SD308
COMMUNITY UNIT SCHOOL DISTRICT

October 5, 2016

Katie Drews
Investigator
Better Government Association
223 West Jackson, Suite 900
Chicago, IL 60606
312-821-9027

VIA EMAIL – kdrews@bettergov.org

Re: FOIA Request Dated September 15, 2016 and received September 16, 2016

Subject: A request regarding copies of:

- Records showing results of any and all lead testing of water sources at district schools from August 1, 2011 to the present. Please also provide details of the lead testing, including — but not limited to — who performed the testing and how it was completed.
- Any and all communication including — but not limited to — emails, letters, memos and meeting minutes about lead testing of water sources at district schools from Jan. 1, 2016 to today. Please be sure to include communication that was sent to parents, as well as records showing any and all discussion among staff, board members, vendors and others. any and all purchasing records from 2016-02-18 to current.

Dear Ms. Drews:

This letter will serve as Community Unit School District 308's response to your September 15, 2016 request under the Freedom of Information Act (5 ILCS 140/1 et seq.), in which you asked for the above referenced information. The information responsive to your request is attached.

To promote district transparency and assist others who may have a similar question, this responsive document will be posted online on the district's website. To access it, go to www.sd308.org and select *Our District > Freedom of Information Act Request > FOIA Request Responses, then select FOIA ID #16-28.*

Please be advised that to comply with your FOIA request, the district incurred the expense of **$378.28** comprised of the cost of labor and resources used to search for records responsive to your request. You are not legally required to reimburse the district for the amount incurred.

Please let me know if you have additional questions. Thank you.

Brian Graves
Freedom of Information Officer

SD308 COMMUNITY UNIT SCHOOL DISTRICT

Robert Allison <rallison@sd308.org>

RE: Testing

Bob Anderson <banderson@hygieneeringinc.onmicrosoft.com> Wed, Sep 14, 2016 at 9:04 AM
To: Robert Allison <rallison@sd308.org>

Rob…I got a call that the 2 samples we took Monday passed for Lead and Copper….Thanks Bob

From: Robert Allison [mailto:rallison@sd308.org]
Sent: Sunday, September 11, 2016 7:24 PM
To: Bob Anderson <banderson@HygieneeringInc.onmicrosoft.com>
Subject: Re: Testing

Ok. See you there.

On Sunday, September 11, 2016, Bob Anderson <banderson@hygieneeringinc.onmicrosoft.com> wrote:

> Rob let's meet at 7:30 am at Churchill
>
> Sent from my Verizon 4G LTE smartphone
>
> -------- Original message --------
> From: Robert Allison <rallison@sd308.org>
> Date: 9/10/16 11:27 AM (GMT-06:00)
> To: Bob Anderson <banderson@HygieneeringInc.onmicrosoft.com>
> Subject: Testing
>
> Bob,
>
> Danny will be out of the office tomorrow so I will need to meet you Monday. Can you confirm what building you want to test again?
>
> Thanks.
>
> Rob.
>
> --
>
> *"The best way to find yourself is to lose yourself in the service of others." - Mahatma Gandhi*

Rob Allison - Assistant Director, SD308 Operations

71 Stonehill Rd.

Oswego, Il. 60543

Office: 630-636-3190

Cell: 630-401-7887

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"The best way to find yourself is to lose yourself in the service of others." - Mahatma Gandhi

Rob Allison - Assistant Director, SD308 Operations

71 Stonehill Rd.

Oswego, Il. 60543

Office: 630-636-3190

Cell: 630-401-7887

SD308
COMMUNITY UNIT
SCHOOL DISTRICT

Robert Allison <rallison@sd308.org>

Proposal

Robert Allison <rallison@sd308.org> Thu, Jul 7, 2016 at 12:14 PM
To: "Anderson, Bob" <banderson@hygieneering.com>

Bob,

I've been asked to provide a timeline on the lead testing. Can you advise your earliest start date and when we can expect results back when you provide the quote? Also, I'm assuming the quote will include the cost of both labor for pulling samples and lab work?

Thanks.

Rob.

"The best way to find yourself is to lose yourself in the service of others." - Mahatma Gandhi

Rob Allison - Assistant Director, SD308 Operations
71 Stonehill Rd.
Oswego, Il. 60543
Office: 630-636-3190
Cell: 630-401-7887

SD308 COMMUNITY UNIT SCHOOL DISTRICT

Robert Allison <rallison@sd308.org>

Proposal

Robert Allison <rallison@sd308.org> Mon, Jul 11, 2016 at 3:06 PM
To: "Anderson, Bob" <banderson@hygieneering.com>
Cc: Michael Barr <mbarr@sd308.org>, Danny Kenyon <dkenyon@sd308.org>, Kathleen DeRose <kderose@sd308.org>, Deborah Nervis <dnervis@sd308.org>

Bob,

Attached please find the signed proposal. Please let me know what the testing schedule looks like so we can alert the buildings and insure your team has access.

Thanks.

Rob.

"The best way to find yourself is to lose yourself in the service of others." - Mahatma Gandhi

Rob Allison - Assistant Director, SD308 Operations
71 Stonehill Rd.
Oswego, Il. 60543
Office: 630-636-3190
Cell: 630-401-7887

Lead testing.pdf
409K

SD308 COMMUNITY UNIT SCHOOL DISTRICT

Robert Allison <rallison@sd308.org>

potable water testing

Robert Allison <rallison@sd308.org> Tue, Jul 12, 2016 at 7:54 AM
To: Building Engineers <buildingengineers@sd308.org>, AllPrincipals <allprincipals@sd308.org>, AllAsstPrincipals <allasstprincipals@sd308.org>, Gladys Martinez <gmartinez@sd308.org>
Cc: Danny Kenyon <dkenyon@sd308.org>, Deborah Nervis <dnervis@sd308.org>, Eugene Weiss <gweiss@sd308.org>, Kathleen DeRose <kderose@sd308.org>, Marianne Hosp <mrohrer01@sd308.org>, Michael Barr <mbarr@sd308.org>, Steve Weaver <sweaver@sd308.org>, Carrie Szambelan <cszambelan@sd308.org>

Good morning,

Please be advised we have approved Hygineering to perform lead content testing at all of our facilities. They will sample the incoming supply, and up to 4 additional sources (fountains) in each building. I am waiting on their schedule, but have advised them we want this testing done asap. This is a *proactive* approach to the reports that have been coming in about possible lead exposure in other districts. This in *not a reactionary* approach to a known issue.

We will provide a schedule as soon as it becomes available. If you have any questions, please let me know.

Have a great day.

Rob.

"The best way to find yourself is to lose yourself in the service of others." - Mahatma Gandhi

Rob Allison - Assistant Director, SD308 Operations
71 Stonehill Rd.
Oswego, Il. 60543
Office: 630-636-3190
Cell: 630-401-7887

SD308 COMMUNITY UNIT SCHOOL DISTRICT

Robert Allison <rallison@sd308.org>

Lead testing

Robert Allison <rallison@sd308.org> Mon, Aug 8, 2016 at 11:13 AM
To: "Anderson, Bob" <banderson@hygieneering.com>

Bob,

Where are we with the lead testing? Leadership is asking for an update.

Thanks.

Rob.

--
"The best way to find yourself is to lose yourself in the service of others." - Mahatma Gandhi

Rob Allison - Assistant Director, SD308 Operations
71 Stonehill Rd.
Oswego, Il. 60543
Office: 630-636-3190
Cell: 630-401-7887

SD308 COMMUNITY UNIT SCHOOL DISTRICT

Robert Allison <rallison@sd308.org>

Lead testing

Robert Allison <rallison@sd308.org> Thu, Jun 23, 2016 at 6:41 AM
To: "Zeidner, David" <dzeidner@hygieneering.com>

David,

I've been asked to consider testing our facilities water supply for lead, no doubt in response to recent concerns in other communities. Can you advise if this is something Hygieneering would do, and if so, what would be the process and cost to the district? Remediation, I assume, would follow as needed.

I appreciate your time and consideration.

Rob.

"The best way to find yourself is to lose yourself in the service of others." - Mahatma Gandhi

Rob Allison - Assistant Director, SD308 Operations
71 Stonehill Rd.
Oswego, Il. 60543
Office: 630-636-3190
Cell: 630-401-7887

SD308 COMMUNITY UNIT SCHOOL DISTRICT

Robert Allison <rallison@sd308.org>

Lead testing

Robert Allison <rallison@sd308.org> Mon, Aug 15, 2016 at 1:43 PM
To: "Zeidner, David" <dzeidner@hygieneering.com>

David,

Have the results for the lead testing been finalized and sent? I apologize if they have and you sent them. It's been a crazy week and I haven't had time to run through all my email yet. District leadership is asking.

Thanks.

Rob.

--
"The best way to find yourself is to lose yourself in the service of others." - Mahatma Gandhi

Rob Allison - Assistant Director, SD308 Operations
71 Stonehill Rd.
Oswego, Il. 60543
Office: 630-636-3190
Cell: 630-401-7887

SD308 COMMUNITY UNIT SCHOOL DISTRICT

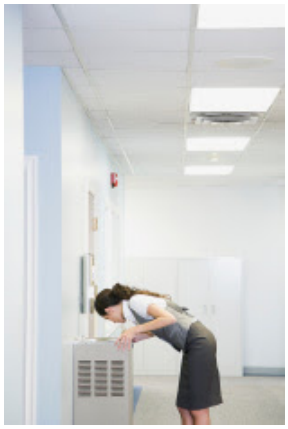
Robert Allison <rallison@sd308.org>

Hygieneering Water Testing Services

Bob Anderson <banderson@hygieneering.com>
Reply-To: banderson@hygieneering.com
To: rallison@sd308.org

Thu, Feb 4, 2016 at 12:19 PM

Are You Drinking Healthy Water?



Is Your Facility's Distribution System Contaminating the Water?

Hygieneering's drinking water quality testing services include typical contaminants of concern by building occupants and the EPA.

- Hygieneering will select appropriate potable water sampling locations for testing.
- Hygieneering will review the risk factors for water quality in your facility and recommend sampling parameters that may include:
  - Total coliform
  - Metals such as lead, cadmium, iron, antimony and copper
  - Asbestos
  - Chlorine (free and total residual)
  - Total hardness (CaCO3)
  - Nitrates and nitrites
  - Alkalinity and pH
- Analytical results will be compared to the Environmental Protection Agency's (EPA) National Primary Drinking Water Regulations (NPDWR) or Primary Standards.
- Professional report of results and recommendations.

For more info, contact Bob Anderson at banderson@hygieneering.com.

Related: Flint, Michigan Drinking Water Response

Hygieneering, Inc.
Environmental, Health & Safety Consulting Services

www.hygieneering.com

Hygieneering, 7575 Plaza Court, Willowbrook, IL 60527

SD308 COMMUNITY UNIT SCHOOL DISTRICT

Robert Allison <rallison@sd308.org>

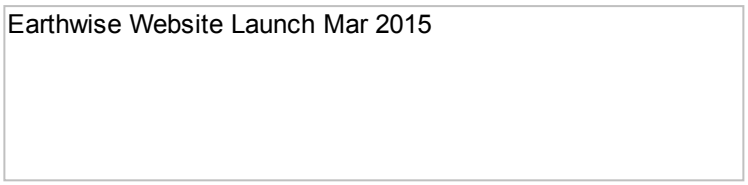
Fwd: Lead/Copper Testing

Koepke, Chris <ckoepke@earthwiseenvironmental.com> Thu, Jun 30, 2016 at 3:13 PM
To: Robert Allison <rallison@sd308.org>

FYI

Sent from my iPhone - please excuse typos

Chris Koepke
Vice President of Corporate Accounts
Office: 630.475.3070
Cell: 630.774.0419



Begin forwarded message:

From: "McLaughlin, Larry" <lmclaughlin@earthwiseenvironmental.com>
Date: June 28, 2016 at 11:21:01 AM CDT
To: Earthwise <earthwise@earthwiseenvironmental.com>
Subject: Lead/Copper Testing

Group,

Lead testing is becoming a hot topic. We can retrieve the samples ourselves (charge 3x our cost), bring them to the lab and write the follow up…or we can let the client know who to contact. Many times the lab will come out and conduct the entire process.

If we do the work we will need to write a follow up letter. I have attached a template we can use which outlines the process. I've also attached the EPA guidelines for drinking water. Note the yellow highlighted items, and please read through the following at the end of the EPA document.

Copper: 1.3 ppm MAX

Lead: 0.015 ppm / Above this action needs to be taken.

- Maximum Contaminant Level Goal (MCLG) - The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety and are non-enforceable public health goals.
- Maximum Contaminant Level (MCL) - The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to MCLGs as feasible using the best available treatment technology and taking cost into consideration. MCLs are enforceable standards.

Any questions let me know.

Regards,

Larry P. McLaughlin

ANSI/ASHRAE 188-2015 Standard is now released. Check our news section on the website for the published standard. Call Earthwise to discuss how this may impact your business.

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7 attachments

image004.jpg
1K

ATT00001.htm
2K

ATT00002.htm
2K

LeadAnalysisLetter.doc
41K

ATT00003.htm
1K

EPA Table of Regulated Drinking Water Contaminants.docx
35K

ATT00004.htm
1K

SD308 COMMUNITY UNIT SCHOOL DISTRICT

Robert Allison <rallison@sd308.org>

Back flow water testing for lead

Danny Kenyon <dkenyon@sd308.org> Tue, Sep 6, 2016 at 12:20 PM
To: banderson@hygieneering.com
Cc: Maria Lopez <mlopez@sd308.org>, Darrin HM-BE-Tackitt 09 <dtackitt@sd308.org>, Michael Hosler <mhosler@sd308.org>, Robert Allison <rallison@sd308.org>

Good afternoon all:
I will be coming by today to run water through the test ports of the back flow devices at your building. We will have them tested tomorrow morning around 6:30 am
Please call me with questions.
DK

Hygieneering, Inc. 7575 Plaza Court, Willowbrook, IL 60527
Industrial hygiene, safety and environmental consulting services (630)654-2550

July 11, 2016

rallison@sd308.org

Rob Allison
Oswego Community Unit District # 308
Assistant Director, SD308 Operations
71 Stonehill Rd.
Oswego, Il. 60543

RE: Domestic Potable Water Sampling for Lead
Baseline Screening of Drinking Fountains in 24 Buildings

Dear Mr. Allison,

Thank you for the opportunity for Hygieneering, Inc. (Hygieneering) to provide professional consulting and testing services to Oswego Community Unit District # 308. Per your request, Hygieneering is pleased to provide this proposal to conduct water sampling and analysis for lead at all district buildings. As discussed, the focus of this baseline assessment is on the drinking fountains in the 24 buildings. The following outlines our approach to this project.

Scope of Work

Hygieneering will complete the following tasks during this baseline assessment:

- Hygieneering will collect up to 4 drinking water fountain samples and 1 incoming water sample for lead (first draw) at each of the district schools; a total of 24 buildings.
- Hygieneering will consult with building representatives via the phone to assist in selecting representative locations.
- We will coordinate with building representatives as necessary to ensure good communication on arrival times to the buildings.
- These samples will be taken during 4 consecutive day shifts to be determined over the summer.
- The water samples will be submitted to an Illinois drinking water accredited and certified laboratory for lead analysis on a standard 7-10 day turnaround time.
- Analytical results will be compared to the Environmental Protection Agency's (EPA) National Primary Drinking Water Regulations (NPDWR) or Primary Standards and Secondary Standards, as applicable.
- Hygieneering will prepare a report detailing field activities, laboratory analytical results and interpretation of results. One report will be provided, however, separate tables of results for each school will be included. Recommendations will be provided as necessary based on the findings.

Conditions of the Proposal

Oswego Community Unit District # 308 understands that the purpose of this assessment is for a baseline screening for lead levels at pre-determined locations selected by facility staff. It is not intended for any type of compliance purposes.

Oswego Community Unit District # 308 is responsible for providing Hygieneering with one school rep for each sampling team onsite during sampling to provide timely access to sampling areas.

Oswego Community Unit District # 308 is responsible for ensuring the pre-determined sampling sites/fixtures within the building remain un-used for at least six (6) hours prior to sampling. We request that signs be posted indicating the fixtures are out of service if the facilities are occupied and someone may use the fixture.

Oswego Community Unit District # 308 is responsible for providing updated floorplans if it is desired to have floorplans marked with exact sampling locations.

Cost of Service

Hygieneering Labor & Report Services

Hygieneering proposes to conduct the scope of work, as discussed above, for a fixed fee of $11,500.00. This includes all associated analysis fees for up to 96 water samples for lead on standard turnaround.

Authorization and Acceptance

Please review the following terms and conditions and do not hesitate to contact us with any questions. Please sign in the designated area below and e-mail me with confirmation or fax this document back to my attention at (630) 789-3813. We look forward to meeting and exceeding your professional expectations for this project's performance.

Respectfully,
Hygieneering, Inc.

Bob Anderson, CSP, CHMM
Director, Environmental Services

ACCEPTANCE BY: Oswego Community Unit District # 308

Signature	Print Name & Title	Date

Pno. 163214

HYGIENEERING, INC.
GENERAL TERMS AND CONDITIONS

1. These General Terms and Conditions are an integral part of the Proposal dated July 11, 2016 to Oswego Community Unit District # 308 (hereinafter the "Client") and supersede any and all conflicting Client Terms and Conditions

2. The term "Hygieneering" shall mean Hygieneering, Inc.

3. This proposal is valid for thirty (30) days from the date above written. Upon execution by the Client, this Proposal, including these Terms and Conditions, shall become our Agreement for Professional Services. Any additions, deletions, or changes to this Proposal or these Terms and Conditions by the Client shall be subject to an acceptance in writing prior to execution of work by Hygieneering. Allowing Hygieneering to commence work or preparation of work will constitute acceptance by Client of this proposal and all of its Terms and Conditions.

4. Client acceptance of this proposal in writing, via email, a purchase order or other mechanism, followed by client canceling or delaying work after Hygieneering has incurred costs to commence accepted work will require client to be charged and pay for such expenses incurred, regardless if the work is performed.

5. (a) The scope of the project shall be only that as is described in this Agreement and include all and only such work as Hygieneering deems necessary to carry out and complete the project. The project scope shall not be altered except by mutual agreement and proper written authorization to proceed via change order or contract modification.
   (b) Unless otherwise expressly agreed, the fees and charges for the project as set forth in this Agreement constitute and are based on Hygieneering's best estimates of time and effort required to complete the project.
   (c) The Client warrants that Hygieneering will be able to proceed with the project without delay or interruption.
   (d) For those projects involving conceptual project development work, activities are often not fully definable in the initial planning. As the project progresses, the facts uncovered may dictate a change in direction which may alter the scope. Hygieneering will inform the client of identified unusual situations so that negotiation of change in scope can be accomplished if required.
   (e) If, during the course of the prescribed work, additional services are requested, such additional scope of work and compensation shall be agreed to in writing prior to undertaking additional work. If, for any reason additional services, are requested by the Client, and Hygieneering delivers them in good faith without written authorization, Hygieneering shall be compensated in accordance with its then prevailing fee schedule or rate sheet as applicable.

6. Estimates, opinions and statement of probable construction costs prepared by Hygieneering are its best judgment as a design professional and are supplied for the general guidance of the Client. As Hygieneering has no control over the costs of labor and material, contractor bid and costing methods, or over competitive market conditions, Hygieneering cannot and does not guarantee that such estimates will not vary from contractor's bids or actual cost to the client.

7. Hygieneering shall not be responsible for a Contractor's construction means, methods, techniques, warranties, sequence or procedures, or for safety precautions and programs in or for the safety and integrity of any such Contractors; or third persons work, or for the act or omissions of any Contractor or third person, or their agents or employees

8. (a) Hygieneering makes no warranty, either expressed or implied, as to its findings, design, recommendations, plans, drawings, calculations, specifications, or professional advice except that they have been prepared in accordance with current generally accepted professional practices.
   (b) The Client shall make no demand for liquidated or actual damages for delays.
   (c) The Client will make no demand for damages resulting from loss of use or lost business opportunities due to delays.

9. Drawings, calculations, and specifications developed by Hygieneering as instruments of service for this project are and shall remain at all times the exclusive property of Hygieneering until they are paid for in full.

10. (a) Unless stated otherwise in the proposal, the Client shall pay Hygieneering as the work proceeds, with fees and other project costs invoiced as the work progresses. Terms shall be net thirty (30) days. Overdue accounts are subject to a service charge of 1.5 percent per month on the unpaid balance. This is an annual rate of 18 percent.
    (b) Invoices shall be considered correct as rendered if not questioned in writing within ten (10) calendar days of the date of the invoice.
    (c) Failure to pay any invoice when due shall entitle Hygieneering to suspend or terminate all work on the project, at its option. In the event of such suspension or termination, Client waives all rights, claims, etc., which it might otherwise have against Hygieneering as a direct or indirect result of such suspension or termination.
    (d) Should Hygieneering bring any action or proceeding at law or in equity to enforce payment of unpaid invoices, together with any and all service charges, and if Hygieneering recovers judgment in any sum, Hygieneering shall also recover as reasonable counsel fees 40 percent of the amount decreed due for principal, service charges and interest, as well as litigation and collection expenses, witness fees and court costs.

11. Hygieneering shall not be liable for an omission causing an increase in the cost of the related project which may have been a required part of the related project had Hygieneering not made the omission.

12. (a) This Agreement may be terminated by either party upon ten (10) days written notice should the other party fail substantially to perform in accordance with its terms.
    (b) In the event this Agreement is terminated, Hygieneering shall be paid its compensation for services performed to the termination date, including reimbursable expenses and termination expenses, pursuant to this paragraph.

13. (a) Neither party shall hold the other responsible for damages or delay caused by acts of God, strikes, lockouts, accidents, or other events beyond the party's control.
    (b) Hygieneering will not be responsible for special, accidental or consequential damages. Nor shall it be responsible for damage to its work caused by other parties.
    (c) Under no circumstances will Hygieneering be liable for damages of any kind in excess of the value of this agreement.

14. In the event any provisions of this agreement shall be held to be invalid and unenforceable, the remaining provisions shall be valid and binding upon the parties. One or more waivers by either party of any provisions, terms, condition, or covenant shall not be construed by the other party as a waiver of a subsequent breach of the same by the other party.

15. This Agreement shall be binding upon both parties and their respective successors, assigns, and personal representative. Neither party shall assign its or his interest in this Agreement without written consent of the other.

16. The client named on this proposal/contract agrees that Hygieneering, Inc. incurs substantial recruiting, screening, training, administrative and marketing expenses in connection with the Hygieneering, Inc. employee(s) that it will provide to deliver EHS services for this proposal/ contract. The client agrees that if the client hires, directly or indirectly, any Hygieneering, Inc. employee within 365 days of the contracted service, the client will pay $50,000 to Hygieneering, Inc.

17. Insurance Fees- A 1.8% insurance fee will be billed based on the total value of this project work. Any other special insurance requirements of the client that cost over and beyond what our extensive coverage currently offers will be billed to the client for this project work.

18. This Agreement constitutes the entire and integrated Agreement between the Client and Hygieneering, and supersedes all prior negotiations, representations or agreements, whether written or oral except as are specifically incorporated by reference. This Agreement may not be amended except by written instrument signed by Hygieneering.

19. This Agreement shall be governed by the laws of the State of Illinois.

Hygieneering, Inc.
7575 Plaza Court, Willowbrook, IL 60527
Industrial hygiene, safety and environmental consulting services
(630)654-2550

August 16, 2016

Email: rallison@sd308.org

Rob Allison
Assistant Director, SD 308 Operations
Oswego Community Unit District #308
71 Stonehill Rd.
Oswego, IL 60543

Re: Domestic Potable Water Sampling for Lead and Copper
Baseline Screening for Drinking Fountains in 23 Buildings
Hygieneering Project # 2016-2839-EA

Dear Mr. Allison:

Hygieneering, Inc. (Hygieneering) was retained by Oswego Community Unit District #308 to provide environmental testing and consulting services. Hygieneering conducted proactive potable water quality sampling at schools that comprise the Oswego School District 308. The purpose of this study was not intended for water quality compliance monitoring. The purpose of this study was to conduct proactive water quality sampling for informational purposes. Hygieneering conducted the following tasks as part of this project:

Scope of Work

Hygieneering conducted the following services:

Hygieneering collected water samples from pre-determined potable water fixtures throughout the following schools that comprise Oswego Community Unit District #308:

- Boulder Hill Elementary
- Churchill Elementary
- Brokaw Early Learning Center
- East View Elementary
- Fox Chase Elementary
- Grande Park Elementary
- Homestead Elementary
- Hunt Club Elementary School
- Lakewood Creek Elementary
- Long Beach Elementary
- Old Post Elementary
- Prairie Point Elementary
- Southbury Elementary School
- The Wheatland Elementary School
- Wolf's Crossing Elementary School
- Bednarick Junior High School
- Murphy Junior High School
- Plank Junior High School
- Thompson Junior High School
- Traughber Junior High School
- Oswego East High School
- Oswego High School
- O3C (308Center)

1. One, first draw water sample was collected from each pre-determined water fixture from each of the above referenced schools/buildings. First draw samples were collected after at least a six-hour rest period, where the fixtures and water were not utilized during that time period, as required by the Environmental Protection Agency (US EPA), Illinois Environmental Protection Agency (IEPA) and Illinois Department of Public Health (IDPH).
2. A total of one hundred fifteen (115) water samples were collected and submitted to a drinking water accredited laboratory for lead and copper analysis. Per request of the client, samples were analyzed on standard seven to ten laboratory business day's turnaround.

3. Analytical results were compared to the Environmental Protection Agency's (EPA) National Primary Drinking Water Regulations (NPDWR) or Primary Standards.
4. Hygieneering prepared this letter report documenting field activities and laboratory analytical results in comparison to EPA's Primary and/or Secondary Drinking Water Standards.

The following provides detailed information for this water assessment.

Constituent/Parameter Selection, Characteristics and Rationale

Per the request of the Oswego Community Unit District #308, Hygieneering collected water samples for laboratory analysis for lead and copper. Lead in drinking water is commonly associated with corrosion of plumbing systems or erosion of natural deposits. Copper in drinking water systems can be an indicator of corrosivity of water on piping systems, (source: United Stated Environmental Protection Agency Drinking Water Contaminants –Standards and Regulations, January 6, 2016).

Oswego Community Unit District #308 initiated this water sampling project on a proactive basis to assess its water quality.

For schools, the US EPA established a guidance document that utilizes an AL of 0.020 ppm or 20 ppb rather than the US EPA enforceable 15 ppb (source: "3Ts for Reducing Lead in Drinking Water in Schools: Revised Technical Guidance" dated 2006. This manual contains recommendations on how to address lead in school drinking water systems; these are suggestions only and are not requirements. Again, unless the facility is a PWS, there is no federal law requiring testing of drinking water in schools.

Hygieneering compared lead to the AL of 15 ppb and copper to the AL of 1300 ppb. Hygieneering compared laboratory analytical results to the Lead-Copper Rule AL for lead at 15 ppb, rather than 20 ppb since the Lead-Copper Rule AL is the US EPA's regulated concentration for lead whereas the school's AL is a value based on a guidance document not regulatory requirements. Additionally, 15 ppb is more conservative for comparison.

Reference Standards

Under the Safe Drinking Water Act (SDWA), the US EPA regulates various contaminants for drinking water via the National Primary Drinking Water Regulations (NPDWRs or Primary Standards). NPDWRs or Primary Standards are legally enforceable standards that apply to public water systems. Primary standards protect public health by limiting the levels of contaminants or disinfectants in drinking water. The threshold values of contaminants for drinking water are determined via maximum contaminant levels (MCLs) and maximum contaminant level goals (MCLGs) for the future, or by establishing treatment techniques (TT's). MCLs are the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible, and are enforceable standards. MCLGs are the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety and are non-enforceable public health goals.

Illinois has adopted all federal MCLs and has also adopted several state-only drinking water standards for which no federal MCL exists. State-only regulated contaminants may be characterized under EPA's Secondary Standards; however, the Illinois state-only drinking water standards also apply.

For some contaminants, a treatment technique (TT) is established, which is a required process intended to reduce the level of a contaminant in drinking water if the contaminant is above specific concentrations, known as the Action Level (AL). Lead and copper are addressed by what is referred to as the "Lead and Copper Rule," in which its purpose is to minimize lead and copper levels in drinking water primarily by reducing water corrosivity through treatment techniques. The LCR is a regulation that applies to lead and

copper and is required for public water systems (PWS). A PWS is defined as "a public water system provides water for human consumption through pipes or other constructed conveyances to at least 15 service connections or serves an average of at least 25 people for at least 60 days a year. A public water system may be publicly or privately owned." (source:https://www.epa.gov/dwreginfo/information-about-public-water-systems). If the facility is not a PWS, sampling of water and analysis of lead is voluntary. Under the LCR, lead and copper are regulated by a TT based on an established AL to control the corrosiveness of water. For PWS, the US EPA established AL for lead is 0.015 mg/L [i.e. parts per million (ppm)] which is equivalent to 15 ug/L [i.e. parts per billions (ppb)]. The US EPA established AL for copper is 1.3 mg/L [i.e. parts per million (ppm)] which is equivalent to 1300 ug/L [i.e. parts per billions (ppb).

The US EPA also established the National Secondary Drinking Water Regulations (NSDWR or Secondary Standards), which are non-enforceable guidelines regulating contaminants that may cause cosmetic effects (skin or tooth discoloration), aesthetic effects (undesirable taste, odor, or color), and technical effects (damage to water equipment or reduced effectiveness of treatment for other contaminants) in drinking water. EPA recommends Secondary Standards to water systems but does not require systems to comply; however, states may choose to adopt them as enforceable standards.

Project Activities

Hygieneering collected water samples from various pre-determined fixtures (drinking fountains, sinks, backflow preventers). Specific locations were selected by the Hygieneering Technician. All samples were analyzed for lead and copper. Water samples were collected at the following schools/buildings:

- Boulder Hill Elementary
- Churchill Elementary
- Brokaw Early Learning Center
- East View Elementary
- Fox Chase Elementary
- Grande Park Elementary
- Homestead Elementary
- Hunt Club Elementary School
- Lakewood Creek Elementary
- Long Beach Elementary
- Old Post Elementary
- Prairie Point Elementary
- Southbury Elementary School
- The Wheatland Elementary School
- Wolf's Crossing Elementary School
- Bednarick Junior High School
- Murphy Junior High School
- Plank Junior High School
- Thompson Junior High School
- Traughber Junior High School
- Oswego East High School
- Oswego High School
- O3C (308Center)

The following sections describe the sampling event for this project.

Sampling Methodology, Analysis & Field Observations

Hygieneering collected water samples from pre-determined water fixtures/locations selected by Hygieneering Technician Maira Garcia. The water samples were collected in accordance with methods consistent with protocols and strategies developed by the EPA, IEPA, and/or IDPH. One, first draw water sample was collected from each pre-determined water fixture from each of the above referenced schools/building. First draw samples were collected after at least a six-hour rest period, where the fixtures and water were not utilized during that time period, as required by the Environmental Protection Agency (US EPA), Illinois Environmental Protection Agency (IEPA) and Illinois Department of Public Health (IDPH). The first draw samples were collected as soon as the fixtures were turn on; samples were collected from the cold water taps. The water samples were collected using laboratory supplied bottles.

Hygieneering used the following acronyms for the types of fixtures sampled as follows:

Type of fixture sampled:
Drinking Fountain (DF)
Hallway drinking fountain (HDF)
Classroom Sink (CS)
Bathroom sink (BS)
Kitchen sink (KS)

Hygieneering sample identification protocol was as follows:

Last 4 digits of School Address-Location/Room-Type of Fixture

Example: 7950-RM13-DF = drinking fountain located in room 13

For multiple fixtures in one location/room, Hygieneering identified the fixture by A, B, C, etc. in which the letter designates a specific location within the room.

Example: 7950-RM13-CS-A = Left classroom sink located in classroom 13.

Adjustments, as necessary, were made to the sample labeling protocol based on site specific floor plans.

July 18, 19 and 20, 2016 Sampling Event

Maira Garcia, Safety and Health Technician of Hygieneering, conducted fieldwork on July 18 - July 20, 2016. Hygieneering collected water samples from one hundred fifteen (115) pre-determined potable water fixtures from the above referenced schools/buildings. A total of one hundred fifteen (115) water samples were submitted to Suburban Laboratories, Inc., an accredited laboratory of Geneva, Illinois, for lead and copper analysis in accordance to EPA Method 200.8 on standard laboratory turn around time. Table 1 is an example of the type of information collected for each sample.

Table 1

Building	Hygieneering Sample ID	Laboratory Sample ID	Type of Fixture	Description of Fixture and Location
Boulder Elementary School	DF1	1606H69-001	Hallway Drinking Fountain	Left, Wet
	KS1	1606H69-006	Kitchen Sink	Room 172
Fox Chase Elementary School	DF1	1606H70-001	Hallway Drinking Fountain	Across B-3/G-3, Wet
	KS1	1606H70-002	Kitchen sink	Room 33C

Sample Results & Interpretation

Laboratory analytical tables for each school/building detailing sampling dates, locations, types of fixtures, laboratory results and other pertinent information for each school are included in **Appendix A**. Maps of each school/building for each sampling event are included in **Appendix B**. Laboratory analytical reports are included in **Appendix C**.

In summary, the data indicated that the water fixtures sampled in the building used by students, facility and others are all below EPA's action levels for lead and copper. Several Backflow Preventer sampling locations had results above the lead action level. However, these results are likely due to inactivity of valves at these locations.

Conclusions and Recommendations

Hygieneering conducted a proactive evaluation of potable water quality for lead and copper selected by Oswego Community Unit District #308. This investigation was not intended as a drinking water compliance investigation, but for proactive information purposes only. Lead was compared to the EPA's Primary Drinking Water Standard Action Level of 0.015 parts per million (ppm), which is equivalent to 15 parts per billion (ppb). Copper was compared to the EPA's Primary Drinking Water Standard Action Level of 1.3 parts per million (ppm), which is equivalent to 1300 parts per billion (ppb). The Illinois Environmental Protection Agency's (IEPA) and Illinois Department of Public Health (IDPH) have also adopted these AL for lead and copper.

In summary, the data indicated that the water fixtures sampled in the buildings used by students, facility and others are all below EPA's action levels for lead and copper. The analytical results indicate a number of exceedances of EPA's Primary Standard AL for lead in solely the first draw water sample collected from the Backflow Preventers at many schools. This data suggests that the elevated lead concentrations are likely associated with inactivity of the Backflow Preventer test valves. This will be verified at a later date by flushing the test valve from the Backflow Preventer and then sampling after the six hour hold time.

Hygieneering recommends the following for your consideration:

- Continue with proactive measures of periodically evaluating water quality in the Oswego Community Unit District #308

Report Applicability

Results of this assessment were based on conditions present and observations made at the time of this survey. Additional pertinent information is presented in this report, so the report should be read as a whole. If you have any questions regarding this information, please contact us at (630) 654-2550. Thank you for this opportunity to continue to serve your environmental, health and safety needs.

Respectfully submitted,
Hygieneering, Inc.

