LEAD IN DRINKING WATER TESTING

At

JEFFERSON SCHOOL
4315 CARDWELL DRIVE
ST. LOUIS, MISSOURI 63121

Prepared for

NORMANDY SCHOOLS COLLABORATIVE
3855 LUCAS AND HUNT ROAD
ST. LOUIS, MISSOURI 63121

Submitted by:

PROFESSIONAL SERVICE INDUSTRIES, INC.
11826 BORMAN DRIVE
ST. LOUIS, MISSOURI 63146

PSI PROJECT #0029-6396

August 30, 2024

Intertek-PSI
11826 Borman Drive
St. Louis, Missouri 63146

Tel +1 314 432 8073
intertek.com/building

August 30, 2024

Normandy Schools Collaborative
3855 Lucas and Hunt Road
St. Louis, Missouri 63121

Attn: Mr. Mark Kennedy, Facilities Services
Email: mark.kennedy@normandysc.org

Re: **Report for Lead in Drinking Water Testing**
Jefferson School
4315 Cardwell Drive
St. Louis, Missouri 63121
PSI Project Number: 0029-6396

Dear Mr. Kennedy:

In accordance with our agreement, Professional Service Industries, Inc. (PSI), an Intertek Company, performed Lead in Drinking Water Testing at Normandy Schools Collaborative's Jefferson School located at 4315 Cardwell Drive in St. Louis, Missouri.

BACKGROUND

On June 30, 2022, Senate Bill 681 was signed and became effective on August 28, 2022. Section 160.077 of this Bill, "Get the Lead Out of School Drinking Water Act", requires school districts to inventory, create a plan, and to test drinking water sources for lead. PSI understands that Normandy Schools Collaborative (NSC) has requested lead in drinking water testing of drinking water outlets/high priority potable water sources at Jefferson School. According to Missouri Senate Bill 681 Section 160.077, drinking water outlets are defined as potable water fixtures that are used for drinking or food preparation, which also includes water sources used for cooking and/or for cleaning cooking and eating utensils. According to the Environmental Protection Agency (EPA), high priority potable water sources may include drinking fountains, water coolers, kitchen sinks, classroom combination sinks/drinking fountains, home economic rooms, teacher lounge sinks, nurse's office sinks, special needs classroom sinks, ice-makers, and any sink known to be or visibly used for consumption. It should be noted that in July 2024, PSI performed walkthrough evaluations to identify (inventory) these drinking water outlets/high priority potable water sources throughout the school district. Due to the passing of Missouri Senate Bill 681 Section 160.77, and the increased awareness for the potential of lead in drinking water, PSI was contacted to perform Lead in Drinking Water Testing within the facility in general accordance with Missouri Senate Bill 681 Section 160.077 and the EPA's 3T's for Reducing Lead in Drinking Water in Schools and Child Care Facilities – Revised Manual (Oct. 2018).

PURPOSE

The purpose of the lead in drinking water testing was to determine the lead concentrations in drinking water outlets/high priority potable water sources and to identify any source exceeding Missouri Senate Bill 681 Section 160.77 set action level of less than 5 parts per billion (PPB).

SCOPE OF SERVICES

PSI performed a walk-through evaluation of Jefferson School. The general evaluation consisted of a visual evaluation, identification of the drinking water outlets/high priority water sources (based on information provided from the July 2024 inventory evaluation), flushing of the water sources, and water sampling utilizing "first draw" methods.

Lead in Drinking Water Testing

The evaluation included visual observations of subject property grounds and drinking water outlets/high priority potable water source areas within the facility. The following elements were performed during the evaluation.

Lead in Drinking Water Testing

As required in Senate Bill 681 Section 160.077, PSI performed Lead in Drinking Water Testing utilizing initial "first draw" methods. A "first draw" sample is defined as the first two-hundred-fifty milliliter (250mL) sample to come out of the tap after an 8-hour period of inactivity, but no more than 18-hours. In order to successfully accomplish sampling within this time frame, PSI personnel flushed each water source the night before, and attached appropriate signage to prevent others from using the sources prior to the sampling event.

After each water source was flushed and was within the required sampling time frame, PSI arrived at the site to collect the water samples. On August 6, 2024, a total of seventeen (17) lead in drinking water samples were collected from drinking water outlets/high priority water sources within Jefferson School.

Water samples were collected by experienced PSI environmental personnel. Following Missouri Senate Bill 681 Section 160.77 and the EPA's 3T's for Reducing Lead in Drinking Water in Schools – Revised Technical Guidance, samples were collected in laboratory supplied 250-mL sample containers and analyzed for lead concentration in accordance with EPA Method 200.8. The samples were submitted to Teklab, Inc.'s Laboratory in Collinsville, Illinois under proper chain-of-custody. Teklab, Inc., is a certified State of Missouri Department of Natural Resources (MDNR) Drinking Water (MO Certification #930) and National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory.

Results were compared to Missouri Senate Bill 681 Section 160.77 "Get the Lead out of School Drinking Water Act" requirements of less than 5 parts per billion (PPB) which is equivalent to micrograms per liter (ug/L). It should be noted that 15 PPB is the set Action Level for the EPA (Primary Drinking Water Standards), and the action level in which Public Water Systems such as Missouri American Water, who supplies water to the district, must abide.

