GLENVIEW, IL

Report Date: October 01, 2014
Workorder: 1409D71

Client Sample ID: GBS-6A WATER FOUNTAIN BY RM 3
Lab ID: 1409D71-011 **Date Received:** 09/25/2014 7:50 AM

Matrix: DRINKING WATER
Collection Date: 09/24/2014 3:00 PM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
CHLORINE, TOTAL RESIDUAL (IN LABORATORY)			Method: EPA-SM4500 CL-G-Rev 18th ED, 1992				Analyst: mkl	
Residual Chlorine	ND		0.0200		mg/L	1	09/25/2014 3:00 PM	R51858
PH (IN LABORATORY) <ATC>			Method: SM-4500H-B-Rev 18Ed, 1992				Analyst: drc	
pH	7.95		1.00		pH units	1	09/25/2014 4:38 PM	R51875
TOTAL DISSOLVED SOLIDS			Method: SM-2540C-Rev 18Ed, 1992				Analyst: erw	
Residue, Filterable	322		10.0		mg/L	1	09/30/2014 8:25 AM	R51965
TURBIDITY			Method: EPA-180.1-Rev 2.0, Aug-93				Analyst: jmk	
Turbidity	0.120		0.100	J	NTU	1	09/25/2014 2:32 PM	R51852

Client Sample ID: GBS-6B WATER FOUNTAIN BY RM 3
Lab ID: 1409D71-012 **Date Received:** 09/25/2014 7:50 AM

Matrix: DRINKING WATER
Collection Date: 09/24/2014 3:00 PM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
COLIFORM, PRESENCE-ABSENCE			Method: SM-9223B-PA-Rev 18Ed, 1992				Analyst: maz	
Total Coliform	0		0		CFU/100ml	1	09/25/2014 2:30 PM	24557
E. Coli	0		0		CFU/100ml	1	09/25/2014 2:30 PM	24557

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Client ID: United Analytical Services
Project Name: GBHS-GLENVIEW, IL

Report Date: October 01, 2014
Workorder: 1409D71

Client Sample ID: GBS-7A MATH OFFICE SINK
Lab ID: 1409D71-013 **Date Received:** 09/25/2014 7:50 AM

Matrix: DRINKING WATER
Collection Date: 09/24/2014 3:00 PM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
CHLORINE, TOTAL RESIDUAL (IN LABORATORY)			Method: EPA-SM4500 CL-G-Rev 18th ED, 1992				Analyst: mkl	
Residual Chlorine	0.740		0.0200		mg/L	1	09/25/2014 3:00 PM	R51858
PH (IN LABORATORY) <ATC>			Method: SM-4500H-B-Rev 18Ed, 1992				Analyst: drc	
pH	7.93		1.00		pH units	1	09/25/2014 4:43 PM	R51875
TOTAL DISSOLVED SOLIDS			Method: SM-2540C-Rev 18Ed, 1992				Analyst: erw	
Residue, Filterable	300		10.0		mg/L	1	09/30/2014 8:25 AM	R51965
TURBIDITY			Method: EPA-180.1-Rev 2.0, Aug-93				Analyst: jmk	
Turbidity	ND		0.100		NTU	1	09/25/2014 2:32 PM	R51852

Client Sample ID: GBS-7B MATH OFFICE SINK
Lab ID: 1409D71-014 **Date Received:** 09/25/2014 7:50 AM

Matrix: DRINKING WATER
Collection Date: 09/24/2014 3:00 PM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
COLIFORM, PRESENCE-ABSENCE			Method: SM-9223B-PA-Rev 18Ed, 1992				Analyst: maz	
Total Coliform	0		0		CFU/100ml	1	09/25/2014 2:30 PM	24557
E. Coli	0		0		CFU/100ml	1	09/25/2014 2:30 PM	24557

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Laboratory Results

Client ID: United Analytical Services
Project Name: GBHS-GLENVIEW, IL

Report Date: October 01, 2014
Workorder: 1409D71

Client Sample ID: GBS-8A MATH OFFICE COOLER
Lab ID: 1409D71-015 **Date Received:** 09/25/2014 7:50 AM

Matrix: DRINKING WATER
Collection Date: 09/24/2014 3:00 PM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
CHLORINE, TOTAL RESIDUAL (IN LABORATORY)			Method: EPA-SM4500 CL-G-Rev 18th ED, 1992				Analyst: mkl	
Residual Chlorine	0.0200		0.0200		mg/L	1	09/25/2014 3:00 PM	R51858
PH (IN LABORATORY) <ATC>			Method: SM-4500H-B-Rev 18Ed, 1992				Analyst: drc	
pH	7.91		1.00		pH units	1	09/25/2014 4:44 PM	R51875
TOTAL DISSOLVED SOLIDS			Method: SM-2540C-Rev 18Ed, 1992				Analyst: erw	
Residue, Filterable	320		10.0		mg/L	1	09/30/2014 8:25 AM	R51965
TURBIDITY			Method: EPA-180.1-Rev 2.0, Aug-93				Analyst: jmk	
Turbidity	ND		0.100		NTU	1	09/25/2014 2:32 PM	R51852

Client Sample ID: GBS-8B MATH OFFICE COOLER
Lab ID: 1409D71-016 **Date Received:** 09/25/2014 7:50 AM

Matrix: DRINKING WATER
Collection Date: 09/24/2014 3:00 PM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
COLIFORM, PRESENCE-ABSENCE			Method: SM-9223B-PA-Rev 18Ed, 1992				Analyst: maz	
Total Coliform	0		0		CFU/100ml	1	09/25/2014 2:30 PM	24557
E. Coli	0		0		CFU/100ml	1	09/25/2014 2:30 PM	24557

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Laboratory Results

Client ID: United Analytical Services
Project Name: GBHS-GLENVIEW, IL

Report Date: October 01, 2014
Workorder: 1409D71

Client Sample ID: GBS-9A MENS WATER FOUNTAIN B
Lab ID: 1409D71-017 **Date Received:** 09/25/2014 7:50 AM

Matrix: DRINKING WATER
Collection Date: 09/24/2014 3:00 PM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
CHLORINE, TOTAL RESIDUAL (IN LABORATORY)			Method: EPA-SM4500 CL-G-Rev 18th ED, 1992				Analyst: mkl	
Residual Chlorine	0.170		0.0200		mg/L	1	09/25/2014 3:00 PM	R51858
PH (IN LABORATORY) <ATC>			Method: SM-4500H-B-Rev 18Ed, 1992				Analyst: drc	
pH	7.91		1.00		pH units	1	09/25/2014 4:46 PM	R51875
TOTAL DISSOLVED SOLIDS			Method: SM-2540C-Rev 18Ed, 1992				Analyst: srw	
Residue, Filterable	316		10.0		mg/L	1	09/30/2014 8:25 AM	R51965
TURBIDITY			Method: EPA-180.1-Rev 2.0, Aug-93				Analyst: jmk	
Turbidity	ND		0.100		NTU	1	09/25/2014 2:32 PM	R51852

Client Sample ID: GBS-9B MENS WATER FOUNTAIN BY
Lab ID: 1409D71-018 **Date Received:** 09/25/2014 7:50 AM

Matrix: DRINKING WATER
Collection Date: 09/24/2014 3:00 PM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
COLIFORM, PRESENCE-ABSENCE			Method: SM-9223B-PA-Rev 18Ed, 1992				Analyst: maz	
Total Coliform	0		0		CFU/100ml	1	09/25/2014 2:30 PM	24557
E. Coli	0		0		CFU/100ml	1	09/25/2014 2:30 PM	24557

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Laboratory Results

Client ID: United Analytical Services
Project Name: GBHS-GLENVIEW, IL

Report Date: October 01, 2014
Workorder: 1409D71

Client Sample ID: GBS-10A WOMENS WATER FOUNTAI
Lab ID: 1409D71-019 **Date Received:** 09/25/2014 7:50 AM

Matrix: DRINKING WATER
Collection Date: 09/24/2014 3:00 PM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
CHLORINE, TOTAL RESIDUAL (IN LABORATORY)			Method: EPA-SM4500 CL-G-Rev 18th ED, 1992				Analyst: mkl	
Residual Chlorine	0.320		0.0200		mg/L	1	09/25/2014 3:00 PM	R51858
PH (IN LABORATORY) <ATC>			Method: SM-4500H-B-Rev 18Ed, 1992				Analyst: drc	
pH	7.96		1.00		pH units	1	09/25/2014 4:48 PM	R51875
TOTAL DISSOLVED SOLIDS			Method: SM-2540C-Rev 18Ed, 1992				Analyst: erw	
Residue, Filterable	324		10.0		mg/L	1	09/30/2014 8:25 AM	R51965
TURBIDITY			Method: EPA-180.1-Rev 2.0, Aug-93				Analyst: jmk	
Turbidity	ND		0.100		NTU	1	09/25/2014 2:32 PM	R51852

Client Sample ID: GBS-10B WOMENS WATER FOUNTAI
Lab ID: 1409D71-020 **Date Received:** 09/25/2014 7:50 AM

Matrix: DRINKING WATER
Collection Date: 09/24/2014 3:00 PM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
COLIFORM, PRESENCE-ABSENCE			Method: SM-9223B-PA-Rev 18Ed, 1992				Analyst: maz	
Total Coliform	0		0		CFU/100ml	1	09/25/2014 2:30 PM	24557
E. Coli	0		0		CFU/100ml	1	09/25/2014 2:30 PM	24557

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Laboratory Results

Client ID: United Analytical Services
Project Name: GBHS-GLENVIEW, IL

Report Date: October 01, 2014
Workorder: 1409D71

Client Sample ID: GBS-11A WATER FOUNTAIN BY RM
Lab ID: 1409D71-021 **Date Received:** 09/25/2014 7:50 AM