Bob Anderson, CSP, CHMM
Director, Environmental Services

John Feller, CIH, CSP
President

APPENDIX A

LABORATORY ANALYTICAL TABLES

Boulder Hill Elementary Main Building										
Equip. Number	Building	Location	Notes (Discoloration, Smells, etc.)	*Hygieneering Sample ID	Location Description sink direction (N,S,E,W; left or right; landmark, etc.	Date	Copper Result (ppb)	Copper MCL (ppb)	Lead Result (ppb)	Lead MCL (ppb)
163-23-BFP	Boulder	Room 23	x	163-23-BFP	Back Flow Pump	19-Jul	ND	1,300	9.15	15
163-46-DF1	Boulder	Hallway by Rm 46	x	163-46-DF1	Drinking Fountain	19-Jul	ND	1,300	ND	15
163-B-DF2L	Boulder	Hallway by Rm 11	x	163-B-DF2L	Drinking Fountain	19-Jul	179	1,300	ND	15
163-18-DF3	Boulder	Hallway by Rm 18	x	163-18-DF3	Drinking Fountain	19-Jul	ND	1,300	ND	15
163-38-DF4	Boulder	Hallway by Rm 38 (Caffereria/Gym)	x	163-38-DF4	Drinking Fountain	19-Jul	153	1,300	ND	15

Churchill Elementary Main Building										
Equip. Number	Building	Location	Notes (Discoloration, Smells, etc.)	*Hygieneering Sample ID	Location Description sink direction (N,S,E,W; left or right; landmark, etc.	Date	Copper Result (ppb)	Copper MCL (ppb)	Lead Result (ppb)	Lead MCL (ppb)
520-A140-BFP	Churchill	Room A140	x	520-A140-BFP	Back Flow Pump	18-Jul	179	1,300	54.8	15
520-A114-DF1L	Churchill	Hallway by Rm A114	x	520-A114-DF1L	Drinking Fountain	18-Jul	643	1,300	ND	15
520-A131-DF2U	Churchill	Hallway by Rm A131	x	520-A131-DF2U	Drinking Fountain	18-Jul	620	1,300	ND	15
520-A231-DF3L	Churchill	Hallway by Rm A231	x	520-A231-DF3L	Drinking Fountain	18-Jul	480	1,300	ND	15
520-B121-DF4U	Churchill	Hallway by Rm B121	x	520-B121-DF4U	Drinking Fountain	18-Jul	1,210	1,300	ND	15

Brokaw Early Learning Center Main Building										
Equip. Number	Building	Location	Notes (Discoloration, Smells, etc.)	*Hygieneering Sample ID	Location Description sink direction (N,S,E,W; left or right; landmark, etc.	Date	Copper Result (ppb)	Copper MCL (ppb)	Lead Result (ppb)	Lead MCL (ppb)
1000-A139-BFP	Brokaw	Room A139	x	1000-A139-BFP	Back Flow Pump	18-Jul	137	1,300	51.4	15
1000-A130-DF1L	Brokaw	Hallway by Rm A130	x	1000-A130-DF1L	Drinking Fountain	18-Jul	525	1,300	ND	15
1000-A135-DF2L	Brokaw	Room A135 (gym)	x	1000-A135-DF2L	Drinking Fountain	18-Jul	617	1,300	ND	15
1000-A135-DF3L	Brokaw	Hallway by Rm A135	x	1000-A135-DF3L	Drinking Fountain	18-Jul	432	1,300	ND	15
1000-A135-DF4U	Brokaw	Hallway by Rm A135	x	1000-A135-DF4U	Drinking Fountain	18-Jul	329	1,300	ND	15

East View Elementary Main Building										
Equip. Number	Building	Location	Notes (Discoloration, Smells, etc.)	*Hygieneering Sample ID	Location Description sink direction (N,S,E,W; left or right; landmark, etc.	Date	Copper Result (ppb)	Copper MCL (ppb)	Lead Result (ppb)	Lead MCL (ppb)
4209-18-BFP	East View	Room 18	x	4209-18-BFP	Back Flow Pump	19-Jul	ND	1,300	ND	15
4209-17-DF1L	East View	Hallway by Rm 17	x	4209-17-DF1L	Drinking Fountain	19-Jul	ND	1,300	ND	15
4209-29-DF2U	East View	Hallway by Rm 29 (Gym)	x	4209-29-DF2U	Drinking Fountain	19-Jul	242	1,300	ND	15
4209-31-DF3L	East View	Hallway by Rm 31	x	4209-31-DF3L	Drinking Fountain	19-Jul	ND	1,300	ND	15
4209-65-DF4L	East View	Hallway by Rm 65	x	4209-65-DF4L	Drinking Fountain	19-Jul	ND	1,300	ND	15

Fox Chase Elementary Main Building										
Equip. Number	Building	Location	Notes (Discoloration, Smells, etc.)	*Hygieneering Sample ID	Location Description sink direction (N,S,E,W; left or right; landmark, etc.	Date	Copper Result (ppb)	Copper MCL (ppb)	Lead Result (ppb)	Lead MCL (ppb)
BFP-260	Fox Chase	Sprinkler/Maintenace Room	x	BFP-260	Back Flow Pump	20-Jul	ND	1,300	20.7	15
DF1-260	Fox Chase	Room 122 (Gym)	x	DF1-260	Drinking Fountain	20-Jul	337	1,300	ND	15
DF2-260	Fox Chase	Hallway by Rm 174	x	DF2-260	Drinking Fountain	20-Jul	447	1,300	ND	15
DF3-260	Fox Chase	Hallway by Rm 228	x	DF3-260	Drinking Fountain	20-Jul	239	1,300	ND	15
DF4-260	Fox Chase	Hallway by Rm 191	x	DF4-260	Drinking Fountain	20-Jul	333	1,300	ND	15

Grande Park Elementary Main Building										
Equip. Number	Building	Location	Notes (Discoloration, Smells, etc.)	*Hygieneering Sample ID	Location Description sink direction (N,S,E,W; left or right; landmark, etc.	Date	Copper Result (ppb)	Copper MCL (ppb)	Lead Result (ppb)	Lead MCL (ppb)
BFP-26933	Grande Park	Across Rm A147	x	BFP-26933	Sink Near Back Flow	20-Jul	108	1,300	ND	15
DF1-26933	Grande Park	Hallway by Rm A110	x	DF1-26933	Drinking Fountain	20-Jul	ND	1,300	ND	15
DF2-26933	Grande Park	Hallway by Rm A155	x	DF2-26933	Drinking Fountain	20-Jul	160	1,300	ND	15
DF3-26933	Grande Park	Between Rm 230 &	x	DF3-26933	Drinking Fountain	20-Jul	ND	1,300	ND	15
DF4-26933	Grande Park	Room C109 (Gym)	x	DF4-26933	Drinking Fountain	20-Jul	205	1,300	ND	15

Homestead Elementary Main Building										
Equip. Number	Building	Location	Notes (Discoloration, Smells, etc.)	*Hygieneering Sample ID	Location Description sink direction (N,S,E,W; left or right; landmark, etc.	Date	Copper Result (ppb)	Copper MCL (ppb)	Lead Result (ppb)	Lead MCL (ppb)
2830-114A-BFP	Homestead	Room 114A	x	2830-114A-BFP	Back Flow Pump	18-Jul	ND	1,300	173	15
2830-121-DF1	Homestead	Room 121 (Gym)	x	2830-121-DF1	Drinking Fountain	18-Jul	ND	1,300	ND	15
2830-188A-DF2U	Homestead	Hallway by Rm 188A	x	2830-188A-DF2U	Drinking Fountain	18-Jul	252	1,300	ND	15
2830-210-DF3	Homestead	Hallway by Rm 210	x	2830-210-DF3	Drinking Fountain	18-Jul	169	1,300	ND	15
2830-154-DF4	Homestead	Hallway by Rm 154	x	2830-154-DF4	Drinking Fountain	18-Jul	171	1,300	ND	15

Hunt Club Elementary Main Building										
Equip. Number	Building	Location	Notes (Discoloration, Smells, etc.)	*Hygieneering Sample ID	Location Description sink direction (N,S,E,W; left or right; landmark, etc.	Date	Copper Result (ppb)	Copper MCL (ppb)	Lead Result (ppb)	Lead MCL (ppb)
4001-A128-BFP	Hunt Club	Room A123	x	4001-A128-BFP	Back Flow Pump	18-Jul	258	1,300	13.5	15
4001-B121-DF1	Hunt Club	Hallway by Rm B121	x	4001-B121-DF1	Drinking Fountain	18-Jul	264	1,300	ND	15
4001-A115-DF2L	Hunt Club	Hallway by Rm A115	x	4001-A115-DF2L	Drinking Fountain	18-Jul	120	1,300	ND	15
4001-A119-DF3	Hunt Club	Hallway by Rm A119	x	4001-A119-DF3	Drinking Fountain	18-Jul	ND	1,300	ND	15
163-38-DF4U	Hunt Club	Hallway by Rm A229	x	163-38-DF4U	Drinking Fountain	18-Jul	161	1,300	ND	15

Lakewood Creek Elementary Main Building										
Equip. Number	Building	Location	Notes (Discoloration, Smells, etc.)	*Hygieneering Sample ID	Location Description sink direction (N,S,E,W; left or right; landmark, etc.	Date	Copper Result (ppb)	Copper MCL (ppb)	Lead Result (ppb)	Lead MCL (ppb)
BFP-2301	Lakewood	Room 23	x	BFP-2301	Back Flow Pump	20-Jul	1,670	1,300	409	15
DF1-2301	Lakewood	Hallway by Rm 141	x	DF1-2301	Drinking Fountain	20-Jul	558	1,300	ND	15
DF2-2301	Lakewood	Hallway by Rm 210	x	DF2-2301	Drinking Fountain	20-Jul	ND	1,300	ND	15
DF3-2301	Lakewood	Hallway by Rm 153	x	DF3-2301	Drinking Fountain	20-Jul	248	1,300	ND	15
DF4-2301	Lakewood	Hallway by Rm 112	x	DF4-2301	Drinking Fountain	20-Jul	333	1,300	ND	15

Long Beach Elementary Main Building										
Equip. Number	Building	Location	Notes (Discoloration, Smells, etc.)	*Hygieneering Sample ID	Location Description sink direction (N,S,E,W; left or right; landmark, etc.	Date	Copper Result (ppb)	Copper MCL (ppb)	Lead Result (ppb)	Lead MCL (ppb)
67-123-BFP	Long Beach	Room 123	x	67-123-BFP	Back Flow Pump	19-Jul	1,100	1,300	456	15
67-123-DF1U	Long Beach	Hallway by Rm 123	x	67-123-DF1U	Drinking Fountain	19-Jul	575	1,300	ND	15
67-104-DF2	Long Beach	Hallway by Rm 104	x	67-104-DF2	Drinking Fountain	19-Jul	353	1,300	ND	15
67-111-DF3	Long Beach	Hallway by Rm 111	x	67-111-DF3	Drinking Fountain	19-Jul	655	1,300	ND	15
67-G-DF4L	Long Beach	Gym	x	67-G-DF4L	Drinking Fountain	19-Jul	464	1,300	ND	15

Old Post Elementary Main Building										
Equip. Number	Building	Location	Notes (Discoloration, Smells, etc.)	*Hygieneering Sample ID	Location Description sink direction (N,S,E,W; left or right; landmark, etc.	Date	Copper Result (ppb)	Copper MCL (ppb)	Lead Result (ppb)	Lead MCL (ppb)
3650-A140-BFP	Old Post	Boiler Room	x	3650-A140-BFP	Back Flow Pump	20-Jul	ND	1,300	30.7	15
3650-C105-DF1	Old Post	Hallway by Rm 122	x	3650-C105-DF1	Drinking Fountain	20-Jul	537	1,300	ND	15
3650-B121-DF2	Old Post	Hallway by Rm 217B	x	3650-B121-DF2	Drinking Fountain	20-Jul	597	1,300	ND	15
3650-A114-DF3L	Old Post	Room 121	x	3650-A114-DF3L	Drinking Fountain	20-Jul	305	1,300	ND	15
3650-A231-DF4U	Old Post	Room 400	x	3650-A231-DF4U	Drinking Fountain	20-Jul	351	1,300	ND	15

Prairie Point Elementary Main Building										
Equip. Number	Building	Location	Notes (Discoloration, Smells, etc.)	*Hygieneering Sample ID	Location Description sink direction (N,S,E,W; left or right; landmark, etc.	Date	Copper Result (ppb)	Copper MCL (ppb)	Lead Result (ppb)	Lead MCL (ppb)
3650-A140-BFP	Prairie Point	Room A140	x	3650-A140-BFP	Back Flow Pump	20-Jul	ND	1,300	30.7	15
3650-C105-DF1	Prairie Point	Room C105	x	3650-C105-DF1	Lower drinking fountain in	20-Jul	537	1,300	ND	15
3650-B121-DF2	Prairie Point	Hallway by Rm B121	x	3650-B121-DF2	Drinking Fountain	20-Jul	597	1,300	ND	15
3650-A114-DF3L	Prairie Point	Hallway by Rm A114	x	3650-A114-DF3L	Drinking Fountain	20-Jul	305	1,300	ND	15
3650-A231-DF4U	Prairie Point	Hallway by Rm A231	x	3650-A231-DF4U	Drinking Fountain	20-Jul	351	1,300	ND	15

Southbury Elementary School Main Building										
Equip. Number	Building	Location	Notes (Discoloration, Smells, etc.)	*Hygieneering Sample ID	Location Description sink direction (N,S,E,W; left or right; landmark, etc.	Date	Copper Result (ppb)	Copper MCL (ppb)	Lead Result (ppb)	Lead MCL (ppb)
820-A140-BFP	Southbury	Room A140	x	820-A140-BFP	Back Flow Pump	19-Jul	331	1,300	101	15
820-B121-DF1	Southbury	Hallway by Rm B121	x	820-B121-DF1	Drinking Fountain	19-Jul	ND	1,300	ND	15
820-A119-DF2	Southbury	Room A119	x	820-A119-DF2	Drinking Fountain	19-Jul	ND	1,300	ND	15
820-A215-DF3L	Southbury	Hallway by Rm A215	x	820-A215-DF3L	Drinking Fountain	19-Jul	536	1,300	ND	15
820-B121-DF4	Southbury	Hallway by Rm B121	x	820-B121-DF4	Drinking Fountain	19-Jul	204	1,300	ND	15

The Wheatlands Elementary Main Building										
Equip. Number	Building	Location	Notes (Discoloration, Smells, etc.)	*Hygieneering Sample ID	Location Description sink direction (N,S,E,W; left or right; landmark, etc.	Date	Copper Result (ppb)	Copper MCL (ppb)	Lead Result (ppb)	Lead MCL (ppb)
2290-Maint.-BFP	Wheatlands	Maintenance Rm	x	2290-Maint.-BFP	Back Flow Pump	18-Jul	ND	1,300	17.7	15
2290-121-DF1	Wheatlands	Room 121	x	2290-121-DF1	Drinking Fountain	18-Jul	ND	1,300	ND	15
2290-108-DF2	Wheatlands	Hallway by Rm 108	x	2290-108-DF2	Drinking Fountain	18-Jul	ND	1,300	ND	15
2290-204-DF3	Wheatlands	Hallway by Rm 204	x	2290-204-DF3	Drinking Fountain	18-Jul	ND	1,300	ND	15
2290-193-DF4L	Wheatlands	Hallway by Rm 193	x	2290-193-DF4L	Drinking Fountain	18-Jul	425	1,300	ND	15

Wolf's Crossing Elementary Main Building										
Equip. Number	Building	Location	Notes (Discoloration, Smells, etc.)	*Hygieneering Sample ID	Location Description sink direction (N,S,E,W; left or right; landmark, etc.	Date	Copper Result (ppb)	Copper MCL (ppb)	Lead Result (ppb)	Lead MCL (ppb)
3015-A140-BFP	Wolf's Crossing	Room A140	x	3015-A140-BFP	Back Flow Pump	18-Jul	213	1,300	73.3	15
3015-A214-DF1L	Wolf's Crossing	Hallway by Rm A214	x	3015-A214-DF1L	Drinking Fountain	18-Jul	166	1,300	ND	15
3015-B121-DF2	Wolf's Crossing	Hallway by Rm B121	x	3015-B121-DF2	Drinking Fountain	18-Jul	109	1,300	ND	15
3015-C105-DF3L	Wolf's Crossing	Room C105	x	3015-C105-DF3L	Drinking Fountain	18-Jul	153	1,300	ND	15
3015-B121-DF4	Wolf's Crossing	Hallway by Rm B121	x	3015-B121-DF4	Drinking Fountain	18-Jul	120	1,300	ND	15

Bednarcik Jr. High Main Building										
Equip. Number	Building	Location	Notes (Discoloration, Smells, etc.)	*Hygieneering Sample ID	Location Description sink direction (N,S,E,W; left or right; landmark, etc.	Date	Copper Result (ppb)	Copper MCL (ppb)	Lead Result (ppb)	Lead MCL (ppb)
3025-1110-BFP	Bednarcik	Room 1110	x	3025-1110-BFP	Back Flow Pump	18-Jul	9.50	1,300	ND	15
3025-2065E-DF1U	Bednarcik	Hallway by Rm 2065E	x	3025-2065E-DF1U	Drinking Fountain	18-Jul	ND	1,300	225	15
3025-1284D-DF2	Bednarcik	Hallway by Rm 1284E	x	3025-1284D-DF2	Drinking Fountain	18-Jul	ND	1,300	175	15
3025-1223A-DF3	Bednarcik	Room 1223A (Gym)	x	3025-1223A-DF3	Drinking Fountain	18-Jul	ND	1,300	173	15
3025-1112-DF4	Bednarcik	Room 1112 (Cafeteria)	x	3025-1112-DF4	Drinking Fountain	18-Jul	ND	1,300	251	15

Murphy Jr. High Main Building										
Equip. Number	Building	Location	Notes (Discoloration, Smells, etc.)	*Hygieneering Sample ID	Location Description sink direction (N,S,E,W; left or right; landmark, etc.	Date	Copper Result (ppb)	Copper MCL (ppb)	Lead Result (ppb)	Lead MCL (ppb)
BFP-26923	Murphy	Room A103	x	BFP-26923	Back Flow Pump	20-Jul	131	1,300	1,140	15
DF1-26923	Murphy	Hallway by Rm 116 (Cafeteria)	x	DF1-26923	Drinking Fountain	20-Jul	398	1,300	ND	15
DF2-26923	Murphy	Hallway by Rm D104	x	DF2-26923	Drinking Fountain	20-Jul	604	1,300	ND	15
DF3-26923	Murphy	Outside of Rm F220	x	DF3-26923	Drinking Fountain	20-Jul	321	1,300	ND	15
DF4-26923	Murphy	Mezzanine by room C201	x	DF4-26923	Drinking Fountain	20-Jul	496	1,300	ND	15

Plank Jr. High Main Building										
Equip. Number	Building	Location	Notes (Discoloration, Smells, etc.)	*Hygieneering Sample ID	Location Description sink direction (N,S,E,W; left or right; landmark, etc.	Date	Copper Result (ppb)	Copper MCL (ppb)	Lead Result (ppb)	Lead MCL (ppb)
510-A104-BFP	Plank	Room A104	x	510-A104-BFP	Back Flow Pump	19-Jul	ND	1,300	9.27	15
510-C128-DF1U	Plank	Hallway by Rm C128	x	510-C128-DF1U	Drinking Fountain	19-Jul	377	1,300	ND	15
510-F101-DF2L	Plank	Hallway by Rm F101	x	510-F101-DF2L	Drinking Fountain	19-Jul	602	1,300	ND	15
510-D223-DF3U	Plank	Hallway by Rm D223	x	510-D223-DF3U	Drinking Fountain	19-Jul	740	1,300	ND	15
510-D101-DF4L	Plank	Hallway by Rm D101	x	510-D101-DF4L	Drinking Fountain	19-Jul	470	1,300	ND	15

Thompson Jr. High Main Building										
Equip. Number	Building	Location	Notes (Discoloration, Smells, etc.)	*Hygieneering Sample ID	Location Description sink direction (N,S,E,W; left or right; landmark, etc.	Date	Copper Result (ppb)	Copper MCL (ppb)	Lead Result (ppb)	Lead MCL (ppb)
440-1102-BFP	Thompson	Room 1102	x	440-1102-BFP	Back Flow	19-Jul	245	1,300	35.5	15
440-1169-DF1	Thompson	Hallway by Rm 1169	x	440-1169-DF1	Drinking	19-Jul	486	1,300	ND	15
440-1203-DF2	Thompson	Hallway by Rm 1203	x	440-1203-DF2	Drinking	19-Jul	472	1,300	ND	15
440-2125	Thompson	Hallway by Rm 2125	x	440-2125	Drinking	19-Jul	640	1,300	ND	15
440-2368-DF4L	Thompson	Hallway by Rm 2368	x	440-2368-DF4L	Drinking	19-Jul	498	1,300	ND	15

Traughber Jr. High Main Building										
Equip. Number	Building	Location	Notes (Discoloration, Smells, etc.)	*Hygieneering Sample ID	Location Description sink direction (N,S,E,W; left or right; landmark, etc.	Date	Copper Result (ppb)	Copper MCL (ppb)	Lead Result (ppb)	Lead MCL (ppb)
570-A104-BFP	Traughber	Room A104	x	570-A104-BFP	Back Flow Pump	20-Jul	171	1,300	ND	15
570-A116-DF1L	Traughber	Hallway by Rm A116	x	570-A116-DF1L	Drinking Fountain	20-Jul	601	1,300	ND	15
570-C140-DF2	Traughber	Hallway by Rm C140	x	570-C140-DF2	Drinking Fountain	20-Jul	352	1,300	ND	15
570-F121-DF3U	Traughber	Hallway by Rm F121	x	570-F121-DF3U	Drinking Fountain	20-Jul	368	1,300	ND	15
570-D223-DF4L	Traughber	Hallway by Rm D223	x	570-D223-DF4L	Drinking Fountain	20-Jul	470	1,300	ND	15

Oswego East High School Main Building										
Equip. Number	Building	Location	Notes (Discoloration, Smells, etc.)	*Hygieneering Sample ID	Location Description sink direction (N,S,E,W; left or right; landmark, etc.	Date	Copper Result (ppb)	Copper MCL (ppb)	Lead Result (ppb)	Lead MCL (ppb)
1525-C119-BFP	Oswego East	Room C119	x	1525-C119-BFP	Back Flow Pump	18-Jul	ND	1,300	7.54	15
1525-C121-DF1	Oswego East	Room C121	x	1525-C121-DF1	Drinking Fountain	18-Jul	248	1,300	ND	15
1525-E280-DFB	Oswego East	Hallway by Rm E280	x	1525-E280-DFB	Water Bottle Station	18-Jul	515	1,300	ND	15
1225-E380-DF2U	Oswego East	Hallway by Rm E380	x	1225-E380-DF2U	Drinking Fountain	18-Jul	782	1,300	ND	15
1525-Field-DF3U	Oswego East	By Football field	x	1525-Field-DF3U	Drinking Fountain	18-Jul	ND	1,300	ND	15

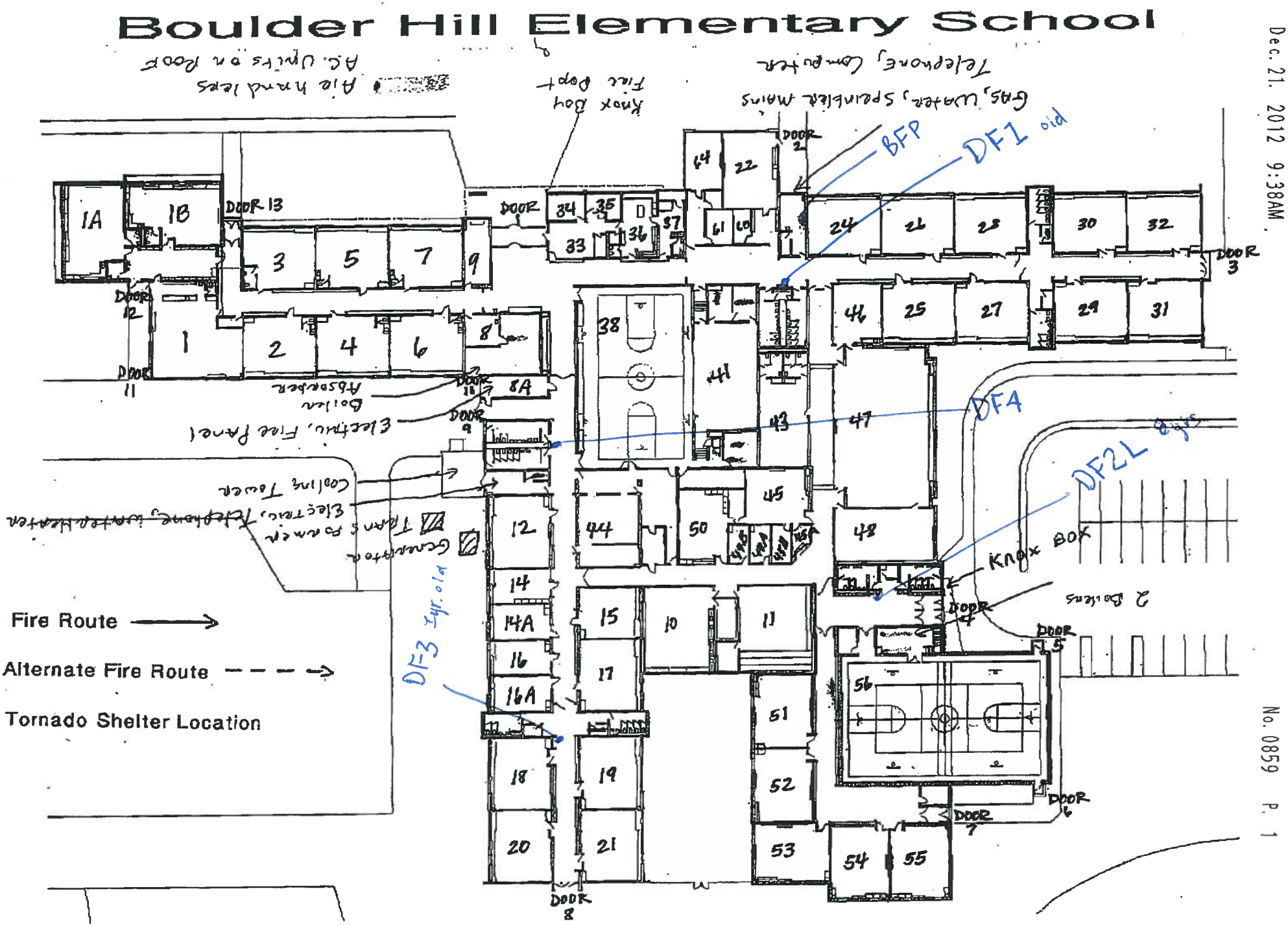
Oswego High School Main Building										
Equip. Number	Building	Location	Notes (Discoloration, Smells, etc.)	*Hygieneering Sample ID	Location Description sink direction (N,S,E,W; left or right; landmark, etc.	Date	Copper Result (ppb)	Copper MCL (ppb)	Lead Result (ppb)	Lead MCL (ppb)
4250-27B-BFP	Oswego High	Room 27B	x	4250-27B-BFP	Back Flow Pump	20-Jul	203	1,300	178	15
4250-24W-D	Oswego High	Hallway by Rm 24W (womens restroom)	x	4250-24W-D	Water Bottle Station	20-Jul	418	1,300	ND	15
4250-55-DF2	Oswego High	Room 55 (field house)	x	4250-55-DF2	Drinking Fountain	20-Jul	133	1,300	ND	15
4250-142M-DF3L	Oswego High	Hallway by Rm 142M (mens restroom)	x	4250-142M-DF3L	Drinking Fountain	20-Jul	190	1,300	ND	15
4250-200W-DF4L	Oswego High	Hallway by Rm 200W (womens restroom)	x	4250-200W-DF4L	Drinking Fountain	20-Jul	681	1,300	ND	15

Oswego 308 Center Main Building										
Equip. Number	Building	Location	Notes (Discoloration, Smells, etc.)	*Hygieneering Sample ID	Location Description sink direction (N,S,E,W; left or right; landmark, etc.	Date	Copper Result (ppb)	Copper MCL (ppb)	Lead Result (ppb)	Lead MCL (ppb)
61-A010-BFP	Oswego 308	Room A010	x	61-A010-BFP	Back Flow Pump	20-Jul	1,480	1,300	128	15
61-GV3-DF1	Oswego 308	Hallway by Rm GV3	x	61-GV3-DF1	Drinking Fountain	20-Jul	256	1,300	ND	15
61-A113-DF2	Oswego 308	Hallway by Rm A113	x	61-A113-DF2	Drinking Fountain	20-Jul	100	1,300	ND	15
61-A224-DF3	Oswego 308	Hallway by Rm A224	x	61-A224-DF3	Drinking Fountain	20-Jul	ND	1,300	ND	15
61-A125-DF4	Oswego 308	Hallway by Rm A125	x	61-A125-DF4	Drinking Fountain	20-Jul	334	1,300	ND	15

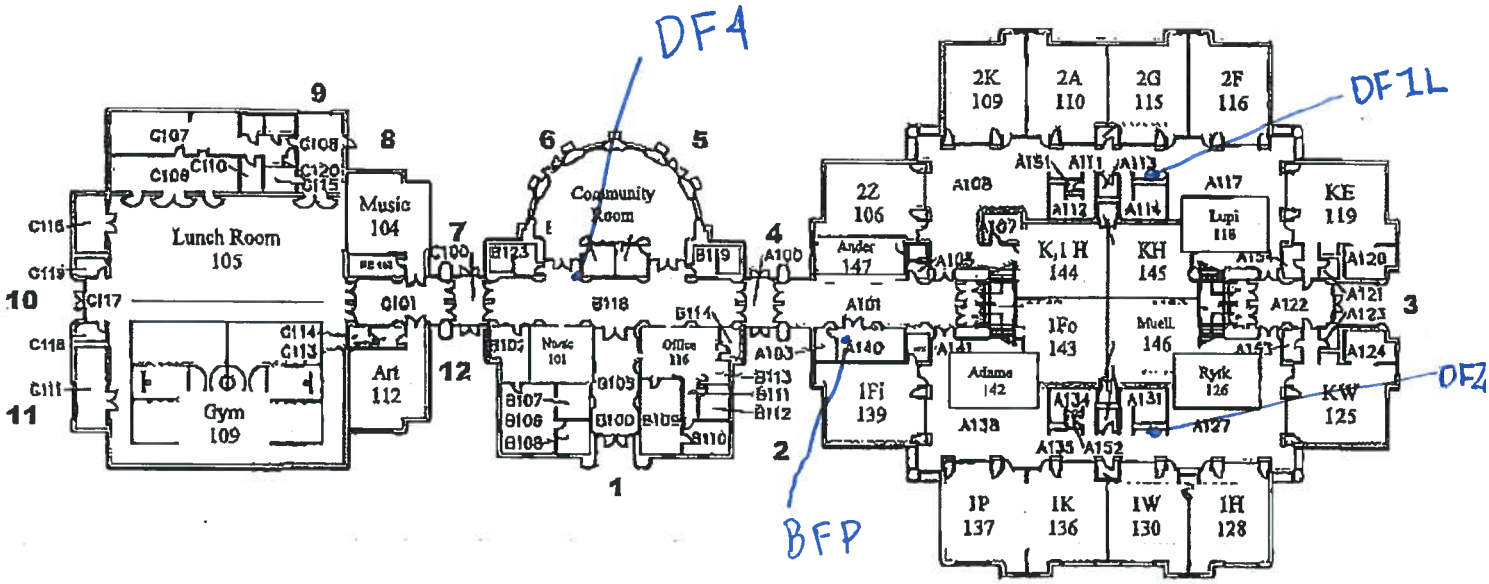
APPENDIX B

SCHOOL MAPS

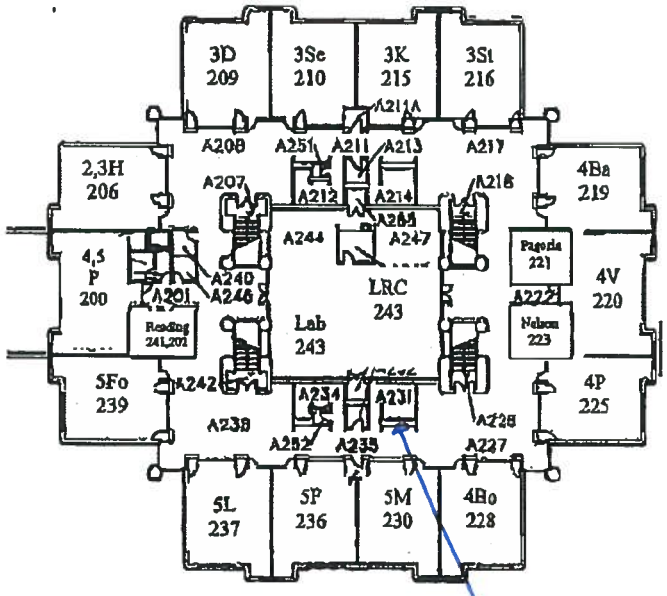
Boulder Hill Elementary School



Churchill Elementary School

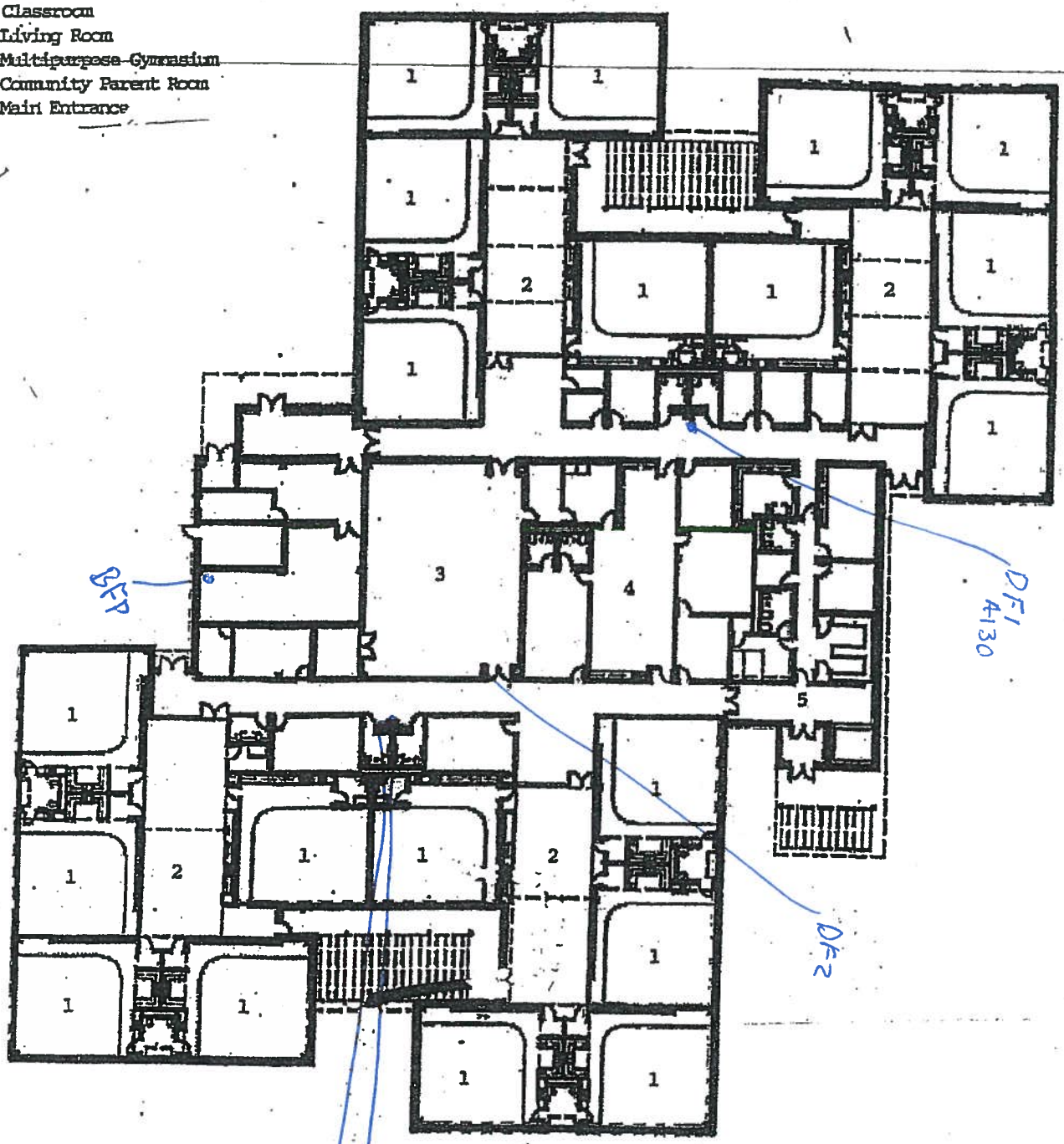


First Floor



Second Floor

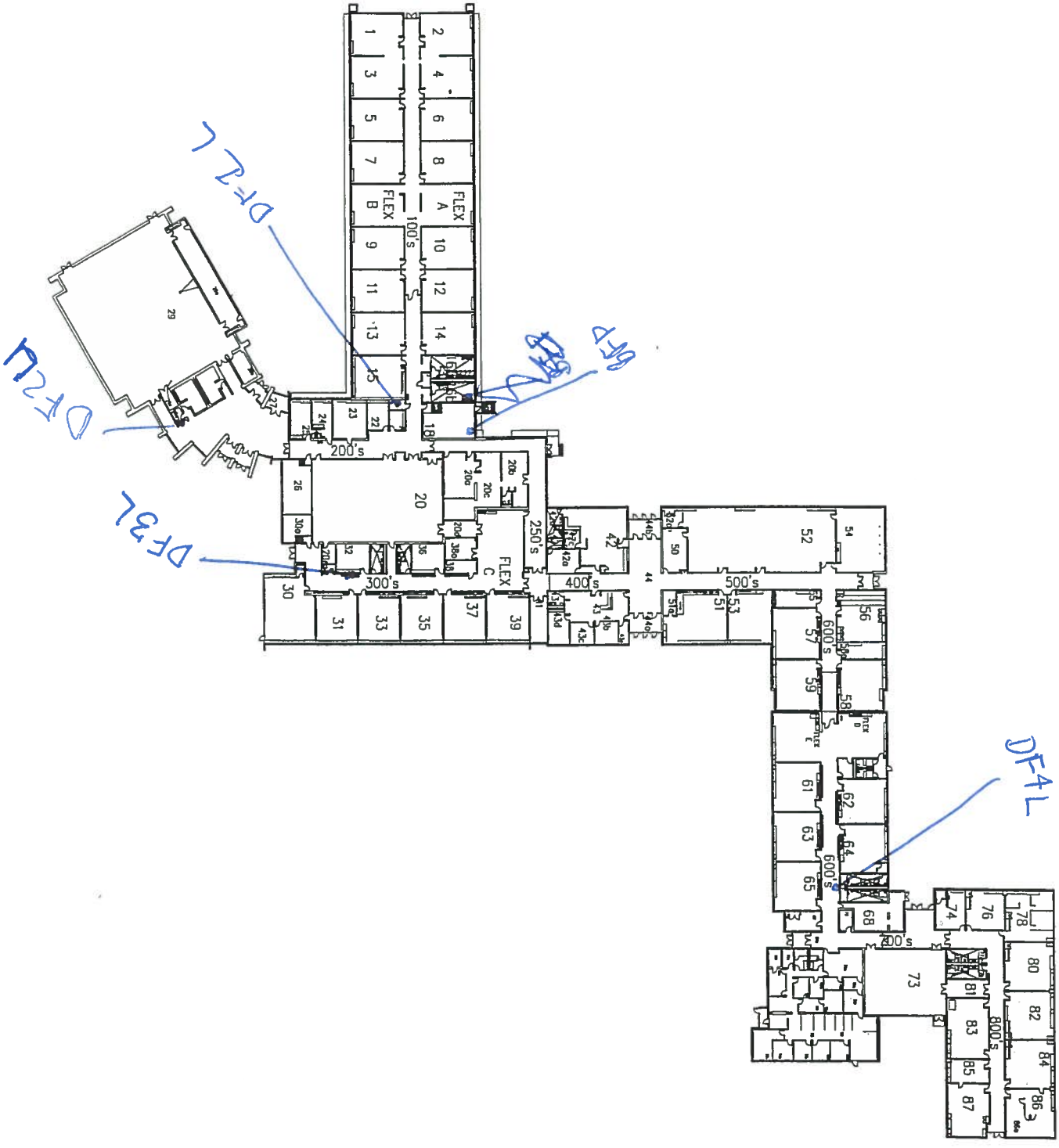
1. Classroom
2. Living Room
3. Multipurpose Gymnasium
4. Community Parent Room
5. Main Entrance