AUTHORIZATION

Authorization to perform this work was given by Mr. Willie Robinson of the Normandy Schools Collaborative signing PSI's Proposal # 0029-430663. Representatives of PSI performed the water sampling on August 6, 2024.

OBSERVATIONS AND ANALYTICAL RESULTS

August 6, 2024

On August 6, 2024, PSI representatives performed a walk-through evaluation of the facility and sampled the previously identified drinking water outlets/high priority water sources. A total of seventeen (17) "first draw" lead in drinking water samples were collected and submitted for laboratory analysis. Sample locations are illustrated on the attached site map(s).

Results can be referenced in the laboratory analytical report included at the end of this report. It should be noted that the analytical sensitivity for lead in drinking water analysis identified a reporting limit of 0.001 milligrams of lead per liter (mg/L) which equates to 1.0 microgram of lead per liter (ug/L) and/or 1.0 part per billion (PPB) of lead. The following table summarizes the August 6, 2024, results:

Sample ID	Source Type	Location/Room	Floor	Time Sampled	Sample Type	Results (PPB)
JS-WC-HA-2-01	WC	Hall A	2	12:58	Initial - First Draw	1.1
JS-F-215-2-02	F	Room 215	2	12:59	Initial - First Draw	<1.0
JS-WC-HA-2-03	WC	Hall A	2	13:00	Initial - First Draw	<1.0
JS-WC-HB-1-04	WC	Hall B	1	13:05	Initial - First Draw	<1.0
JS-BF-HB-1-05	BF	Hall B	1	13:06	Initial - First Draw	<1.0
JS-WC-HB-1-06	WC	Hall B	1	13:07	Initial - First Draw	<1.0
JS-BF-HB-1-07	BF	Hall B	1	13:08	Initial - First Draw	<1.0
JS-WC-HC-G-08	WC	Hall C	Ground	13:10	Initial - First Draw	<1.0
JS-WC-8-G-09	WC	Room 8	Ground	13:12	Initial - First Draw	<1.0
JS-BF-8-G-10	BF	Room 8	Ground	13:13	Initial - First Draw	<1.0
JS-WF-8A-G-11	WF	Room 8A - Left	Ground	13:17	Initial - First Draw	<1.0
JS-WF-8A-G-12	WF	Room 8A - Right	Ground	13:18	Initial - First Draw	<1.0
JS-WC-HD-G-13	WC	Hall D	Ground	13:21	Initial - First Draw	<1.0
JS-F-5-G-14	F	Room 5 - Nurse	Ground	13:23	Initial - First Draw	1.2
JS-WC-HE-G-15	WC	Hall E - Left	Ground	13:24	Initial - First Draw	<1.0
JS-WC-HE-G-16	WC	Hall E - Right	Ground	13:25	Initial - First Draw	<1.0

Sample ID	Source Type	Location/Room	Floor	Time Sampled	Sample Type	Results (PPB)
JS-BF-HE-G-17	BF	Hall E	Ground	13:26	Initial - First Draw	<1.0

Results that are regarded as elevated as compared to Missouri Bill 681 Section 160.77 “Get the Lead out of School Drinking Water Act” Required Action Level of 5 PPB, are bolded, italicized, and presented in larger print.
Source Type: Water Cooler = WC; BF = Bottle Filler; Drinking Fountain = DF; Faucet = F; Kitchen Faucet = KF; WF = Kitchen Washing Faucet; IM = Ice Maker; SN = Kitchen Spray Nozzle; PF = Pot Filler; CM = Coffee Maker; RL = Refrigerator Line
DNW = Does Not Work

CONCLUSIONS

On August 6, 2024, a total of seventeen (17) “first draw” lead in drinking water samples were collected from drinking water outlets/high priority potable water sources within Jefferson School.

Water sample results collected within Jefferson School indicated concentrations met the Missouri Senate Bill 681 Section 160.77 “Get the Lead out of School Drinking Water Act” Required Action Level of less than 5 PPB.

RECOMMENDATIONS

Based on the August 6, 2024, water sample results, it appears that the drinking water outlets/high priority potable water sources tested within Normandy Schools Collaborative’s Jefferson School located at 4315 Cardwell Drive in St. Louis, Missouri, meet Missouri Senate Bill 681 Section 160.77 “Get the Lead out of School Drinking Water Act” Required Action Level of less than 5 PPB. PSI recommends the following:

- Follow Missouri Senate Bill 681 Section 160.77 for additional requirements (i.e., reporting procedures on school website).

- Re-sample the drinking water outlets/high priority water sources throughout the facility on a minimum of every 5 years utilizing “first draw” sampling procedures.

- Properly label non-drinking water outlets/low priority water sources (bathroom faucets, custodial faucets, science classroom faucets, water fixtures not intended for drinking/consumption/food preparation, etc.) throughout the facility with appropriate signage to document and inform staff, personnel, and students that these water sources are not intended for drinking water purposes.

- If drinking water outlets/high priority water source fixtures and/or plumbing have been repaired, altered, or changed in any way since this sampling event (including drinking water outlets that did not work during this testing event), PSI recommends sampling the water source utilizing “first draw” procedures prior to regular use.