Matrix: DRINKING WATER
Collection Date: 09/24/2014 3:00 PM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
CHLORINE, TOTAL RESIDUAL (IN LABORATORY)			Method: EPA-SM4500 CL-G-Rev 18th ED, 1992				Analyst: mkl	
Residual Chlorine	0.0300		0.0200		mg/L	1	09/25/2014 3:00 PM	R51858
PH (IN LABORATORY) <ATC>			Method: SM-4500H-B-Rev 18Ed, 1992				Analyst: drc	
pH	7.91		1.00		pH units	1	09/25/2014 4:50 PM	R51875
TOTAL DISSOLVED SOLIDS			Method: SM-2540C-Rev 18Ed, 1992				Analyst: erw	
Residue, Filterable	374		10.0		mg/L	1	09/30/2014 8:25 AM	R51965
TURBIDITY			Method: EPA-180.1-Rev 2.0, Aug-93				Analyst: jmk	
Turbidity	ND		0.100		NTU	1	09/25/2014 2:32 PM	R51852

Client Sample ID: GBS-11B WATER FOUNTAIN BY RM
Lab ID: 1409D71-022 **Date Received:** 09/25/2014 7:50 AM

Matrix: DRINKING WATER
Collection Date: 09/24/2014 3:00 PM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
COLIFORM, PRESENCE-ABSENCE			Method: SM-9223B-PA-Rev 18Ed, 1992				Analyst: maz	
Total Coliform	0		0		CFU/100ml	1	09/25/2014 2:30 PM	24557
E. Coli	0		0		CFU/100ml	1	09/25/2014 2:30 PM	24557

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Laboratory Results

Client ID: United Analytical Services
Project Name: GBHS-GLENVIEW, IL

Report Date: October 01, 2014
Workorder: 1409D71

Client Sample ID: GBS-12A WATER FOUNTAIN BY RM
Lab ID: 1409D71-023 **Date Received:** 09/25/2014 7:50 AM

Matrix: DRINKING WATER
Collection Date: 09/24/2014 3:00 PM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
CHLORINE, TOTAL RESIDUAL (IN LABORATORY)			Method: EPA-SM4500 CL-G-Rev 18th ED, 1992				Analyst: mkl	
Residual Chlorine	0.0300		0.0200		mg/L	1	09/25/2014 3:00 PM	R51858
PH (IN LABORATORY) <ATC>			Method: SM-4500H-B-Rev 18Ed, 1992				Analyst: drc	
pH	7.95		1.00		pH units	1	09/25/2014 4:52 PM	R51875
TOTAL DISSOLVED SOLIDS			Method: SM-2540C-Rev 18Ed, 1992				Analyst: erw	
Residue, Filterable	320		10.0		mg/L	1	09/30/2014 8:25 AM	R51965
TURBIDITY			Method: EPA-180.1-Rev 2.0, Aug-93				Analyst: jmk	
Turbidity	ND		0.100		NTU	1	09/25/2014 2:32 PM	R51852

Client Sample ID: GBS-12B WATER FOUNTAIN BY RM
Lab ID: 1409D71-024 **Date Received:** 09/25/2014 7:50 AM

Matrix: DRINKING WATER
Collection Date: 09/24/2014 3:00 PM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
COLIFORM, PRESENCE-ABSENCE			Method: SM-9223B-PA-Rev 18Ed, 1992				Analyst: maz	
Total Coliform	0		0		CFU/100ml	1	09/25/2014 2:30 PM	24557
E. Coli	0		0		CFU/100ml	1	09/25/2014 2:30 PM	24557

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

PREP DATES REPORT

Client: United Analytical Services
Project: GBHS-GLENVIEW, IL

Report Date: October 01, 2014
Lab Order: 1409D71

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1409D71-002A	9/24/2014 3:00:00 P	24557	T_COLI_PR	Total Coliform Prep		9/25/2014
1409D71-004A		24557	T_COLI_PR	Total Coliform Prep		9/25/2014
1409D71-006A		24557	T_COLI_PR	Total Coliform Prep		9/25/2014
1409D71-008A		24557	T_COLI_PR	Total Coliform Prep		9/25/2014
1409D71-010A		24557	T_COLI_PR	Total Coliform Prep		9/25/2014
1409D71-012A		24557	T_COLI_PR	Total Coliform Prep		9/25/2014
1409D71-014A		24557	T_COLI_PR	Total Coliform Prep		9/25/2014
1409D71-016A		24557	T_COLI_PR	Total Coliform Prep		9/25/2014
1409D71-018A		24557	T_COLI_PR	Total Coliform Prep		9/25/2014
1409D71-020A		24557	T_COLI_PR	Total Coliform Prep		9/25/2014
1409D71-022A		24557	T_COLI_PR	Total Coliform Prep		9/25/2014
1409D71-024A		24557	T_COLI_PR	Total Coliform Prep		9/25/2014

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Qualifier Definitions

WO#: **1409D71**
Date: **10/1/2014**

Qualifiers:

*/x	Value exceeds Maximum Contaminant Level
B	Analyte detected in the associated Method Blank
c	Analyte not in SLI scope of accreditation
E	Estimated, detected above quantitation range
G	Refer to case narrative page for specific comments
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limit (QL)
N	Tentatively identified compounds
ND	Not Detected at the Reporting Limit
P	Present
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits

SUBURBAN LABORATORIES, Inc.

4140 Litt Drive Hillside, IL 60162 Tel. 708.544.3260 Fax 708.544.8587 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD # 74421

Company Name: Unified Analytical Services Inc.
Company Address: 1429 Centre Circle Dr.
City: Downers Grove State: IL Zip: 60515
Phone: 630-816-9441 (cell) Fax: 630-816-9439 ☐ Fax Report
Email Address: kaikman@uas1.com tdaniels@uas1.com Final Report will be emailed
Project ID / Location: 6BS - Glenview, IL
Project Manager (Report to): Kevin Aikman / Thad Daniels
Sample Collector(s) Name: Siepien Rybak

TURNAROUND TIME REQUESTED
☑ Normal ☐ RUSH* *"Additional Rush Charges Approved.
*Date & Time Needed: Report Total Chloriform + E Coli
Normal TAT is specified on the price quotation or fee schedule. Rush work must be pre-approved and additional charges apply.

Specify Regulatory Program: (Required) ☒ None/Info Only
☐ LUST ☐ SRP ☐ SDWA
☐ 503 Sludge ☐ NPDES ☐ MWRDGC
☐ Disposal ☐ Other* *Please specify in comment section below.

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

Page 1 of
PO No. 1499410-01
Shipping Method: By Hand
Reporting Level (at additional charge) 1 2 3 4

LAB USE ONLY
SLI ORDER No. 1409071
Sample containers supplied by customer? ☐ Yes
Temperature of Received Samples: 3 °C
Samples received the same day as collection? ☐ Yes

	SAMPLE IDENTIFICATION "Use One Line Per Preservation & Container Type"	COLLECTION DATE	TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	SIZE & TYPE	PRESERVATIVE	pH	Total Dissolved Solids	Turbidity	Total Residual Chlorine	Total Coliform + E.Coli	R	Condition	Split	LAB #
1	#6BS-1a Science Office Sink	9/24/14		DW	G	1	L P	None	X	X	X	X					1A
2	#6BS-1b Science Office Sink	9/24/14		DW	G	1	100mL P	NaThio					X				
3	#6BS-2a Science Office Cooler	9/24/14		DW	G	1	L P	None	X	X	X	X					
4	#6BS-2b Science Office Cooler	9/24/14		DW	G	1	100mL P	NaThio					X				
5	#6BS-3a Water Fountain By Science R.R. Room	9/24/14		DW	G	1	L P	None	X	X	X	X					
6	#6BS-3b Water Fountain By Science R.R. Room	9/24/14		DW	G	1	100mL P	NaThio					X				
7	#6BS-4a Water Fountain By Science R.R. Room	9/24/14		DW	G	1	L P	None	X	X	X	X					
8	#6BS-4b Water Fountain By Science R.R. Room	9/24/14		DW	G	1	100mL P	NaThio					X				
9	#6BS-5a Water Fountain By Rm 342	9/24/14		DW	G	1	L P	None	X	X	X	X					
10	#6BS-5b Water Fountain By Rm 342	9/24/14		DW	G	1	100mL P	NaThio					X				
11	#6BS-6a Water Fountain By Rm 344	9/24/14		DW	G	1	L P	None	X	X	X	X					
12	#6BS-6b Water Fountain By Rm 344	9/24/14		DW	G	1	100mL P	NaThio					X				1B

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: H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:
Please Fax/Email Copy of COC w/ Final Reports.
Please Report Total Coliform + E Coli ASAP

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	Date	2. Relinquished By	Date	3. Relinquished By	Date	4. Relinquished By	Date
Received By ☐ Ice present	Time	Received By ☐ Ice present	Time	Received By ☐ Ice present	Time	Received By ☐ Ice present	Time
	9/24/14		9/25/14				
	9/25/14		750				

Submission of samples subject to Terms and Conditions on back

Rev. 07/20/08

White-Original, Pink-Sampler Copy

SUBURBAN LABORATORIES, Inc.