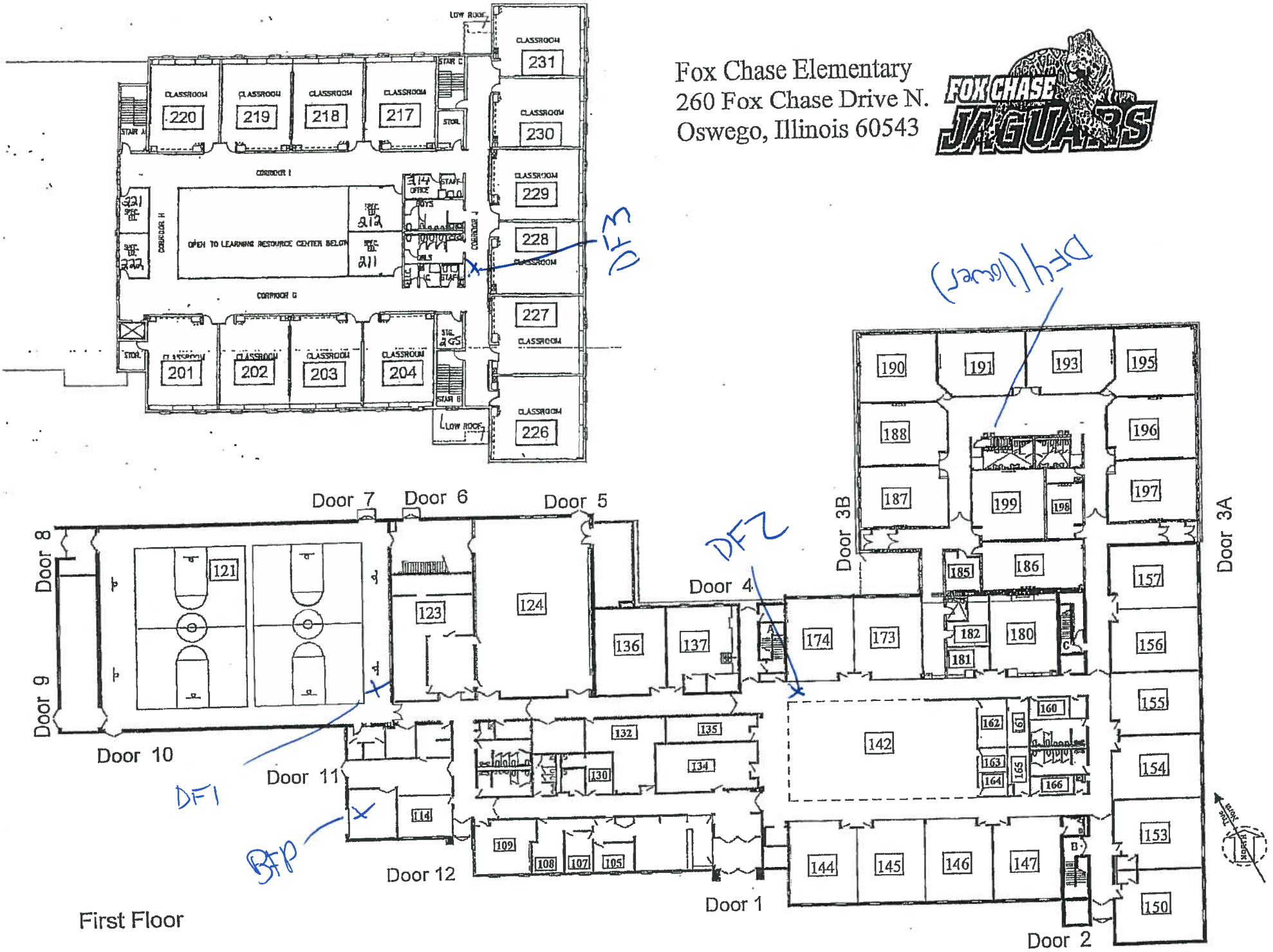
DLR Group

FLOOR PLAN

0 32' 64'

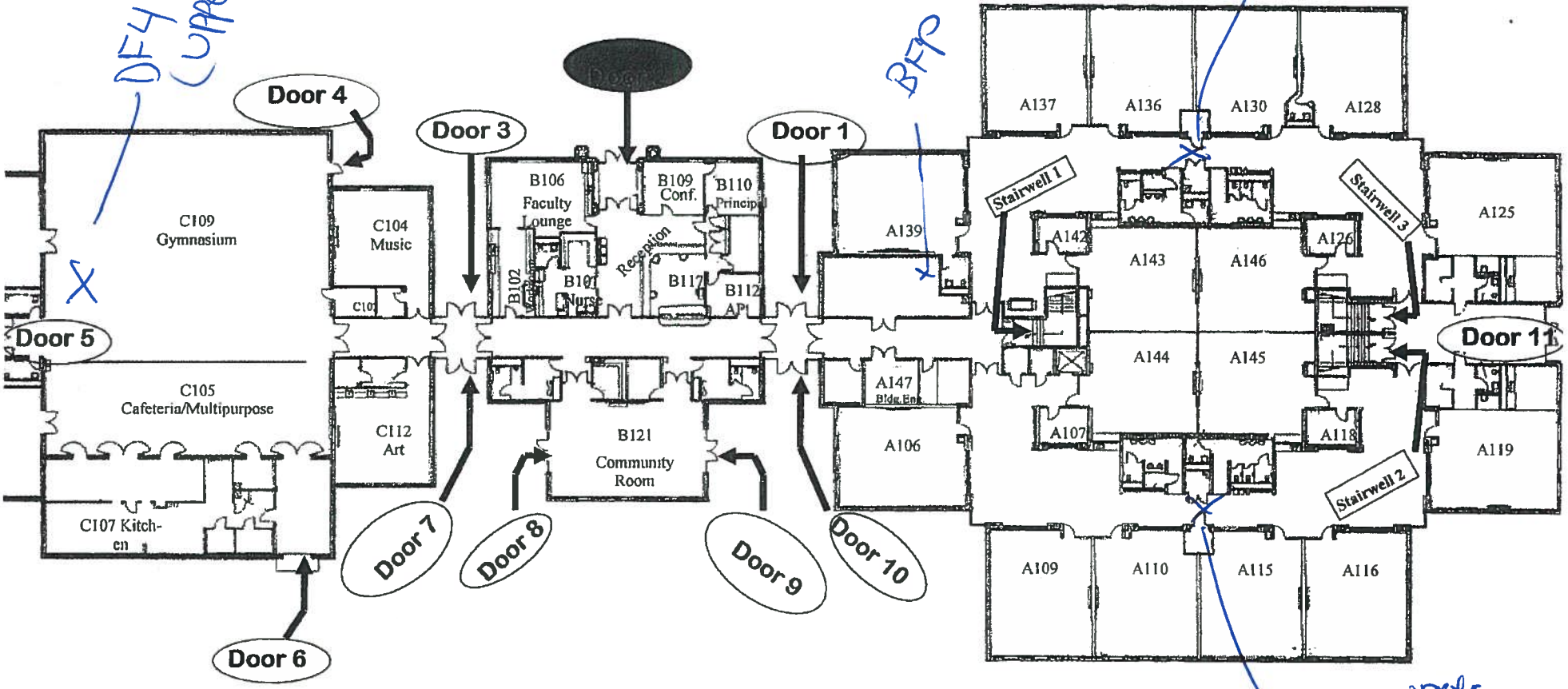

100's
200's
300's
400's
500's
600's
800's
FLEX A
FLEX B
FLEX C
250's
FLEX D
FLEX E

Fox Chase Elementary
260 Fox Chase Drive N.
Oswego, Illinois 60543



Fire Exit

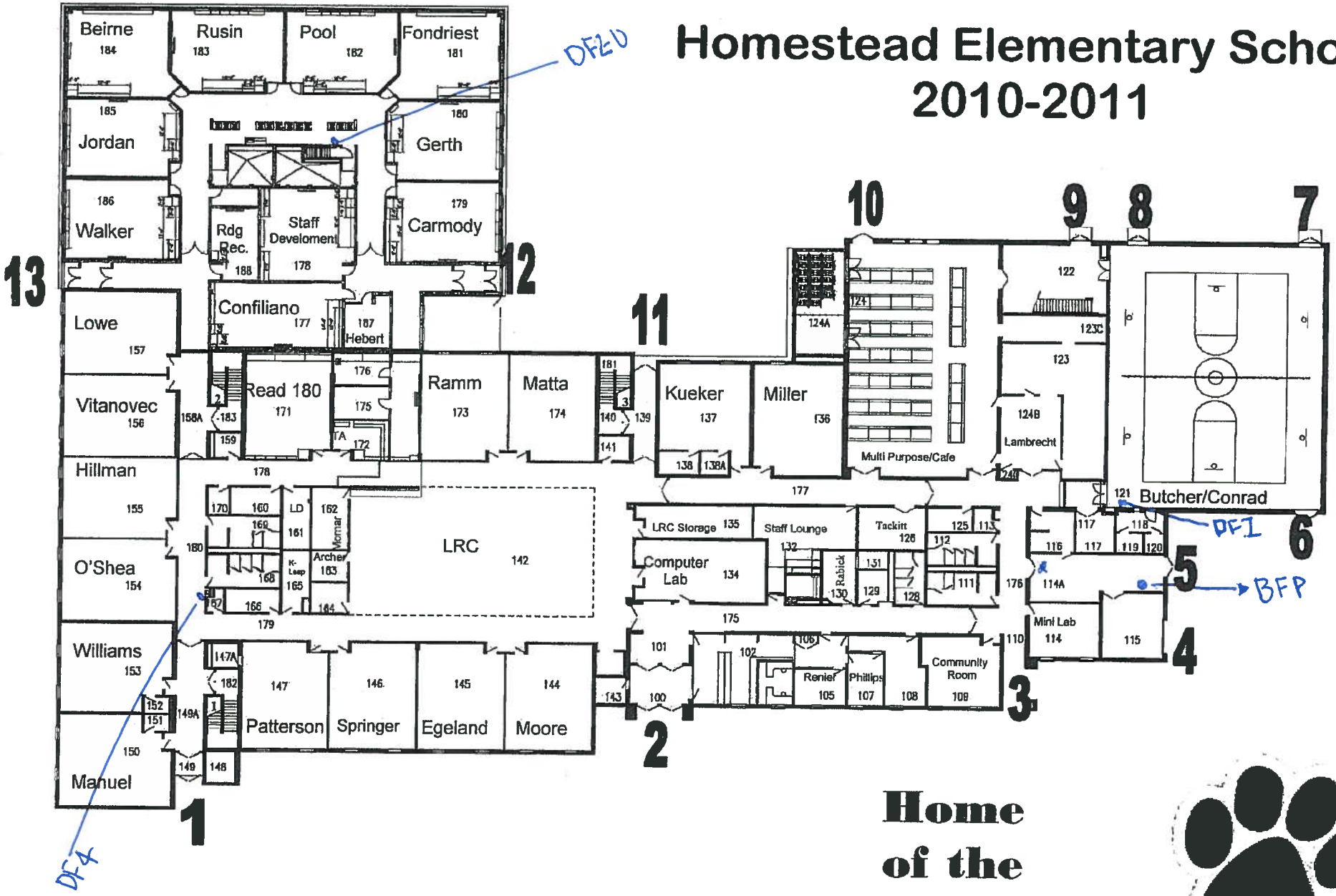
Use door number 2 to exit the building during a fire alarm.



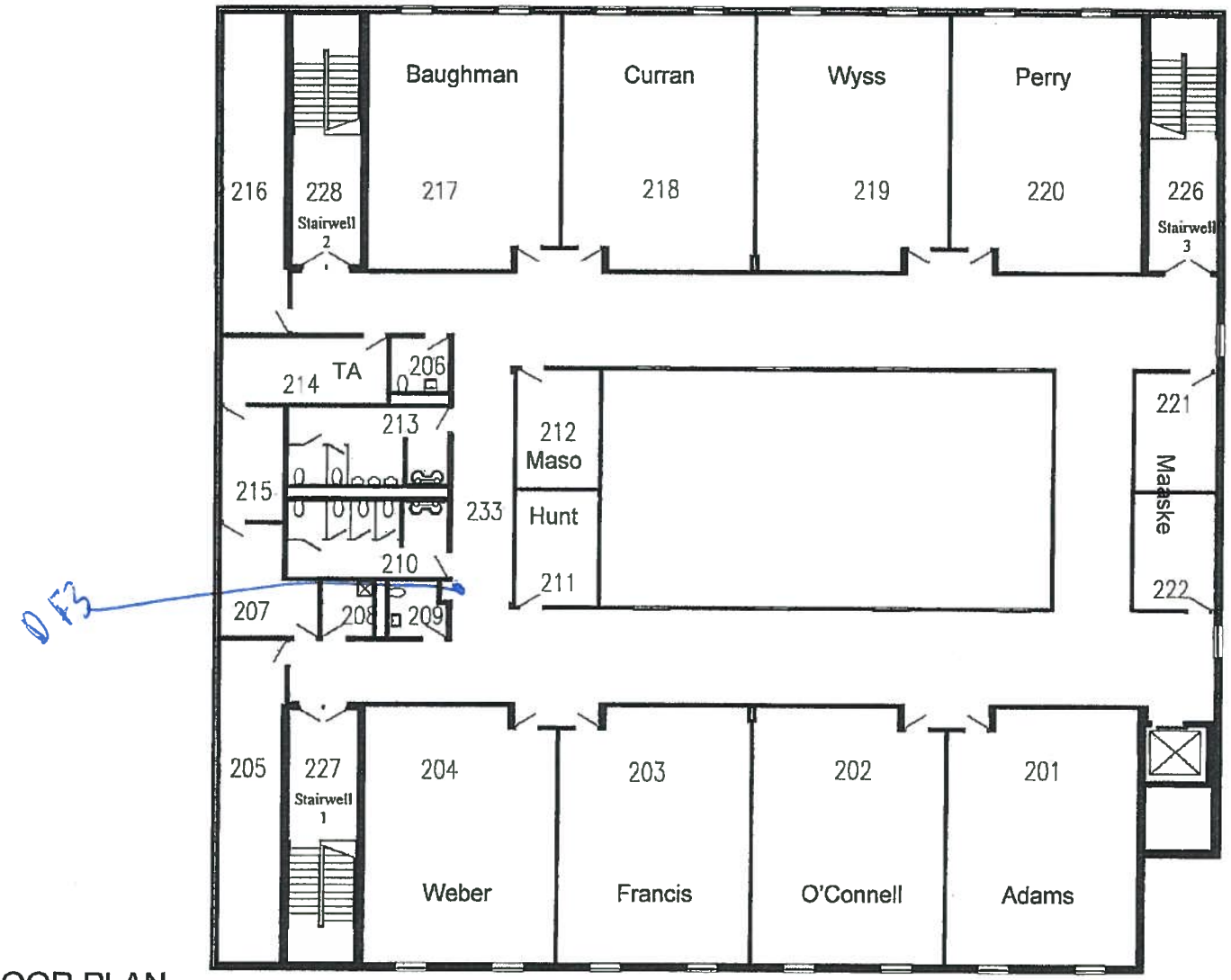
Grande Park Elementary
First Floor

8/09

Homestead Elementary School
2010-2011

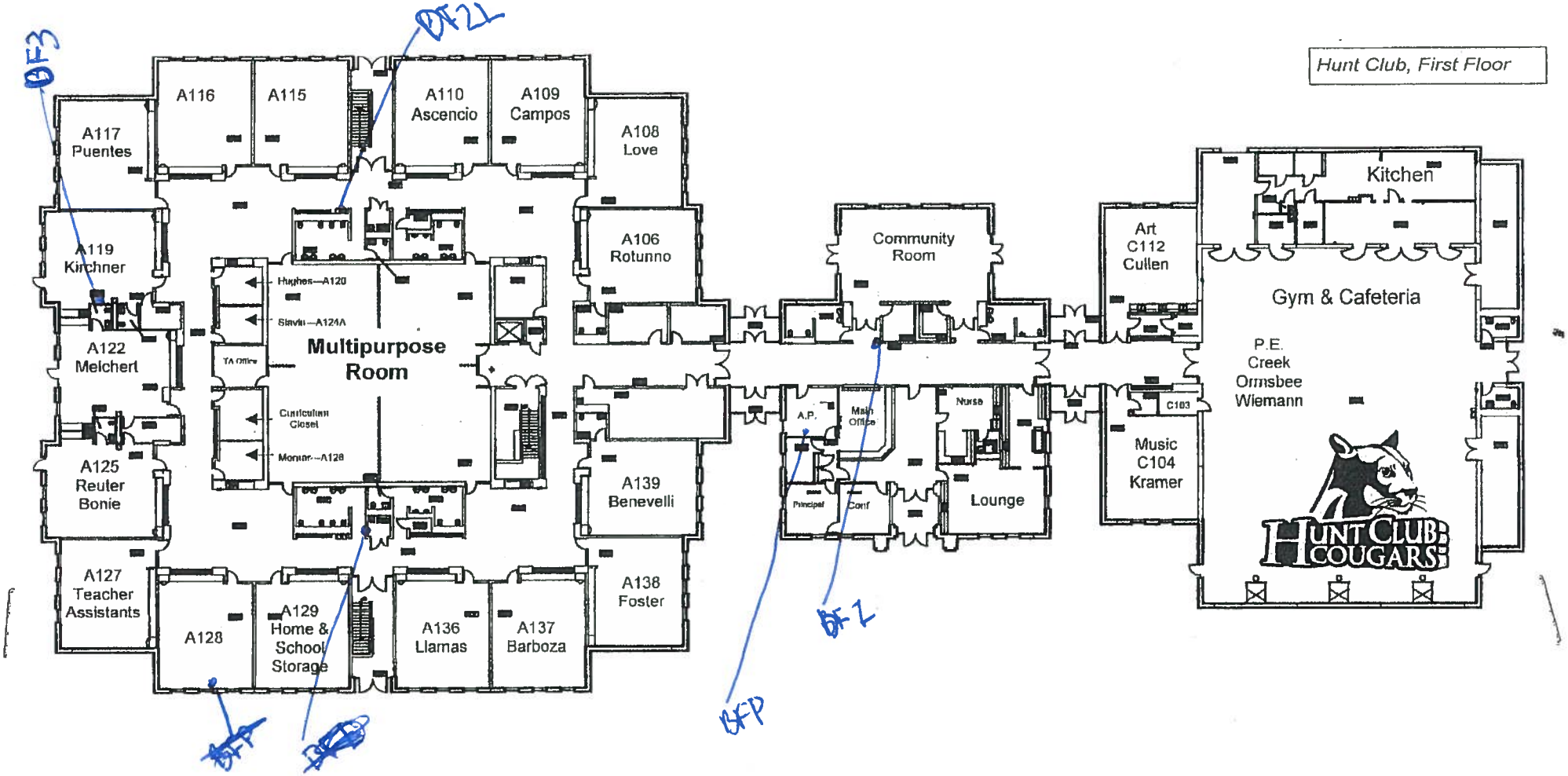


Home of the Huskies



SECOND FLOOR PLAN

Homestead Elementary School



Kindergarten
Kirchner, Julie — Room A119
Melchert, Brittany – Room A122
Puentes, Stacy — Room A117

First Grade
Ascencio, Nadia (DL) – Room A110
Campos, Rosa (DL) – Room A109
Love, Nicole – Room A108
Rotunno, Jackie– Room A106

Second Grade
Barboza, Michelle (DL) – Room A137
Benevelli, Michelle – Room A139
Foster, Allison – Room A138
Llarhas, Luisana (DL) – Room A136

Art
Cullen, Polly – Room C112

Music
Kramer, Mary – Room C104

Physical Education
Creek, Sam – Room C103
Ormsbee, Robbin – Room C103
Wiemann, Robert – Room C103

ELL
Mornar, Lynn – Room A126

KCSEC Coordinator
Polsic, Mike

Diagnostic Program
Bonie, Kristen – Room A125
Reuter, Cindy – Room A125

Social Worker
Hughes, Juanita – Room A120

Psychologist
Slavin, Lynn – Room A124A

Teaching Assistants — Room A127
Anderson, Karlene - Lab / LRC
Morales, Lorna – DL
Fauth, Sue — K-LEAP
Kras, Celeste — Interventions
Matthews, Jeanne - LDR
Lydia Janick — DL K-LEAP
Olhagaray, Teresa –DL Reading
Pasakarnis, Nancy – ILD

KCSEC Teaching Assistants
Arbet, Jeanne (ILD)
Dempsey, Katherine (individual)
Jaros, June (diagnostic)
Randazzo, Lisa (individual)

Office Staff
Goldman, Ann
Scott, Sharon

Health Specialist
Bredeweg, Marta

Custodians
White, James — Building Engineer
Giebel, Theo
Spencer, Brock
Wood, Chip

ICE Students

Student Teacher
Austin, Jacob (PE)

Aramark
Zentmyer, Dawn, Manager
Laird, Joanne
Manesiotis, Olga
Velasquez, Maria

Hunt Club Elementary School
Faculty & Staff 2010-2011

Phil Murray, Principal
Kathleen Dineen-Hendricks, Assistant Principal

Revised 7/13/2010

Hunt Club, Second Floor

Third Grade
Brolley, Rosa (DL) – Room A225
Laughary, Kelly – Room A229
McGann, Kim – Room A228
Vélez, Lorraine (DL) -- Room A227

Fourth Grade
Alzueta, Elizabeth (DL) – Room A217
Hernandez, Cristina (DL) – Room A237
Koehne, Valerie – Room A215
Koh, Helen (DL) – Room A236
Kontos, Anna Marie – Room A239

Fifth Grade
Craig, Kelly (DL) — A206
Haas, Eric – Room A209
Morgan, Toni (DL) — A208
Van Dusen, Jennifer – Room A210

Reading Specialists
Bittner, Stacey (DL) – Room A226
Lockhart, Jenna – Room A240

Learning Disabilities
Cruger, Donna – Room A238
Paquette, Monica – Room A219
Serritella, Jessica (DL) – Room A220