WARRANTY

PSI warrants that the findings contained herein have been prepared with the level of care and skill ordinarily exercised by professionals practicing in the community. The scope of work addressed readily accessible areas. No other warranties are implied or expressed.

USE BY THIRD PARTIES

This report was prepared pursuant the contract Normandy Schools Collaborative has with PSI. That contractual relationship included an exchange of information about the subject site that was unique and between PSI and Normandy Schools Collaborative and serves as the basis upon which this report was prepared. Because of the importance of the communication between PSI and Normandy Schools Collaborative reliance or any use of this report by anyone other than Normandy Schools Collaborative for whom it was prepared, is prohibited and therefore not foreseeable to PSI. Reliance or use by any such third party without explicit authorization in the report does not make said third party a third-party beneficiary to PSI's contract with Normandy Schools Collaborative. Any such unauthorized reliance on or use of this report, including any of its information or conclusions, will be at third party's risk. For the same reasons, no warranties or representations, expressed or implied in this report, are made to any such third party.

UNIDENTIFIED CONDITIONS

This Lead in Drinking Water Testing report has been developed to provide the client with information regarding apparent conditions relating to the subject property. Although PSI believes that the findings and conclusions provided in this report are reasonable, the evaluation is necessarily limited to the conditions observed and to the information available at the time of the work. Due to the nature of the work, there is a possibility that conditions may exist which could not be identified within the scope of the work or which were not apparent at the time of our site work. The evaluation is also limited to information available from the client at the time it was conducted. It is also possible that the testing methods employed at the time of the report may later be superseded by other methods. PSI does not accept responsibility for changes in the state of the art.

Please call with any questions you may have, or if PSI can be of additional service.

Respectfully submitted,
PROFESSIONAL SERVICE INDUSTRIES, INC.

Kevin C. Roberts
IH Project Manager

Greg Chambliss, RPIH
Principal Consultant

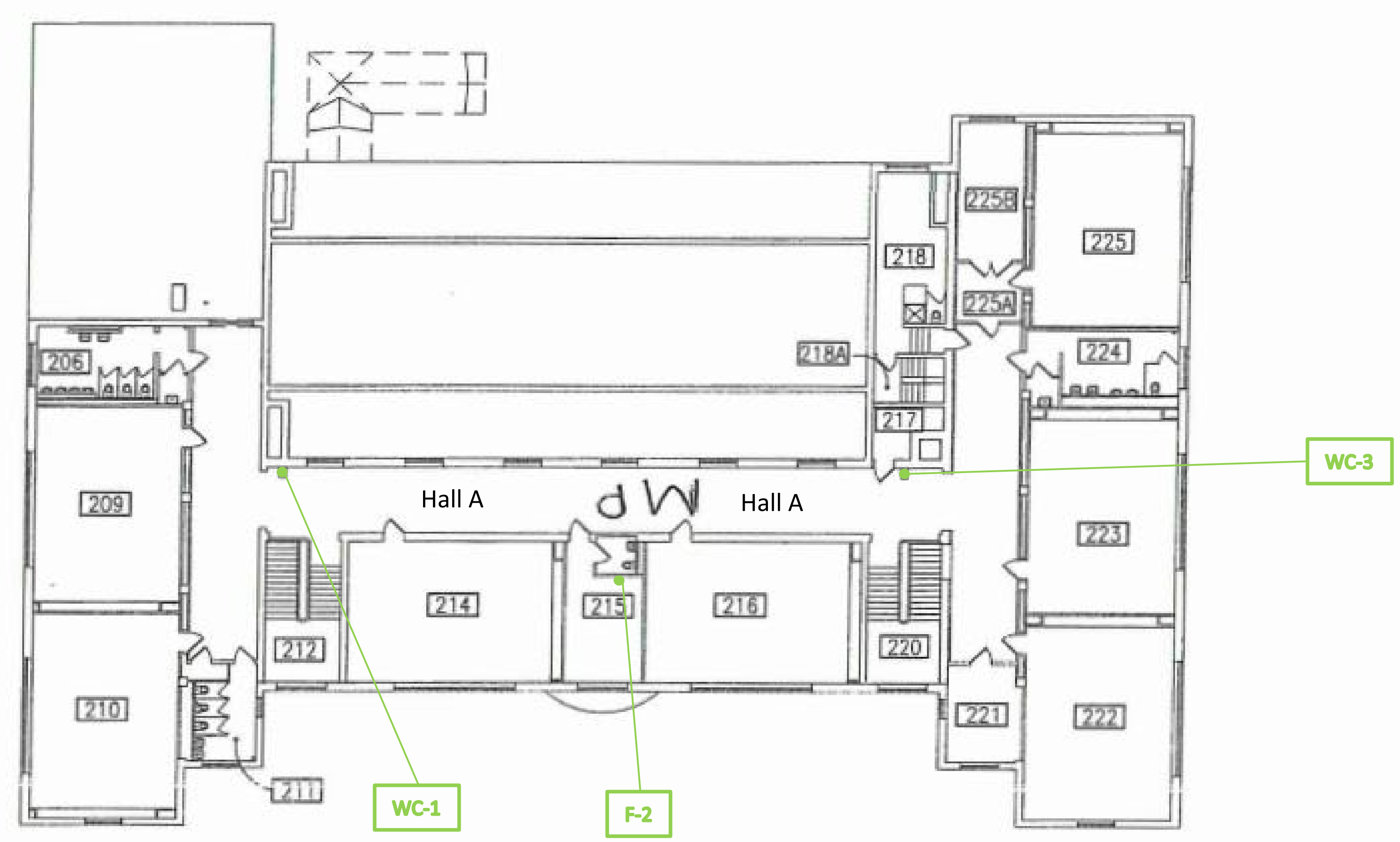
Enclosures Water Sample Location Map(s)
Laboratory Results / Certifications