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CHAIN OF CUSTODY RECORD # 74023

Page 2 of 2

Company Name: United Analytical Services Inc.
Company Address: 1429 Centre Circle Drive
City: Downers Grove State: IL Zip: 60515
Phone: 630-816-9441 (cell) 630-816-9439 Fax Report ☐
Email Address: kaikman@uasl.com tdaniels@uasl.com Final Report will be emailed
Project ID / Location: GBSHS - Glenview, IL
Project Manager (Report to): Kevin Aikman / Thad Daniels
Sample Collector(s) Name: Stephen Rybak

TURNAROUND TIME REQUESTED
☒ Normal ☐ RUSH* *Additional Rush Charges Approved.
*Date & Time Needed: Report Total Coliform & E Coli ASAP
Normal TAT is specified on the price quotation or fee schedule. Rush work must be pre-approved and additional charges apply.
Specify Regulatory Program: (Required) ☒ 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

PO No. 1409410-01
Shipping Method: BY HAND
Reporting Level (at additional charge) 1 2 3 4
LAB USE ONLY
SLI ORDER No. 1409D71
Sample containers supplied by customer? ☐ Yes
Temperature of Received Samples: 3 °C
Samples received the same day as collection? ☐ Yes

	SAMPLE IDENTIFICATION "Use One Line Per Preservation & Container Type"	COLLECTION DATE	TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	SIZE & TYPE	PRESERVATIVE	pH	Total Dissolved Solids	Turbidity	Total Residual Chlorine	Total Coliform & E Coli	R	Condition	Split	LAB #
1	GBS-7a Math Office Sink	9/24/14		DW	G	1	L P	None	X	X	X	X					IBA
2	GBS-7b Math Office Sink	9/24/14		DW	G	1	100mL P	NaThio					X				
3	GBS-8a Math Office Cooler	9/24/14		DW	G	1	L P	None	X	X	X	X					
4	GBS-8b Math Office Cooler	9/24/14		DW	G	1	100mL P	NaThio					X				
5	GBS-9a Mens Water Fountain By Rm 444	9/24/14		DW	G	1	L P	None	X	X	X	X					
6	GBS-9b Mens Water Fountain By Rm 444	9/24/14		DW	G	1	100mL P	NaThio					X				
7	GBS-10a Womens Water Fountain By Rm 444	9/24/14		DW	G	1	L P	None	X	X	X	X					
8	GBS-10b Womens Water Fountain By Rm 444	9/24/14		DW	G	1	100mL P	NaThio					X				
9	GBS-11a Water Fountain By Rm 455	9/24/14		DW	G	1	L P	None	X	X	X	X					
10	GBS-11b Water Fountain By Rm 455	9/24/14		DW	G	1	100mL P	NaThio					X				
11	GBS-17a Water Fountain By Rm 457	9/24/14		DW	G	1	L P	None	X	X	X	X					D
12	GBS-12b Water Fountain By Rm 457	9/24/14		DW	G	1	100mL P	NaThio					X				24A

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: H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:
Please Provide Copy of COC w/ Final Report
Please Report Total Colform & E Coli ASAP

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	Date	2. Relinquished By	Date	3. Relinquished By	Date	4. Relinquished By	Date
Kept Cold	9/24/14		9/25/14				
Received By ☐ Ice present	Time 9/25/14	Received By ☐ Ice present	Time 750	Received By ☐ Ice present	Time	Received By ☐ Ice present	Time

Submission of samples subject to Terms and Conditions on back. Rev. 07/20/08 White-Original, Pink-Sampler Copy

1429 Centre Circle Drive
Downers Grove, IL 60515
Phone: (630) 691-8271
Fax: (630) 691-1819
E-Mail: uasinc@uas1.com

UNITED ANALYTICAL SERVICES, INC.

April 28, 2016

Board of Education
Northfield Township High School District #225
3801 West Lake Avenue
Glenview, Illinois 60026

UAS Project #1699193-01

Attn: Ms. Kim Ptak, Director of Facilities
Re: Professional Industrial Hygiene Services - Drinking Water Sampling & Analyses (Lead & Copper)
Northfield Township High School District #225
Glenbrook South High School - Representative Locations
4000 West Lake, Glenview, Illinois 60025
April 15, 2016

Dear Ms. Ptak:

United Analytical Services, Inc. (UAS) prepared this executive summary of findings for drinking water sampling performed for Northfield Township High School District #225 at **Glenbrook South High School** on April 15, 2016. The current testing involved sampling/monitoring for Lead (Pb) and Copper (Cu), first draw samples, at sixteen (16) representative locations throughout the school building. All sampling was performed under the direct supervision of a Certified Industrial Hygienist (CIH).

The test results were compared to US Environmental Protection Agency (EPA) Primary Standard for Lead (PB) and Secondary Standard for Copper (Cu). The Maximum Contaminant Level (MCL) target levels for Pb and Cu are <15 ug/L and <1,300 ug/L, respectively. **Review of the test results indicate that all sixteen (16) of the representative water samples collected were determined to be below the MCL target levels.** For example, the reported concentrations for the current sampling noted that all sixteen (16) Pb levels were None Detected (<5.0 ug Lead/L) and the reported concentrations for Cu ranged from None Detected (<100 ug Copper/L) to 320 ug/L. **These results are a strong indicator that Pb and Cu in the drinking water at Glenbrook South High School were at the lower end of the recommended Primary and Secondary MCL target levels.**

Thank you for the continued opportunity to be of service to Northfield Township High School District #225. If you have any questions regarding this information, please do not hesitate to contact our office.

Sincerely,
UNITED ANALYTICAL SERVICES, INC.

Thad Daniels
Director of Field Services

cc: Kevin E. Aikman, Ph.D., CIH, FAIHA
S:\TD\IHReports\SD225.GlenbrookDouthHighSchool.\Water Testing.Report.1699193-01

SUBURBAN LABORATORIES, Inc.

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

April 20, 2016

Thad Daniels
United Analytical Services
1429 Centre Circle Drive
Downers Grove, IL 60515

Work Order: 1604A97

TEL: (630) 691-8271
FAX: (630) 691-1819
RE: SD #225 Glenbrook South HS

Dear Thad Daniels:

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

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

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

Sincerely,

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

SUBURBAN LABORATORIES, Inc.

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

Case Narrative

Client: UNITED_ANALY_DW
Project: SD #225 Glenbrook South HS

Date: April 20, 2016
PO: 1699193-01

WorkOrder: 1604A97
QC Level: LEVEL I

Temperature of samples upon receipt at lab: 4 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:
1604A97-001A - 016A was preserved in the lab.

Rpt Ver: 4/20/2016 3:35 PM

SUBURBAN LABORATORIES, Inc.

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

Laboratory Results

Client: United Analytical Services
Report Date: April 20, 2016
Project: SD #225 Glenbrook South HS
Workorder: 1604A97

Client Sample ID: #GBS-01 Kitchen Food Prep Sink **Matrix:** Drinking Water

Lab ID: 1604A97-001 **Date Received:** 4/15/2016 10:25 AM **Collection Date:** 4/15/2016 4:25 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	232	1,300	100		µg/L	1	4/19/2016 3:43 AM	35657
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 3:43 AM	35657

Client Sample ID: #GBS-02 Cafeteria DWF **Matrix:** Drinking Water

Lab ID: 1604A97-002 **Date Received:** 4/15/2016 10:25 AM **Collection Date:** 4/15/2016 4:30 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	225	1,300	100		µg/L	1	4/19/2016 3:46 AM	35657
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 3:46 AM	35657

Client Sample ID: #GBS-03 Faculty Cafeteria Sink **Matrix:** Drinking Water

Lab ID: 1604A97-003 **Date Received:** 4/15/2016 10:25 AM **Collection Date:** 4/15/2016 4:35 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	258	1,300	100		µg/L	1	4/19/2016 3:49 AM	35657
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 3:49 AM	35657

Client Sample ID: #GBS-04 Nurse's Sink **Matrix:** Drinking Water

Lab ID: 1604A97-004 **Date Received:** 4/15/2016 10:25 AM **Collection Date:** 4/15/2016 4:45 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	4/19/2016 3:52 AM	35657

Rpt Ver: 4/20/2016 3:35 PM

SUBURBAN LABORATORIES, Inc.

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

Laboratory Results

Client: United Analytical Services
Report Date: April 20, 2016
Project: SD #225 Glenbrook South HS
Workorder: 1604A97

Client Sample ID: #GBS-04 Nurse's Sink
Matrix: Drinking Water
Lab ID: 1604A97-004 **Date Received:** 4/15/2016 10:25 AM **Collection Date:** 4/15/2016 4:45 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 3:52 AM	35657

Client Sample ID: #GBS-05 Titan Tots DWF
Matrix: Drinking Water
Lab ID: 1604A97-005 **Date Received:** 4/15/2016 10:25 AM **Collection Date:** 4/15/2016 4:55 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	320	1,300	100		µg/L	1	4/19/2016 3:54 AM	35657
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 3:54 AM	35657

Client Sample ID: #GBS-06 Guidance Staff Lounge Sink
Matrix: Drinking Water
Lab ID: 1604A97-006 **Date Received:** 4/15/2016 10:25 AM **Collection Date:** 4/15/2016 5:05 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	269	1,300	100		µg/L	1	4/19/2016 3:57 AM	35657
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 3:57 AM	35657

Client Sample ID: #GBS-07 2nd Floor 400 Hall DWF
Matrix: Drinking Water
Lab ID: 1604A97-007 **Date Received:** 4/15/2016 10:25 AM **Collection Date:** 4/15/2016 5:15 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	4/19/2016 4:12 AM	35657
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 4:12 AM	35657

Rpt Ver: 4/20/2016 3:35 PM

Client Sample ID: #GBS-08 1st Floor 300 Hall DWF **Matrix:** Drinking Water

Lab ID: 1604A97-008 **Date Received:** 4/15/2016 10:25 AM **Collection Date:** 4/15/2016 5:25 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	4/19/2016 4:15 AM	35657
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 4:15 AM	35657

Client Sample ID: #GBS-09 2nd Floor 200 Hall DWF **Matrix:** Drinking Water

Lab ID: 1604A97-009 **Date Received:** 4/15/2016 10:25 AM **Collection Date:** 4/15/2016 5:35 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	4/19/2016 4:18 AM	35657
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 4:18 AM	35657

Client Sample ID: #GBS-10 Foods Lab Prep Sink **Matrix:** Drinking Water

Lab ID: 1604A97-010 **Date Received:** 4/15/2016 10:25 AM **Collection Date:** 4/15/2016 5:45 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	138	1,300	100		µg/L	1	4/19/2016 4:21 AM	35657
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 4:21 AM	35657

Client Sample ID: #GBS-11 Auditorium Bathroom Sink **Matrix:** Drinking Water

Lab ID: 1604A97-011 **Date Received:** 4/15/2016 10:25 AM **Collection Date:** 4/15/2016 5:50 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	214	1,300	100		µg/L	1	4/19/2016 4:23 AM	35657
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 4:23 AM	35657

Rpt Ver: 4/20/2016 3:35 PM

SUBURBAN LABORATORIES, Inc.