Speech-Language Pathologists
Blum, Andrea — Room A203
Knaga, Maureen – Room A202

Learning Center
Witwicki, Katrina – Room A207

AT Teacher
Blaszynski, Samantha– Room A224

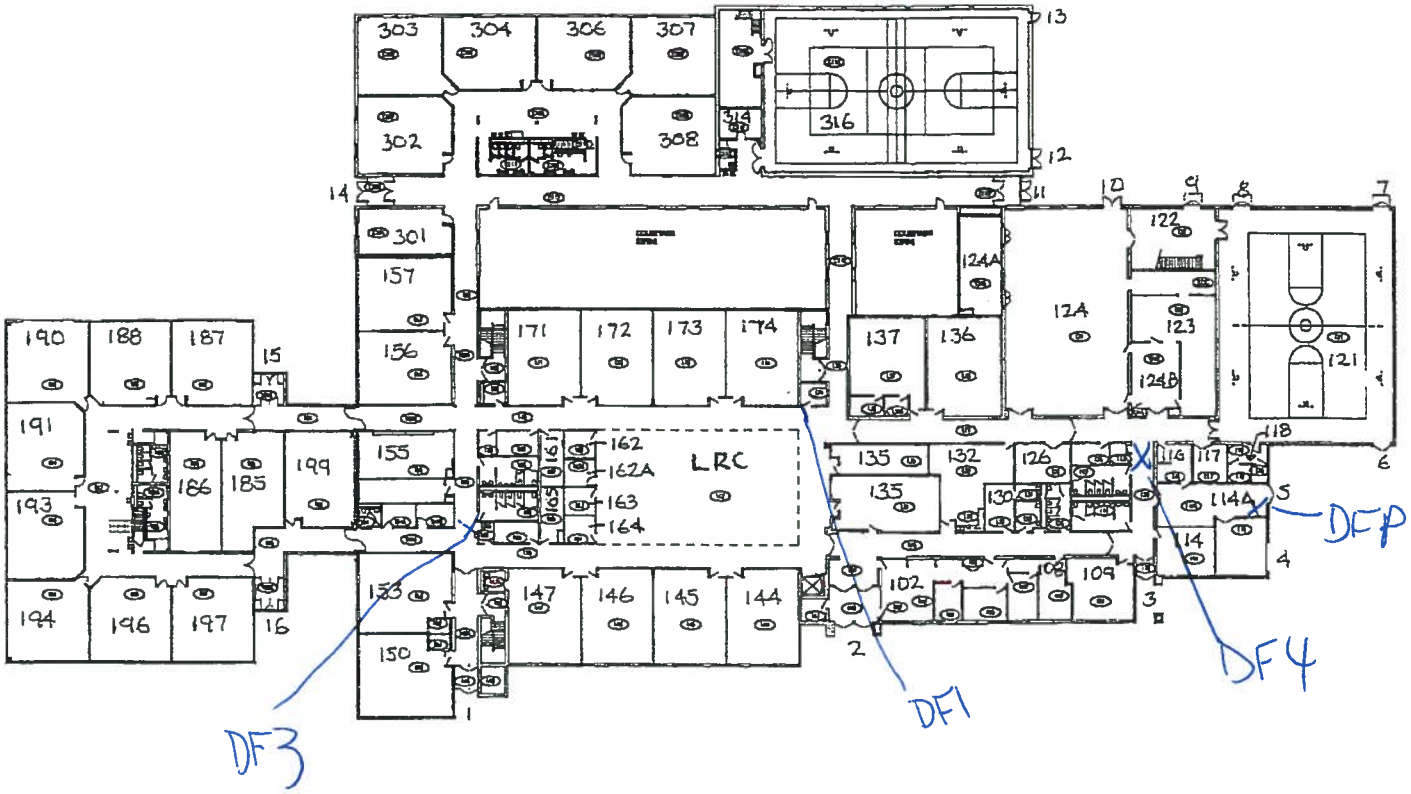
HUNT CLUB COUGARS

Revised 7/13/2010

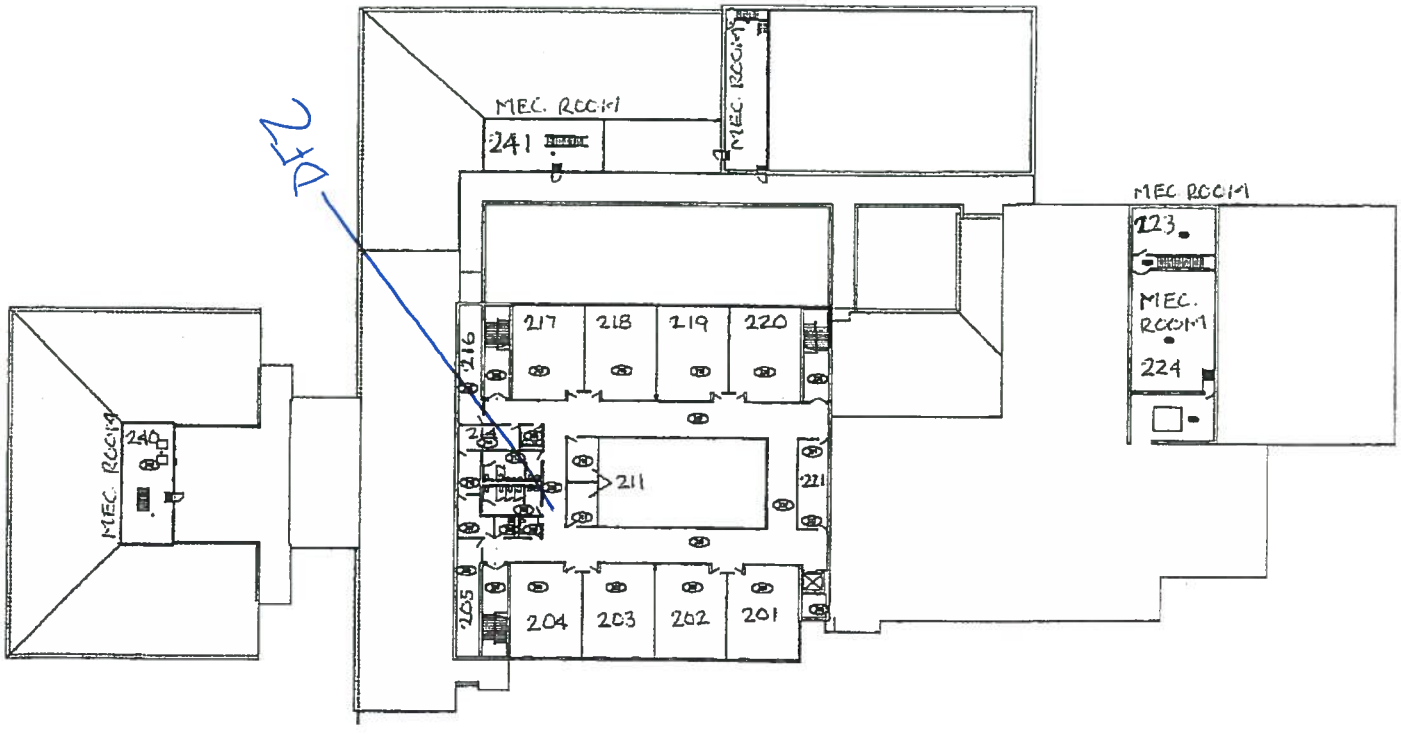
DF4U

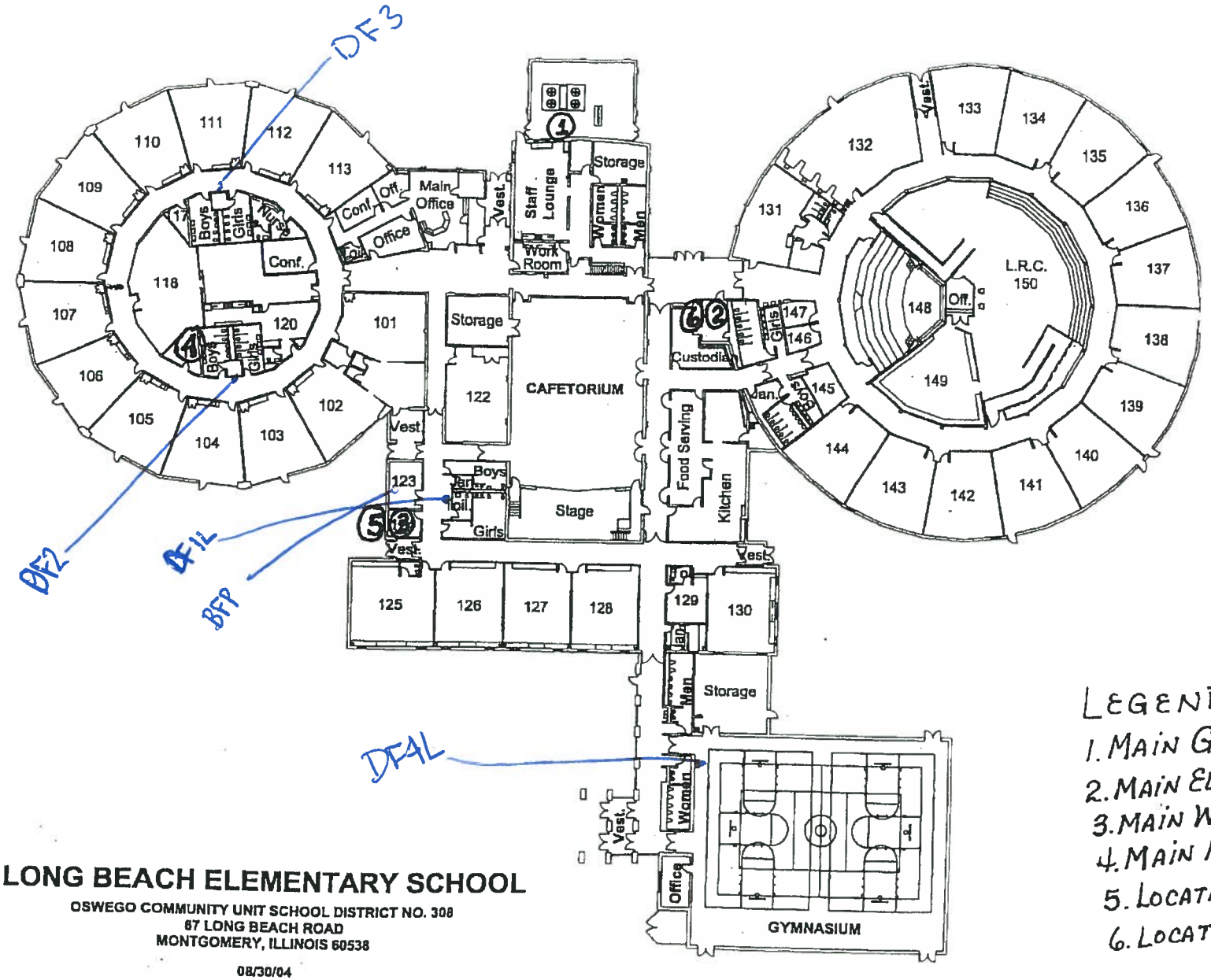
Lakewood Creek Elementary

First floor Plan



Second Floor Plan



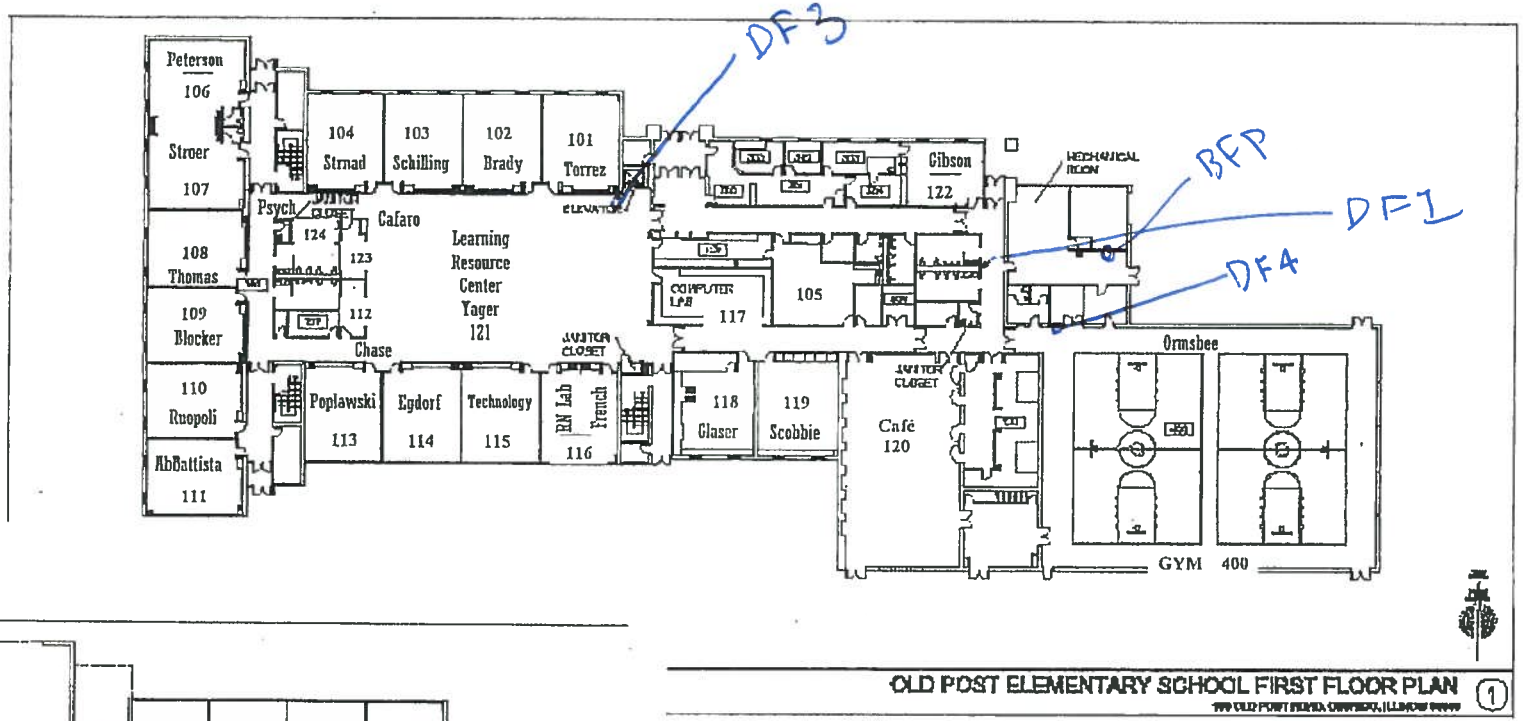


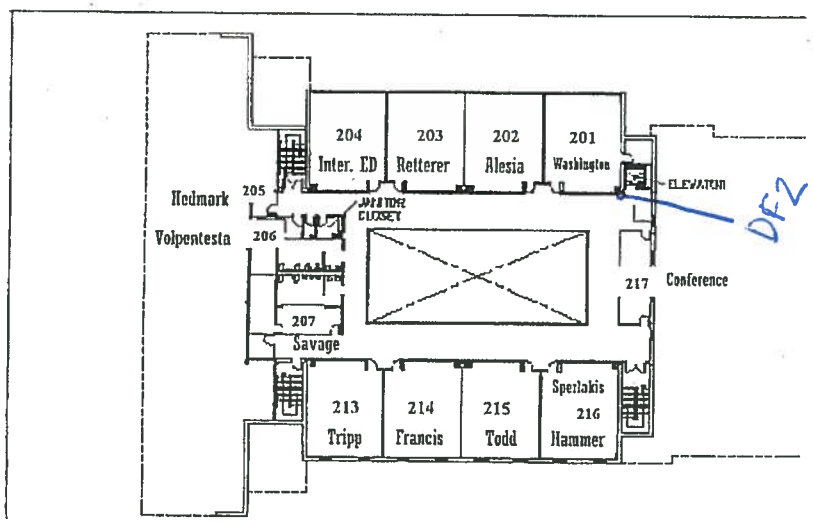
LONG BEACH ELEMENTARY SCHOOL

OSWEGO COMMUNITY UNIT SCHOOL DISTRICT NO. 308
67 LONG BEACH ROAD
MONTGOMERY, ILLINOIS 60538

08/30/04

LEGEND:
1. MAIN GAS SHUT-OFF
2. MAIN ELECTRIC SHUT-OFF
3. MAIN WATER SHUT-OFF
4. MAIN FIRE ALARM PANE
5. LOCATION OF FIRE PUMP
6. LOCATION OF M.S.D.S.





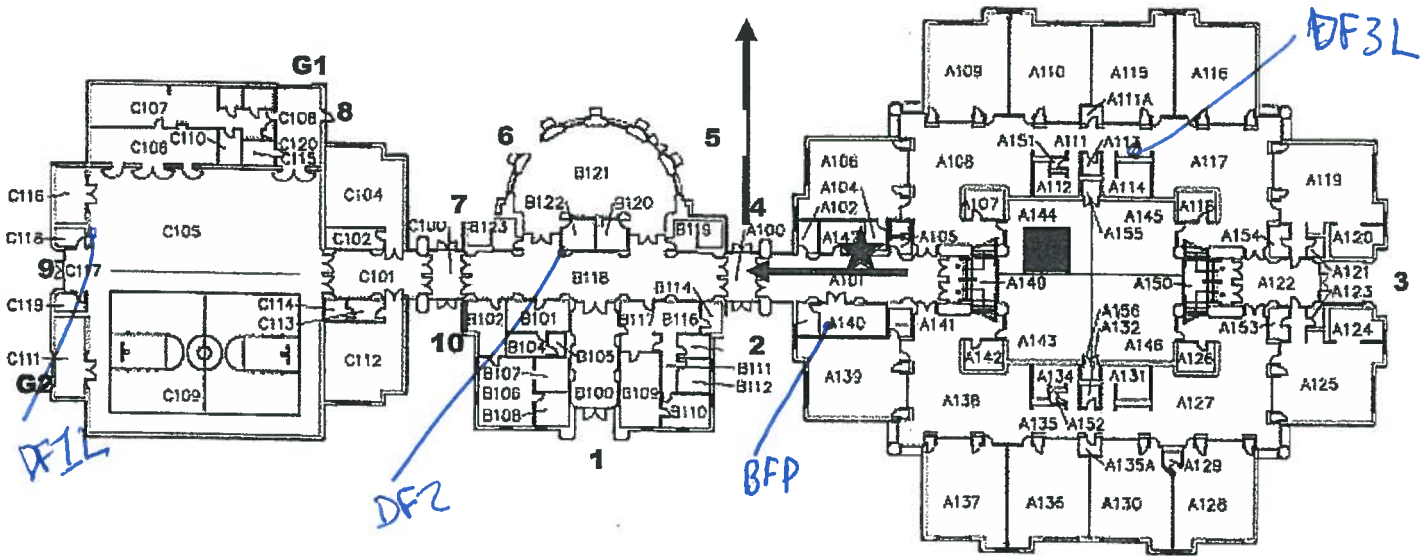
OLD POST ELEMENTARY SCHOOL FIRST FLOOR PLAN (1)