Jefferson

SECOND FLOOR PLAN

0 5' 15' 30' 60'

MP = every thing on second floor



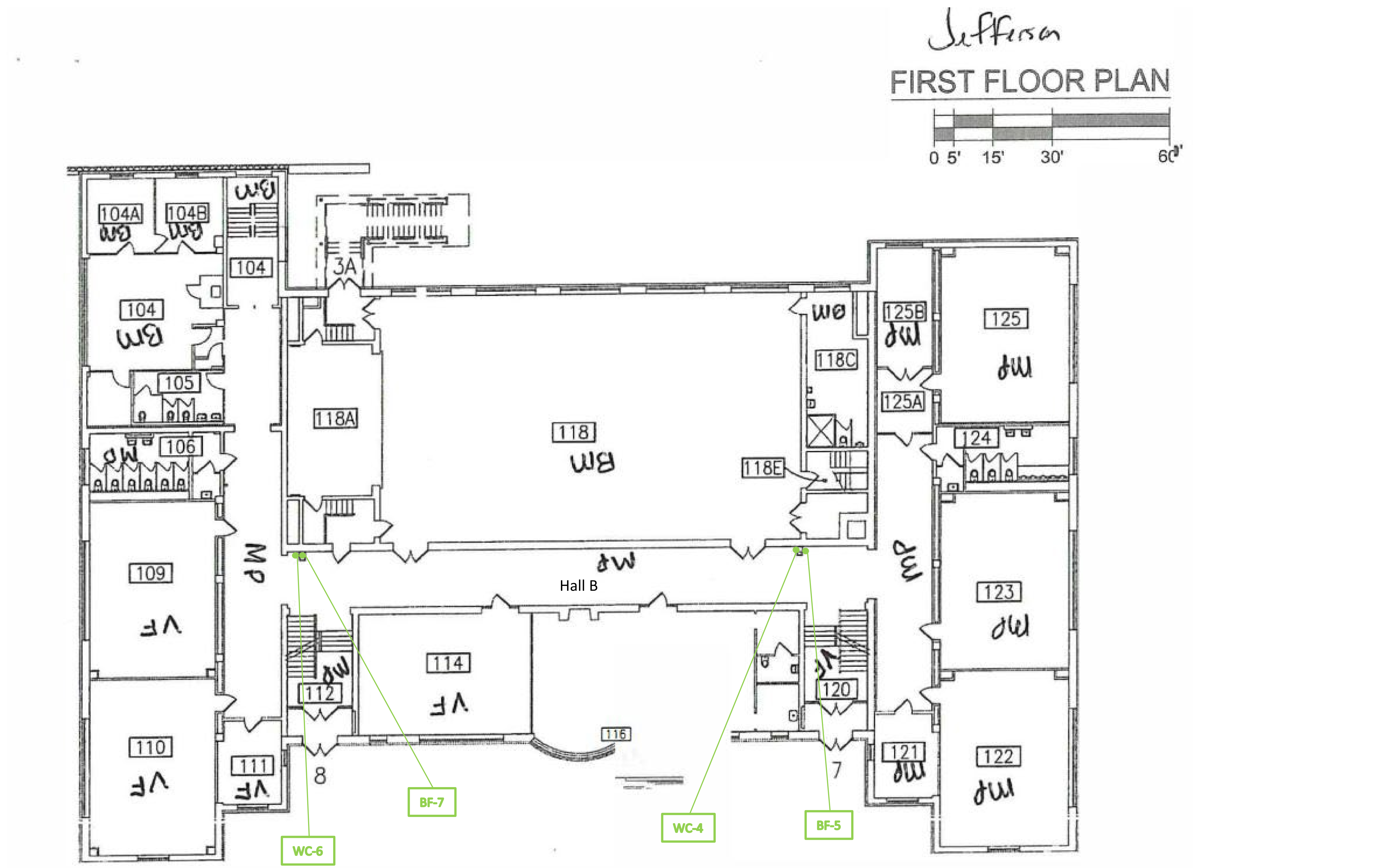
N

LEGEND

F = Faucet
WC = Water Cooler
-1 = Sample Number

● = Initial Sample Results *Below* Missouri Senate Bill 681 Section 160.077 Action Level of <5 PPB
● = Initial Sample Results *Above* Missouri Senate Bill 681 Section 160.077 Action Level of <5 PPB
● = Water Source did not work at time of sampling