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

Laboratory Results

Client: United Analytical Services
Report Date: April 20, 2016
Project: SD #225 Glenbrook South HS
Workorder: 1604A97

Client Sample ID: #GBS-12 Contest Gymnasium DWF
Matrix: Drinking Water
Lab ID: 1604A97-012 **Date Received:** 4/15/2016 10:25 AM **Collection Date:** 4/15/2016 5:55 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	232	1,300	100		µg/L	1	4/19/2016 4:26 AM	35657
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 4:26 AM	35657

Client Sample ID: #GBS-13 Girl's Locker Room DWF
Matrix: Drinking Water
Lab ID: 1604A97-013 **Date Received:** 4/15/2016 10:25 AM **Collection Date:** 4/15/2016 6:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	168	1,300	100		µg/L	1	4/19/2016 4:29 AM	35657
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 4:29 AM	35657

Client Sample ID: #GBS-14 Concessions SInk
Matrix: Drinking Water
Lab ID: 1604A97-014 **Date Received:** 4/15/2016 10:25 AM **Collection Date:** 4/15/2016 6:05 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	247	1,300	100		µg/L	1	4/19/2016 4:32 AM	35657
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 4:32 AM	35657

Client Sample ID: #GBS-15 West Gym Hallway DWF
Matrix: Drinking Water
Lab ID: 1604A97-015 **Date Received:** 4/15/2016 10:25 AM **Collection Date:** 4/15/2016 6:10 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	151	1,300	100		µg/L	1	4/19/2016 4:46 AM	35657

Rpt Ver: 4/20/2016 3:35 PM

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

Laboratory Results

Client: United Analytical Services
Report Date: April 20, 2016
Project: SD #225 Glenbrook South HS
Workorder: 1604A97

Client Sample ID: #GBS-15 West Gym Hallway DWF
Matrix: Drinking Water
Lab ID: 1604A97-015 **Date Received:** 4/15/2016 10:25 AM **Collection Date:** 4/15/2016 6:10 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	4/19/2016 4:46 AM	35657

Client Sample ID: #GBS-16 Maint. Staff Lounge Sink
Matrix: Drinking Water
Lab ID: 1604A97-016 **Date Received:** 4/15/2016 10:25 AM **Collection Date:** 4/15/2016 6:15 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	4/19/2016 4:49 AM	35657
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 4:49 AM	35657

Rpt Ver: 4/20/2016 3:35 PM

SUBURBAN LABORATORIES, Inc.

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

Prep Dates

Client: United Analytical Services

Report Date: April 20, 2016
Original

Project: SD #225 Glenbrook South HS

Workorder: 1604A97

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1604A97-001A	#GBS-01 Kitchen Food Prep Sink	4/15/2016 4:25 AM				
			35657	Turbidity Check		4/18/2016 12:02 PM
1604A97-002A	#GBS-02 Cafeteria DWF	4/15/2016 4:30 AM				
			35657	Turbidity Check		4/18/2016 12:02 PM
1604A97-003A	#GBS-03 Faculty Cafeteria Sink	4/15/2016 4:35 AM				
			35657	Turbidity Check		4/18/2016 12:02 PM
1604A97-004A	#GBS-04 Nurse's Sink	4/15/2016 4:45 AM				
			35657	Turbidity Check		4/18/2016 12:02 PM
1604A97-005A	#GBS-05 Titan Tots DWF	4/15/2016 4:55 AM				
			35657	Turbidity Check		4/18/2016 12:02 PM
1604A97-006A	#GBS-06 Guidance Staff Lounge Sink	4/15/2016 5:05 AM				
			35657	Turbidity Check		4/18/2016 12:02 PM
1604A97-007A	#GBS-07 2nd Floor 400 Hall DWF	4/15/2016 5:15 AM				
			35657	Turbidity Check		4/18/2016 12:02 PM
1604A97-008A	#GBS-08 1st Floor 300 Hall DWF	4/15/2016 5:25 AM				
			35657	Turbidity Check		4/18/2016 12:02 PM
1604A97-009A	#GBS-09 2nd Floor 200 Hall DWF	4/15/2016 5:35 AM				
			35657	Turbidity Check		4/18/2016 12:02 PM
1604A97-010A	#GBS-10 Foods Lab Prep Sink	4/15/2016 5:45 AM				
			35657	Turbidity Check		4/18/2016 12:02 PM
1604A97-011A	#GBS-11 Auditorium Bathroom Sink	4/15/2016 5:50 AM				
			35657	Turbidity Check		4/18/2016 12:02 PM
1604A97-012A	#GBS-12 Contest Gymnasium DWF	4/15/2016 5:55 AM				
			35657	Turbidity Check		4/18/2016 12:02 PM
1604A97-013A	#GBS-13 Girl's Locker Room DWF	4/15/2016 6:00 AM				
			35657	Turbidity Check		4/18/2016 12:02 PM
1604A97-014A	#GBS-14 Concessions Sink	4/15/2016 6:05 AM				
			35657	Turbidity Check		4/18/2016 12:02 PM
1604A97-015A	#GBS-15 West Gym Hallway DWF	4/15/2016 6:10 AM				
			35657	Turbidity Check		4/18/2016 12:02 PM
1604A97-016A	#GBS-16 Maint. Staff Lounge Sink	4/15/2016 6:15 AM				
			35657	Turbidity Check		4/18/2016 12:02 PM

Rpt Ver: 4/20/2016 3:35 PM

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

Qualifier Definitions

Report Date: April 20, 2016

WorkOrder: 1604A97

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 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

Electronic Version

Company Name: United Analytical Services, Inc.
Company Address: 1429 Centre Circle Drive
City: Downers Grove State: IL Zip: 60515
Phone: 630-816-9439 Fax: ☐ Fax Report
Email Address: tdaniels@uas1.com
Project ID / Location: SD #225 Glenbrook South HS
Project Manager (Report to): Thad Daniels
Sample Collector(s): Thad Daniels

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: (Required) ☑ None/Info only
☐ LUST ☐ SRP ☐ SDWA
☐ 503 Sludg ☐ NPDES ☐ MWRDGC
☐ Disposal ☐ Other *Please specify in comment section below.

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

Page 1 of 2
PO No. 1699193-01
Shipping Method: Hand
QC Reporting Level ☐ ☐ ☐
LAB USE ONLY
SLI Order No. 1604A97
Sample containers supplied by customer? ☐ Y
Temperature of Received Samples 4 °C
Samples received within 24 hours of collection? ☐ Ye

	SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Lead	Copper	R	Condition	Split	LAB #
1	#GBS-01 Kitchen Food Prep Sink	4/15/16	4:25 AM	DW	GRAB	2	.5L P	None	X	X				1A
2	#GBS-02 Cafeteria DWF	4/15/16	4:30 AM	DW	GRAB	2	.5L P	None	X	X				
3	#GBS-03 Faculty Cafeteria Sink	4/15/16	4:35 AM	DW	GRAB	2	.5L P	None	X	X				
4	#GBS-04 Nurse's Sink	4/15/16	4:45 AM	DW	GRAB	2	.5L P	None	X	X				
5	#GBS-05 Titan Tots DWF	4/15/16	4:55 AM	DW	GRAB	2	.5L P	None	X	X				
6	#GBS-06 Guidance Staff Lounge Sink	4/15/16	5:05 AM	DW	GRAB	2	.5L P	None	X	X				
7	#GBS-07 2nd Floor 400 Hall DWF	4/15/16	5:15 AM	DW	GRAB	2	.5L P	None	X	X				
8	#GBS-08 1st Floor 300 Hall DWF	4/15/16	5:25 AM	DW	GRAB	2	.5L P	None	X	X				
9	#GBS-09 2nd Floor 200 Hall DWF	4/15/16	5:35 AM	DW	GRAB	2	.5L P	None	X	X				
10	#GBS-10 Foods Lab Prep Sink	4/15/16	5:45 AM	DW	GRAB	2	.5L P	None	X	X				
11	#GBS-11 Auditorium Bathroom Sink	4/15/16	5:50 AM	DW	GRAB	2	.5L P	None	X	X				
12	#GBS-12 Contest Gymnasium DWF	4/15/16	5:55 AM	DW	GRAB	2	.5L P	None	X	X				-12A

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: H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaSB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

Please provide copy of COC with Final Report.

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	Date	2. Relinquished By	Date	3. Relinquished By	Date	4. Relinquished By	Date
	4/15/16						
Received By ☐	Time Ice 1025	Received By ☐	Time Ice	Received By ☐	Time Ice	Received By ☐	Time 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 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

Electronic Version

Page 2 of 2

Page 11 of 11

Company Name	United Analytical Services, Inc.
Company Address	1429 Centre Circle Drive
City / State / Zip	Downers Grove / IL / 60515
Phone / Fax	630-816-9439 / ☐ Fax Report
Email Address	tdaniels@uas1.com
Project ID / Location	SD #225 Glenbrook South HS
Project Manager (Report to)	Thad Daniels
Sample Collector(s)	Thad Daniels

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: (Required) ☑ None/Info only

☐ LUST ☐ SRP ☐ SDWA

☐ 503 Sludg ☐ NPDES ☐ MWRDGC

☐ Disposal ☐ Other *Please specify in comment section below.

ANALYSIS & METHOD REQUESTED

Enter an "X" in box below for request

PO No.	1699193-01
Shipping Method	Hand
QC Reporting Level	☐ ☐ ☐
LAB USE ONLY	
SLI Order No.	1604A97
Sample containers supplied by customer?	☐ Y
Temperature of Received Samples	4 °C
Samples received within 24 hours of collection?	☐ Ye

	SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Lead	Copper	R	Condition	Split	LAB #
1	#GBS-13 Girl's Locker Room DWF	4/15/16	6:00 AM	DW	GRAB	2	.5L P	None	X	X				13A
2	#GBS-14 Concessions Sink	4/15/16	6:05 AM	DW	GRAB	2	.5L P	None	X	X				1
3	#GBS-15 West Gym Hallway DWF	4/15/16	6:10 AM	DW	GRAB	2	.5L P	None	X	X				1
4	#GBS-16 Maint. Staff Lounge Sink	4/15/16	6:15 AM	DW	GRAB	2	.5L P	None	X	X				16A
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: H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

Please provide copy of COC with Final Report.