Prairie Point Elementary School
Fire and Severe Weather Information

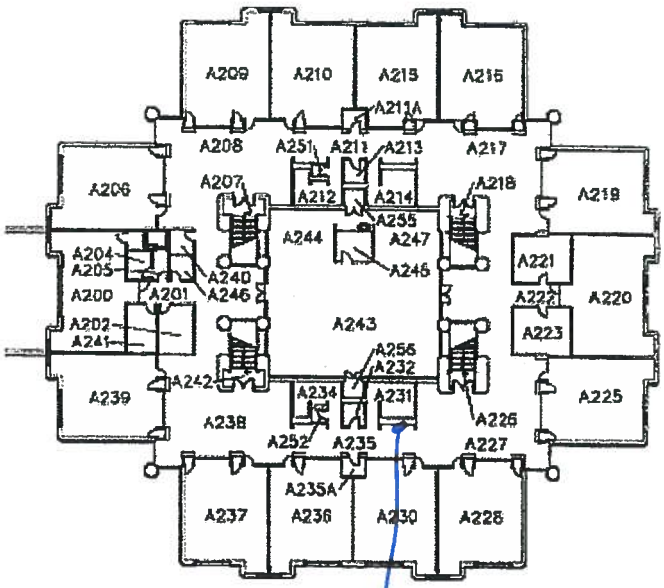
★ = You Are Here

→ = Fire Exit

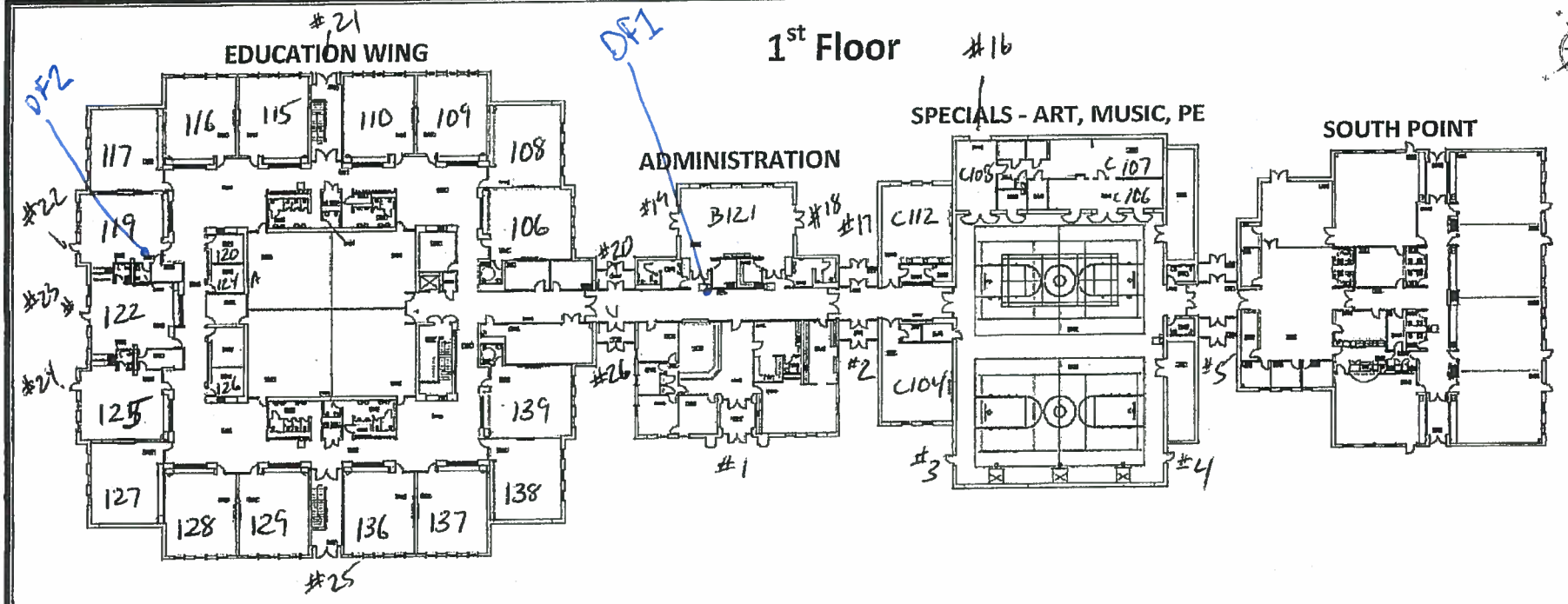
■ = Severe Weather Shelter

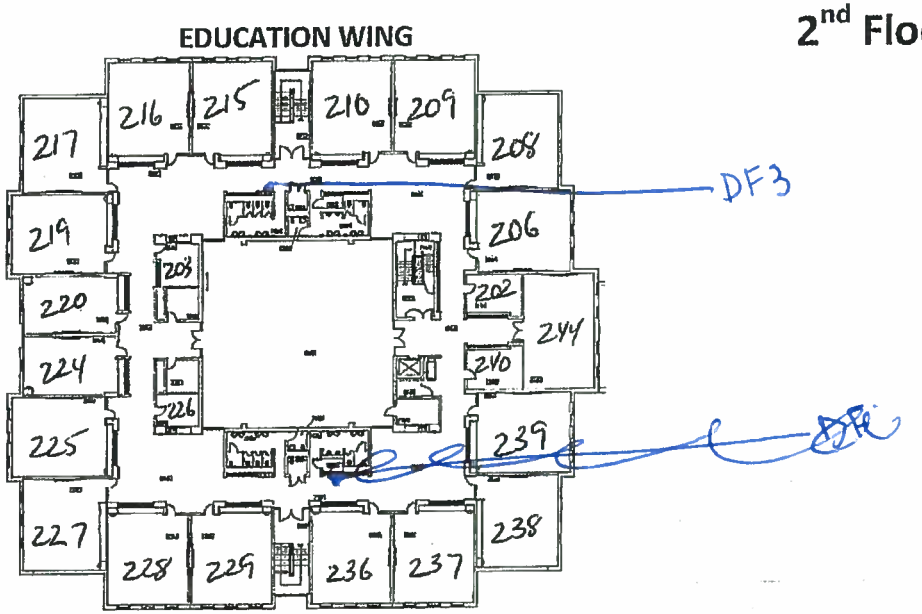


First Floor



Second Floor

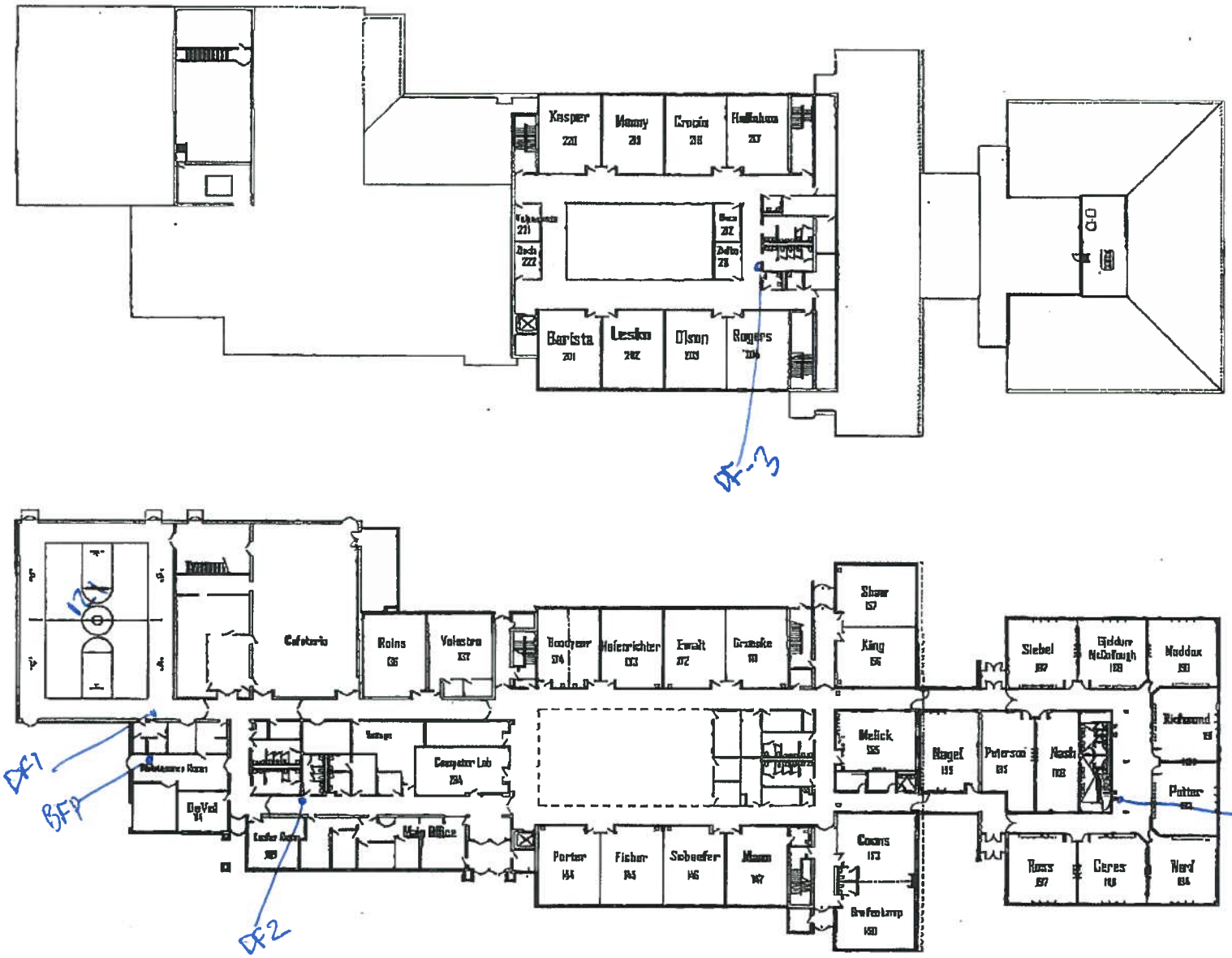


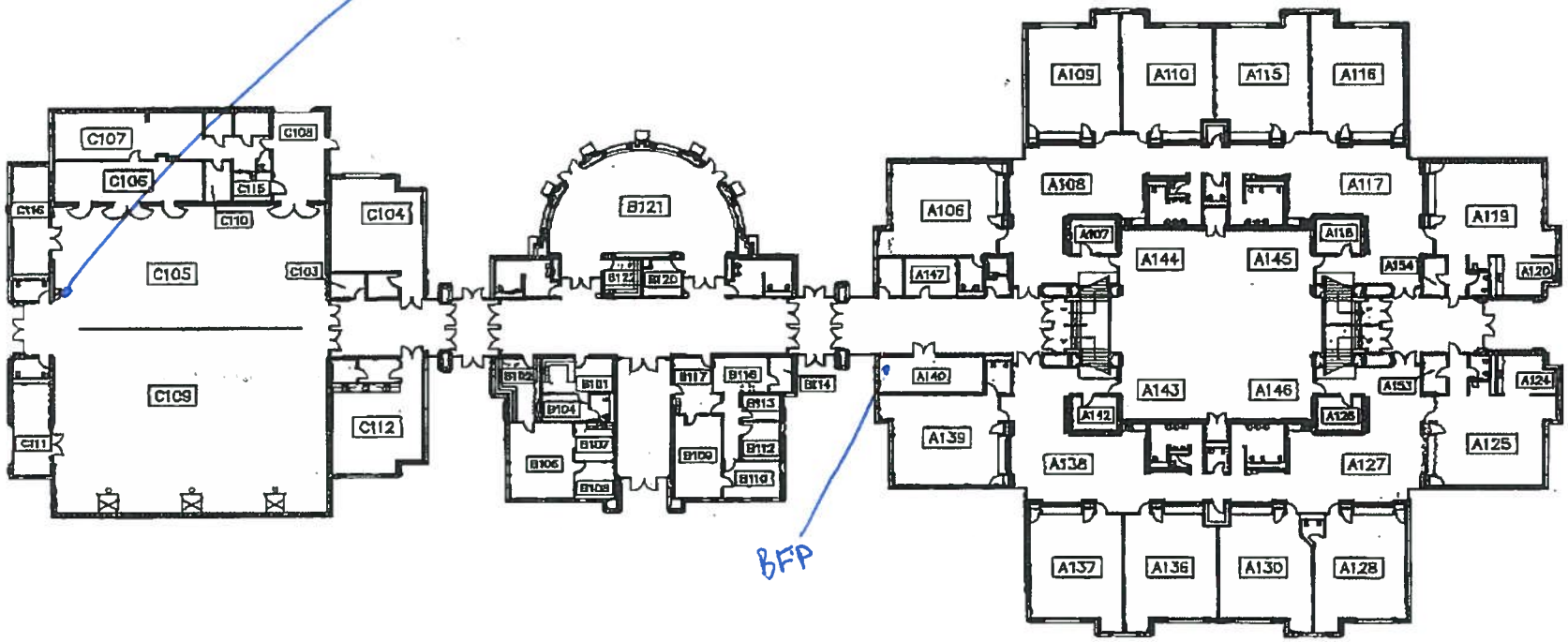


SOUTHBURY ELEMENTARY SCHOOL

ESTABLISHED 2008

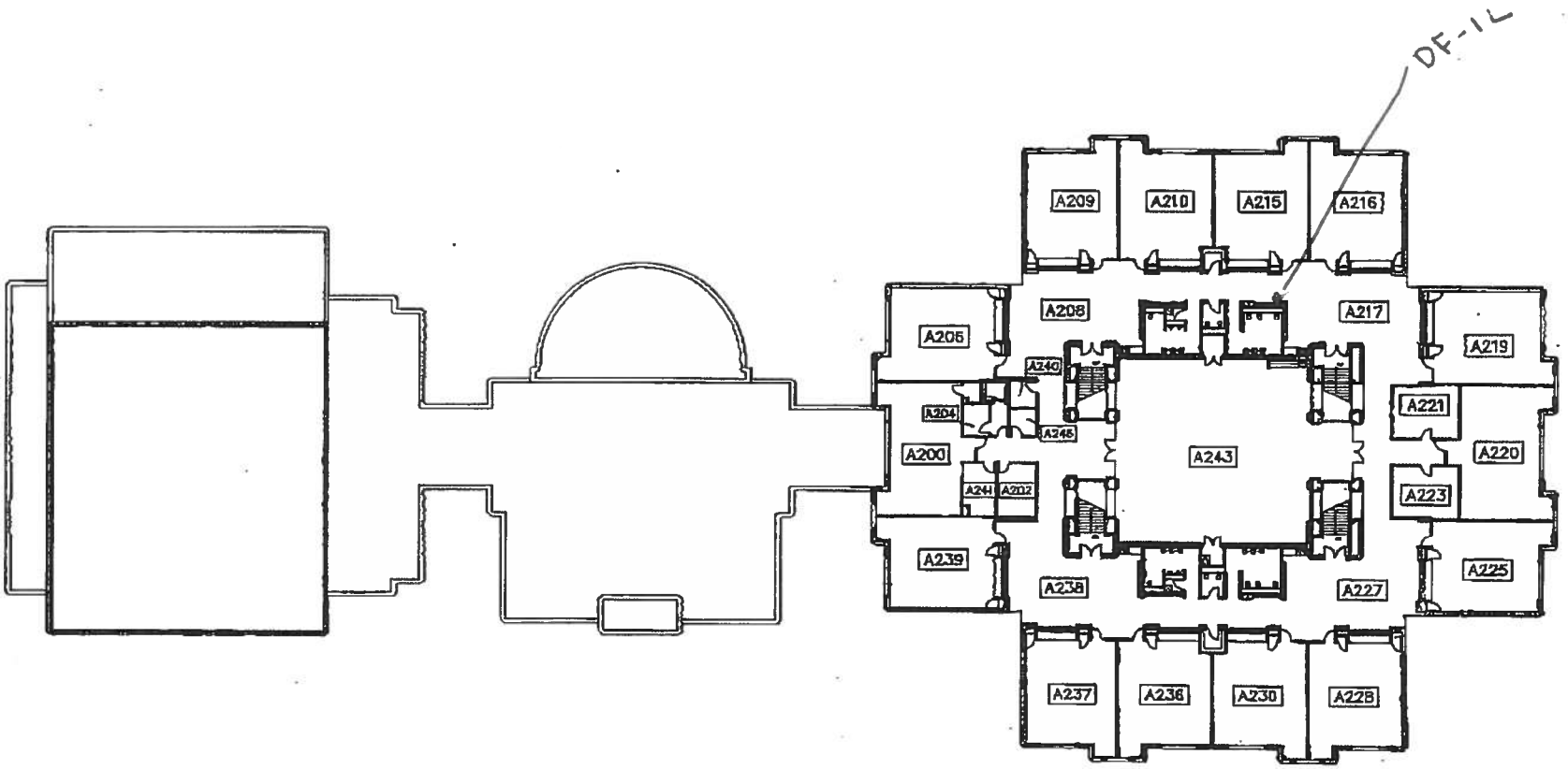
The Wheatlands





Wolf's Crossing Elementary School

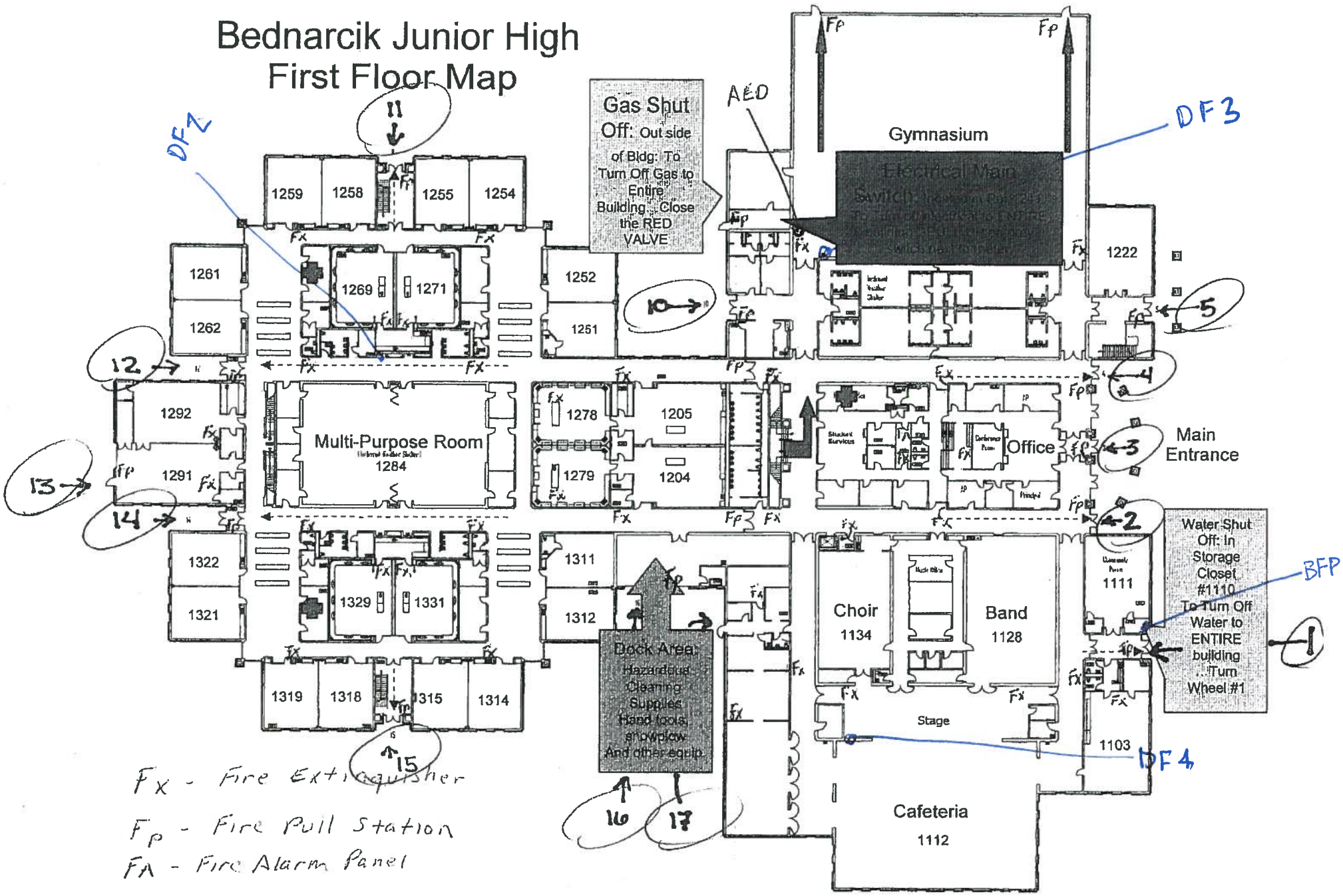
First Floor Pl



Wolf's Crossing Elementary School

Second Floor Plar

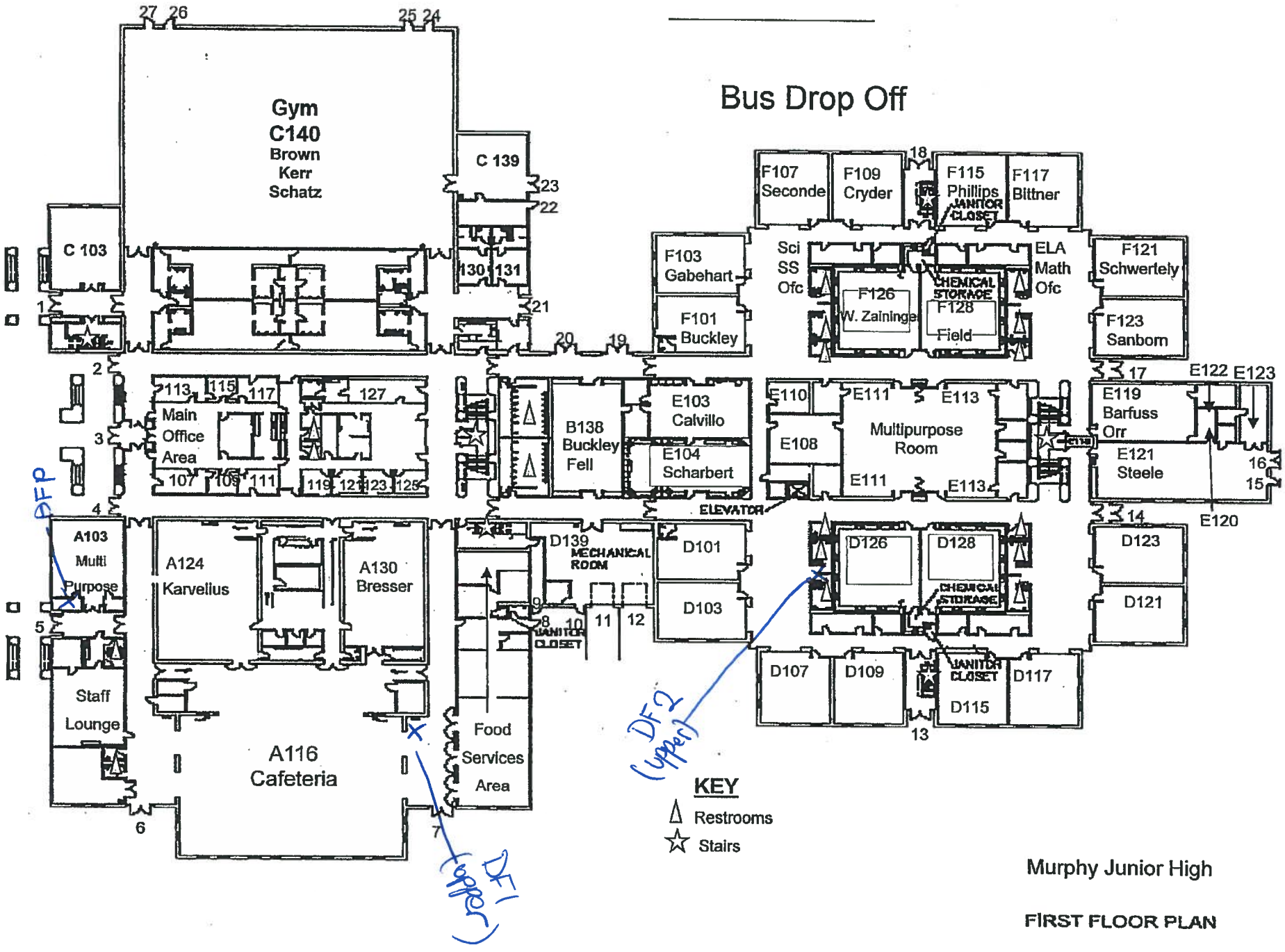
Bednarcik Junior High
First Floor Map

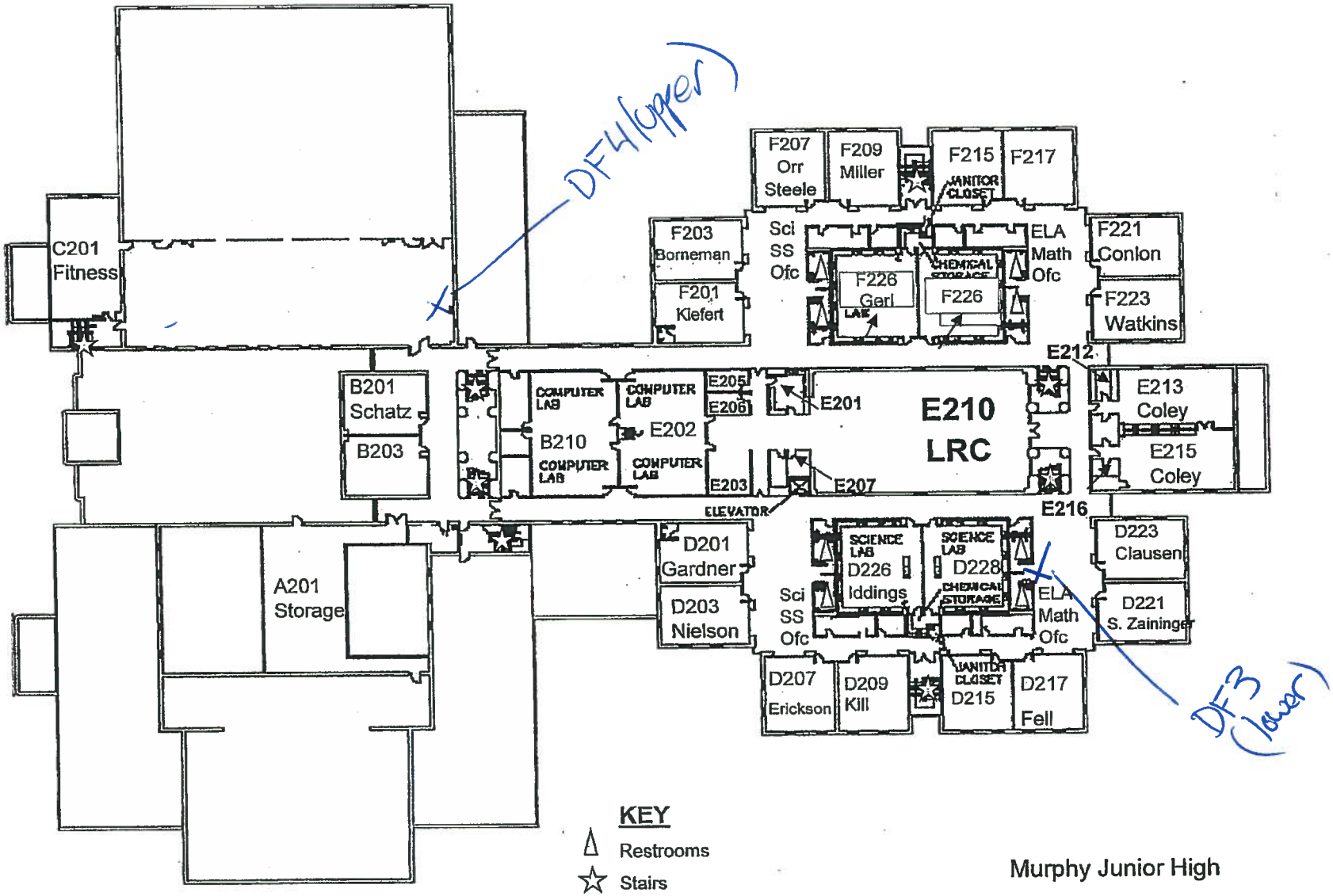


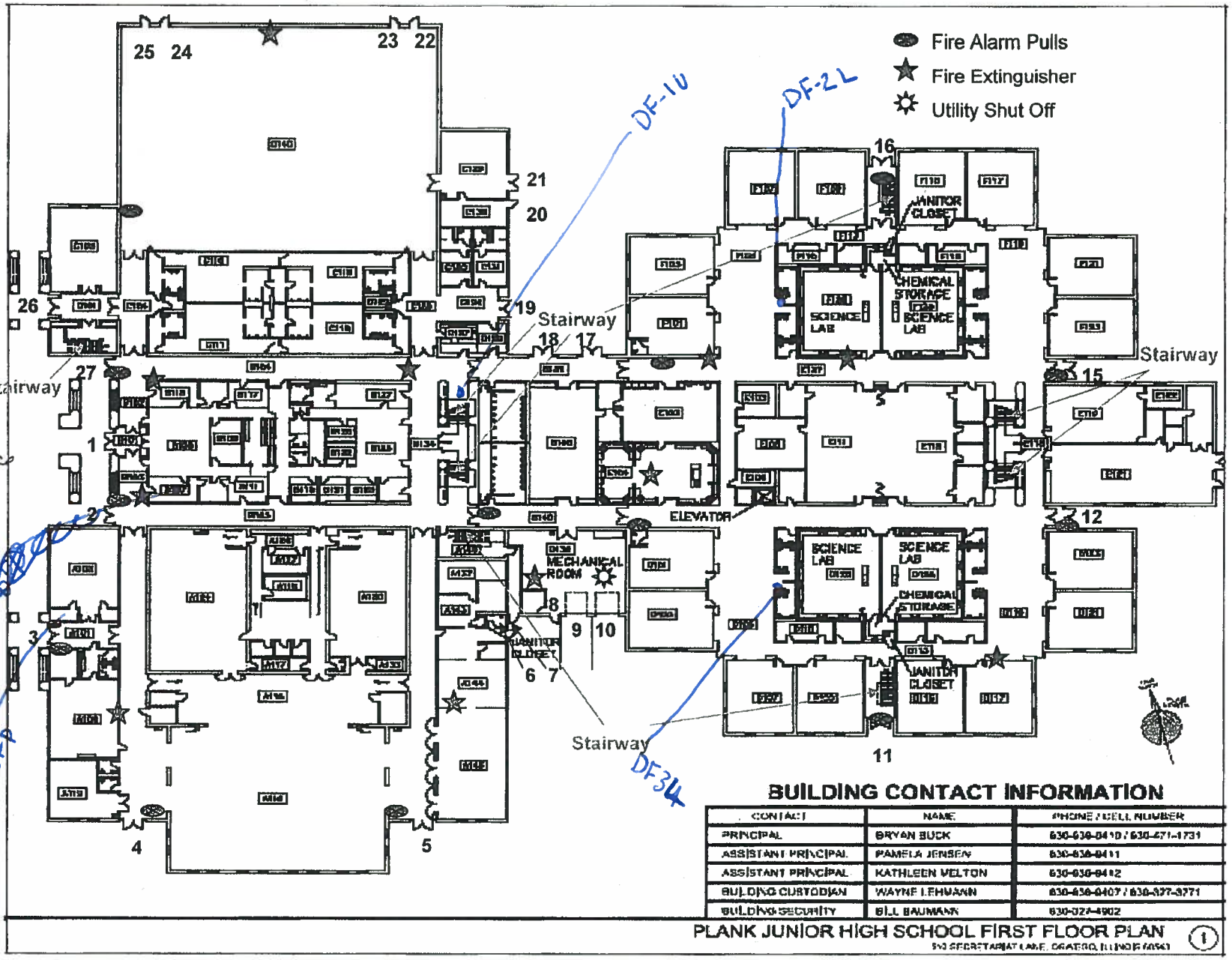
Fx - Fire Extinguisher

Fp - Fire Pull Station

FA - Fire Alarm Panel


Bus Drop Off
Gym
C140
Brown
Kerr
Schatz
C 139
C 103
130 131
F107 Seconde
F109 Cryder
F115 Phillips
JANITOR CLOSET
F117 Bittner
F103 Gabehart
F101 Buckley
Sci SS Ofc
F126 W. Zaininger
CHEMICAL STORAGE
F128 Field
ELA Math Ofc
F121 Schwertely
F123 Sanborn
113 115 117 127
Main Office Area
107 109 111 119 121 123 125
B138 Buckley Fell
E103 Calvillo
E104 Scharbert
E110
E111
E113
E108
Multipurpose Room
E119 Barfuss Orr
E121 Steele
E122 E123
E120
ELEVATOR
DFP
A103 Multi Purpose
A124 Karvellus
A130 Bresser
D139 MECHANICAL ROOM
D101
D103
JANITOR CLOSET
D126
D128
CHEMICAL STORAGE
D123
D121
D107
D109
JANITOR CLOSET
D115
D117
Staff Lounge
A116 Cafeteria
Food Services Area
DF2 (upper)
DF1 (upper)
KEY
Restrooms
Stairs
Murphy Junior High
FIRST FLOOR PLAN


DF4 (upper)
C201
Fitness
F207
Orr
Steele
F209
Miller
F215
JANITOR CLOSET
F217
F203
Borneman
F201
Klefert
Sci
SS
Ofc
F226
Gerl
LAB
CHEMICAL STORAGE
F226
ELA
Math
Ofc
F221
Conlon
F223
Watkins
E212
B201
Schatz
B203
COMPUTER LAB
B210
COMPUTER LAB
COMPUTER LAB
E202
COMPUTER LAB
E205
E206
E203
E201
E210
LRC
E207
E213
Coley
E215
Coley
ELEVATOR
E216
A201
Storage
D201
Gardner
D203
Nielson
SCIENCE LAB
D226
Iddings
SCIENCE LAB
D228
CHEMICAL STORAGE
Sci
SS
Ofc
ELA
Math
Ofc
D223
Clausen
D221
S. Zaininger
D207
Erickson
D209
Kill
JANITOR CLOSET
D215
D217
Fell
DF3 (lower)
KEY
Restrooms
Stairs
Murphy Junior High
SECOND FLOOR PLAN



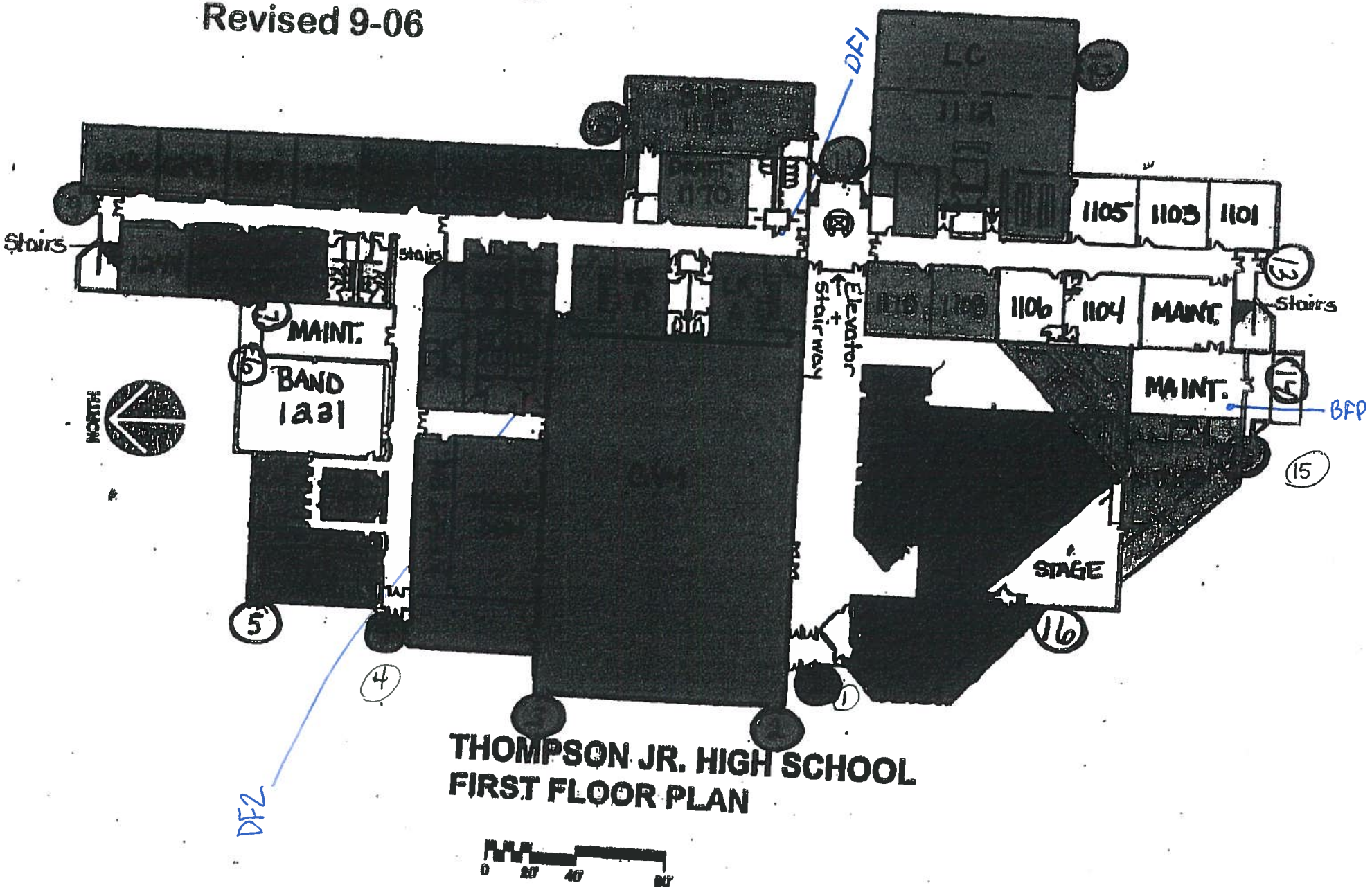
BUILDING CONTACT INFORMATION

CONTACT	NAME	PHONE / CELL NUMBER
PRINCIPAL	BRYAN BUCK	630-636-8410 / 630-471-1731
ASSISTANT PRINCIPAL	PAMELA JENSEN	630-636-8411
ASSISTANT PRINCIPAL	KATHLEEN MELTON	630-636-8412
BUILDING CUSTODIAN	WAYNE LEHMANN	630-636-8407 / 630-337-3771
BUILDING SECURITY	BILL BAUMANN	630-022-4902

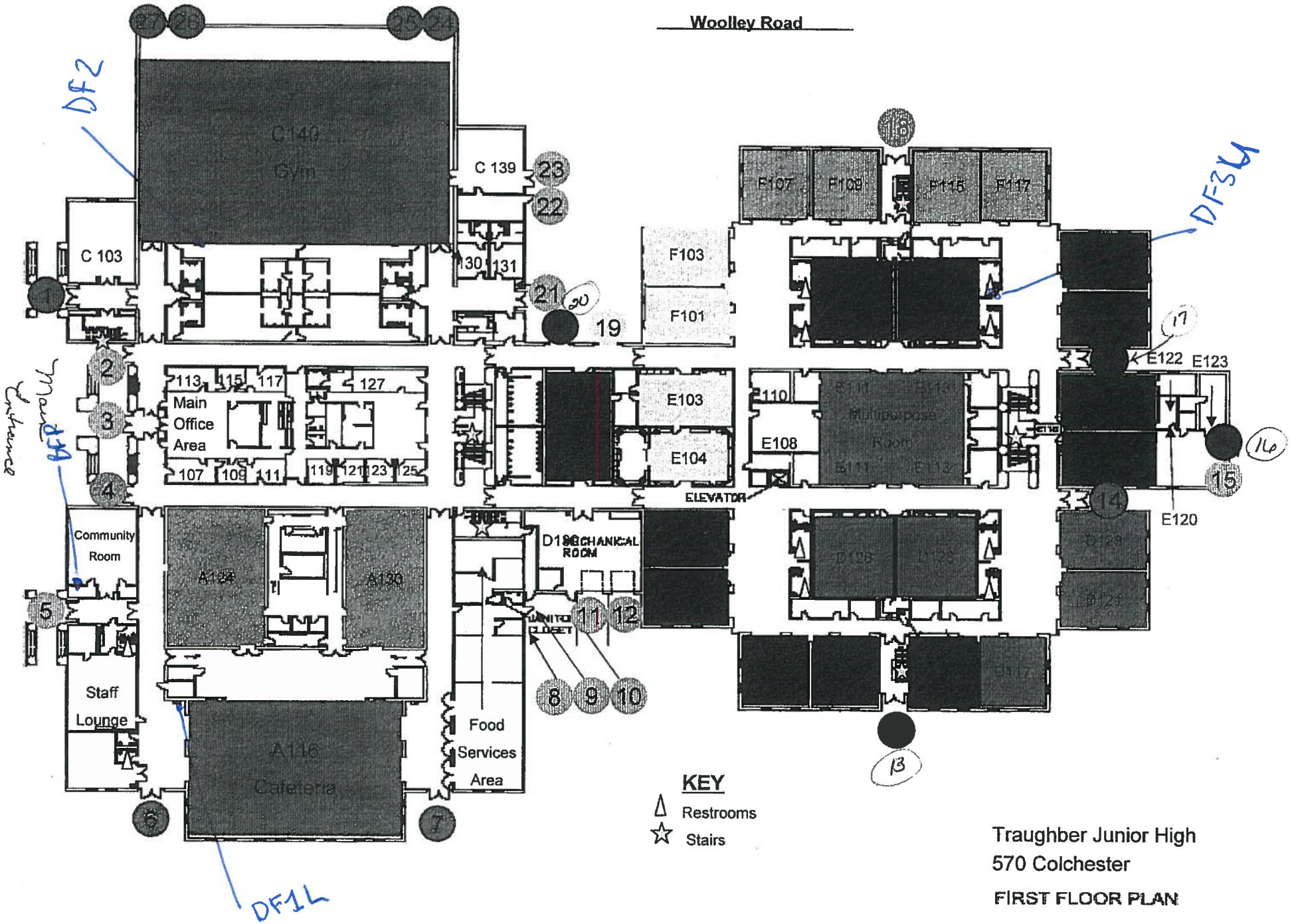
PLANK JUNIOR HIGH SCHOOL FIRST FLOOR PLAN ①

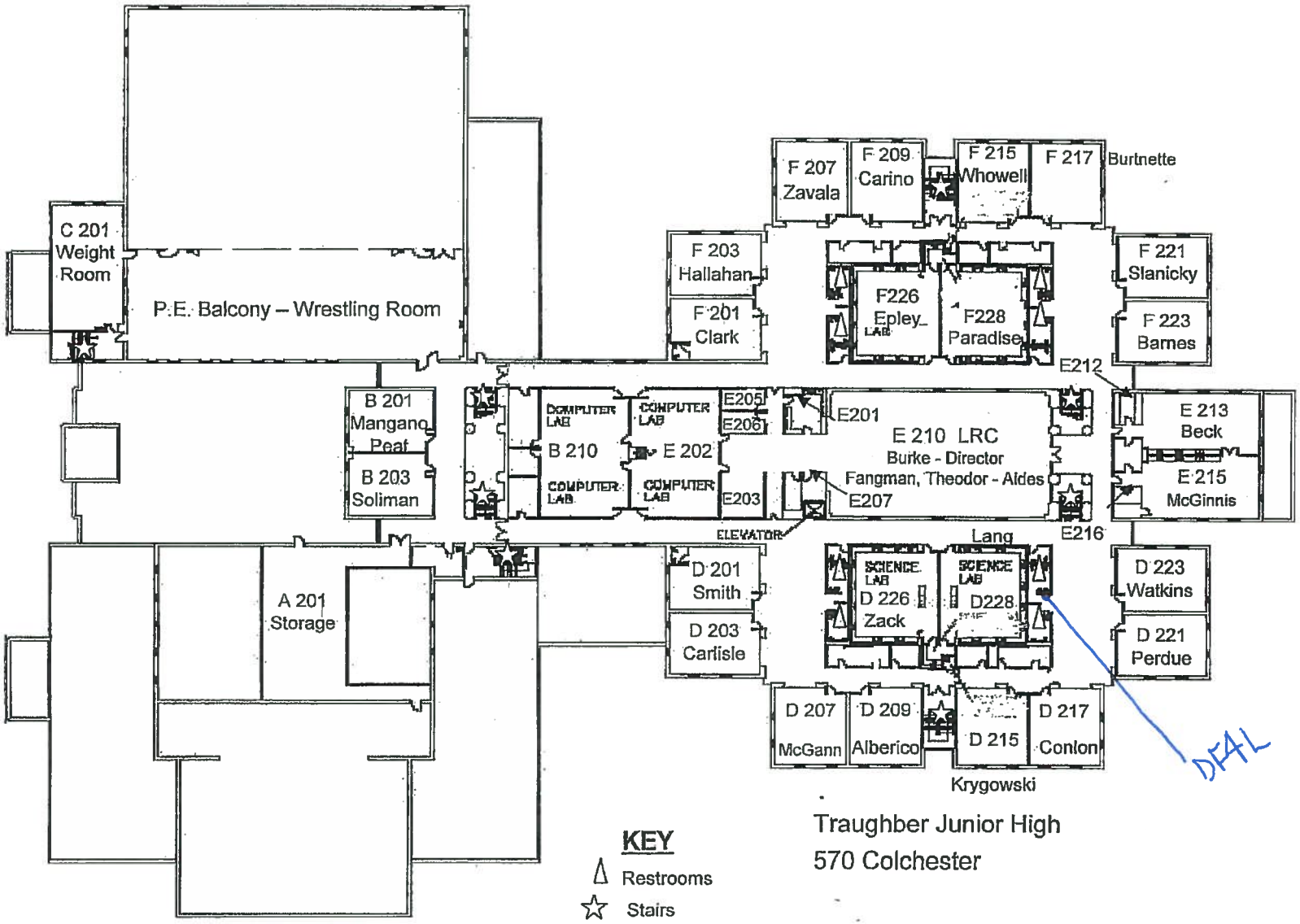
540 SECRETARIAT LANE, OSWEGO, ILLINOIS 60543

Fi. e/Evacuation Procedures
Revised 9-06

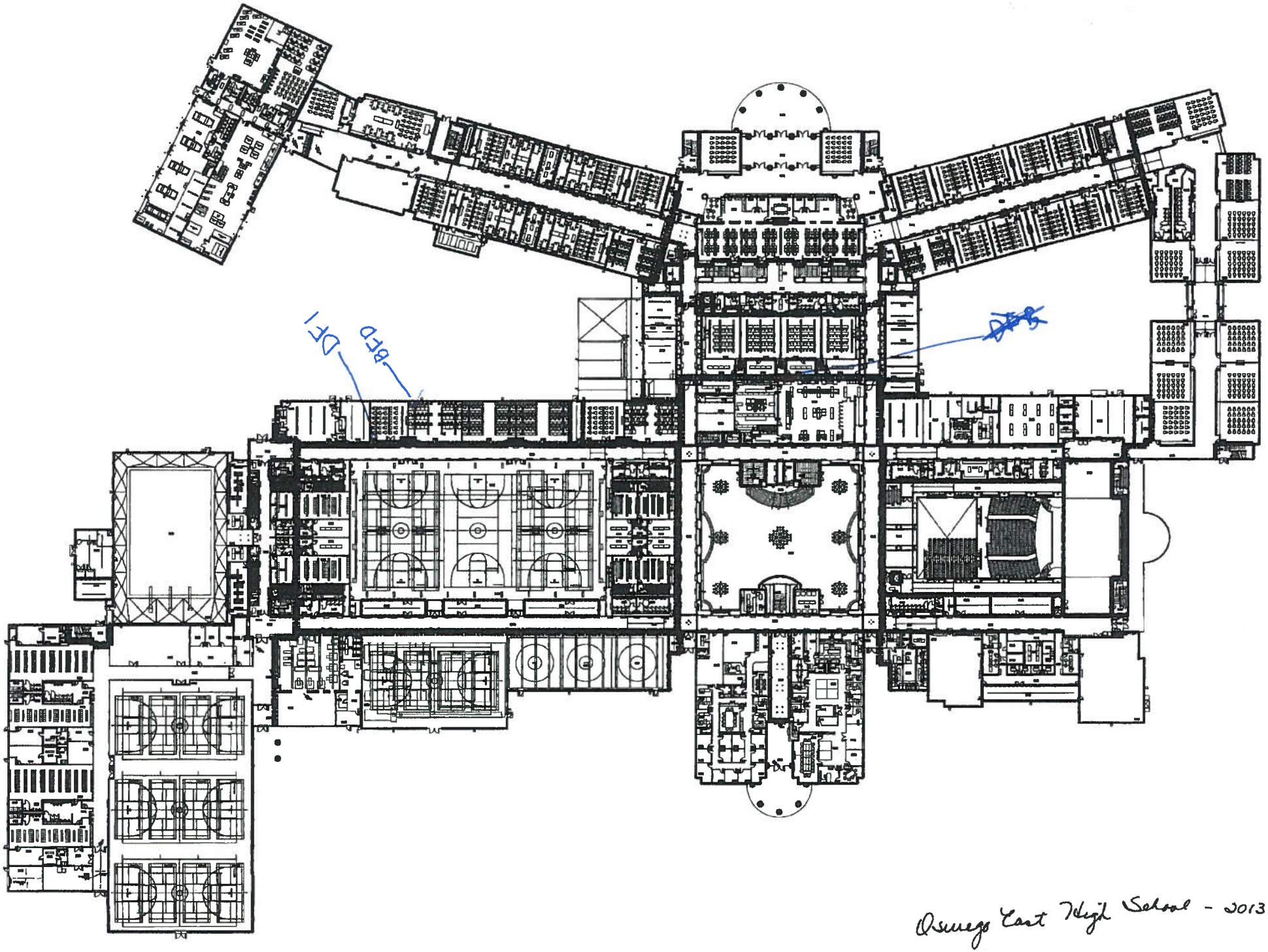


THOMPSON JR. HIGH SCHOOL
FIRST FLOOR PLAN

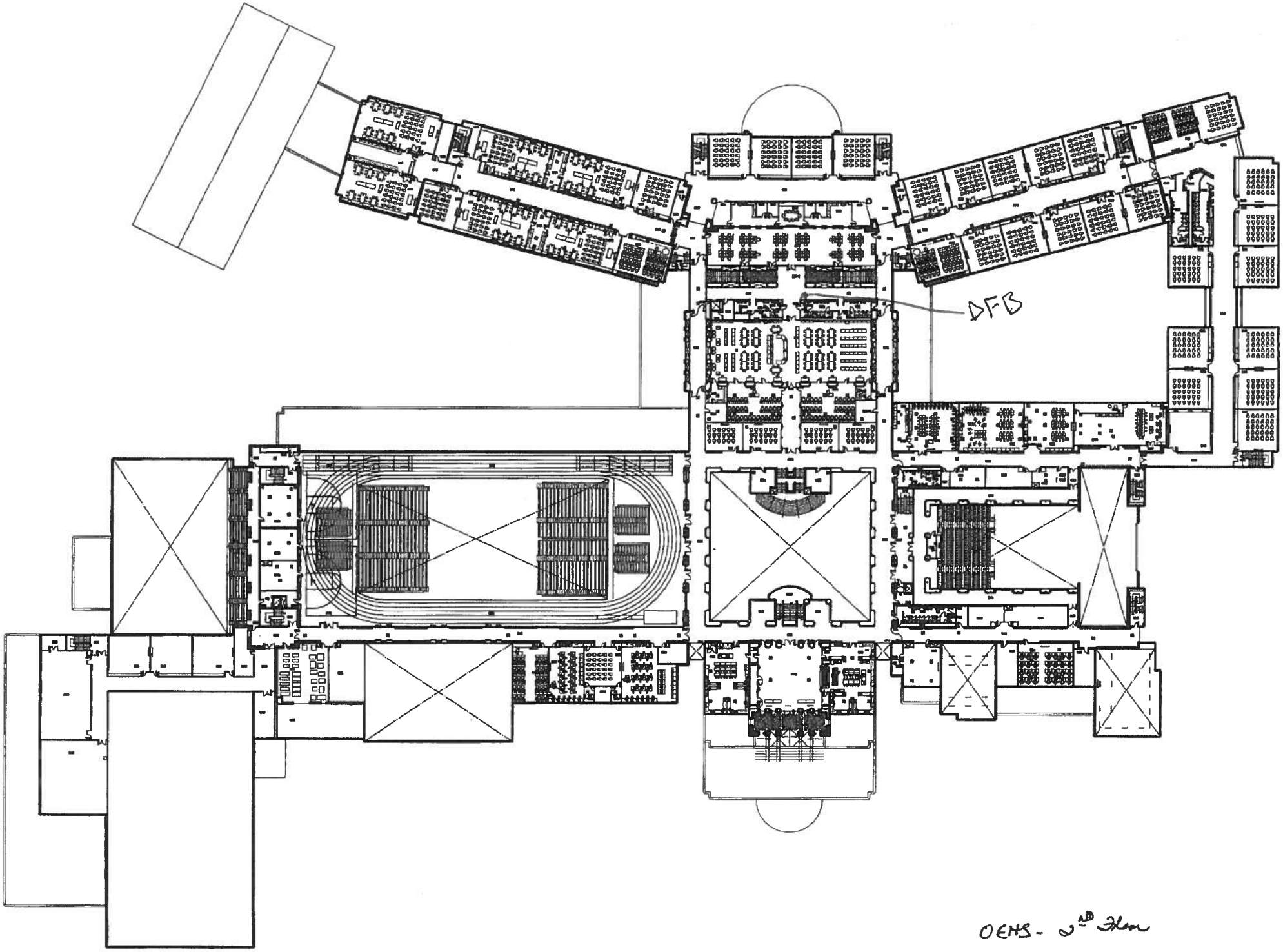

Woolley Road
C140
Gym
C 139
C 103
F103
F101
F107
F109
F115
F117
E103
E104
E108
110
E122
E123
E120
113
115
117
127
Main
Office
Area
107
109
111
119
121
123
125
Community
Room
A124
A130
A116
Cafeteria
Staff
Lounge
Food
Services
Area
ELEVATOR
UNIT CLOSET
DF2
DF3&4
DF1&2
Main Entrance
KEY
Restrooms
Stairs
Traughber Junior High
570 Colchester
FIRST FLOOR PLAN