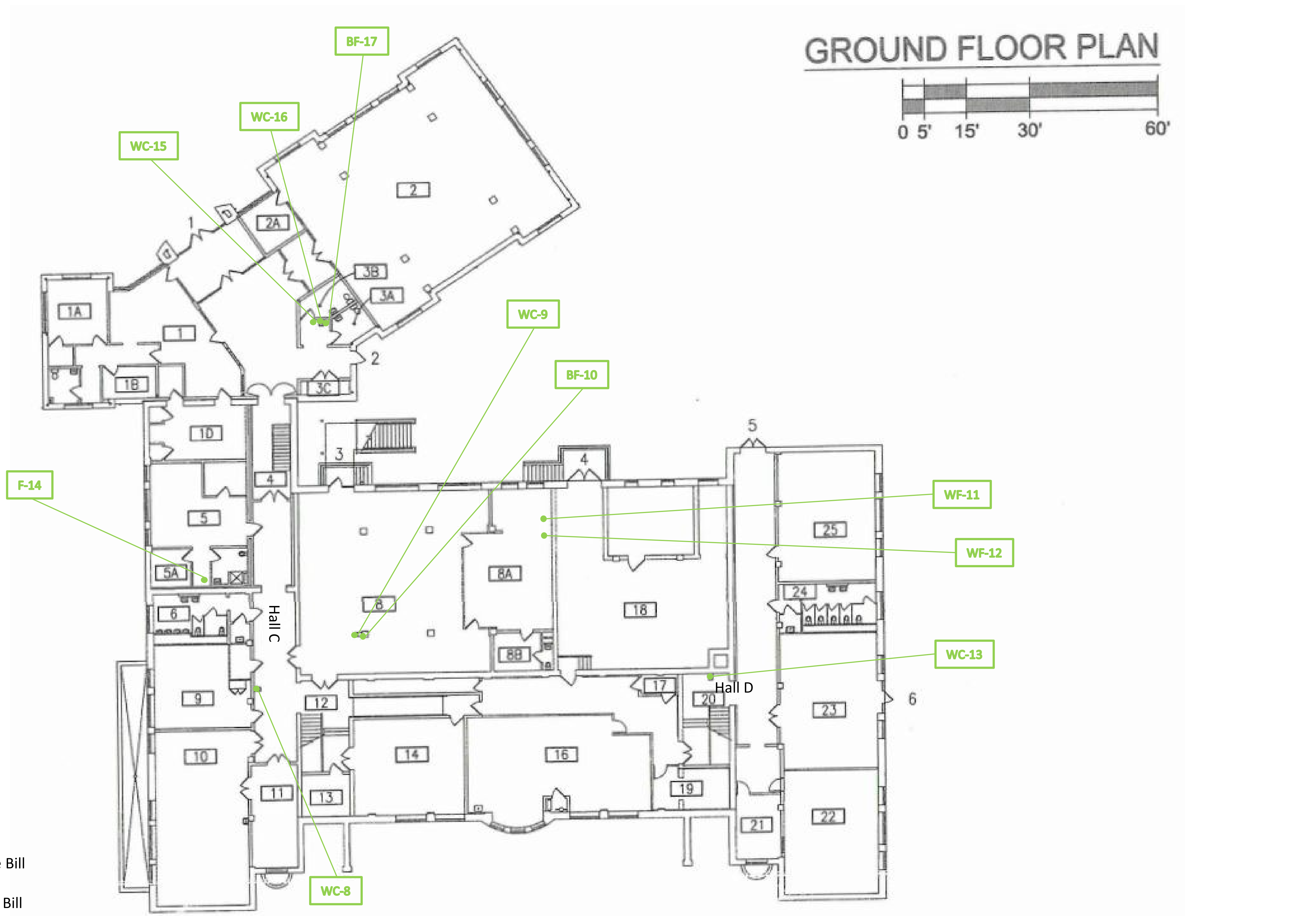
intertek psi	**Normandy Schools Collaborative** **JEFFERSON SCHOOL** **4315 Cardwell Drive, St. Louis, Missouri 63121** **Second Level**	**PSI Project No.: 0029-6396**	
		Lead in Drinking Water Sample Locations	
		Initial Sampling Date:	**Drawn, not to scale, by:**
		8/6/24	**mksk**



LEGEND
WC = Water Cooler
BF = Bottle Filler
-1 = Sample Number

● = Initial Sample Results *Below* Missouri Senate Bill 681 Section 160.077 Action Level of <5 PPB
● = Initial Sample Results *Above* Missouri Senate Bill 681 Section 160.077 Action Level of <5 PPB
● = Water Source did not work at time of sampling

intertek psi	Normandy Schools Collaborative JEFFERSON SCHOOL 4315 Cardwell Drive, St. Louis, Missouri 63121 First Level	PSI Project No.: 0029-6396	
		Lead in Drinking Water Sample Locations	
		Initial Sampling Date:	Drawn, not to scale, by:
		8/6/24	mksk



LEGEND

F = Faucet
WC = Water Cooler
BF = Bottle Filler
WF = Washing Facet in Kitchen
-1 = Sample Number