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	Date	2. Relinquished By	Date	3. Relinquished By	Date	4. Relinquished By	Date
T.V. Daniels	4/15/16						
Received By ☐	Time Ice 1025	Received By ☐	Time Ice	Received By ☐	Time Ice	Received By ☐	Time 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.

UNITED ANALYTICAL SERVICES, INC.

1429 Centre Circle Drive
Downers Grove, IL 60515
PHONE: (630) 691-8271
FAX: (630) 691-1819
E-Mail: uasinc@uas1.com

INVOICE

INVOICE No: 16192-01F
DATE: April 30, 2016
PROJECT No: 1699192-01

Board of Education
Northfield Township High School District #225
3801 West Lake Avenue
Glenview, Illinois 60026

Attn: Ms. Kim Ptak, Director of Facilities
Re: Professional Industrial Hygiene Services - Drinking Water Sampling/Analyses (Pb & Cu)
Northfield Township High School District #225
Glenbrook North High School - Representative Locations
2300 Shermer Road, Northbrook, Illinois 60062
April 18, 2016

Final Invoice for Industrial Hygiene Professional & Analytical Services for the above referenced project. The project was performed at your request on April 18, 2016, with the project results and report previously reported. All fees are based on our 2016 signed proposal/agreement with S.D. #225 and your authorization to proceed.

UAS, Inc. PROFESSIONAL and ANALYTICAL SERVICES

5.0	Hours Senior IH Preparation, Coordination, Sample Collection & Reporting @ $125/hour	$	625.00
0.5	Hours CIH Data Review and Reporting @ $175/hour	$	87.50
0.75	Hours Lab Transport/Delivery @ $45/hour	$	33.75
23.0	Laboratory Analysis for Pb & Cu in Water @ $30.00 each	$	690.00
TOTAL AMOUNT DUE THIS INVOICE		**$**	**1,436.50**

Thank you for the opportunity to be of service to Northfield Township High School District #225.

PAYMENT DUE WITHIN 30 DAYS
BEYOND 30 DAYS INTEREST WILL BE CHARGED AT 1.5% PER MONTH

UAS Now Accepts MasterCard and Visa

UNITED ANALYTICAL SERVICES, INC.

1429 Centre Circle Drive
Downers Grove, IL 60515
PHONE: (630) 691-8271
FAX: (630) 691-1819
E-Mail: uasinc@uas1.com

INVOICE

INVOICE No: 16193-01F
DATE: April 30, 2016
PROJECT No: 1699193-01

Board of Education
Northfield Township High School District #225
3801 West Lake Avenue
Glenview, Illinois 60026

Attn: Ms. Kim Ptak, Director of Facilities
Re: Professional Industrial Hygiene Services - Drinking Water Sampling/Analyses (Pb & Cu)
Northfield Township High School District #225
Glenbrook South High School - Representative Locations
4000 West Lake, Glenview, Illinois 60025
April 15, 2016

Final Invoice for Industrial Hygiene Professional & Analytical Services for the above referenced project. The project was performed at your request on April 15, 2016, with the project results and report previously reported. All fees are based on our 2016 signed proposal/agreement with S.D. #225 and your authorization to proceed.

UAS, Inc. PROFESSIONAL and ANALYTICAL SERVICES

4.5	Hours Senior IH Preparation, Coordination, Sample Collection & Reporting @ $125/hour	$	562.50
0.5	Hours CIH Data Review and Reporting @ $175/hour	$	87.50
0.75	Hours Lab Transport/Delivery @ $45/hour	$	33.75
16.0	Laboratory Analysis for Pb & Cu in Water @ $30.00 each	$	480.00
TOTAL AMOUNT DUE THIS INVOICE		**$**	**1,163.75**

Thank you for the opportunity to be of service to Northfield Township High School District #225.

PAYMENT DUE WITHIN 30 DAYS
BEYOND 30 DAYS INTEREST WILL BE CHARGED AT 1.5% PER MONTH

UAS Now Accepts MasterCard and Visa

UNITED ANALYTICAL SERVICES, INC.

1429 Centre Circle Drive
Downers Grove, IL 60515
PHONE: (630) 691-8271
FAX: (630) 691-1819
E-Mail: uasinc@uas1.com

INVOICE

INVOICE No: 16194-01F
DATE: April 30, 2016
PROJECT No: 1699194-01

Board of Education
Northfield Township High School District #225
3801 West Lake Avenue
Glenview, Illinois 60026

Attn: Ms. Kim Ptak, Director of Facilities
Re: Professional Industrial Hygiene Services - Drinking Water Sampling/Analyses (Pb & Cu)
Northfield Township High School District #225
Off Campus Building - Representative Locations
1835 Landwehr Road, Glenview, Illinois 60025
April 15, 2016

Final Invoice for Industrial Hygiene Professional & Analytical Services for the above referenced project. The project was performed at your request on April 15, 2016, with the project results and report previously reported. All fees are based on our 2016 signed proposal/agreement with S.D. #225 and your authorization to proceed.

UAS, Inc. PROFESSIONAL and ANALYTICAL SERVICES

2.25	Hours Senior IH Preparation, Coordination, Sample Collection & Reporting @ $125/hour	$	281.25
0.5	Hours CIH Data Review and Reporting @ $175/hour	$	87.50
0.75	Hours Lab Transport/Delivery @ $45/hour	$	33.75
7.0	Laboratory Analysis for Pb & Cu in Water @ $30.00 each	$	210.00
TOTAL AMOUNT DUE THIS INVOICE		**$**	**612.50**

Thank you for the opportunity to be of service to Northfield Township High School District #225.

PAYMENT DUE WITHIN 30 DAYS
BEYOND 30 DAYS INTEREST WILL BE CHARGED AT 1.5% PER MONTH

UAS Now Accepts MasterCard and Visa

UNITED ANALYTICAL SERVICES, INC.

1429 Centre Circle Drive
Downers Grove, IL 60515
PHONE: (630) 691-8271
FAX: (630) 691-1819
E-Mail: uasinc@uas1.com

INVOICE

INVOICE No: 16191-01F
DATE: April 30, 2016
PROJECT No: 1699191-01

Board of Education
Northfield Township High School District #225
3801 West Lake Avenue
Glenview, Illinois 60026

Attn: Ms. Kim Ptak, Director of Facilities
Re: Professional Industrial Hygiene Services - Drinking Water Sampling/Analyses (Pb & Cu)
Northfield Township High School District #225
S.D. #225 Administration Building
3801 West Lake, Glenview, Illinois 60025
April 18, 2016

Final Invoice for Industrial Hygiene Professional & Analytical Services for the above referenced project. The project was performed at your request on April 18, 2016, with the project results and report previously reported. All fees are based on our 2016 signed proposal/agreement with S.D. #225 and your authorization to proceed.

UAS, Inc. PROFESSIONAL and ANALYTICAL SERVICES

2.25	Hours Senior IH Preparation, Coordination, Sample Collection & Reporting @ $125/hour	$	281.25
0.5	Hours CIH Data Review and Reporting @ $175/hour	$	87.50
0.75	Hours Lab Transport/Delivery @ $45/hour	$	33.75
6.0	Laboratory Analysis for Pb & Cu in Water @ $30.00 each	$	180.00
TOTAL AMOUNT DUE THIS INVOICE		**$**	**582.50**

Thank you for the opportunity to be of service to Northfield Township High School District #225.

PAYMENT DUE WITHIN 30 DAYS
BEYOND 30 DAYS INTEREST WILL BE CHARGED AT 1.5% PER MONTH

UAS Now Accepts MasterCard and Visa

UNITED ANALYTICAL SERVICES, INC.

1429 Centre Circle Drive
Downers Grove, IL 60515
Phone: (630) 691-8271
Fax: (630) 691-1819
E-Mail: uasinc@uas1.com

April 28, 2016

Board of Education
Northfield Township High School District #225
3801 West Lake Avenue
Glenview, Illinois 60026

UAS Project #1699191-01

Attn: Ms. Kim Ptak, Director of Facilities
Re: Professional Industrial Hygiene Services - Drinking Water Sampling & Analyses (Lead & Copper)
Northfield Township High School District #225
S.D. #225 Administration Building
3801 West Lake, Glenview, Illinois 60025
April 18, 2016

Dear Ms. Ptak:

United Analytical Services, Inc. (UAS) prepared this executive summary of findings for drinking water sampling performed for Northfield Township High School District #225 at **The Northfield Township High School District #225 Administration Building** on April 18, 2016. The current testing involved sampling/monitoring for Lead (Pb) and Copper (Cu), first draw samples, at six (6) representative locations throughout the school facility. All sampling was performed under the direct supervision of a Certified Industrial Hygienist (CIH).

The test results were compared to US Environmental Protection Agency (EPA) Primary Standard for Lead (PB) and Secondary Standard for Copper (Cu). The Maximum Contaminant Level (MCL) target levels for Pb and Cu are <15 ug/L and <1,300 ug/L, respectively. **Review of the test results indicate that all six (6) of the representative water samples collected were determined to be below the MCL target levels.** For example, the reported concentrations for the current sampling noted that all six (6) Pb levels were None Detected (<5.0 ug Lead/L) and the reported concentrations for Cu ranged from None Detected (<100 ug Copper/L) to 578 ug/L. **These results are a strong indicator that Pb and Cu in the drinking water at The Northfield Township High School District #225 Administration Building were at the lower end of the recommended Primary and Secondary MCL target levels.**

Thank you for the continued opportunity to be of service to Northfield Township High School District #225. If you have any questions regarding this information, please do not hesitate to contact our office.

Sincerely,
UNITED ANALYTICAL SERVICES, INC.

T. D. Daniels

Thad Daniels
Director of Field Services

cc: Kevin E. Aikman, Ph.D., CIH, FAIHA
S:\TD\IHReports\SD225.Admin Building\Water Testing.Report.1699191-01

SUBURBAN LABORATORIES, Inc.