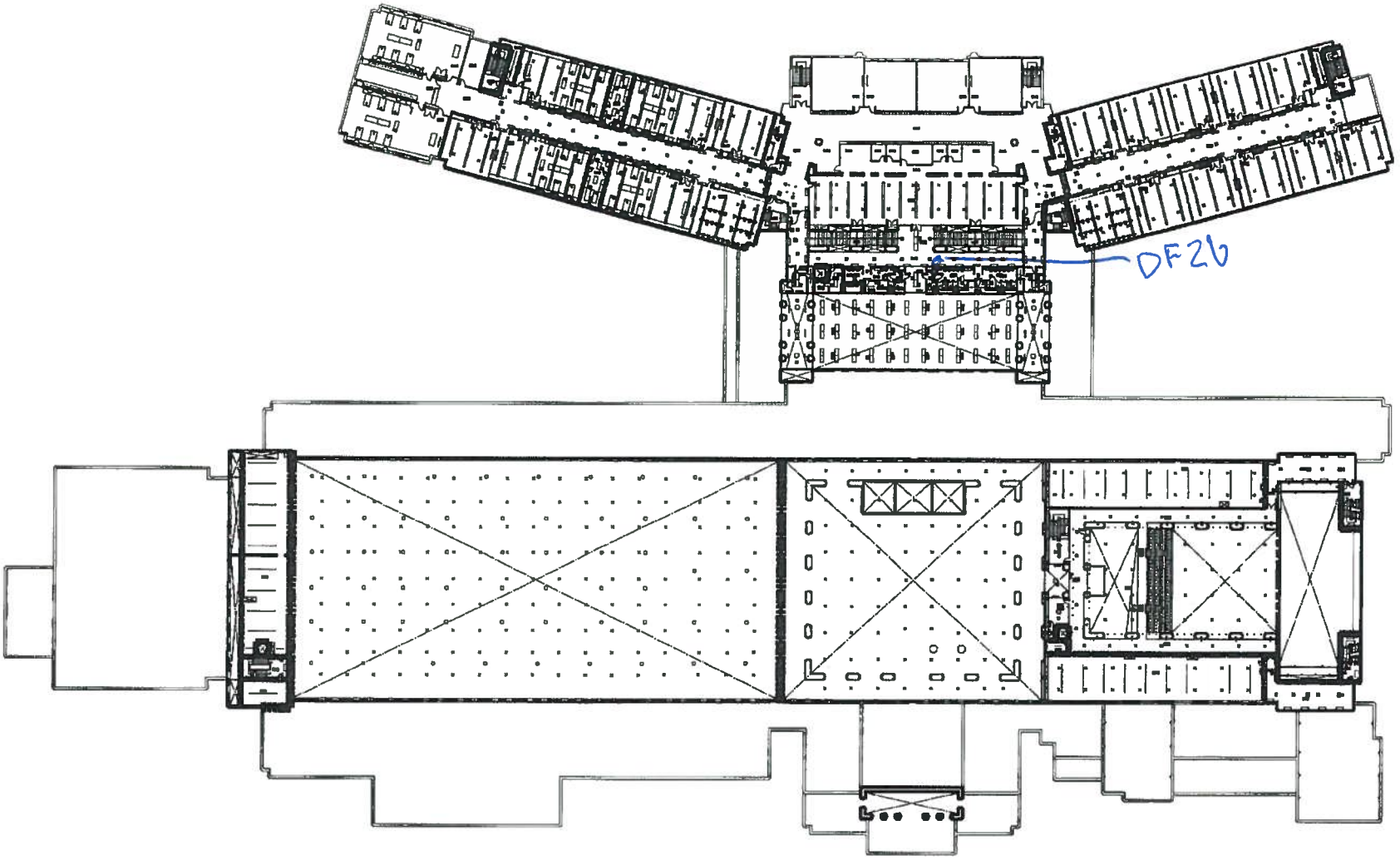


SECOND FLOOR PLAN

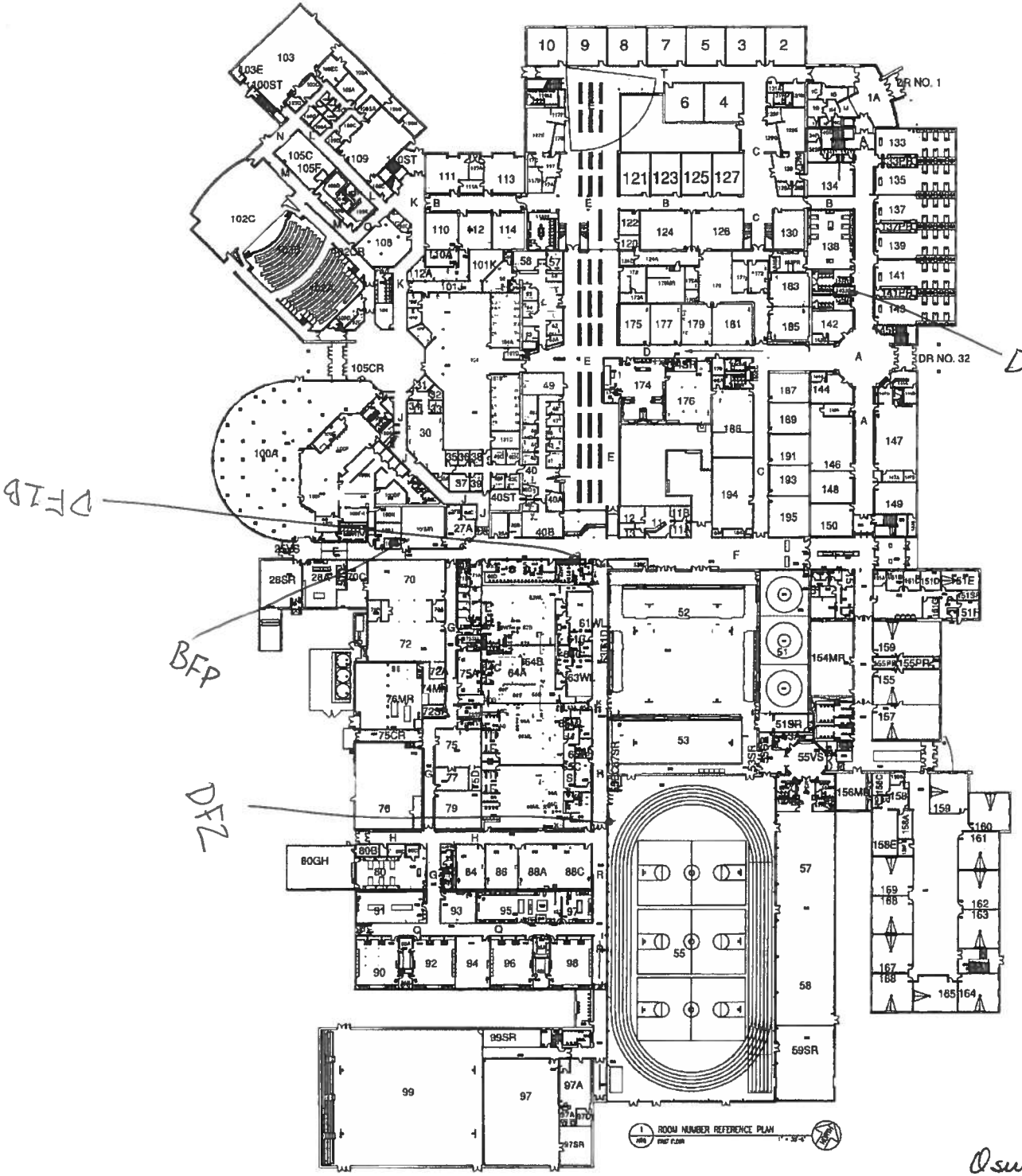


Oswego East High School - 2013

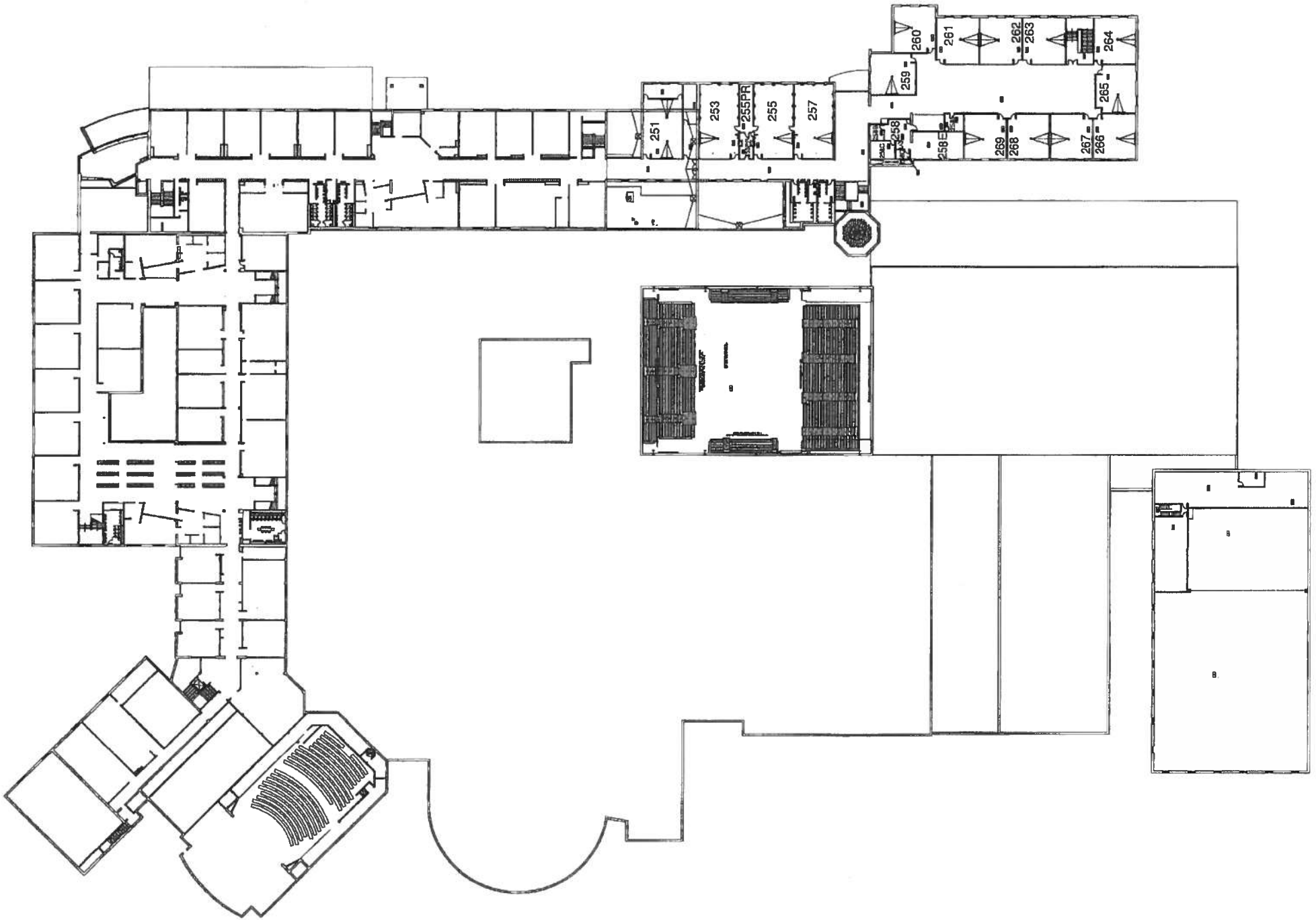

DFB
OEHS - 2nd Floor



OEHS - 3RD Floor



Oswego High School - 2013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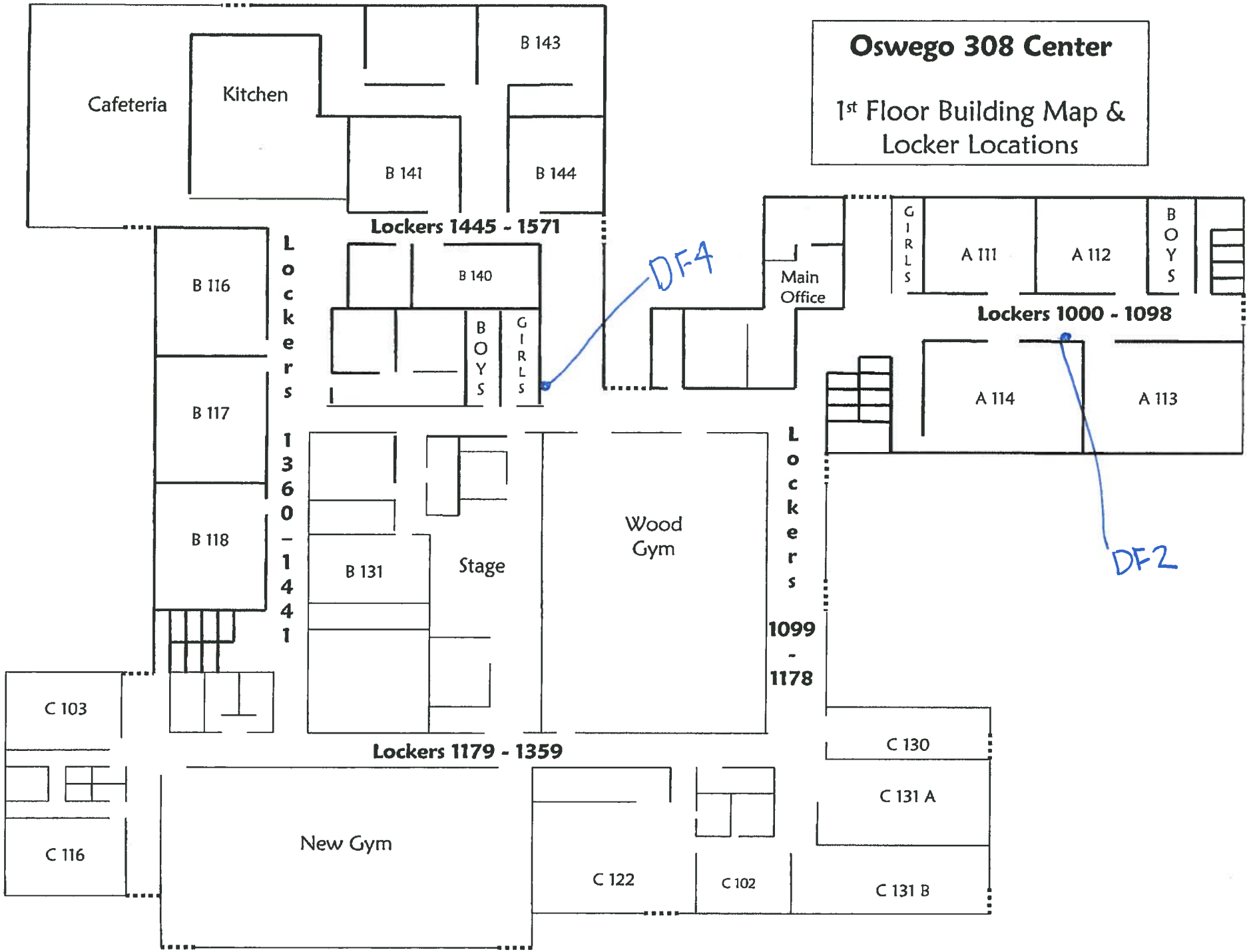
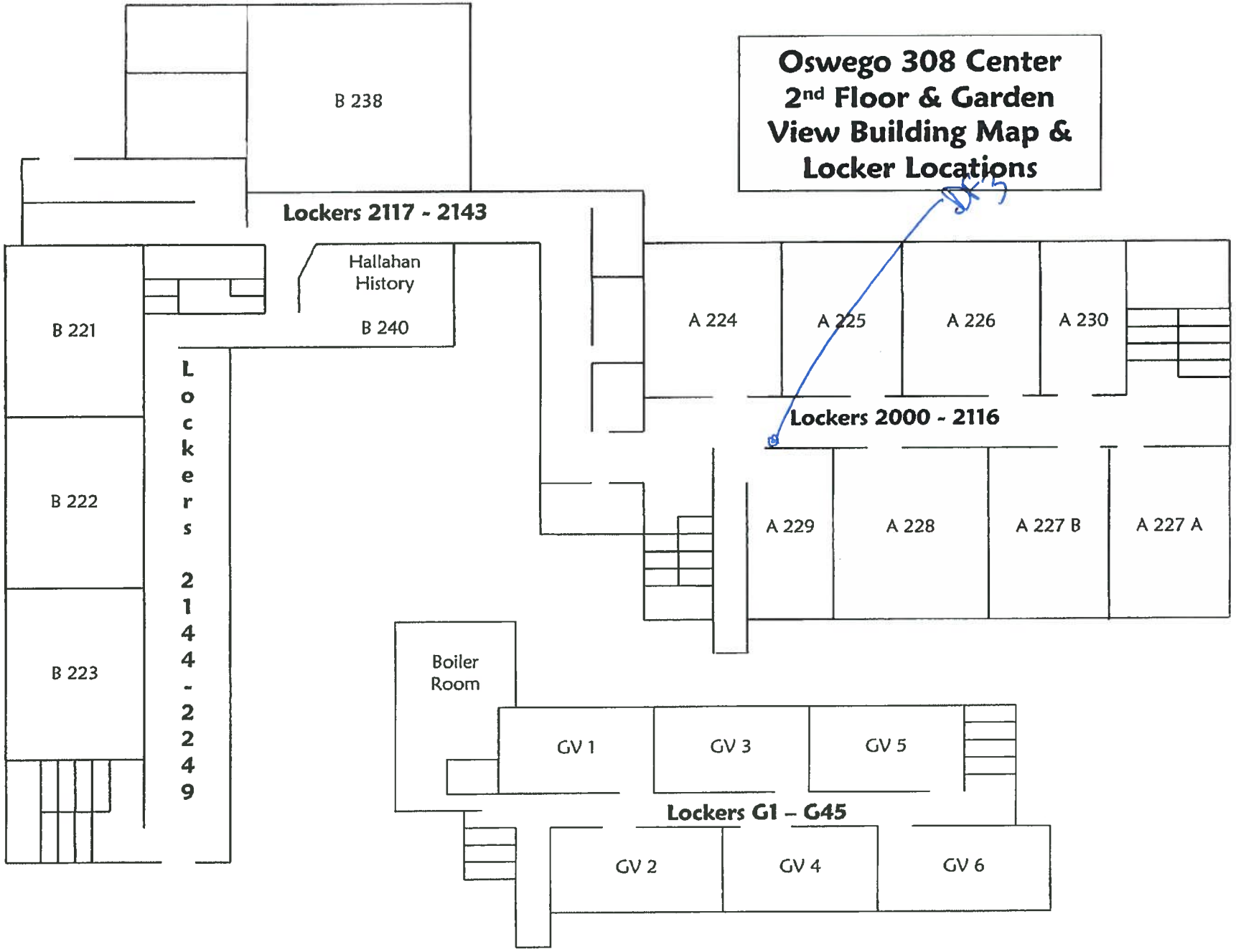
Oswego 308 Center

1st Floor Building Map & Locker Locations



Oswego 308 Center
2nd Floor & Garden
View Building Map & Locker Locations



APPENDIX C

LABORATORY ANALYTICAL REPORTS

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

August 03, 2016

Workorder: 1607E10

Bob Anderson
Hygieneering, Inc.
7575 Plaza Court
Willowbrook, IL 60521

TEL: (630) 654-2550
FAX:

RE: Brokaw Early Learning Center Drinking Water Lead and Copper Analysis

Dear Bob Anderson:

Suburban Laboratories, Inc. received 5 sample(s) on 7/18/2016 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 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
Logistics 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: Hygieneering, Inc.
Project: Brokaw Early Learning Center Drinking Water
WorkOrder: 1607E10
Temperature of samples upon receipt at SLI: 20 C

Date: August 03, 2016
PO #:
QC Level:
Chain of Custody #: 134002

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.
- All radiological results are reported to the 95% confidence level.

Abbreviations:
- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS (Surrogate Standard): Quality control compound added to the sample by the lab.

Method References:
For a complete list of method references please contact us.
- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Workorder Specific Comments:

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

Laboratory Results

Client ID: Hygieneering, Inc. **Report Date:** August 03, 2016
Project Name: Brokaw Early Learning Center Drinking Water L **Workorder:** **1607E10**

Client Sample ID: **1000-A139-BFD** **Matrix:** DRINKING WATER
Lab ID: 1607E10-001 **Date Received:** 07/18/2016 4:38 PM **Collection Date:** 07/18/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	137	1,300	100		µg/L	1	07/26/2016 11:40 PM	38557
Lead	51.4	15.0	5.00	*	µg/L	1	07/26/2016 11:40 PM	38557

Client Sample ID: **1000-A130-DF1L** **Matrix:** DRINKING WATER
Lab ID: 1607E10-002 **Date Received:** 07/18/2016 4:38 PM **Collection Date:** 07/18/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	525	1,300	100		µg/L	1	07/26/2016 11:43 PM	38557
Lead	ND	15.0	5.00		µg/L	1	07/26/2016 11:43 PM	38557

Client Sample ID: **1000-A135-DF2L** **Matrix:** DRINKING WATER
Lab ID: 1607E10-003 **Date Received:** 07/18/2016 4:38 PM **Collection Date:** 07/18/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	617	1,300	100		µg/L	1	07/26/2016 11:46 PM	38557
Lead	ND	15.0	5.00		µg/L	1	07/26/2016 11:46 PM	38557

Client Sample ID: **1000-A135-DF3L** **Matrix:** DRINKING WATER
Lab ID: 1607E10-004 **Date Received:** 07/18/2016 4:38 PM **Collection Date:** 07/18/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	432	1,300	100		µg/L	1	07/30/2016 6:00 PM	38557
Lead	ND	15.0	5.00		µg/L	1	07/30/2016 6:00 PM	38557

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

Laboratory Results

Client ID: Hygieneering, Inc.
Project Name: Brokaw Early Learning Center Drinking Water L

Report Date: August 03, 2016
Workorder: **1607E10**

Client Sample ID: **1000-A135-DF4U**
Lab ID: 1607E10-005
Date Received: 07/18/2016 4:38 PM

Matrix: DRINKING WATER
Collection Date: 07/18/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	329	1,300	100		µg/L	1	07/29/2016 4:32 PM	38557
Lead	ND	15.0	5.00		µg/L	1	07/29/2016 4:32 PM	38557

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Report Date: August 03, 2016
Project: Brokaw Early Learning Center Dri
Lab Order: **1607E10**

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1607E10-001A	7/18/2016	38557	TURB_METALS	Turbidity Check		7/26/2016
1607E10-002A		38557	TURB_METALS	Turbidity Check		7/26/2016
1607E10-003A		38557	TURB_METALS	Turbidity Check		7/26/2016
1607E10-004A		38557	TURB_METALS	Turbidity Check		7/26/2016
1607E10-005A		38557	TURB_METALS	Turbidity Check		7/26/2016

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

Qualifier Definitions

WO#: **1607E10**
Date: **8/3/2016**

Qualifiers:

*/x	Value exceeds Maximum Contaminant Level
B	Analyte detected in the associated Method Blank
C	Value is below Minimum Concentration Limit
c	Analyte not in SLI scope of accredidation
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
Q	Accredidation is not available from Wisconsin
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
T	Analyte detected in sample trip blank

SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave., Ste 150, Geneva, IL 60134 Tel. 708.544.3260 Fax: 708.544.8587 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

134002

Company Name: Hygieneering Inc.
Company Address: 1575 Diaz Ct.
City: Willowbrook State: IL Zip: 60527
Phone: (630) 654-2550 Fax: ☐ Fax Report
Email Address: banderson@hygieneering.com ☐ Final Report will be emailed
Project ID / Location: Brokaw Early Learning Center
Project Manager (Report to):
Sample Collector(s) Name: Maira Garcia

TURNAROUND TIME REQUESTED

☑ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed:

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 of

PO No.

Shipping Method

Reporting Level (at additional charge) 1 2 3 4

LAB USE ONLY

SLI ORDER No. 1607E10

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples 20 °C

Samples received the same day as collection? ☐ Yes

	SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type*	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	8260	524.2	R	Condition	Split	LAB #
1	1000 - A139 - BFD	7/18/16				1		N/A	X	X				1A
2	1000 - A130 - DF1L	/ /							X	X				
3	1000 - A135 - DF2L	/ /							X	X				
4	1000 - A135 - DF3L	/ /							X	X				
5	1000 - A135 - DF4U	/ /							X	X				-5A
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:

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 7/18 16:38	Received By ☐ Ice present	Time	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

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

August 03, 2016

Workorder: 1607E11

Bob Anderson
Hygieneering, Inc.
7575 Plaza Court
Willowbrook, IL 60521

TEL: (630) 654-2550
FAX:
RE: Homestead Elementary Drinking Water Lead and Copper Analysis

Dear Bob Anderson:

Suburban Laboratories, Inc. received 5 sample(s) on 7/18/2016 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 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
Logistics 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: Hygieneering, Inc.
Date: August 03, 2016
Project: Homestead Elementary Drinking Water Lead an
PO #:
WorkOrder: 1607E11
QC Level:
Temperature of samples upon receipt at SLI: C
Chain of Custody #:

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.
- All radiological results are reported to the 95% confidence level.

Abbreviations:
- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS (Surrogate Standard): Quality control compound added to the sample by the lab.

Method References:
For a complete list of method references please contact us.
- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Workorder Specific Comments:

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

Laboratory Results

Client ID: Hygieneering, Inc. **Report Date:** August 03, 2016
Project Name: Homestead Elementary Drinking Water Lead and **Workorder:** **1607E11**

Client Sample ID: **2830-114A-BFP** **Matrix:** DRINKING WATER
Lab ID: 1607E11-001 **Date Received:** 07/18/2016 4:38 PM **Collection Date:** 07/18/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	07/29/2016 4:03 PM	38558
Lead	173	15.0	5.00	*	µg/L	1	07/29/2016 4:03 PM	38558

Client Sample ID: **2830-121-DF1** **Matrix:** DRINKING WATER
Lab ID: 1607E11-002 **Date Received:** 07/18/2016 4:38 PM **Collection Date:** 07/18/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	07/29/2016 4:35 PM	38558
Lead	ND	15.0	5.00		µg/L	1	07/29/2016 4:35 PM	38558

Client Sample ID: **2830-188-DF2U** **Matrix:** DRINKING WATER
Lab ID: 1607E11-003 **Date Received:** 07/18/2016 4:38 PM **Collection Date:** 07/18/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	252	1,300	100		µg/L	1	07/29/2016 4:37 PM	38558
Lead	ND	15.0	5.00		µg/L	1	07/29/2016 4:37 PM	38558

Client Sample ID: **2830-210-DF3** **Matrix:** DRINKING WATER
Lab ID: 1607E11-004 **Date Received:** 07/18/2016 4:38 PM **Collection Date:** 07/18/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	169	1,300	100		µg/L	1	07/29/2016 4:39 PM	38558
Lead	ND	15.0	5.00		µg/L	1	07/29/2016 4:39 PM	38558

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

Laboratory Results

Client ID: Hygieneering, Inc.
Project Name: Homestead Elementary Drinking Water Lead and

Report Date: August 03, 2016
Workorder: **1607E11**

Client Sample ID: **2830-154-DF4**
Lab ID: 1607E11-005
Date Received: 07/18/2016 4:38 PM

Matrix: DRINKING WATER
Collection Date: 07/18/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	171	1,300	100		µg/L	1	07/29/2016 4:41 PM	38558
Lead	ND	15.0	5.00		µg/L	1	07/29/2016 4:41 PM	38558

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Project: Homestead Elementary Drinking

Report Date: August 03, 2016
Lab Order: **1607E11**

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1607E11-001A	7/18/2016	38642	ICPMS_DWPR	Drinking Water Prep		7/28/2016
		38558	TURB_METALS	Turbidity Check		7/26/2016
1607E11-002A		38558	TURB_METALS	Turbidity Check		7/26/2016
1607E11-003A		38558	TURB_METALS	Turbidity Check		7/26/2016
1607E11-004A		38558	TURB_METALS	Turbidity Check		7/26/2016
1607E11-005A		38558	TURB_METALS	Turbidity Check		7/26/2016

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

Qualifier Definitions

WO#: **1607E11**
Date: **8/3/2016**

Qualifiers:

*/x	Value exceeds Maximum Contaminant Level
B	Analyte detected in the associated Method Blank
C	Value is below Minimum Concentration Limit
c	Analyte not in SLI scope of accredidation
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
Q	Accredidation is not available from Wisconsin
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
T	Analyte detected in sample trip blank

SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave., Ste 150, Geneva, IL 60134 Tel. 708.544.3260 Fax: 708.544.8587 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

134007

Company Name: Hygieneering Inc.
Company Address: 7575 Plaza Ct.
City: Willowbrook State: IL Zip: 60527
Phone: (630) 654-2550 Fax: ☐ Fax Report
Email Address: banderson@hygieneering ☐ Final Report will be emailed
Project ID / Location: Homestead Elementary
Project Manager (Report to):
Sample Collector(s) Name: Maria Garcia

TURNAROUND TIME REQUESTED

☒ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed:

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 of

PO No.

Shipping Method

Reporting Level (at additional charge) 1 2 3 4

LAB USE ONLY

SLI ORDER No. 1607E11

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples: 20 °C

Samples received the same day as collection? ☐ Yes

	SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type*	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE			R	Condition	Split	LAB #
1	2830-114A-BFP	7/18/16				1		N/A	X	X				
2	2830-121-DF1	/ /				1			X	X				
3	2830-188A-DF2U	/ /				1			X	X				
4	2830-210-DF3	/ /				1			X	X				
5	2830-154-DF4	/ /				1			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:

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 16:38	Received By ☐ Ice present	Time	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

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

August 03, 2016

Workorder: 1607E12

Bob Anderson
Hygieneering, Inc.
7575 Plaza Court
Willowbrook, IL 60521

TEL: (630) 654-2550
FAX:
RE: Wolf's Crossing Elementary Drinking Water Lead and Copper Analysis

Dear Bob Anderson:

Suburban Laboratories, Inc. received 5 sample(s) on 7/18/2016 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 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
Logistics 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: Hygieneering, Inc.
Date: August 03, 2016
Project: Wolf's Crossing Elementary Drinking Water Lea
PO #:
WorkOrder: 1607E12
QC Level:
Temperature of samples upon receipt at SLI: C
Chain of Custody #:

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.
- All radiological results are reported to the 95% confidence level.

Abbreviations:
- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS (Surrogate Standard): Quality control compound added to the sample by the lab.

Method References:
For a complete list of method references please contact us.
- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Workorder Specific Comments:

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

Laboratory Results

Client ID: Hygieneering, Inc. **Report Date:** August 03, 2016
Project Name: Wolf's Crossing Elementary Drinking Water Lea **Workorder:** **1607E12**

Client Sample ID: **3015-A140-BFP** **Matrix:** DRINKING WATER
Lab ID: 1607E12-001 **Date Received:** 07/18/2016 4:38 PM **Collection Date:** 07/18/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	213	1,300	100		µg/L	1	07/29/2016 4:43 PM	38558
Lead	73.3	15.0	5.00	*	µg/L	1	07/29/2016 4:43 PM	38558

Client Sample ID: **3015-A214-DF1L** **Matrix:** DRINKING WATER
Lab ID: 1607E12-002 **Date Received:** 07/18/2016 4:38 PM **Collection Date:** 07/18/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	166	1,300	100		µg/L	1	07/29/2016 4:45 PM	38558
Lead	ND	15.0	5.00		µg/L	1	07/29/2016 4:45 PM	38558

Client Sample ID: **3015-B121-DF2BT** **Matrix:** DRINKING WATER
Lab ID: 1607E12-003 **Date Received:** 07/18/2016 4:38 PM **Collection Date:** 07/18/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	109	1,300	100		µg/L	1	07/29/2016 4:46 PM	38558
Lead	ND	15.0	5.00		µg/L	1	07/29/2016 4:46 PM	38558

Client Sample ID: **3015-C105-DF3L** **Matrix:** DRINKING WATER
Lab ID: 1607E12-004 **Date Received:** 07/18/2016 4:38 PM **Collection Date:** 07/18/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	153	1,300	100		µg/L	1	07/29/2016 4:48 PM	38558
Lead	ND	15.0	5.00		µg/L	1	07/29/2016 4:48 PM	38558

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

Laboratory Results

Client ID: Hygieneering, Inc.
Report Date: August 03, 2016
Project Name: Wolf's Crossing Elementary Drinking Water Lea
Workorder: **1607E12**

Client Sample ID: **3015-B121-DF4LT**
Matrix: DRINKING WATER
Lab ID: 1607E12-005
Date Received: 07/18/2016 4:38 PM
Collection Date: 07/18/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	120	1,300	100		µg/L	1	07/29/2016 4:57 PM	38558
Lead	ND	15.0	5.00		µg/L	1	07/29/2016 4:57 PM	38558

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Report Date: August 03, 2016
Project: Wolf's Crossing Elementary Drinki
Lab Order: **1607E12**

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1607E12-001A	7/18/2016	38558	TURB_METALS	Turbidity Check		7/26/2016
1607E12-002A		38558	TURB_METALS	Turbidity Check		7/26/2016
1607E12-003A		38558	TURB_METALS	Turbidity Check		7/26/2016
1607E12-004A		38558	TURB_METALS	Turbidity Check		7/26/2016
1607E12-005A		38558	TURB_METALS	Turbidity Check		7/26/2016

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

Qualifier Definitions

WO#: **1607E12**
Date: **8/3/2016**

Qualifiers:

*/x	Value exceeds Maximum Contaminant Level
B	Analyte detected in the associated Method Blank
C	Value is below Minimum Concentration Limit
c	Analyte not in SLI scope of accredidation
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
Q	Accredidation is not available from Wisconsin
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
T	Analyte detected in sample trip blank

SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave., Ste 150, Geneva, IL 60134 Tel. 708.544.3260 Fax: 708.544.8587 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

134004

Company Name: Hugienering Inc.
Company Address: 7575 Plaza Ct.
City: Willowbrook State: IL Zip: 60527
Phone: (630) 654-2550 Fax: ☐ Fax Report
Email Address: banderson@hugienering.com Final Report will be emailed
Project ID / Location: Wolfs Crossing Elementary
Project Manager (Report to):
Sample Collector(s) Name: Maira Garcia

TURNAROUND TIME REQUESTED

☒ Normal ☐ **RUSH*** *Additional Rush Charges Approved.

*Date & Time Needed:_____

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 of

PO No.

Shipping Method

Reporting Level (at additional charge) 1 2 3 4

LAB USE ONLY

SLI ORDER No. 160712

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples 20 °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	Pb	Cu	R	Condition	Split	LAB #
1	3015-A140-BFP	07/18/16				1		N/A	X	X				
2	3015-A214-DFLL	/ /				1			X	X				
3	3015-B121-DF2Lt	/ /				1			X	X				
4	3015-C105-DF3L	/ /				1			X	X				
5	3015-B121-DF4Lt	/ /				1			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:

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
	7/18						
Received By ☐ Ice present	Time 16:36	Received By ☐ Ice present	Time	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

SUBURBAN LABORATORIES, Inc.

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Tel. (708) 544-3260 • Toll Free (800) 783-LABS
Fax (708) 544-8587
www.suburbanlabs.com

August 03, 2016

Workorder: 1607E13

Bob Anderson
Hygieneering, Inc.
7575 Plaza Court
Willowbrook, IL 60521

TEL: (630) 654-2550
FAX:
RE: Bednarak Junior High Drinking Water Lead and Copper Analysis

Dear Bob Anderson:

Suburban Laboratories, Inc. received 5 sample(s) on 7/18/2016 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 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
Logistics 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: Hygieneering, Inc.
Project: Bednarak Junior High Drinking Water Lead and
WorkOrder: **1607E13**
Temperature of samples upon receipt at SLI: 20 C

Date: August 03, 2016
PO #:
QC Level:
Chain of Custody #: 134003

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.
- All radiological results are reported to the 95% confidence level.

Abbreviations:
- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS (Surrogate Standard): Quality control compound added to the sample by the lab.

Method References:
For a complete list of method references please contact us.
- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Workorder Specific Comments:

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

Laboratory Results

Client ID: Hygieneering, Inc. **Report Date:** August 03, 2016
Project Name: Bednarak Junior High Drinking Water Lead and **Workorder:** **1607E13**

Client Sample ID: **3025-1110-BFP** **Matrix:** DRINKING WATER
Lab ID: 1607E13-001 **Date Received:** 07/18/2016 4:38 PM **Collection Date:** 07/18/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	07/29/2016 4:59 PM	38558
Lead	9.50	15.0	5.00		µg/L	1	07/29/2016 4:59 PM	38558

Client Sample ID: **3025-2065E-DF1U** **Matrix:** DRINKING WATER
Lab ID: 1607E13-002 **Date Received:** 07/18/2016 4:38 PM **Collection Date:** 07/18/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	225	1,300	100		µg/L	1	07/29/2016 5:04 PM	38558
Lead	ND	15.0	5.00		µg/L	1	07/29/2016 5:04 PM	38558

Client Sample ID: **3025-1284E-DF2** **Matrix:** DRINKING WATER
Lab ID: 1607E13-003 **Date Received:** 07/18/2016 4:38 PM **Collection Date:** 07/18/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	175	1,300	100		µg/L	1	07/29/2016 5:06 PM	38558
Lead	ND	15.0	5.00		µg/L	1	07/29/2016 5:06 PM	38558

Client Sample ID: **3025-1223A-DF3** **Matrix:** DRINKING WATER
Lab ID: 1607E13-004 **Date Received:** 07/18/2016 4:38 PM **Collection Date:** 07/18/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	173	1,300	100		µg/L	1	07/29/2016 5:08 PM	38558
Lead	ND	15.0	5.00		µg/L	1	07/29/2016 5:08 PM	38558

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

Laboratory Results

Client ID: Hygieneering, Inc.
Project Name: Bednarak Junior High Drinking Water Lead and

Report Date: August 03, 2016
Workorder: **1607E13**

Client Sample ID: **3025-1112-DF4**
Lab ID: 1607E13-005
Date Received: 07/18/2016 4:38 PM

Matrix: DRINKING WATER
Collection Date: 07/18/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	251	1,300	100		µg/L	1	07/29/2016 5:10 PM	38558
Lead	ND	15.0	5.00		µg/L	1	07/29/2016 5:10 PM	38558

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Report Date: August 03, 2016
Project: Bednarak Junior High Drinking W
Lab Order: **1607E13**

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1607E13-001A	7/18/2016	38558	TURB_METALS	Turbidity Check		7/26/2016
1607E13-002A		38558	TURB_METALS	Turbidity Check		7/26/2016
1607E13-003A		38558	TURB_METALS	Turbidity Check		7/26/2016
1607E13-004A		38558	TURB_METALS	Turbidity Check		7/26/2016
1607E13-005A		38558	TURB_METALS	Turbidity Check		7/26/2016

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

Qualifier Definitions

WO#: **1607E13**
Date: **8/3/2016**

Qualifiers:

*/x	Value exceeds Maximum Contaminant Level
B	Analyte detected in the associated Method Blank
C	Value is below Minimum Concentration Limit
c	Analyte not in SLI scope of accredidation
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
Q	Accredidation is not available from Wisconsin
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
T	Analyte detected in sample trip blank

SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave., Ste 150, Geneva, IL 60134 Tel. 708.544.3260 Fax: 708.544.8587 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD # 134003

Company Name: Hugieneering Inc.
Company Address: 1515 Plaza Ct.
City: Willowbrook State: IL Zip: 60527
Phone: (630) 654-2550 Fax: ☐ Fax Report
Email Address: banderson@hugieneering.com ☐ Final Report will be emailed
Project ID / Location: Bednarcik Junior High
Project Manager (Report to):
Sample Collector(s) Name: Maura Garcia

TURNAROUND TIME REQUESTED

☑ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed:

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 of

PO No.

Shipping Method

Reporting Level (at additional charge) 1 2 3 4

LAB USE ONLY

SLI ORDER No. 160713

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples 20 °C

Samples received the same day as collection? ☐ Yes

	SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type*	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	20	3	R	Condition	Split	LAB #
1	3025-1110-BFP	7/18/16				1		N/A	X	X				1A
2	3025-2065E-DF1U	/ /				1			X	X				
3	3025-1284E-DF2	/ /				1			X	X				
4	3025-1223A-DF3	/ /				1			X	X				
5	3025-1112-DF4	/ /				1			X	X				5A
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:

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
	7/18						
Received By ☐ Ice present	Time 16:38	Received By ☐ Ice present	Time	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

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

August 03, 2016

Workorder: 1607E14

Bob Anderson
Hygieneering, Inc.
7575 Plaza Court
Willowbrook, IL 60521

TEL: (630) 654-2550
FAX:

RE: The Wheatland Elementary Drinking Water Lead and Copper Analysis

Dear Bob Anderson:

Suburban Laboratories, Inc. received 5 sample(s) on 7/18/2016 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 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
Logistics 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: Hygieneering, Inc.
Date: August 03, 2016
Project: The Wheatland Elementary Drinking Water Lea
PO #:
WorkOrder: **1607E14**
QC Level:
Temperature of samples upon receipt at SLI: **C**
Chain of Custody #:

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.
- All radiological results are reported to the 95% confidence level.