● = Initial Sample Results *Below* Missouri Senate Bill 681 Section 160.077 Action Level of <5 PPB
● = Initial Sample Results *Above* Missouri Senate Bill 681 Section 160.077 Action Level of <5 PPB
● = Water Source did not work at time of sampling

intertek psi	Normandy Schools Collaborative JEFFERSON SCHOOL 4315 Cardwell Drive, St. Louis, Missouri 63121 Ground Level	PSI Project No.: 0029-6396	
		Lead in Drinking Water Sample Locations	
		Initial Sampling Date:	Drawn, not to scale, by:
		8/6/24	mksk

August 16, 2024

Kevin Roberts
Professional Service Industries, Inc.
11826 Borman Dr
Maryland Heights, MO 63146
TEL: (314) 432-8073
FAX: (314) 432-5119

Illinois	100226
Illinois	1004652024-2
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: Normandy - Jefferson 0029-6396 **WorkOrder:** 24080630

Dear Kevin Roberts:

TEKLAB, INC received 17 samples on 8/7/2024 1:03:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Elizabeth A. Hurley

Elizabeth A. Hurley
Director of Customer Service
(618)344-1004 ex 33
ehurley@teklabinc.com

Report Contents

http://www.teklabinc.com/

Client: Professional Service Industries, Inc. **Work Order:** 24080630

Client Project: Normandy - Jefferson 0029-6396 **Report Date:** 16-Aug-24

This reporting package includes the following:

Abbr	Definition
*	Analytes on report marked with an asterisk are not NELAP accredited
CCV	Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.
CRQL	A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.
DF	Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.
DNI	Did not ignite
DUP	Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.
ICV	Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.
IDPH	IL Dept. of Public Health
LCS	Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.
LCSD	Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MBLK	Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.
MDL	"The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."
MS	Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).
MSD	Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).
MW	Molecular weight
NC	Data is not acceptable for compliance purposes
ND	Not Detected at the Reporting Limit
NELAP	NELAP Accredited
PQL	Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.
RL	The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.
RPD	Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).
SPK	The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.
Surr	Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.
TIC	Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"
TNTC	Too numerous to count (> 200 CFU)

Client: Professional Service Industries, Inc. **Work Order:** 24080630

Client Project: Normandy - Jefferson 0029-6396 **Report Date:** 16-Aug-24

Qualifiers

- # - Unknown hydrocarbon
- B - Analyte detected in associated Method Blank
- C - RL shown is a Client Requested Quantitation Limit
- E - Value above quantitation range
- H - Holding times exceeded
- I - Associated internal standard was outside method criteria
- J - Analyte detected below quantitation limits
- M - Manual Integration used to determine area response
- ND - Not Detected at the Reporting Limit
- R - RPD outside accepted recovery limits
- S - Spike Recovery outside recovery limits
- T - TIC(Tentatively identified compound)
- X - Value exceeds Maximum Contaminant Level

Client: Professional Service Industries, Inc.

Work Order: 24080630

Client Project: Normandy - Jefferson 0029-6396

Report Date: 16-Aug-24

Cooler Receipt Temp: N/A °C

Locations

Collinsville

Address	5445 Horseshoe Lake Road Collinsville, IL 62234-7425
Phone	(618) 344-1004
Fax	(618) 344-1005
Email	jhriley@teklabinc.com

Springfield

Address	3920 Pintail Dr Springfield, IL 62711-9415
Phone	(217) 698-1004
Fax	(217) 698-1005
Email	KKlostermann@teklabinc.com

Kansas City

Address	8421 Nieman Road Lenexa, KS 66214
Phone	(913) 541-1998
Fax	(913) 541-1998
Email	jhriley@teklabinc.com

Collinsville Air

Address	5445 Horseshoe Lake Road Collinsville, IL 62234-7425
Phone	(618) 344-1004
Fax	(618) 344-1005
Email	EHurley@teklabinc.com

Chicago

Address	1319 Butterfield Rd. Downers Grove, IL 60515
Phone	(630) 324-6855
Fax	
Email	arenner@teklabinc.com

Client: Professional Service Industries, Inc. **Work Order:** 24080630

Client Project: Normandy - Jefferson 0029-6396 **Report Date:** 16-Aug-24

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IEPA	100226	NELAP	1/31/2025	Collinsville
Illinois	IEPA	1004652024-2	NELAP	4/30/2025	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2025	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2025	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2025	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2024	Collinsville
Arkansas	ADEQ	88-0966		3/14/2025	Collinsville
Illinois	IDPH	17584		5/31/2025	Collinsville
Iowa	IDNR	430		6/1/2026	Collinsville
Kentucky	UST	0073		1/31/2025	Collinsville
Mississippi	MSDH			4/30/2025	Collinsville
Missouri	MDNR	930		1/31/2025	Collinsville
Missouri	MDNR	00930		10/31/2026	Collinsville

Teklab, Inc. Environmental Laboratory

Laboratory Results

http://www.teklabinc.com/

Client: Professional Service Industries, Inc.
Client Project: Normandy - Jefferson 0029-6396
Matrix: DRINKING WATER