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

April 20, 2016

Thad Daniels
United Analytical Services
1429 Centre Circle Drive
Downers Grove, IL 60515

Work Order: 1604B91

TEL: (630) 691-8271
FAX: (630) 691-1819
RE: SD #225 Administration Bldg

Dear Thad Daniels:

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

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

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

Sincerely,

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

SUBURBAN LABORATORIES, Inc.

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

Case Narrative

Client: UNITED_ANALY_DW
Project: SD #225 Administration Bldg

Date: April 20, 2016
PO: 1699191-01

WorkOrder: 1604B91
QC Level: LEVEL I

Temperature of samples upon receipt at lab: 0 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:
1604B91-001A - 006A was preserved in the lab.

Rpt Ver: 4/20/2016 3:38 PM

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

Laboratory Results

Client: United Analytical Services
Report Date: April 20, 2016
Project: SD #225 Administration Bldg
Workorder: 1604B91

Client Sample ID: #DO-01 1st Flr Staff Kitchen Sink West
Matrix: Drinking Water
Lab ID: 1604B91-001 **Date Received:** 4/18/2016 12:00 PM **Collection Date:** 4/18/2016 6:35 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	551	1,300	100		µg/L	1	4/19/2016 11:39 AM	35680
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 11:39 AM	35680

Client Sample ID: #DO-02 1st Flr DWF
Matrix: Drinking Water
Lab ID: 1604B91-002 **Date Received:** 4/18/2016 12:00 PM **Collection Date:** 4/18/2016 6:40 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	578	1,300	100		µg/L	1	4/19/2016 11:42 AM	35680
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 11:42 AM	35680

Client Sample ID: #DO-03 2nd Flr Staff Kitchen Sink East
Matrix: Drinking Water
Lab ID: 1604B91-003 **Date Received:** 4/18/2016 12:00 PM **Collection Date:** 4/18/2016 6:45 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	4/19/2016 11:45 AM	35680
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 11:45 AM	35680

Rpt Ver: 4/20/2016 3:38 PM

SUBURBAN LABORATORIES, Inc.

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

Laboratory Results

Client: United Analytical Services
Report Date: April 20, 2016
Project: SD #225 Administration Bldg
Workorder: 1604B91

Client Sample ID: #DO-04 2nd Flr DWF
Matrix: Drinking Water
Lab ID: 1604B91-004 **Date Received:** 4/18/2016 12:00 PM **Collection Date:** 4/18/2016 6:50 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	298	1,300	100		µg/L	1	4/19/2016 11:48 AM	35680
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 11:48 AM	35680

Client Sample ID: #DO-05 3rd Flr Staff Kitchen Sink West
Matrix: Drinking Water
Lab ID: 1604B91-005 **Date Received:** 4/18/2016 12:00 PM **Collection Date:** 4/18/2016 6:55 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	220	1,300	100		µg/L	1	4/19/2016 12:05 PM	35680
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 12:05 PM	35680

Client Sample ID: #DO-06 3rd Flr DWF
Matrix: Drinking Water
Lab ID: 1604B91-006 **Date Received:** 4/18/2016 12:00 PM **Collection Date:** 4/18/2016 7:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	4/19/2016 12:11 PM	35680
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 12:11 PM	35680

Rpt Ver: 4/20/2016 3:38 PM

SUBURBAN LABORATORIES, Inc.

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

Prep Dates

Client: United Analytical Services

Report Date: April 20, 2016
Original

Project: SD #225 Administration Bldg

Workorder: 1604B91

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1604B91-001A	#DO-01 1st Flr Staff Kitchen Sink West	4/18/2016 6:35 AM				
			35680	Turbidity Check		4/19/2016 9:40 AM
1604B91-002A	#DO-02 1st Flr DWF	4/18/2016 6:40 AM				
			35680	Turbidity Check		4/19/2016 9:40 AM
1604B91-003A	#DO-03 2nd Flr Staff Kitchen Sink East	4/18/2016 6:45 AM				
			35680	Turbidity Check		4/19/2016 9:40 AM
1604B91-004A	#DO-04 2nd Flr DWF	4/18/2016 6:50 AM				
			35680	Turbidity Check		4/19/2016 9:40 AM
1604B91-005A	#DO-05 3rd Flr Staff Kitchen Sink West	4/18/2016 6:55 AM				
			35680	Turbidity Check		4/19/2016 9:40 AM
1604B91-006A	#DO-06 3rd Flr DWF	4/18/2016 7:00 AM				
			35680	Turbidity Check		4/19/2016 9:40 AM

Rpt Ver: 4/20/2016 3:38 PM

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

Qualifier Definitions

Report Date: April 20, 2016

WorkOrder: 1604B91

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 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

Electronic Version

Company Name: United Analytical Services, Inc.

Company Address: 1429 Centre Circle Drive

City: Downers Grove State: IL Zip: 60515

Phone: 630-816-9439 Fax: ☐ Fax Report

Email Address: tdaniels@uas1.com

Project ID / Location: SD #225 Administration Building

Project Manager (Report to): Thad Daniels

Sample Collector(s): Thad Daniels

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: (Required) ☑ None/Info only

☐ LUST ☐ SRP ☐ SDWA

☐ 503 Sludge ☐ NPDES ☐ MWRDGC

☐ Disposal ☐ Other *Please specify in comment section below.

ANALYSIS & METHOD REQUESTED

Enter an "X" in box below for request

Page 1 of 1

PO No. 1699191-01

Shipping Method: Hand

QC Reporting Level ☐ ☐ ☐

LAB USE ONLY

SLI Order No. 1604 B91

Sample containers supplied by customer? ☐ Y

Temperature of Received Samples: 0 °C

Samples received within 24 hours of collection? ☐ Ye

	SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Lead	Copper	R	Condition	Split	LAB #
1	#DO-01 1st Floor Staff Kitchen Sink West	4/18/16	6:35 AM	DW	GRAB	1	1L P	None	X	X				-1
2	#DO-02 1st Floor DWF	4/18/16	6:40 AM	DW	GRAB	1	1L P	None	X	X				-2
3	#DO-03 2nd Floor Staff Kitchen Sink East	4/18/16	6:45 AM	DW	GRAB	1	1L P	None	X	X				-3
4	#DO-04 2nd Floor DWF	4/18/16	6:50 AM	DW	GRAB	1	1L P	None	X	X				-4
5	#DO-05 3rd Floor Staff Kitchen Sink West	4/18/16	6:55 AM	DW	GRAB	1	1L P	None	X	X				-5
6	#DO-06 3rd Floor DWF	4/18/16	7:00 AM	DW	GRAB	1	1L P	None	X	X				-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: H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

Please provide copy of COC with Final Report.

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	Date	2. Relinquished By	Date	3. Relinquished By	Date	4. Relinquished By	Date
	4/18/16						
Received By	Time / Ice	Received By	Time / Ice	Received By	Time / Ice	Received By	Time / Ice
258	12:00						

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

Page 1 of 1

1429 Centre Circle Drive
Downers Grove, IL 60515
Phone: (630) 691-8271
Fax: (630) 691-1819
E-Mail: uasinc@uas1.com

UNITED ANALYTICAL SERVICES, INC.

April 28, 2016

Board of Education
Northfield Township High School District #225
3801 West Lake Avenue
Glenview, Illinois 60026

UAS Project #1699192-01

Attn: Ms. Kim Ptak, Director of Facilities
Re: Professional Industrial Hygiene Services - Drinking Water Sampling & Analyses (Lead & Copper)
Northfield Township High School District #225
Glenbrook North High School - Representative Locations
2300 Shermer Road, Northbrook, Illinois 60062
April 18, 2016

Dear Ms. Ptak:

United Analytical Services, Inc. (UAS) prepared this executive summary of findings for drinking water sampling performed for Northfield Township High School District #225 at **Glenbrook North High School** on April 18, 2016. The current testing involved sampling/monitoring for Lead (Pb) and Copper (Cu), first draw samples, at twenty-three (23) representative locations throughout the school building. All sampling was performed under the direct supervision of a Certified Industrial Hygienist (CIH).

The test results were compared to US Environmental Protection Agency (EPA) Primary Standard for Lead (PB) and Secondary Standard for Copper (Cu). The Maximum Contaminant Level (MCL) target levels for Pb and Cu are <15 ug/L and <1,300 ug/L, respectively. **Review of the test results indicate that all twenty-three (23) of the representative water samples collected were determined to be below the MCL target levels.** For example, the reported concentrations for the current sampling noted that the twenty-three (23) Pb levels ranged from None Detected (<5.0 ug Lead/L) to 5.35 ug/L and the reported concentrations for Cu ranged from None Detected (<100 ug Copper/L) to 719 ug/L. **These results are a strong indicator that Pb and Cu in the drinking water at Glenbrook North High School were at the lower end of the recommended Primary and Secondary MCL target levels.**

Thank you for the continued opportunity to be of service to Northfield Township High School District #225. If you have any questions regarding this information, please do not hesitate to contact our office.

Sincerely,
UNITED ANALYTICAL SERVICES, INC.

Thad Daniels
Director of Field Services

cc: Kevin E. Aikman, Ph.D., CIH, FAIHA
S:\TD\IHReports\SD225.GlenbrookNorthHighSchool.\Water Testing.Report.1699192-01

SUBURBAN LABORATORIES, Inc.

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

April 20, 2016

Thad Daniels
United Analytical Services
1429 Centre Circle Drive
Downers Grove, IL 60515

Work Order: 1604B97

TEL: (630) 691-8271
FAX: (630) 691-1819
RE: SD #225 Glenbrook North

Dear Thad Daniels:

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

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

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

Sincerely,

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

SUBURBAN LABORATORIES, Inc.

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

Case Narrative

Client: UNITED_ANALY_DW
Project: SD #225 Glenbrook North

Date: April 20, 2016
PO: 1699192-01
QC Level: LEVEL I
Chain of Custody: EV

WorkOrder: 1604B97
Temperature of samples upon receipt at lab: 0 C

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:
1604B97-001A - 023A was preserved in the lab.