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:
1607E14-001A - 005A was preserved in the lab.

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

Laboratory Results

Client ID: Hygieneering, Inc.
Report Date: August 03, 2016
Project Name: The Wheatland Elementary Drinking Water Lead
Workorder: 1607E14

Client Sample ID: 2290-MAINT-BFP
Matrix: DRINKING WATER
Lab ID: 1607E14-001 **Date Received:** 07/18/2016 4:38 PM
Collection Date: 07/18/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	07/29/2016 5:19 PM	38558
Lead	17.7	15.0	5.00	*	µg/L	1	07/29/2016 5:19 PM	38558

Client Sample ID: 2290-121-DF1
Matrix: DRINKING WATER
Lab ID: 1607E14-002 **Date Received:** 07/18/2016 4:38 PM
Collection Date: 07/18/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	07/29/2016 5:21 PM	38558
Lead	ND	15.0	5.00		µg/L	1	07/29/2016 5:21 PM	38558

Client Sample ID: 2290-108-DF2
Matrix: DRINKING WATER
Lab ID: 1607E14-003 **Date Received:** 07/18/2016 4:38 PM
Collection Date: 07/18/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	07/29/2016 5:23 PM	38558
Lead	ND	15.0	5.00		µg/L	1	07/29/2016 5:23 PM	38558

Client Sample ID: 2290-204-DF3
Matrix: DRINKING WATER
Lab ID: 1607E14-004 **Date Received:** 07/18/2016 4:38 PM
Collection Date: 07/18/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	07/29/2016 5:24 PM	38558
Lead	ND	15.0	5.00		µg/L	1	07/29/2016 5:24 PM	38558

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

Laboratory Results

Client ID: Hygieneering, Inc.
Project Name: The Wheatland Elementary Drinking Water Lead

Report Date: August 03, 2016
Workorder: **1607E14**

Client Sample ID: **2290-193-DF4L**
Lab ID: 1607E14-005
Date Received: 07/18/2016 4:38 PM

Matrix: DRINKING WATER
Collection Date: 07/18/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	425	1,300	100		µg/L	1	07/29/2016 5:26 PM	38558
Lead	ND	15.0	5.00		µg/L	1	07/29/2016 5:26 PM	38558

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Report Date: August 03, 2016
Project: The Wheatland Elementary Drinki
Lab Order: **1607E14**

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1607E14-001A	7/18/2016	38558	TURB_METALS	Turbidity Check		7/26/2016
1607E14-002A		38558	TURB_METALS	Turbidity Check		7/26/2016
1607E14-003A		38558	TURB_METALS	Turbidity Check		7/26/2016
1607E14-004A		38558	TURB_METALS	Turbidity Check		7/26/2016
1607E14-005A		38558	TURB_METALS	Turbidity Check		7/26/2016

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

Qualifier Definitions

WO#: **1607E14**
Date: **8/3/2016**

Qualifiers:

*/x	Value exceeds Maximum Contaminant Level
B	Analyte detected in the associated Method Blank
C	Value is below Minimum Concentration Limit
c	Analyte not in SLI scope of accredidation
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
Q	Accredidation is not available from Wisconsin
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
T	Analyte detected in sample trip blank

SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave., Ste 150, Geneva, IL 60134 Tel. 708.544.3260 Fax: 708.544.8587 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD # 134006

Company Name: Hygieneering
Company Address: 1545 Plaza Ct.
City: Willowbrook State: IL Zip: 60527
Phone: (630) 654-2550 Fax: ☐ Fax Report
Email Address: banderson@hygieneering Final Report will be emailed
Project ID / Location: The Wheatland Elementary
Project Manager (Report to):
Sample Collector(s) Name: Maria Garcia

TURNAROUND TIME REQUESTED

☒ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed:_____

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 of

PO No.

Shipping Method

Reporting Level (at additional charge) 1 2 3 4

LAB USE ONLY

SLI ORDER No. 1607E14

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples 20 °C

Samples received the same day as collection? ☐ Yes

	SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type*	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Ab	Cl	R	Condition	Split	LAB #
1	2290 - Maint. - DFP	7/18/16				1		N/A	X	X				
2	2290 - 121 - DF1	/ /				1			X	X				
3	2290 - 108 - DF2	/ /				1			X	X				
4	2290 - 204 - DF3	/ /				1			X	X				
5	2290 - 193 - DF4L	/ /				1			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:

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 16:38	Received By ☐ Ice present	Time	Received By ☐ Ice present	Time	Received By ☐ Ice present	Time
7/18							

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

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

August 03, 2016

Workorder: 1607F73

Bob Anderson
Hygieneering, Inc.
7575 Plaza Court
Willowbrook, IL 60521

TEL: (630) 654-2550
FAX:
RE: Eastview Elementary Drinking Water Lead and Copper Analysis

Dear Bob Anderson:

Suburban Laboratories, Inc. received 5 sample(s) on 7/19/2016 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 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
Logistics 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: Hygieneering, Inc.
Project: Eastview Elementary Drinking Water Lead and
WorkOrder: 1607F73
Temperature of samples upon receipt at SLI: C

Date: August 03, 2016
PO #:
QC Level:
Chain of Custody #:

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.
- All radiological results are reported to the 95% confidence level.

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:
1607F73-001A - 005A was preserved in the lab.

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

Laboratory Results

Client ID: Hygieneering, Inc. **Report Date:** August 03, 2016
Project Name: Eastview Elementary Drinking Water Lead and C **Workorder:** **1607F73**

Client Sample ID: **4209-18-BFP** **Matrix:** DRINKING WATER
Lab ID: 1607F73-001 **Date Received:** 07/19/2016 4:18 PM **Collection Date:** 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	07/29/2016 5:28 PM	38559
Lead	ND	15.0	5.00		µg/L	1	07/29/2016 5:28 PM	38559

Client Sample ID: **4209-17-DF1L** **Matrix:** DRINKING WATER
Lab ID: 1607F73-002 **Date Received:** 07/19/2016 4:18 PM **Collection Date:** 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	07/29/2016 5:32 PM	38559
Lead	ND	15.0	5.00		µg/L	1	07/29/2016 5:32 PM	38559

Client Sample ID: **4209-29-DF2U** **Matrix:** DRINKING WATER
Lab ID: 1607F73-003 **Date Received:** 07/19/2016 4:18 PM **Collection Date:** 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	242	1,300	100		µg/L	1	07/29/2016 5:41 PM	38559
Lead	ND	15.0	5.00		µg/L	1	07/29/2016 5:41 PM	38559

Client Sample ID: **4209-31-DF3L** **Matrix:** DRINKING WATER
Lab ID: 1607F73-004 **Date Received:** 07/19/2016 4:18 PM **Collection Date:** 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	07/29/2016 5:42 PM	38559
Lead	ND	15.0	5.00		µg/L	1	07/29/2016 5:42 PM	38559

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

Laboratory Results

Client ID: Hygieneering, Inc.
Project Name: Eastview Elementary Drinking Water Lead and C

Report Date: August 03, 2016
Workorder: **1607F73**

Client Sample ID: **4209-65-DF4L**
Lab ID: 1607F73-005
Date Received: 07/19/2016 4:18 PM

Matrix: DRINKING WATER
Collection Date: 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	07/29/2016 5:44 PM	38559
Lead	ND	15.0	5.00		µg/L	1	07/29/2016 5:44 PM	38559

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Report Date: August 03, 2016
Project: Eastview Elementary Drinking Wat
Lab Order: **1607F73**

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1607F73-001A	7/19/2016	38559	TURB_METALS	Turbidity Check		7/26/2016
1607F73-002A		38559	TURB_METALS	Turbidity Check		7/26/2016
1607F73-003A		38559	TURB_METALS	Turbidity Check		7/26/2016
1607F73-004A		38559	TURB_METALS	Turbidity Check		7/26/2016
1607F73-005A		38559	TURB_METALS	Turbidity Check		7/26/2016

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

Qualifier Definitions

WO#: **1607F73**
Date: **8/3/2016**

Qualifiers:

*/x	Value exceeds Maximum Contaminant Level
B	Analyte detected in the associated Method Blank
C	Value is below Minimum Concentration Limit
c	Analyte not in SLI scope of accredidation
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
Q	Accredidation is not available from Wisconsin
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
T	Analyte detected in sample trip blank

SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave., Ste 150, Geneva, IL 60134 Tel. 708.544.3260 Fax: 708.544.8587 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD # 134014

Company Name: Hygieneering, Inc.
Company Address: 1575 Plaza Ct.
City: Willowbrook State: IL Zip: 60527
Phone: 630.654.2550 Fax: ☐ Fax Report
Email Address: bandersen@hygieneering.com Final Report will be emailed
Project ID / Location: Eastview Elementary
Project Manager (Report to): Barb Andersen
Sample Collector(s) Name: Mairea Garcia

TURNAROUND TIME REQUESTED
☐ Normal ☐ RUSH* *Additional Rush Charges Approved.
*Date & Time Needed:
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 of
PO No.
Shipping Method
Reporting Level (at additional charge) 1 2 3 4

LAB USE ONLY
SLI ORDER No. 160573
Sample containers supplied by customer? ☐ Yes
Temperature of Received Samples 22 °C
Samples received the same day as collection? ☐ Yes

	SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type*	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Pb	Ca	R	Condition	Split	LAB #
1	4209 - 18 - BFP	7/19/16				1		N/A	X	X				
2	4209 - 17 - DF1L	/ /				1			X	X				
3	4209 - 29 - DF2U	/ /				1			X	X				
4	4209 - 31 - DF3L	/ /				1			X	X				
5	4209 - 65 - DF4L	/ /				1			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:

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
Mairea Garcia	7/19/16						
Received By ☐ Ice present	Time 16:18	Received By ☐ Ice present	Time	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

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

August 03, 2016

Workorder: 1607F74

Bob Anderson
Hygieneering, Inc.
7575 Plaza Court
Willowbrook, IL 60521

TEL: (630) 654-2550
FAX:
RE: Churchill Elementary Drinking Water Lead and Copper Analysis

Dear Bob Anderson:

Suburban Laboratories, Inc. received 5 sample(s) on 7/19/2016 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 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
Logistics 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: Hygieneering, Inc.
Project: Churchill Elementary Drinking Water Lead and
WorkOrder: 1607F74
Temperature of samples upon receipt at SLI: C

Date: August 03, 2016
PO #:
QC Level:
Chain of Custody #:

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.
- All radiological results are reported to the 95% confidence level.

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:
1607F74-001A - 005A was preserved in the lab.

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

Laboratory Results

Client ID: Hygieneering, Inc. **Report Date:** August 03, 2016
Project Name: Churchill Elementary Drinking Water Lead and **Workorder:** **1607F74**

Client Sample ID: **520-A140-BFP** **Matrix:** DRINKING WATER
Lab ID: 1607F74-001 **Date Received:** 07/19/2016 4:18 PM **Collection Date:** 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	179	1,300	100		µg/L	1	07/29/2016 5:46 PM	38559
Lead	54.8	15.0	5.00	*	µg/L	1	07/29/2016 5:46 PM	38559

Client Sample ID: **520-A114-DF1L** **Matrix:** DRINKING WATER
Lab ID: 1607F74-002 **Date Received:** 07/19/2016 4:18 PM **Collection Date:** 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	643	1,300	100		µg/L	1	07/29/2016 5:48 PM	38559
Lead	ND	15.0	5.00		µg/L	1	07/29/2016 5:48 PM	38559

Client Sample ID: **520-A131-DF2U** **Matrix:** DRINKING WATER
Lab ID: 1607F74-003 **Date Received:** 07/19/2016 4:18 PM **Collection Date:** 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	620	1,300	100		µg/L	1	07/29/2016 5:50 PM	38559
Lead	ND	15.0	5.00		µg/L	1	07/29/2016 5:50 PM	38559

Client Sample ID: **520-A231-DF3L** **Matrix:** DRINKING WATER
Lab ID: 1607F74-004 **Date Received:** 07/19/2016 4:18 PM **Collection Date:** 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	480	1,300	100		µg/L	1	07/29/2016 5:51 PM	38559
Lead	ND	15.0	5.00		µg/L	1	07/29/2016 5:51 PM	38559

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

Laboratory Results

Client ID: Hygieneering, Inc.
Project Name: Churchill Elementary Drinking Water Lead and

Report Date: August 03, 2016
Workorder: **1607F74**

Client Sample ID: **520-B121-DF4**
Lab ID: 1607F74-005
Date Received: 07/19/2016 4:18 PM

Matrix: DRINKING WATER
Collection Date: 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	1,210	1,300	100		µg/L	1	07/29/2016 5:53 PM	38559
Lead	ND	15.0	5.00		µg/L	1	07/29/2016 5:53 PM	38559

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Report Date: August 03, 2016
Project: Churchill Elementary Drinking Wa
Lab Order: **1607F74**

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1607F74-001A	7/19/2016	38559	TURB_METALS	Turbidity Check		7/26/2016
1607F74-002A		38559	TURB_METALS	Turbidity Check		7/26/2016
1607F74-003A		38559	TURB_METALS	Turbidity Check		7/26/2016
1607F74-004A		38559	TURB_METALS	Turbidity Check		7/26/2016
1607F74-005A		38559	TURB_METALS	Turbidity Check		7/26/2016

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

Qualifier Definitions

WO#: **1607F74**
Date: **8/3/2016**

Qualifiers:

*/x	Value exceeds Maximum Contaminant Level
B	Analyte detected in the associated Method Blank
C	Value is below Minimum Concentration Limit
c	Analyte not in SLI scope of accredidation
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
Q	Accredidation is not available from Wisconsin
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
T	Analyte detected in sample trip blank

SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave., Ste 150, Geneva, IL 60134 Tel. 708.544.3260 Fax: 708.544.8587 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

134008

Company Name: Hugieneering, Inc.
Company Address: 7575 Plaza Ct.
City: Willowbrook State: IL Zip: 60527
Phone: 630.654.2550 Fax: ☐ Fax Report
Email Address: bandersen@hugieneering.com Final Report will be emailed
Project ID / Location: Churchhill Elementary
Project Manager (Report to): Bob Andersen
Sample Collector(s) Name: Maira Garcia

TURNAROUND TIME REQUESTED

☒ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed: _____

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

	SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type*	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	2a	3	R	Condition	Split	LAB #
1	520-A140-BFP	7/19/16				1		N/A	X	X				
2	520-A114-DFIL	/ /				1			X	X				
3	520-A131-DF2U	/ /				1			X	X				
4	520-A231-DF3L	/ /				1			X	X				
5	520-B121-DF4	/ /				1			X	X				
6		/ /												
7		/ /												
8		/ /												
9		/ /												
10		/ /												
11		/ /												
12		/ /												

Page of

PO No.

Shipping Method

Reporting Level (at additional charge) 1 2 3 4

LAB USE ONLY

SLLORDER No. 160774

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples 22 °C

Samples received the same day as collection? ☐ Yes

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:

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
Maira Garcia	7/19/16						
Received By ☐ Ice present	Time 16:15	Received By ☐ Ice present	Time	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

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

August 03, 2016

Workorder: 1607F75

Bob Anderson
Hygieneering, Inc.
7575 Plaza Court
Willowbrook, IL 60521

TEL: (630) 654-2550
FAX:
RE: Plank Jr High Drinking Water Lead and Copper Analysis

Dear Bob Anderson:

Suburban Laboratories, Inc. received 5 sample(s) on 7/19/2016 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 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
Logistics 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: Hygieneering, Inc.
Date: August 03, 2016
Project: Plank Jr High Drinking Water Lead and Copper
PO #:
WorkOrder: **1607F75**
QC Level:
Temperature of samples upon receipt at SLI: **C**
Chain of Custody #: 134009

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.
- All radiological results are reported to the 95% confidence level.

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:
1607F75-001A - 005A was preserved in the lab.

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

Laboratory Results

Client ID: Hygieneering, Inc.
Report Date: August 03, 2016
Project Name: Plank Jr High Drinking Water Lead and Copper
Workorder: 1607F75

Client Sample ID: 510-A104-BFP
Matrix: DRINKING WATER
Lab ID: 1607F75-001 **Date Received:** 07/19/2016 4:18 PM
Collection Date: 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	07/29/2016 4:05 PM	38559
Lead	9.27	15.0	5.00		µg/L	1	07/29/2016 4:05 PM	38559

Client Sample ID: 510-C128-DF1U
Matrix: DRINKING WATER
Lab ID: 1607F75-002 **Date Received:** 07/19/2016 4:18 PM
Collection Date: 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	377	1,300	100		µg/L	1	07/31/2016 9:55 AM	38559
Lead	ND	15.0	5.00		µg/L	1	07/30/2016 6:16 PM	38559

Client Sample ID: 510-F101-DF2L
Matrix: DRINKING WATER
Lab ID: 1607F75-003 **Date Received:** 07/19/2016 4:18 PM
Collection Date: 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	602	1,300	100		µg/L	1	07/31/2016 9:57 AM	38559
Lead	ND	15.0	5.00		µg/L	1	07/30/2016 6:18 PM	38559

Client Sample ID: 510-D223-DF3U
Matrix: DRINKING WATER
Lab ID: 1607F75-004 **Date Received:** 07/19/2016 4:18 PM
Collection Date: 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	740	1,300	100		µg/L	1	07/31/2016 10:01 AM	38559
Lead	ND	15.0	5.00		µg/L	1	07/30/2016 6:20 PM	38559

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

Laboratory Results

Client ID: Hygieneering, Inc.
Project Name: Plank Jr High Drinking Water Lead and Copper

Report Date: August 03, 2016
Workorder: **1607F75**

Client Sample ID: **510-D101-DF4L**
Lab ID: 1607F75-005
Date Received: 07/19/2016 4:18 PM

Matrix: DRINKING WATER
Collection Date: 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	470	1,300	100		µg/L	1	07/31/2016 10:03 AM	38559
Lead	ND	15.0	5.00		µg/L	1	07/30/2016 6:22 PM	38559

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Report Date: August 03, 2016
Project: Plank Jr High Drinking Water Lea
Lab Order: **1607F75**

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1607F75-001A	7/19/2016	38642	ICPMS_DWPR	Drinking Water Prep		7/28/2016
		38559	TURB_METALS	Turbidity Check		7/26/2016
1607F75-002A		38559	TURB_METALS	Turbidity Check		7/26/2016
1607F75-003A		38559	TURB_METALS	Turbidity Check		7/26/2016
1607F75-004A		38559	TURB_METALS	Turbidity Check		7/26/2016
1607F75-005A		38559	TURB_METALS	Turbidity Check		7/26/2016

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

Qualifier Definitions

WO#: **1607F75**
Date: **8/3/2016**

Qualifiers:

*/x	Value exceeds Maximum Contaminant Level
B	Analyte detected in the associated Method Blank
C	Value is below Minimum Concentration Limit
c	Analyte not in SLI scope of accredidation
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
Q	Accredidation is not available from Wisconsin
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
T	Analyte detected in sample trip blank

SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave., Ste 150, Geneva, IL 60134 Tel. 708.544.3260 Fax: 708.544.8587 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

134009

Company Name: Hugieneering, Inc.
Company Address: 1575 Plaza Ct.
City: Willowbrook State: IL Zip: 60527
Phone: (630) 654-2550 Fax: ☐ Fax Report
Email Address: bandersona@hugieneering.com ☐ Final Report will be emailed
Project ID / Location: ~~[illegible]~~ Plank Jr. High
Project Manager (Report to): Bob Anderson
Sample Collector(s) Name: Maira Garcia

TURNAROUND TIME REQUESTED

☒ Normal ☐ **RUSH*** *Additional Rush Charges Approved.

*Date & Time Needed: _____

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 of

PO No.

Shipping Method

Reporting Level (at additional charge) 1 2 3 4

LAB USE ONLY

SLI ORDER No. 160775

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples 22 °C

Samples received the same day as collection? ☐ Yes

	SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type*	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	TPH	CC	R	Condition	Split	LAB #
1	510-A104-BFP	07/19/16				1		N/A	X	X				
2	510-C128-DF2U	07/19/16				1			X	X				
3	510-F101-DF2L	07/19/16				1			X	X				
4	510-D223-DF3U	07/19/16				1			X	X				
5	510-D101-DF4L	07/19/16				1			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:

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
Maira Garcia	7/19/16						
Received By ☐ Ice present	Time 16:18	Received By ☐ Ice present	Time	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

SUBURBAN LABORATORIES, Inc.

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Tel. (708) 544-3260 • Toll Free (800) 783-LABS
Fax (708) 544-8587
www.suburbanlabs.com

August 03, 2016

Workorder: 1607F76

Bob Anderson
Hygieneering, Inc.
7575 Plaza Court
Willowbrook, IL 60521

TEL: (630) 654-2550
FAX:
RE: Long Beach Drinking Water Lead and Copper Analysis

Dear Bob Anderson:

Suburban Laboratories, Inc. received 5 sample(s) on 7/19/2016 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 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
Logistics 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: Hygieneering, Inc.
Project: Long Beach Drinking Water Lead and Copper A
WorkOrder: 1607F76
Temperature of samples upon receipt at SLI: C

Date: August 03, 2016
PO #:
QC Level:
Chain of Custody #:

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.
- All radiological results are reported to the 95% confidence level.

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:
1607F76-001A - 005A was preserved in the lab.

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

Laboratory Results

Client ID: Hygieneering, Inc. **Report Date:** August 03, 2016
Project Name: Long Beach Drinking Water Lead and Copper A **Workorder:** **1607F76**

Client Sample ID: **67-123-BFP** **Matrix:** DRINKING WATER
Lab ID: 1607F76-001 **Date Received:** 07/19/2016 4:18 PM **Collection Date:** 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	1,100	1,300	100		µg/L	1	07/31/2016 10:13 AM	38559
Lead	456	15.0	5.00	*	µg/L	1	07/30/2016 6:23 PM	38559

Client Sample ID: **67-123-DF1U** **Matrix:** DRINKING WATER
Lab ID: 1607F76-002 **Date Received:** 07/19/2016 4:18 PM **Collection Date:** 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	575	1,300	100		µg/L	1	07/31/2016 10:15 AM	38559
Lead	ND	15.0	5.00		µg/L	1	07/30/2016 6:25 PM	38559

Client Sample ID: **67-104-DF3** **Matrix:** DRINKING WATER
Lab ID: 1607F76-003 **Date Received:** 07/19/2016 4:18 PM **Collection Date:** 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	353	1,300	100		µg/L	1	07/31/2016 10:19 AM	38559
Lead	ND	15.0	5.00		µg/L	1	07/30/2016 6:27 PM	38559

Client Sample ID: **67-111-DF3** **Matrix:** DRINKING WATER
Lab ID: 1607F76-004 **Date Received:** 07/19/2016 4:18 PM **Collection Date:** 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	655	1,300	100		µg/L	1	07/31/2016 10:21 AM	38559
Lead	ND	15.0	5.00		µg/L	1	07/30/2016 6:34 PM	38559

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

Laboratory Results

Client ID: Hygieneering, Inc.
Project Name: Long Beach Drinking Water Lead and Copper A

Report Date: August 03, 2016
Workorder: **1607F76**

Client Sample ID: **67-G-DF4L**
Lab ID: 1607F76-005
Date Received: 07/19/2016 4:18 PM

Matrix: DRINKING WATER
Collection Date: 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	464	1,300	100		µg/L	1	07/31/2016 10:25 AM	38559
Lead	ND	15.0	5.00		µg/L	1	07/30/2016 6:36 PM	38559

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Report Date: August 03, 2016
Project: Long Beach Drinking Water Lead
Lab Order: **1607F76**

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1607F76-001A	7/19/2016	38559	TURB_METALS	Turbidity Check		7/26/2016
1607F76-002A		38559	TURB_METALS	Turbidity Check		7/26/2016
1607F76-003A		38559	TURB_METALS	Turbidity Check		7/26/2016
1607F76-004A		38559	TURB_METALS	Turbidity Check		7/26/2016
1607F76-005A		38559	TURB_METALS	Turbidity Check		7/26/2016

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

Qualifier Definitions

WO#: **1607F76**
Date: **8/3/2016**

Qualifiers:

*/x	Value exceeds Maximum Contaminant Level
B	Analyte detected in the associated Method Blank
C	Value is below Minimum Concentration Limit
c	Analyte not in SLI scope of accredidation
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
Q	Accredidation is not available from Wisconsin
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
T	Analyte detected in sample trip blank

SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave., Ste 150, Geneva, IL 60134 Tel. 708.544.3260 Fax: 708.544.8587 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

134015

Company Name: Hygieneering, Inc

Company Address: 7575 Plaza Ct.

City: Willowbrook State: IL Zip: 60527

Phone: 630-654-2550 Fax: ☐ Fax Report

Email Address: bandersen@hygieneering.com Final Report will be emailed

Project ID / Location: Long Beach Elementary

Project Manager (Report to): Bob Anderson

Sample Collector(s) Name: Maira Garcia

TURNAROUND TIME REQUESTED

☒ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed: _____

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 of

PO No.

Shipping Method

Reporting Level (at additional charge) 1 2 3 4

LAB USE ONLY

SLI ORDER No. 1607F76

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples 22 °C

Samples received the same day as collection? ☐ Yes

	SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type*	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	fh	G	R	Condition	Split	LAB #
1	67-123-BFP	07/19/16						N/A	X	X				
2	67-123-DF1U	"							X	X				
3	67-104-DF2	"							X	X				
4	67-111-DF3	"							X	X				
5	67-G-DF4L	"							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:

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
Maira Garcia	7/19/16						
Received By ☐ Ice present	Time 16:18	Received By ☐ Ice present	Time	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

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

August 05, 2016

Workorder: 1607F77

Bob Anderson
Hygieneering, Inc.
7575 Plaza Court
Willowbrook, IL 60521

TEL: (630) 654-2550
FAX:
RE: Boulder Hill Elementary Drinking Water Lead and Copper Analysis

Dear Bob Anderson:

Suburban Laboratories, Inc. received 5 sample(s) on 7/19/2016 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 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
Logistics 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: Hygieneering, Inc.
Date: August 05, 2016
Project: Boulder Hill Elementary Drinking Water Lead a
PO #:
WorkOrder: 1607F77
QC Level:
Temperature of samples upon receipt at SLI: C
Chain of Custody #:

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.
- All radiological results are reported to the 95% confidence level.

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:
1607F77-001A - 005A was preserved in the lab.

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

Laboratory Results

Client ID: Hygieneering, Inc. **Report Date:** August 05, 2016
Project Name: Boulder Hill Elementary Drinking Water Lead an **Workorder:** 1607F77

Client Sample ID: 163-23-BFP **Matrix:** DRINKING WATER
Lab ID: 1607F77-001 **Date Received:** 07/19/2016 4:18 PM **Collection Date:** 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	08/03/2016 9:16 PM	38560
Lead	9.15	15.0	5.00		µg/L	1	07/29/2016 6:26 PM	38560

Client Sample ID: 163-46-DF1 **Matrix:** DRINKING WATER
Lab ID: 1607F77-002 **Date Received:** 07/19/2016 4:18 PM **Collection Date:** 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	162	1,300	100		µg/L	1	07/31/2016 10:27 AM	38560
Lead	ND	15.0	5.00		µg/L	1	07/30/2016 6:38 PM	38560

Client Sample ID: 163-B-DF2L **Matrix:** DRINKING WATER
Lab ID: 1607F77-003 **Date Received:** 07/19/2016 4:18 PM **Collection Date:** 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	179	1,300	100		µg/L	1	07/31/2016 10:38 AM	38560
Lead	ND	15.0	5.00		µg/L	1	07/30/2016 6:40 PM	38560

Client Sample ID: 163-18-DF3 **Matrix:** DRINKING WATER
Lab ID: 1607F77-004 **Date Received:** 07/19/2016 4:18 PM **Collection Date:** 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	07/29/2016 6:33 PM	38560
Lead	ND	15.0	5.00		µg/L	1	07/29/2016 6:33 PM	38560

Created: 8/5/2016 3:40:08 PM

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

Laboratory Results

Client ID: Hygieneering, Inc.
Project Name: Boulder Hill Elementary Drinking Water Lead an

Report Date: August 05, 2016
Workorder: **1607F77**

Client Sample ID: **163-38-DF4**
Lab ID: 1607F77-005
Date Received: 07/19/2016 4:18 PM

Matrix: DRINKING WATER
Collection Date: 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	153	1,300	100		µg/L	1	07/31/2016 10:40 AM	38560
Lead	ND	15.0	5.00		µg/L	1	07/30/2016 6:41 PM	38560

Created: 8/5/2016 3:40:08 PM

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Report Date: August 05, 2016
Project: Boulder Hill Elementary Drinking
Lab Order: **1607F77**

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1607F77-001A	7/19/2016	38560	TURB_METALS	Turbidity Check		7/26/2016
1607F77-002A		38560	TURB_METALS	Turbidity Check		7/26/2016
1607F77-003A		38560	TURB_METALS	Turbidity Check		7/26/2016
1607F77-004A		38560	TURB_METALS	Turbidity Check		7/26/2016
1607F77-005A		38560	TURB_METALS	Turbidity Check		7/26/2016

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

Qualifier Definitions

WO#: **1607F77**
Date: **8/5/2016**

Qualifiers:

*/x	Value exceeds Maximum Contaminant Level
B	Analyte detected in the associated Method Blank
C	Value is below Minimum Concentration Limit
c	Analyte not in SLI scope of accredidation
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
Q	Accredidation is not available from Wisconsin
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
T	Analyte detected in sample trip blank

SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave., Ste 150, Geneva, IL 60134 Tel. 708.544.3260 Fax: 708.544.8587 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

134010

Page 7 of 7

Company Name: Hygieneering, Inc.
Company Address: 1515 Plaza Ct.
City: Willowbrook State: IL Zip: 60527
Phone: (630) 654-2550 Fax: ☐ Fax Report
Email Address: handerson@hygieneering.com Final Report will be emailed
Project ID / Location: Boulder Hill Elementary
Project Manager (Report to): Bob Andersen
Sample Collector(s) Name: Maiva Garcia

TURNAROUND TIME REQUESTED

☑ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed:

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

1607F77

Page of

PO No.

Shipping Method

Reporting Level (at additional charge) 1 2 3 4

LAB USE ONLY

SLI ORDER No. 1607F77

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples 22 °C

Samples received the same day as collection? ☐ Yes

	SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type*	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Pb	Cu	R	Condition	Split	LAB #
1	163-23-BFP	07/19/16				1		N/A	X	X				
2	163-46-DF1	/ /				1			X	X				
3	163-8-DF2L	/ /				1			X	X				
4	163-16-DF3	/ /				1			X	X				
5	163-38-DF4	/ /				1			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:

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
Maiva Garcia	7/19/16						
Received By ☐ Ice present	Time 16:18	Received By ☐ Ice present	Time	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

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

August 03, 2016

Workorder: 1607F79

Bob Anderson
Hygieneering, Inc.
7575 Plaza Court
Willowbrook, IL 60521

TEL: (630) 654-2550
FAX:

RE: Old Post Elementary Drinking Water Lead and Copper Analysis

Dear Bob Anderson:

Suburban Laboratories, Inc. received 5 sample(s) on 7/19/2016 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 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
Logistics 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: Hygieneering, Inc.
Project: Old Post Elementary Drinking Water Lead and
WorkOrder: 1607F79
Temperature of samples upon receipt at SLI: C

Date: August 03, 2016
PO #:
QC Level:
Chain of Custody #:

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.
- All radiological results are reported to the 95% confidence level.

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:
1607F79-001A - 005A was preserved in the lab.

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

Laboratory Results

Client ID: Hygieneering, Inc. **Report Date:** August 03, 2016
Project Name: Old Post Elementary Drinking Water Lead and C **Workorder:** **1607F79**

Client Sample ID: **100-BB-BFP** **Matrix:** DRINKING WATER
Lab ID: 1607F79-001 **Date Received:** 07/19/2016 4:18 PM **Collection Date:** 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	114	1,300	100		µg/L	1	07/31/2016 10:44 AM	38560
Lead	17.2	15.0	5.00	*	µg/L	1	07/30/2016 6:43 PM	38560

Client Sample ID: **100-G1B-DF1** **Matrix:** DRINKING WATER
Lab ID: 1607F79-002 **Date Received:** 07/19/2016 4:18 PM **Collection Date:** 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	459	1,300	100		µg/L	1	07/31/2016 10:46 AM	38560
Lead	ND	15.0	5.00		µg/L	1	07/30/2016 6:45 PM	38560

Client Sample ID: **100-217B-DF2** **Matrix:** DRINKING WATER
Lab ID: 1607F79-003 **Date Received:** 07/19/2016 4:18 PM **Collection Date:** 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	213	1,300	100		µg/L	1	07/31/2016 10:50 AM	38560
Lead	ND	15.0	5.00		µg/L	1	07/30/2016 6:47 PM	38560

Client Sample ID: **100-121-DF3** **Matrix:** DRINKING WATER
Lab ID: 1607F79-004 **Date Received:** 07/19/2016 4:18 PM **Collection Date:** 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	303	1,300	100		µg/L	1	07/31/2016 10:52 AM	38560
Lead	ND	15.0	5.00		µg/L	1	07/30/2016 6:48 PM	38560

Created: 8/3/2016 10:41:20 PM

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

Laboratory Results

Client ID: Hygieneering, Inc.
Project Name: Old Post Elementary Drinking Water Lead and C

Report Date: August 03, 2016
Workorder: **1607F79**

Client Sample ID: **100-400-DF4**
Lab ID: 1607F79-005
Date Received: 07/19/2016 4:18 PM

Matrix: DRINKING WATER
Collection Date: 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	396	1,300	100		µg/L	1	07/31/2016 11:02 AM	38560
Lead	ND	15.0	5.00		µg/L	1	07/30/2016 6:55 PM	38560

Created: 8/3/2016 10:41:20 PM

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Report Date: August 03, 2016
Project: Old Post Elementary Drinking Wat
Lab Order: **1607F79**

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1607F79-001A	7/19/2016	38560	TURB_METALS	Turbidity Check		7/26/2016
1607F79-002A		38560	TURB_METALS	Turbidity Check		7/26/2016
1607F79-003A		38560	TURB_METALS	Turbidity Check		7/26/2016
1607F79-004A		38560	TURB_METALS	Turbidity Check		7/26/2016
1607F79-005A		38560	TURB_METALS	Turbidity Check		7/26/2016

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

Qualifier Definitions

WO#: **1607F79**
Date: **8/3/2016**

Qualifiers:

*/x	Value exceeds Maximum Contaminant Level
B	Analyte detected in the associated Method Blank
C	Value is below Minimum Concentration Limit
c	Analyte not in SLI scope of accredidation
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
Q	Accredidation is not available from Wisconsin
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
T	Analyte detected in sample trip blank

SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave., Ste 150, Geneva, IL 60134 Tel. 708.544.3260 Fax: 708.544.8587 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

134011

Page 7 of 7

Company Name: Hygieneering, Inc.
Company Address: 75 To Plaza Ct.
City: Willowbrook State: IL Zip: 60527
Phone: (630) - 654 - 2550 Fax: ☐ Fax Report
Email Address: bandersen@hygieneering.com Final Report will be emailed
Project ID / Location: Old Post Elementary
Project Manager (Report to): Bob Andersen
Sample Collector(s) Name: Maiva Garcia

TURNAROUND TIME REQUESTED

☐ Normal ☐ **RUSH*** *Additional Rush Charges Approved.