Work Order: 24080630
Report Date: 16-Aug-24

Sample ID	Client Sample ID	Certification	Qual	RL	Result	Units	DF	Date Analyzed	Date Collected
EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)									
Lead									
24080630-001A	JS-WC-HA-2-01	NELAP		1.0	**1.1**	µg/L	1	08/12/2024 20:30	08/06/2024 12:58
24080630-002A	JS-F-215-2-02	NELAP		1.0	**< 1.0**	µg/L	5	08/15/2024 23:16	08/06/2024 12:59
24080630-003A	JS-WC-HA-2-03	NELAP		1.0	**< 1.0**	µg/L	1	08/12/2024 20:34	08/06/2024 13:00
24080630-004A	JS-WC-HB-1-04	NELAP		1.0	**< 1.0**	µg/L	1	08/12/2024 20:37	08/06/2024 13:05
24080630-005A	JS-BF-HB-1-05	NELAP		1.0	**< 1.0**	µg/L	1	08/12/2024 20:41	08/06/2024 13:06
24080630-006A	JS-WC-HB-1-06	NELAP		1.0	**< 1.0**	µg/L	1	08/12/2024 20:56	08/06/2024 13:07
24080630-007A	JS-BF-HB-1-07	NELAP		1.0	**< 1.0**	µg/L	1	08/12/2024 20:59	08/06/2024 13:08
24080630-008A	JS-WC-HC-G-08	NELAP		1.0	**< 1.0**	µg/L	1	08/12/2024 21:03	08/06/2024 13:10
24080630-009A	JS-WC-8-G-09	NELAP		1.0	**< 1.0**	µg/L	1	08/12/2024 21:07	08/06/2024 13:12
24080630-010A	JS-BF-8-G-10	NELAP		1.0	**< 1.0**	µg/L	1	08/12/2024 21:18	08/06/2024 13:13
24080630-011A	JS-WF-8A-G-11	NELAP		1.0	**< 1.0**	µg/L	5	08/15/2024 23:30	08/06/2024 13:17
24080630-012A	JS-WF-8A-G-12	NELAP		1.0	**< 1.0**	µg/L	1	08/12/2024 21:21	08/06/2024 13:18
24080630-013A	JS-WC-HD-G-13	NELAP		1.0	**< 1.0**	µg/L	1	08/12/2024 21:25	08/06/2024 13:21
24080630-014A	JS-F-5-G-14	NELAP		1.0	**1.2**	µg/L	1	08/12/2024 21:29	08/06/2024 13:23
24080630-015A	JS-WC-HE-G-15	NELAP		1.0	**< 1.0**	µg/L	1	08/12/2024 21:43	08/06/2024 13:24
24080630-016A	JS-WC-HE-G-16	NELAP		1.0	**< 1.0**	µg/L	1	08/12/2024 21:47	08/06/2024 13:25
24080630-017A	JS-BF-HE-G-17	NELAP		1.0	**< 1.0**	µg/L	1	08/12/2024 21:50	08/06/2024 13:26

Teklab Inc.
Environmental Laboratory

Receiving Check List

http://www.teklabinc.com/

Client: Professional Service Industries, Inc. **Work Order:** 24080630

Client Project: Normandy - Jefferson 0029-6396 **Report Date:** 16-Aug-24

Carrier: John Duarte **Received By:** NR

Completed by: **On:** 07-Aug-24 Amber Dilallo

Reviewed by: **On:** 07-Aug-24 Ellie Hopkins

Pages to follow: Chain of custody 2 Extra pages included 0

Shipping container/cooler in good condition?	Yes	☑	No	☐	Not Present	☐	Temp °C		N/A	
Type of thermal preservation?	None	☑	Ice	☐	Blue Ice	☐	Dry Ice			☐
Chain of custody present?	Yes	☑	No	☐						
Chain of custody signed when relinquished and received?	Yes	☑	No	☐						
Chain of custody agrees with sample labels?	Yes	☑	No	☐						
Samples in proper container/bottle?	Yes	☑	No	☐						
Sample containers intact?	Yes	☑	No	☐						
Sufficient sample volume for indicated test?	Yes	☑	No	☐						
All samples received within holding time?	Yes	☑	No	☐						
Reported field parameters measured:	Field	☐	Lab	☐	NA	☑				
Container/Temp Blank temperature in compliance?	Yes	☑	No	☐						

When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.

Water – at least one vial per sample has zero headspace?	Yes	☐	No	☐	No VOA vials	☑
Water - TOX containers have zero headspace?	Yes	☐	No	☐	No TOX containers	☑
Water - pH acceptable upon receipt?	Yes	☑	No	☐	NA	☐
NPDES/CWA TCN interferences checked/treated in the field?	Yes	☐	No	☐	NA	☑

Any No responses must be detailed below or on the COC.

Samples were checked for turbidity and then preserved with nitric acid upon arrival in the laboratory.