Rpt Ver: 4/20/2016 3:38 PM

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

Laboratory Results

Client: United Analytical Services
Project: SD #225 Glenbrook North
Report Date: April 20, 2016
Workorder: 1604B97

Client Sample ID: #GBN-01 Kitchen Food Prep Sink
Matrix: Drinking Water
Lab ID: 1604B97-001 **Date Received:** 4/18/2016 12:00 PM **Collection Date:** 4/18/2016 4:30 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	185	1,300	100		µg/L	1	4/19/2016 12:14 PM	35680
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 12:14 PM	35680

Client Sample ID: #GBN-02 Cafeteria Serving Line Sink
Matrix: Drinking Water
Lab ID: 1604B97-002 **Date Received:** 4/18/2016 12:00 PM **Collection Date:** 4/18/2016 4:35 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	147	1,300	100		µg/L	1	4/19/2016 12:17 PM	35680
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 12:17 PM	35680

Client Sample ID: #GBN-03 C105 Pre-School DWF
Matrix: Drinking Water
Lab ID: 1604B97-003 **Date Received:** 4/18/2016 12:00 PM **Collection Date:** 4/18/2016 4:40 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	4/19/2016 12:19 PM	35680
Lead	5.16	15.0	5.00		µg/L	1	4/19/2016 12:19 PM	35680

Client Sample ID: #GBN-04 C106 Food Prep Sink
Matrix: Drinking Water
Lab ID: 1604B97-004 **Date Received:** 4/18/2016 12:00 PM **Collection Date:** 4/18/2016 4:45 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	513	1,300	100		µg/L	1	4/19/2016 12:22 PM	35680

Rpt Ver: 4/20/2016 3:38 PM

SUBURBAN LABORATORIES, Inc.

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

Laboratory Results

Client: United Analytical Services
Report Date: April 20, 2016
Project: SD #225 Glenbrook North
Workorder: 1604B97

Client Sample ID: #GBN-04 C106 Food Prep Sink **Matrix:** Drinking Water

Lab ID: 1604B97-004 **Date Received:** 4/18/2016 12:00 PM **Collection Date:** 4/18/2016 4:45 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 12:22 PM	35680

Client Sample ID: #GBN-05 C108 Food Prep Sink **Matrix:** Drinking Water

Lab ID: 1604B97-005 **Date Received:** 4/18/2016 12:00 PM **Collection Date:** 4/18/2016 4:50 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	221	1,300	100		µg/L	1	4/19/2016 12:37 PM	35680
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 12:37 PM	35680

Client Sample ID: #GBN-06 Science Hallway DWF **Matrix:** Drinking Water

Lab ID: 1604B97-006 **Date Received:** 4/18/2016 12:00 PM **Collection Date:** 4/18/2016 4:55 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	367	1,300	100		µg/L	1	4/19/2016 12:40 PM	35680
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 12:40 PM	35680

Client Sample ID: #GBN-07 Science Staff Lounge Sink **Matrix:** Drinking Water

Lab ID: 1604B97-007 **Date Received:** 4/18/2016 12:00 PM **Collection Date:** 4/18/2016 5:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	719	1,300	100		µg/L	1	4/19/2016 12:42 PM	35680
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 12:42 PM	35680

Rpt Ver: 4/20/2016 3:38 PM

Client Sample ID: #GBN-08 Library Staff Lounge Sink **Matrix:** Drinking Water

Lab ID: 1604B97-008 **Date Received:** 4/18/2016 12:00 PM **Collection Date:** 4/18/2016 5:05 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	598	1,300	100		µg/L	1	4/19/2016 12:45 PM	35680
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 12:45 PM	35680

Client Sample ID: #GBN-09 A250 Hallway DWF **Matrix:** Drinking Water

Lab ID: 1604B97-009 **Date Received:** 4/18/2016 12:00 PM **Collection Date:** 4/18/2016 5:10 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	450	1,300	100		µg/L	1	4/19/2016 1:20 PM	35680
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 1:20 PM	35680

Client Sample ID: #GBN-10 A206b SS Lounge Sink **Matrix:** Drinking Water

Lab ID: 1604B97-010 **Date Received:** 4/18/2016 12:00 PM **Collection Date:** 4/18/2016 5:15 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	339	1,300	100		µg/L	1	4/19/2016 1:23 PM	35680
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 1:23 PM	35680

Client Sample ID: #GBN-11 A208J Special Ed Sink **Matrix:** Drinking Water

Lab ID: 1604B97-011 **Date Received:** 4/18/2016 12:00 PM **Collection Date:** 4/18/2016 5:20 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	479	1,300	100		µg/L	1	4/19/2016 1:26 PM	35680
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 1:26 PM	35680

Rpt Ver: 4/20/2016 3:38 PM

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

Laboratory Results

Client: United Analytical Services
Report Date: April 20, 2016
Project: SD #225 Glenbrook North
Workorder: 1604B97

Client Sample ID: #GBN-12 2nd Flr Special Ed Hallway DWF
Matrix: Drinking Water
Lab ID: 1604B97-012 **Date Received:** 4/18/2016 12:00 PM **Collection Date:** 4/18/2016 5:25 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	373	1,300	100		µg/L	1	4/19/2016 1:29 PM	35680
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 1:29 PM	35680

Client Sample ID: #GBN-13 F108 Sink
Matrix: Drinking Water
Lab ID: 1604B97-013 **Date Received:** 4/18/2016 12:00 PM **Collection Date:** 4/18/2016 5:30 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	532	1,300	100		µg/L	1	4/19/2016 1:32 PM	35681
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 1:32 PM	35681

Client Sample ID: #GBN-14 Auditorium DWF
Matrix: Drinking Water
Lab ID: 1604B97-014 **Date Received:** 4/18/2016 12:00 PM **Collection Date:** 4/18/2016 5:35 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	116	1,300	100		µg/L	1	4/19/2016 1:46 PM	35681
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 1:46 PM	35681

Client Sample ID: #GBN-15 Music Hall DWF
Matrix: Drinking Water
Lab ID: 1604B97-015 **Date Received:** 4/18/2016 12:00 PM **Collection Date:** 4/18/2016 5:40 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	164	1,300	100		µg/L	1	4/19/2016 1:49 PM	35681

Rpt Ver: 4/20/2016 3:38 PM

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

Laboratory Results

Client: United Analytical Services
Report Date: April 20, 2016
Project: SD #225 Glenbrook North
Workorder: 1604B97

Client Sample ID: #GBN-15 Music Hall DWF **Matrix:** Drinking Water
Lab ID: 1604B97-015 **Date Received:** 4/18/2016 12:00 PM **Collection Date:** 4/18/2016 5:40 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 1:49 PM	35681

Client Sample ID: #GBN-16 Nurse's Office Sink **Matrix:** Drinking Water
Lab ID: 1604B97-016 **Date Received:** 4/18/2016 12:00 PM **Collection Date:** 4/18/2016 5:45 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	363	1,300	100		µg/L	1	4/19/2016 1:52 PM	35681
Lead	5.35	15.0	5.00		µg/L	1	4/19/2016 1:52 PM	35681

Client Sample ID: #GBN-17 Counselor's Office Sink **Matrix:** Drinking Water
Lab ID: 1604B97-017 **Date Received:** 4/18/2016 12:00 PM **Collection Date:** 4/18/2016 5:50 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	275	1,300	100		µg/L	1	4/19/2016 1:55 PM	35681
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 1:55 PM	35681

Client Sample ID: #GBN-18 Athletic Hallway DWF **Matrix:** Drinking Water
Lab ID: 1604B97-018 **Date Received:** 4/18/2016 12:00 PM **Collection Date:** 4/18/2016 5:55 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	196	1,300	100		µg/L	1	4/19/2016 1:58 PM	35681
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 1:58 PM	35681

Rpt Ver: 4/20/2016 3:38 PM

Client Sample ID: #GBN-19 Fitness Center DWF **Matrix:** Drinking Water

Lab ID: 1604B97-019 **Date Received:** 4/18/2016 12:00 PM **Collection Date:** 4/18/2016 6:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	163	1,300	100		µg/L	1	4/19/2016 2:04 PM	35681
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 2:04 PM	35681

Client Sample ID: #GBN-20 Entrance 5 Hallway DWF **Matrix:** Drinking Water

Lab ID: 1604B97-020 **Date Received:** 4/18/2016 12:00 PM **Collection Date:** 4/18/2016 6:05 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	581	1,300	100		µg/L	1	4/19/2016 2:07 PM	35681
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 2:07 PM	35681

Client Sample ID: #GBN-21 Fieldhouse DWF **Matrix:** Drinking Water

Lab ID: 1604B97-021 **Date Received:** 4/18/2016 12:00 PM **Collection Date:** 4/18/2016 6:10 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	4/19/2016 2:21 PM	35681
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 2:21 PM	35681

Client Sample ID: #GBN-22 Old Pool DWF **Matrix:** Drinking Water

Lab ID: 1604B97-022 **Date Received:** 4/18/2016 12:00 PM **Collection Date:** 4/18/2016 6:15 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	532	1,300	100		µg/L	1	4/19/2016 2:24 PM	35681
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 2:24 PM	35681

Rpt Ver: 4/20/2016 3:38 PM

SUBURBAN LABORATORIES, Inc.

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

Laboratory Results

Client: United Analytical Services
Report Date: April 20, 2016
Project: SD #225 Glenbrook North
Workorder: 1604B97
Client Sample ID: #GBN-23 Concessions Sink
Matrix: Drinking Water
Lab ID: 1604B97-023
Date Received: 4/18/2016 12:00 PM
Collection Date: 4/18/2016 6:20 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200.8-5.4, 1994						Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	4/19/2016 2:27 PM	35681
Lead	ND	15.0	5.00		µg/L	1	4/19/2016 2:27 PM	35681

Rpt Ver: 4/20/2016 3:38 PM

SUBURBAN LABORATORIES, Inc.