CHAIN OF CUSTODY

pg. 1 of 2 Work order # 24080630

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

Client: Professional Service Industries, Inc.
Address: 11826 Borman Dr
City / State / Zip: Maryland Heights, MO 63146
Contact: Kevin Roberts **Phone:** (314) 432-8073
E-Mail: kevin.roberts@intertek.com **Fax:**

Samples on: ☐ ICE ☐ BLUE ICE ☒ NO ICE N/A °C LTG#
Preserved in: ☒ LAB ☐ FIELD **FOR LAB USE ONLY**
Lab Notes

Client Comments: TEKLAB Courier

Are these samples known to be involved in litigation? If yes, a surcharge will apply ☐ Yes ☒ No
Are these samples known to be hazardous? If yes, include details of the hazard. ☐ Yes ☒ No
Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in the comment section. ☐ Yes ☒ No

Project Name/Number: Normandy - Jefferson 0029-6396
Sample Collector's Name: MK /DI

Results Requested: ☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other ____ ☐ 3 Day (50% Surcharge)
Billing Instructions

Lab Use Only	Sample Identification	Date/Time Sampled	UNPRES	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	OTHER	Aqueous	Drinking Water	Soil	Sludge	Special Waste	Groundwater	Lead
24080630 001	JS-WC-HA-2-01	8/6/24 - 12:58	1									✓					✓
002	JS-F-215-2-02	- 12:59	1									✓					✓
003	JS-WC-HA-2-03	- 13:00	1									✓					✓
004	JS-WC-HB-1-04	- 1305	1									✓					✓
005	JS-BF-HB-1-05	- 13:06	1									✓					✓
006	JS-WC-HB-1-06	- 13:07	1									✓					✓
007	JS-BF-HB-1-07	- 13:08	1									✓					✓
008	JS-WC-HC-G-08	- 13:10	1									✓					✓
009	JS-WC-8-G-09	- 13:12	1									✓					✓
010	JS-BF-8-G-10	- 13:13	1									✓					✓

Relinquished By	Date/Time	Received By	Date/Time
Dennis Ida	8/6/24 16:11	[signature]	8/7/24 / 1042
[signature]	8/7/24 / 1303	Nick Reed	8/7/24 1303

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 92103

CHAIN OF CUSTODY

pg. 2 of 2 Work order # 24080630

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

Client: Professional Service Industries, Inc.
Address: 11826 Borman Dr
City / State / Zip: Maryland Heights, MO 63146
Contact: Kevin Roberts   Phone: (314) 432-8073
E-Mail: kevin.roberts@intertek.com   Fax:

Samples on: ☐ ICE ☐ BLUE ICE ☐ NO ICE ____ °C LTG#
Preserved in: ☐ LAB ☐ FIELD   **FOR LAB USE ONLY**
Lab Notes

Client Comments:

Are these samples known to be involved in litigation? If yes, a surcharge will apply ☐ Yes ☒ No
Are these samples known to be hazardous? If yes, include details of the hazard. ☐ Yes ☒ No
Are there any required reporting limits to be met on the requested analysis? If yes, please provide limits in the comment section. ☐ Yes ☒ No

Project Name/Number: Normandy - Jefferson 0029-6396

Sample Collector's Name: MK / DI

Results Requested: ☒ Standard ☐ 1-2 Day (100% Surcharge) ☐ Other ____ ☐ 3 Day (50% Surcharge)

Billing Instructions:

Lab Use Only	Sample Identification	Date/Time Sampled	UNPRES	HNO3	NaOH	H2SO4	HCL	MeOH	NaHSO4	OTHER	Aqueous	Drinking Water	Soil	Sludge	Special Waste	Groundwater	Lead
24080630 011	JS-WF-8A-G-11	8/6/24 - 13:17	1									V					V
012	JS-WF-8A-G-12	- 13:18	1									V					V
013	JS-WC-HD-G-13	- 13:21	1									V					V
014	JS-F-5-G-14	- 13:23	1									V					V
015	JS-WC-HE-G-15	- 13:24	1									V					V
016	JS-WC-HE-G-16	- 13:25	1									V					V
017	JS-BF-HE-G-17	- 13:26	1									V					V

Relinquished By	Date/Time	Received By	Date/Time
Dennis Idy	8/6/24 16:11	[signature]	8/7/24 1042
[signature]	8/7/24 1303		

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 92103

State of Missouri
Department of Natural Resources

Certificate of Approval
for Chemical Laboratory Service

This is to certify that

Teklab, Incorporated

is hereby approved to perform the analysis of drinking water as specified on the Certified Parameter List, which must accompany this certificate to be valid.

Certification Number 930

Date Issued December 13, 2021

Expiration Date January 31, 2025

Laboratory Certification Authority, Public Drinking Water Branch
Missouri Department of Natural Resources

Laboratory Certification Officer, Environmental Services Program
Missouri Department of Natural Resources

MISSOURI DEPARTMENT OF NATURAL RESOURCES

DRINKING WATER LABORATORY

CERTIFIED PARAMETER LIST

This is to certify that

Teklab, Incorporated

located at

5445 Horseshoe Lake Road, Collinsville, IL 62234

has been approved to perform the indicated procedures on drinking water under the Missouri Public Drinking Water Regulations (10 CSR 60-5.020). Specific method numbers or references are included in parenthesis when appropriate.

INORGANIC

EPA 335.4
Total Cyanide

EPA 353.2
Nitrate, Nitrite, Total Nitrate and Nitrite

EPA 245.1
Mercury

EPA 200.7
Barium, Beryllium, Cadmium, Chromium, Copper, Nickel

EPA 200.8
Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Copper, Lead, Nickel, Selenium, Thallium

SM4500F-C
Fluoride

SM4500NO2-B
Nitrite

Teklab, Incorporated

Expiration Date: January 31, 2025

Missouri Certificate No.: 930

Original Certifying State: Illinois