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

Prep Dates

Client: United Analytical Services

Report Date: April 20, 2016
Original

Project: SD #225 Glenbrook North

Workorder: 1604B97

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1604B97-001A	#GBN-01 Kitchen Food Prep Sink	4/18/2016 4:30 AM				
			35680	Turbidity Check		4/19/2016 9:40 AM
1604B97-002A	#GBN-02 Cafeteria Serving Line Sink	4/18/2016 4:35 AM				
			35680	Turbidity Check		4/19/2016 9:40 AM
1604B97-003A	#GBN-03 C105 Pre-School DWF	4/18/2016 4:40 AM				
			35680	Turbidity Check		4/19/2016 9:40 AM
1604B97-004A	#GBN-04 C106 Food Prep Sink	4/18/2016 4:45 AM				
			35680	Turbidity Check		4/19/2016 9:40 AM
1604B97-005A	#GBN-05 C108 Food Prep Sink	4/18/2016 4:50 AM				
			35680	Turbidity Check		4/19/2016 9:40 AM
1604B97-006A	#GBN-06 Science Hallway DWF	4/18/2016 4:55 AM				
			35680	Turbidity Check		4/19/2016 9:40 AM
1604B97-007A	#GBN-07 Science Staff Lounge Sink	4/18/2016 5:00 AM				
			35680	Turbidity Check		4/19/2016 9:40 AM
1604B97-008A	#GBN-08 Library Staff Lounge Sink	4/18/2016 5:05 AM				
			35680	Turbidity Check		4/19/2016 9:40 AM
1604B97-009A	#GBN-09 A250 Hallway DWF	4/18/2016 5:10 AM				
			35680	Turbidity Check		4/19/2016 9:40 AM
1604B97-010A	#GBN-10 A206b SS Lounge Sink	4/18/2016 5:15 AM				
			35680	Turbidity Check		4/19/2016 9:40 AM
1604B97-011A	#GBN-11 A208J Special Ed Sink	4/18/2016 5:20 AM				
			35680	Turbidity Check		4/19/2016 9:40 AM
1604B97-012A	#GBN-12 2nd Flr Special Ed Hallway DWF	4/18/2016 5:25 AM				
			35680	Turbidity Check		4/19/2016 9:40 AM
1604B97-013A	#GBN-13 F108 Sink	4/18/2016 5:30 AM				
			35681	Turbidity Check		4/19/2016 9:41 AM
1604B97-014A	#GBN-14 Auditorium DWF	4/18/2016 5:35 AM				
			35681	Turbidity Check		4/19/2016 9:41 AM
1604B97-015A	#GBN-15 Music Hall DWF	4/18/2016 5:40 AM				
			35681	Turbidity Check		4/19/2016 9:41 AM
1604B97-016A	#GBN-16 Nurse's Office Sink	4/18/2016 5:45 AM				
			35681	Turbidity Check		4/19/2016 9:41 AM
1604B97-017A	#GBN-17 Counselor's Office Sink	4/18/2016 5:50 AM				
			35681	Turbidity Check		4/19/2016 9:41 AM

Rpt Ver: 4/20/2016 3:38 PM

SUBURBAN LABORATORIES, Inc.

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

Prep Dates

Client: United Analytical Services

Report Date: April 20, 2016
Original

Project: SD #225 Glenbrook North

Workorder: 1604B97

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1604B97-018A	#GBN-18 Athletic Hallway DWF	4/18/2016 5:55 AM				
			35681	Turbidity Check		4/19/2016 9:41 AM
1604B97-019A	#GBN-19 Fitness Center DWF	4/18/2016 6:00 AM				
			35681	Turbidity Check		4/19/2016 9:41 AM
1604B97-020A	#GBN-20 Entrance 5 Hallway DWF	4/18/2016 6:05 AM				
			35681	Turbidity Check		4/19/2016 9:41 AM
1604B97-021A	#GBN-21 Fieldhouse DWF	4/18/2016 6:10 AM				
			35681	Turbidity Check		4/19/2016 9:41 AM
1604B97-022A	#GBN-22 Old Pool DWF	4/18/2016 6:15 AM				
			35681	Turbidity Check		4/19/2016 9:41 AM
1604B97-023A	#GBN-23 Concessions Sink	4/18/2016 6:20 AM				
			35681	Turbidity Check		4/19/2016 9:41 AM

Rpt Ver: 4/20/2016 3:38 PM

SUBURBAN LABORATORIES, Inc.

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

Qualifier Definitions

Report Date: April 20, 2016

WorkOrder: 1604B97

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 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

Electronic Version

Company Name: United Analytical Services, Inc.
Company Address: 1429 Centre Circle Drive
City: Downers Grove State: IL Zip: 60515
Phone: 630-816-9439 Fax: ☐ Fax Report
Email Address: tdaniels@uas1.com
Project ID / Location: SD #225 Glenbrook North HS
Project Manager (Report to): Thad Daniels
Sample Collector(s): Thad Daniels

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: (Required) ☑ None/Info only

☐ LUST ☐ SRP ☐ SDWA
☐ 503 Sludge ☐ NPDES ☐ MWRDGC
☐ Disposal ☐ Other *Please specify in comment section below.

ANALYSIS & METHOD REQUESTED

Enter an "X" in box below for request

Page 1 of 2
PO No. 1699192-01
Shipping Method: Hand
QC Reporting Level ☐ ☐ ☐

LAB USE ONLY

SLI Order No. 1604B97
Sample containers supplied by customer? ☐ Y
Temperature of Received Samples 0 °C
Samples received within 24 hours of collection? ☐ Ye

	SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Lead	Copper	R	Condition	Split	LAB #
1	#GBN-01 Kitchen Food Prep Sink	4/18/16	4:30 AM	DW	GRAB	1	1L P	None	X	X				1A
2	#GBN-02 Caferteria Serving Line Sink	4/18/16	4:35 AM	DW	GRAB	1	1L P	None	X	X				
3	#GBN-03 C105 Pre-School DWF	4/18/16	4:40 AM	DW	GRAB	1	1L P	None	X	X				
4	#GBN-04 C106 Food Prep Sink	4/18/16	4:45 AM	DW	GRAB	1	1L P	None	X	X				
5	#GBN-05 C108 Food Prep Sink	4/18/16	4:50 AM	DW	GRAB	1	1L P	None	X	X				
6	#GBN-06 Science Hallway DWF	4/18/16	4:55 AM	DW	GRAB	1	1L P	None	X	X				
7	#GBN-07 Science Staff Lounge Sink	4/18/16	5:00 AM	DW	GRAB	1	1L P	None	X	X				
8	#GBN-08 Library Staff Lounge Sink	4/18/16	5:05 AM	DW	GRAB	1	1L P	None	X	X				
9	#GBN-09 A250 Hallway DWF	4/18/16	5:10 AM	DW	GRAB	1	1L P	None	X	X				
10	#GBN-10 A206b SS Lounge Sink	4/18/16	5:15 AM	DW	GRAB	1	1L P	None	X	X				
11	#GBN-11 208J Special Ed Sink	4/18/16	5:20 AM	DW	GRAB	1	1L P	None	X	X				
12	#GBN-12 2nd Floor Spec. Ed Hallway DWF	4/18/16	5:25 AM	DW	GRAB	1	1L P	None	X	X				12A

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: H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

Please provide copy of COC with Final Report.

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	Date	2. Relinquished By	Date	3. Relinquished By	Date	4. Relinquished By	Date
T. Daniels	4/19/16						
Received By	**Time Ice**	**Received By**	**Time Ice**	**Received By**	**Time Ice**	**Received By**	**Time Ice**
[signature]	12:00	☐		☐		☐	

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 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

Electronic Version

Company Name: United Analytical Services, Inc.
Company Address: 1429 Centre Circle Drive
City: Downers Grove State: IL Zip: 60515
Phone: 630-816-9439 Fax: ☐ Fax Report
Email Address: tdaniels@uas1.com
Project ID / Location: SD #225 Glenbrook North HS
Project Manager (Report to): Thad Daniels
Sample Collector(s): Thad Daniels

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: (Required) ☑ None/Info only
☐ LUST ☐ SRP ☐ SDWA
☐ 503 Sludge ☐ NPDES ☐ MWRDGC
☐ Disposal ☐ Other *Please specify in comment section below.

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

Page 2 of 2
PO No.: 1699192-01
Shipping Method: Hand
QC Reporting Level ☐ ☐ ☐

LAB USE ONLY
SLI Order No.: 1604B97
Sample containers supplied by customer? ☐ Y
Temperature of Received Samples: 0 °C
Samples received within 24 hours of collection? ☐ Ye

Page 14 of 14

	SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Lead	Copper	R	Condition	Split	LAB #
1	#GBN-13 F108 Sink	4/18/16	5:30 AM	DW	GRAB	1	1L P	None	X	X				13A
2	#GBN-14 Auditorium DWF	4/18/16	5:35 AM	DW	GRAB	1	1L P	None	X	X				
3	#GBN-15 Music Hall DWF	4/18/16	5:40 AM	DW	GRAB	1	1L P	None	X	X				
4	#GBN-16 Nurse's Office Sink	4/18/16	5:45 AM	DW	GRAB	1	1L P	None	X	X				
5	#GBN-17 Counselor's Office Sink	4/18/16	5:50 AM	DW	GRAB	1	1L P	None	X	X				
6	#GBN-18 Athletic Hallway DWF	4/18/16	5:55 AM	DW	GRAB	1	1L P	None	X	X				
7	#GBN-19 Fitness Center DWF	4/18/16	6:00 AM	DW	GRAB	1	1L P	None	X	X				
8	#GBN-20 Entrance 5 Hallway DWF	4/18/16	6:05 AM	DW	GRAB	1	1L P	None	X	X				
9	#GBN-21 Field House DWF	4/18/16	6:10 AM	DW	GRAB	2	0.5L P	None	X	X				
10	#GBN-22 Old Pool DWF	4/18/16	6:15 AM	DW	GRAB	2	0.5L P	None	X	X				V
11	#GBN-23 Consessions Sink	4/18/16	6:20 AM	DW	GRAB	2	0.5L P	None	X	X				23A
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: H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

Please provide copy of COC with Final Report.

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	Date	2. Relinquished By	Date	3. Relinquished By	Date	4. Relinquished By	Date
	4/18/16						
Received By	Time / Ice	Received By	Time / Ice	Received By	Time / Ice	Received By	Time / Ice
258	2:00						

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