*Date & Time Needed: _____

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

Shipping Method:

Reporting Level (at additional charge) 1 2 3 4

LAB USE ONLY

SLI ORDER No. 1607F79

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples: 22 °C

Samples received the same day as collection? ☐ Yes

	SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type*	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	No	Cl	R	Condition	Split	LAB #
1	100-BR-BFP	7/19/16				1		N/A	X	X				
2	100-G/B-DF1	/ /				1			X	X				
3	100-217B-DF2	/ /				1			X	X				
4	100-121-DF3	/ /				1			X	X				
5	100-400-DF4	/ /				1			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:

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
Maiva Garcia	7/19/16						
Received By ☐ Ice present	Time 16:18	Received By ☐ Ice present	Time	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

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

August 03, 2016

Workorder: 1607F81

Bob Anderson
Hygieneering, Inc.
7575 Plaza Court
Willowbrook, IL 60521

TEL: (630) 654-2550
FAX:

RE: Thompson Jr High Drinking Water Lead and Copper Analysis

Dear Bob Anderson:

Suburban Laboratories, Inc. received 5 sample(s) on 7/19/2016 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 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
Logistics 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: Hygieneering, Inc.
Date: August 03, 2016
Project: Thompson Jr High Drinking Water Lead and Co
PO #:
WorkOrder: 1607F81
QC Level:
Temperature of samples upon receipt at SLI: 3 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.
- All radiological results are reported to the 95% confidence level.

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:
1607F81-001A - 005A was preserved in the lab.

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

Laboratory Results

Client ID: Hygieneering, Inc. **Report Date:** August 03, 2016
Project Name: Thompson Jr High Drinking Water Lead and Cop **Workorder:** **1607F81**

Client Sample ID: **440-1102-BFP** **Matrix:** DRINKING WATER
Lab ID: 1607F81-001 **Date Received:** 07/19/2016 4:18 PM **Collection Date:** 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	245	1,300	100		µg/L	1	07/30/2016 5:55 PM	38560
Lead	35.5	15.0	5.00	*	µg/L	1	07/30/2016 5:55 PM	38560

Client Sample ID: **440-1169-DF1** **Matrix:** DRINKING WATER
Lab ID: 1607F81-002 **Date Received:** 07/19/2016 4:18 PM **Collection Date:** 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	486	1,300	100		µg/L	1	07/31/2016 11:04 AM	38560
Lead	ND	15.0	5.00		µg/L	1	07/30/2016 6:57 PM	38560

Client Sample ID: **440-1203-DF2** **Matrix:** DRINKING WATER
Lab ID: 1607F81-003 **Date Received:** 07/19/2016 4:18 PM **Collection Date:** 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	472	1,300	100		µg/L	1	07/31/2016 11:08 AM	38560
Lead	ND	15.0	5.00		µg/L	1	07/30/2016 6:59 PM	38560

Client Sample ID: **440-2125-DF3** **Matrix:** DRINKING WATER
Lab ID: 1607F81-004 **Date Received:** 07/19/2016 4:18 PM **Collection Date:** 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	640	1,300	100		µg/L	1	07/31/2016 11:10 AM	38560
Lead	ND	15.0	5.00		µg/L	1	07/30/2016 7:01 PM	38560

Created: 8/3/2016 10:48:01 PM

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

Laboratory Results

Client ID: Hygieneering, Inc.
Project Name: Thompson Jr High Drinking Water Lead and Cop

Report Date: August 03, 2016
Workorder: **1607F81**

Client Sample ID: **440-2368-DF4L**
Lab ID: 1607F81-005
Date Received: 07/19/2016 4:18 PM

Matrix: DRINKING WATER
Collection Date: 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	498	1,300	100		µg/L	1	07/31/2016 11:15 AM	38560
Lead	ND	15.0	5.00		µg/L	1	07/30/2016 7:03 PM	38560

Created: 8/3/2016 10:48:01 PM

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Report Date: August 03, 2016
Project: Thompson Jr High Drinking Water
Lab Order: **1607F81**

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1607F81-001A	7/19/2016	38642	ICPMS_DWPR	Drinking Water Prep		7/28/2016
		38560	TURB_METALS	Turbidity Check		7/26/2016
1607F81-002A		38560	TURB_METALS	Turbidity Check		7/26/2016
1607F81-003A		38560	TURB_METALS	Turbidity Check		7/26/2016
1607F81-004A		38560	TURB_METALS	Turbidity Check		7/26/2016
1607F81-005A		38560	TURB_METALS	Turbidity Check		7/26/2016

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

Qualifier Definitions

WO#: **1607F81**
Date: **8/3/2016**

Qualifiers:

*/x	Value exceeds Maximum Contaminant Level
B	Analyte detected in the associated Method Blank
C	Value is below Minimum Concentration Limit
c	Analyte not in SLI scope of accredidation
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
Q	Accredidation is not available from Wisconsin
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
T	Analyte detected in sample trip blank

SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave., Ste 150, Geneva, IL 60134 Tel. 708.544.3260 Fax: 708.544.8587 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

134012

Page 7 of 7

Company Name: Hugieneering, Inc.
Company Address: 575 Plaza Ct.
City: Willowbrook State: IL Zip: 60527
Phone: (630) 654-2550 Fax ☐ Fax Report
Email Address: handersen@hugieneering.com Final Report will be emailed
Project ID / Location: Thompson Jr. High
Project Manager (Report to): Bob Anderson
Sample Collector(s) Name:

TURNAROUND TIME REQUESTED

☒ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed:_____

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 of

PO No.

Shipping Method

Reporting Level (at additional charge) 1 2 3 4

LAB USE ONLY

SUB ORDER No. 160781

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples 22 °C

Samples received the same day as collection? ☐ Yes

	SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type*	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Pb	Cu	R	Condition	Split	LAB #
1	440 - 1102 - BFP	7/19/16				1		N/A	X	X				
2	440 - 1169 - DF1	/ /				1			X	X				
3	440 - 1203 - DF2	/ /				1			X	X				
4	440 - 2125 - DF3	/ /				1			X	X				
5	440 - 2368 - DF4L	/ /				1			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:

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
Marian Iturria	7/19/16						
Received By ☐ Ice present	Time 7/19 1618	Received By ☐ Ice present	Time	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

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

August 05, 2016

Workorder: 1607F82

Bob Anderson
Hygieneering, Inc.
7575 Plaza Court
Willowbrook, IL 60521

TEL: (630) 654-2550
FAX:

RE: Southbury Elementary Drinking Water Lead and Copper Analysis

Dear Bob Anderson:

Suburban Laboratories, Inc. received 5 sample(s) on 7/19/2016 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 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
Logistics 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: Hygieneering, Inc.
Project: Southbury Elementary Drinking Water Lead and
WorkOrder: 1607F82
Temperature of samples upon receipt at SLI: C

Date: August 05, 2016
PO #:
QC Level:
Chain of Custody #:

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.
- All radiological results are reported to the 95% confidence level.

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:
1607F82-001A - 005A was preserved in the lab.

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

Laboratory Results

Client ID: Hygieneering, Inc. **Report Date:** August 05, 2016
Project Name: Southbury Elementary Drinking Water Lead and **Workorder:** **1607F82**

Client Sample ID: **820-A140-BFP** **Matrix:** DRINKING WATER
Lab ID: 1607F82-001 **Date Received:** 07/19/2016 4:18 PM **Collection Date:** 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	331	1,300	100		µg/L	1	07/30/2016 5:53 PM	38560
Lead	101	15.0	5.00	*	µg/L	1	07/30/2016 5:53 PM	38560

Client Sample ID: **820-B121-DF1** **Matrix:** DRINKING WATER
Lab ID: 1607F82-002 **Date Received:** 07/19/2016 4:18 PM **Collection Date:** 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	370	1,300	100		µg/L	1	07/31/2016 11:17 AM	38560
Lead	ND	15.0	5.00		µg/L	1	07/30/2016 7:04 PM	38560

Client Sample ID: **820-A119-DF2** **Matrix:** DRINKING WATER
Lab ID: 1607F82-003 **Date Received:** 07/19/2016 4:18 PM **Collection Date:** 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	08/03/2016 9:22 PM	38560
Lead	ND	15.0	5.00		µg/L	1	07/29/2016 7:09 PM	38560

Client Sample ID: **820-A215-DF3L** **Matrix:** DRINKING WATER
Lab ID: 1607F82-004 **Date Received:** 07/19/2016 4:18 PM **Collection Date:** 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	536	1,300	100		µg/L	1	07/31/2016 11:27 AM	38560
Lead	ND	15.0	5.00		µg/L	1	07/30/2016 7:06 PM	38560

Created: 8/5/2016 3:41:32 PM

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

Laboratory Results

Client ID: Hygieneering, Inc.
Project Name: Southbury Elementary Drinking Water Lead and

Report Date: August 05, 2016
Workorder: **1607F82**

Client Sample ID: **820-B121-DF4**
Lab ID: 1607F82-005
Date Received: 07/19/2016 4:18 PM

Matrix: DRINKING WATER
Collection Date: 07/19/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	204	1,300	100		µg/L	1	07/31/2016 11:29 AM	38560
Lead	ND	15.0	5.00		µg/L	1	07/30/2016 7:08 PM	38560

Created: 8/5/2016 3:41:33 PM

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Report Date: August 05, 2016
Project: Southbury Elementary Drinking W
Lab Order: **1607F82**

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1607F82-001A	7/19/2016	38642	ICPMS_DWPR	Drinking Water Prep		7/28/2016
		38560	TURB_METALS	Turbidity Check		7/26/2016
1607F82-002A		38560	TURB_METALS	Turbidity Check		7/26/2016
1607F82-003A		38560	TURB_METALS	Turbidity Check		7/26/2016
1607F82-004A		38560	TURB_METALS	Turbidity Check		7/26/2016
1607F82-005A		38560	TURB_METALS	Turbidity Check		7/26/2016

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

Qualifier Definitions

WO#: **1607F82**
Date: **8/5/2016**

Qualifiers:

*/x	Value exceeds Maximum Contaminant Level
B	Analyte detected in the associated Method Blank
C	Value is below Minimum Concentration Limit
c	Analyte not in SLI scope of accredidation
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
Q	Accredidation is not available from Wisconsin
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
T	Analyte detected in sample trip blank

SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave., Ste 150, Geneva, IL 60134 Tel. 708.544.3260 Fax: 708.544.8587 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

134013

Page 7 of 7

Company Name: Hygienerring, Inc.
Company Address: 1975 Plaza Ct.
City: Willowbrook State: IL Zip: 60527
Phone: 630. 654.2550 Fax: ☐ Fax Report
Email Address: randerson@hygienerring.com Final Report will be emailed
Project ID / Location: Southbury Elementary
Project Manager (Report to): Rob Anderson
Sample Collector(s) Name: Maiva Garcia

TURNAROUND TIME REQUESTED

☒ Normal ☐ **RUSH*** *Additional Rush Charges Approved.

*Date & Time Needed: _____

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 of

PO No.

Shipping Method

Reporting Level (at additional charge) 1 2 3 4

LAB USE ONLY

SLI ORDER No. 1607F82

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples 22 °C

Samples received the same day as collection? ☐ Yes

	SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type*	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Pb	Li	R	Condition	Split	LAB #
1	820 - A140 - BFP	7/19/16				1		N/A	X	X				
2	820 - B121 - DF1	/ /				1			X	X				
3	820 - A119 - DF2	/ /				1			X	X				
4	820 - A215 - DF3	/ /				1			X	X				
5	820 - B121 - DF4	/ /				1			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:

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
Maiva Garcia	7/19/16						
Received By ☐ Ice present	Time 16:17	Received By ☐ Ice present	Time	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

SUBURBAN LABORATORIES, Inc.

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Tel. (708) 544-3260 • Toll Free (800) 783-LABS
Fax (708) 544-8587
www.suburbanlabs.com

August 03, 2016

Workorder: 1607G41

Bob Anderson
Hygieneering, Inc.
7575 Plaza Court
Willowbrook, IL 60521

TEL: (630) 654-2550
FAX:
RE: Lakewood Drinking Water Lead and Copper Analysis

Dear Bob Anderson:

Suburban Laboratories, Inc. received 5 sample(s) on 7/20/2016 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 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
Logistics 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: Hygieneering, Inc.
Date: August 03, 2016
Project: Lakewood Drinking Water Lead and Copper An
PO #:
WorkOrder: **1607G41**
QC Level:
Temperature of samples upon receipt at SLI: **C**
Chain of Custody #: 134019

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.
- All radiological results are reported to the 95% confidence level.

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:
1607G41-001A - 005A was preserved in the lab.

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

Laboratory Results

Client ID: Hygieneering, Inc. **Report Date:** August 03, 2016
Project Name: Lakewood Drinking Water Lead and Copper Ana **Workorder:** **1607G41**

Client Sample ID: **BFP-2301** **Matrix:** DRINKING WATER
Lab ID: 1607G41-001 **Date Received:** 07/20/2016 11:31 AM **Collection Date:** 07/20/2016 7:40 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	1,670	1,300	100	*	µg/L	1	07/29/2016 3:16 PM	38517
Lead	409	15.0	5.00	*	µg/L	1	07/29/2016 3:16 PM	38517

Client Sample ID: **DF1-2301** **Matrix:** DRINKING WATER
Lab ID: 1607G41-002 **Date Received:** 07/20/2016 11:31 AM **Collection Date:** 07/20/2016 7:42 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	558	1,300	100		µg/L	1	07/25/2016 5:40 PM	38517
Lead	ND	15.0	5.00		µg/L	1	07/25/2016 5:40 PM	38517

Client Sample ID: **DF2-2301** **Matrix:** DRINKING WATER
Lab ID: 1607G41-003 **Date Received:** 07/20/2016 11:31 AM **Collection Date:** 07/20/2016 7:50 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	07/25/2016 5:42 PM	38517
Lead	ND	15.0	5.00		µg/L	1	07/25/2016 5:42 PM	38517

Client Sample ID: **DF3-2301** **Matrix:** DRINKING WATER
Lab ID: 1607G41-004 **Date Received:** 07/20/2016 11:31 AM **Collection Date:** 07/20/2016 7:53 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	248	1,300	100		µg/L	1	07/25/2016 5:44 PM	38517
Lead	ND	15.0	5.00		µg/L	1	07/25/2016 5:44 PM	38517

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

Laboratory Results

Client ID: Hygieneering, Inc.
Project Name: Lakewood Drinking Water Lead and Copper Ana

Report Date: August 03, 2016
Workorder: **1607G41**

Client Sample ID: **DF4-2301**
Lab ID: 1607G41-005
Date Received: 07/20/2016 11:31 AM

Matrix: DRINKING WATER
Collection Date: 07/20/2016 7:55 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	333	1,300	100		µg/L	1	07/25/2016 5:46 PM	38517
Lead	ND	15.0	5.00		µg/L	1	07/25/2016 5:46 PM	38517

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Report Date: August 03, 2016
Project: Lakewood Drinking Water Lead an
Lab Order: **1607G41**

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1607G41-001A	7/20/2016 7:40:00 A	38566	ICPMS_DWPR	Drinking Water Prep		7/25/2016
		38517	TURB_METALS	Turbidity Check		7/25/2016
1607G41-002A	7/20/2016 7:42:00 A	38517	TURB_METALS	Turbidity Check		7/25/2016
1607G41-003A	7/20/2016 7:50:00 A	38517	TURB_METALS	Turbidity Check		7/25/2016
1607G41-004A	7/20/2016 7:53:00 A	38517	TURB_METALS	Turbidity Check		7/25/2016
1607G41-005A	7/20/2016 7:55:00 A	38517	TURB_METALS	Turbidity Check		7/25/2016

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

Qualifier Definitions

WO#: **1607G41**
Date: **8/3/2016**

Qualifiers:

*/x	Value exceeds Maximum Contaminant Level
B	Analyte detected in the associated Method Blank
C	Value is below Minimum Concentration Limit
c	Analyte not in SLI scope of accredidation
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
Q	Accredidation is not available from Wisconsin
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
T	Analyte detected in sample trip blank

SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave., Ste 150, Geneva, IL 60134 Tel. 708.544.3260 Fax: 708.544.8587 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

134019

Company Name: Hygieneering, Inc

Company Address: 7575 Plaza Ct

City: Willowbrook State: IL Zip: 60527

Phone: 630-654-2550 Fax: ☐ Fax Report

Email Address: nanderson@hygieneering.com Final Report will be emailed

Project ID / Location: Lakewood

Project Manager (Report to): Bob Anderson

Sample Collector(s) Name: Anthony Kennedy

TURNAROUND TIME REQUESTED

☒ Normal ☐ **RUSH*** *Additional Rush Charges Approved.

*Date & Time Needed: _____

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 of

PO No.

Shipping Method

Reporting Level (at additional charge) 1 2 3 4

LAB USE ONLY

SLI ORDER No. 16 07 G41

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples °C

Samples received the same day as collection? ☐ Yes

	SAMPLE IDENTIFICATION *"Use One Line Per Preservation & Container Type"*	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	R	Condition	Split	LAB #
1	BFP-2301	7/20/16						N/A				
2	DF1-2301	7/20/16										
3	DF2-2301	7/20/16										
4	DF3-2301	7/20/16										
5	DF4-2301	7/20/16										
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:

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
	7/20/16						
Received By ☐ Ice present	Time 11:31	Received By ☐ Ice present	Time	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

SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave., Ste 150, Geneva, IL 60134 Tel. 708.544.3260 Fax: 708.544.8587 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

134019

Company Name: Hygieneering, Inc

Company Address: 7575 Plaza Ct

City: Willowbrook State: IL Zip: 60527

Phone: 630-654-7550 Fax: ☐ Fax Report

Email Address: nanderson@hygieneering.com Final Report will be emailed

Project ID / Location: Lakewood

Project Manager (Report to): Bob Anderson

Sample Collector(s) Name: Anthony Kennedy

TURNAROUND TIME REQUESTED

☒ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed: _____

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 of

PO No.

Shipping Method

Reporting Level (at additional charge) 1 2 3 4

LAB USE ONLY

SLI ORDER No. 16 07 G41

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples °C

Samples received the same day as collection? ☐ Yes

	SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type*	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	R	Condition	Split	LAB #
1	BFP-2301	7/20/16	7:40					N/A				
2	DF1-2301	7/20/16	748									
3	DF2-2301	7/20/16	750									
4	DF3-2301	7/20/16	753									
5	DF4-2301	7/20/16	755									
6		/ /	PCA 7/21/16									
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:

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
	7/20/16						
Received By ☐ Ice present	Time 11:31	Received By ☐ Ice present	Time	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

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

August 03, 2016

Workorder: 1607G43

Bob Anderson
Hygieneering, Inc.
7575 Plaza Court
Willowbrook, IL 60521

TEL: (630) 654-2550
FAX:
RE: Murphy Jr High Drinking Water Lead and Copper Analysis

Dear Bob Anderson:

Suburban Laboratories, Inc. received 5 sample(s) on 7/20/2016 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 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
Logistics 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: Hygieneering, Inc.
Project: Murphy Jr High Drinking Water Lead and Copp
WorkOrder: 1607G43
Temperature of samples upon receipt at SLI: C

Date: August 03, 2016
PO #:
QC Level:
Chain of Custody #:

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.
- All radiological results are reported to the 95% confidence level.

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:
1607G43-001A - 005A was preserved in the lab.

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

Laboratory Results

Client ID: Hygieneering, Inc. **Report Date:** August 03, 2016
Project Name: Murphy Jr High Drinking Water Lead and Coppe **Workorder:** **1607G43**

Client Sample ID: **BFP-26923** **Matrix:** DRINKING WATER
Lab ID: 1607G43-001 **Date Received:** 07/20/2016 11:31 AM **Collection Date:** 07/20/2016 9:35 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	131	1,300	100		µg/L	1	07/29/2016 3:18 PM	38517
Lead	1,140	15.0	5.00	*	µg/L	1	07/29/2016 3:18 PM	38517

Client Sample ID: **DF1-26923** **Matrix:** DRINKING WATER
Lab ID: 1607G43-002 **Date Received:** 07/20/2016 11:31 AM **Collection Date:** 07/20/2016 9:39 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	398	1,300	100		µg/L	1	07/25/2016 5:52 PM	38517
Lead	ND	15.0	5.00		µg/L	1	07/25/2016 5:52 PM	38517

Client Sample ID: **DF2-26923** **Matrix:** DRINKING WATER
Lab ID: 1607G43-003 **Date Received:** 07/20/2016 11:31 AM **Collection Date:** 07/20/2016 9:42 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	604	1,300	100		µg/L	1	07/29/2016 2:29 PM	38517
Lead	ND	15.0	5.00		µg/L	1	07/25/2016 7:10 PM	38517

Client Sample ID: **DF3-26923** **Matrix:** DRINKING WATER
Lab ID: 1607G43-004 **Date Received:** 07/20/2016 11:31 AM **Collection Date:** 07/20/2016 9:44 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	321	1,300	100		µg/L	1	07/29/2016 2:33 PM	38517
Lead	ND	15.0	5.00		µg/L	1	07/25/2016 7:12 PM	38517

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

Laboratory Results

Client ID: Hygieneering, Inc.
Project Name: Murphy Jr High Drinking Water Lead and Coppe

Report Date: August 03, 2016
Workorder: **1607G43**

Client Sample ID: **DF4-26923**
Lab ID: 1607G43-005
Date Received: 07/20/2016 11:31 AM

Matrix: DRINKING WATER
Collection Date: 07/20/2016 9:48 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	496	1,300	100		µg/L	1	07/29/2016 2:34 PM	38517
Lead	ND	15.0	5.00		µg/L	1	07/25/2016 7:14 PM	38517

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Report Date: August 03, 2016
Project: Murphy Jr High Drinking Water L
Lab Order: **1607G43**

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1607G43-001A	7/20/2016 9:35:00 A	38566	ICPMS_DWPR	Drinking Water Prep		7/25/2016
		38517	TURB_METALS	Turbidity Check		7/25/2016
1607G43-002A	7/20/2016 9:39:00 A	38517	TURB_METALS	Turbidity Check		7/25/2016
1607G43-003A	7/20/2016 9:42:00 A	38517	TURB_METALS	Turbidity Check		7/25/2016
1607G43-004A	7/20/2016 9:44:00 A	38517	TURB_METALS	Turbidity Check		7/25/2016
1607G43-005A	7/20/2016 9:48:00 A	38517	TURB_METALS	Turbidity Check		7/25/2016

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

Qualifier Definitions

WO#: **1607G43**
Date: **8/3/2016**

Qualifiers:

*/x	Value exceeds Maximum Contaminant Level
B	Analyte detected in the associated Method Blank
C	Value is below Minimum Concentration Limit
c	Analyte not in SLI scope of accredidation
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
Q	Accredidation is not available from Wisconsin
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
T	Analyte detected in sample trip blank

SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave., Ste 150, Geneva, IL 60134 Tel. 708.544.3260 Fax: 708.544.8587 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

134016

Company Name: Hygieneering, Inc

Company Address: 7575 Plaza Ct

City: Willowbrook State: IL Zip: 60527

Phone: 630-654-2550 Fax: ☐ Fax Report

Email Address: banderson@hygieneering.com Final Report will be emailed

Project ID / Location: Murphy Jr High

Project Manager (Report to): Bob Anderson

Sample Collector(s) Name: Anthony Kennedy

TURNAROUND TIME REQUESTED

☐ Normal ☐ **RUSH*** *Additional Rush Charges Approved.

*Date & Time Needed: _____

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 of

PO No.

Shipping Method

Reporting Level (at additional charge) 1 2 3 4

LAB USE ONLY

SLI ORDER No. 1607G43

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples °C

Samples received the same day as collection? ☐ Yes

	SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type*	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE (Cl ph)	R	Condition	Split	LAB #
1	BFP - 26923	7/20/16				1		N/A	X			
2	DF1 - 26923	7/20/16							X			
3	DF2 - 26923	7/20/16							X			
4	DF3 - 26923	7/20/16							X			
5	DF4 - 26923	7/20/16							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:

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
	7/20/16						
Received By ☐ Ice present	Time 11:31	Received By ☐ Ice present	Time	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

SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave., Ste 150, Geneva, IL 60134 Tel. 708.544.3260 Fax: 708.544.8587 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

134016

Company Name: Hygieneering Inc
Company Address: 7575 Plaza Ct
City: Willowbrook State: IL Zip: 60527
Phone: 630-654-2552 Fax: ☐ Fax Report
Email Address: nanderson@hygieneering.com ☐ Final Report will be emailed
Project ID / Location: Murphy Jr High
Project Manager (Report to): Bob Anderson
Sample Collector(s) Name: Anthony Kennedy

TURNAROUND TIME REQUESTED

☐ Normal ☐ **RUSH*** *Additional Rush Charges Approved.

*Date & Time Needed: _____

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 of

PO No.

Shipping Method

Reporting Level (at additional charge) 1 2 3 4

LAB USE ONLY

SLLORDER No. 1607 G43

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples °C

Samples received the same day as collection? ☐ Yes

	SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type*	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Cu Pb	R	Condition	Split	LAB #
1	BFP - 26923	7/20/16	935			1		N/A	X				
2	DF1 - 26923	7/20/16	939						X				
3	DF2 - 26923	7/20/16	942						X				
4	DF3 - 26923	7/20/16	944						X				
5	DF4 - 26923	7/20/16	948						X				
6		/ /											
7		/ /											
8		/ /											
9		/ /											
10		/ /											
11		/ /											
12		/ /											

FGR 7/20/16

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:

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
	7/20/16						
Received By ☐ Ice present	Time 11:31	Received By ☐ Ice present	Time	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

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

August 03, 2016

Workorder: 1607G45

Bob Anderson
Hygieneering, Inc.
7575 Plaza Court
Willowbrook, IL 60521

TEL: (630) 654-2550
FAX:
RE: Grande Park Drinking Water Lead and Copper Analysis

Dear Bob Anderson:

Suburban Laboratories, Inc. received 5 sample(s) on 7/20/2016 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 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
Logistics 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: Hygieneering, Inc.
Project: Grande Park Drinking Water Lead and Copper
WorkOrder: 1607G45
Temperature of samples upon receipt at SLI: C

Date: August 03, 2016
PO #:
QC Level:
Chain of Custody #:

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.
- All radiological results are reported to the 95% confidence level.

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:
1607G45-001A - 005A was preserved in the lab.

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

Laboratory Results

Client ID: Hygieneering, Inc. **Report Date:** August 03, 2016
Project Name: Grande Park Drinking Water Lead and Copper A **Workorder:** **1607G45**

Client Sample ID: **BFP-26933** **Matrix:** DRINKING WATER
Lab ID: 1607G45-001 **Date Received:** 07/20/2016 11:31 AM **Collection Date:** 07/20/2016 9:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	108	1,300	100		µg/L	1	07/29/2016 2:36 PM	38518
Lead	ND	15.0	5.00		µg/L	1	07/25/2016 7:16 PM	38518

Client Sample ID: **DF1-26933** **Matrix:** DRINKING WATER
Lab ID: 1607G45-002 **Date Received:** 07/20/2016 11:31 AM **Collection Date:** 07/20/2016 9:05 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	07/25/2016 7:18 PM	38518
Lead	ND	15.0	5.00		µg/L	1	07/25/2016 7:18 PM	38518

Client Sample ID: **DF2-26933** **Matrix:** DRINKING WATER
Lab ID: 1607G45-003 **Date Received:** 07/20/2016 11:31 AM **Collection Date:** 07/20/2016 9:07 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	160	1,300	100		µg/L	1	07/29/2016 3:20 PM	38518
Lead	ND	15.0	5.00		µg/L	1	07/29/2016 3:20 PM	38518

Client Sample ID: **DF3-26933** **Matrix:** DRINKING WATER
Lab ID: 1607G45-004 **Date Received:** 07/20/2016 11:31 AM **Collection Date:** 07/20/2016 9:10 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	07/25/2016 7:22 PM	38518
Lead	ND	15.0	5.00		µg/L	1	07/25/2016 7:22 PM	38518

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

Laboratory Results

Client ID: Hygieneering, Inc.
Report Date: August 03, 2016
Project Name: Grande Park Drinking Water Lead and Copper A
Workorder: **1607G45**

Client Sample ID: **DF4-26933**
Matrix: DRINKING WATER
Lab ID: 1607G45-005
Date Received: 07/20/2016 11:31 AM
Collection Date: 07/20/2016 9:15 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	205	1,300	100		µg/L	1	07/29/2016 2:38 PM	38518
Lead	ND	15.0	5.00		µg/L	1	07/25/2016 7:24 PM	38518

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Report Date: August 03, 2016
Project: Grande Park Drinking Water Lead
Lab Order: **1607G45**

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1607G45-001A	7/20/2016 9:00:00 A	38518	TURB_METALS	Turbidity Check		7/25/2016
1607G45-002A	7/20/2016 9:05:00 A	38518	TURB_METALS	Turbidity Check		7/25/2016
1607G45-003A	7/20/2016 9:07:00 A	38566	ICPMS_DWPR	Drinking Water Prep		7/25/2016
		38518	TURB_METALS	Turbidity Check		7/25/2016
1607G45-004A	7/20/2016 9:10:00 A	38518	TURB_METALS	Turbidity Check		7/25/2016
1607G45-005A	7/20/2016 9:15:00 A	38518	TURB_METALS	Turbidity Check		7/25/2016

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

Qualifier Definitions

WO#: **1607G45**
Date: **8/3/2016**

Qualifiers:

*/x	Value exceeds Maximum Contaminant Level
B	Analyte detected in the associated Method Blank
C	Value is below Minimum Concentration Limit
c	Analyte not in SLI scope of accredidation
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
Q	Accredidation is not available from Wisconsin
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
T	Analyte detected in sample trip blank

SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave., Ste 150, Geneva, IL 60134 Tel. 708.544.3260 Fax: 708.544.8587 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

134017

Company Name: Hygieneering, Inc.
Company Address: 2535 Plaza Ct
City: Willowbrook State: IL Zip: 60527
Phone: 630-654-7550 Fax: ☐ Fax Report
Email Address: banderson@hygieneering.com Final Report will be emailed
Project ID / Location: Grande Park
Project Manager (Report to): Bob Anderson
Sample Collector(s) Name: Anthony Kennedy

TURNAROUND TIME REQUESTED

☒ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed: _____

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 of
PO No.
Shipping Method
Reporting Level (at additional charge) 1 2 3 4

LAB USE ONLY

SLI ORDER No: 1607G45
Sample containers supplied by customer? ☐ Yes
Temperature of Received Samples °C
Samples received the same day as collection? ☐ Yes

	SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type*	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	(Co Pb)	R	Condition	Split	LAB #
1	BFD-26933	7/20/16	900			1		N/A	X X				
2	DF1-26933	7/20/16	905			1			X X				
3	DF2-26933	7/20/16	907			1			X X				
4	DF3-26933	7/20/16	910			1			X X				
5	DF4-26933	7/20/16	915			1			X X				
6		/ /	RGR 7/20/16										
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:

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
	7/20/16						
Received By ☐ Ice present	Time 11:31	Received By ☐ Ice present	Time	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

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

August 03, 2016

Workorder: 1607G46

Bob Anderson
Hygieneering, Inc.
7575 Plaza Court
Willowbrook, IL 60521

TEL: (630) 654-2550
FAX:
RE: Fox Chase Drinking Water Lead and Copper Analysis

Dear Bob Anderson:

Suburban Laboratories, Inc. received 5 sample(s) on 7/20/2016 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 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
Logistics 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: Hygieneering, Inc.
Date: August 03, 2016
Project: Fox Chase Drinking Water Lead and Copper An
PO #:
WorkOrder: **1607G46**
QC Level:
Temperature of samples upon receipt at SLI: **C**
Chain of Custody #:

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.
- All radiological results are reported to the 95% confidence level.

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:
1607G46-001A - 005A was preserved in the lab.

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

Laboratory Results

Client ID: Hygieneering, Inc. **Report Date:** August 03, 2016
Project Name: Fox Chase Drinking Water Lead and Copper Ana **Workorder:** 1607G46

Client Sample ID: BFP-260 **Matrix:** DRINKING WATER
Lab ID: 1607G46-001 **Date Received:** 07/20/2016 11:30 AM **Collection Date:** 07/20/2016 8:10 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	07/29/2016 2:47 PM	38518
Lead	20.7	15.0	5.00	*	µg/L	1	07/25/2016 7:26 PM	38518

Client Sample ID: DF1-260 **Matrix:** DRINKING WATER
Lab ID: 1607G46-002 **Date Received:** 07/20/2016 11:30 AM **Collection Date:** 07/20/2016 8:13 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	337	1,300	100		µg/L	1	07/29/2016 2:49 PM	38518
Lead	ND	15.0	5.00		µg/L	1	07/25/2016 7:42 PM	38518

Client Sample ID: DF2-260 **Matrix:** DRINKING WATER
Lab ID: 1607G46-003 **Date Received:** 07/20/2016 11:30 AM **Collection Date:** 07/20/2016 8:15 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	447	1,300	100		µg/L	1	07/29/2016 2:51 PM	38518
Lead	ND	15.0	5.00		µg/L	1	07/25/2016 7:44 PM	38518

Client Sample ID: DF3-260 **Matrix:** DRINKING WATER
Lab ID: 1607G46-004 **Date Received:** 07/20/2016 11:30 AM **Collection Date:** 07/20/2016 8:19 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	239	1,300	100		µg/L	1	07/29/2016 2:52 PM	38518
Lead	ND	15.0	5.00		µg/L	1	07/25/2016 7:46 PM	38518

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

Laboratory Results

Client ID: Hygieneering, Inc.
Project Name: Fox Chase Drinking Water Lead and Copper Ana

Report Date: August 03, 2016
Workorder: **1607G46**

Client Sample ID: **DF4-260**
Lab ID: 1607G46-005
Date Received: 07/20/2016 11:30 AM

Matrix: DRINKING WATER
Collection Date: 07/20/2016 8:26 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	333	1,300	100		µg/L	1	07/29/2016 2:54 PM	38518
Lead	ND	15.0	5.00		µg/L	1	07/25/2016 7:48 PM	38518

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Report Date: August 03, 2016
Project: Fox Chase Drinking Water Lead an
Lab Order: **1607G46**

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1607G46-001A	7/20/2016 8:10:00 A	38518	TURB_METALS	Turbidity Check		7/25/2016
1607G46-002A	7/20/2016 8:13:00 A	38518	TURB_METALS	Turbidity Check		7/25/2016
1607G46-003A	7/20/2016 8:15:00 A	38518	TURB_METALS	Turbidity Check		7/25/2016
1607G46-004A	7/20/2016 8:19:00 A	38518	TURB_METALS	Turbidity Check		7/25/2016
1607G46-005A	7/20/2016 8:26:00 A	38518	TURB_METALS	Turbidity Check		7/25/2016

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

Qualifier Definitions

WO#: **1607G46**
Date: **8/3/2016**

Qualifiers:

*/x	Value exceeds Maximum Contaminant Level
B	Analyte detected in the associated Method Blank
C	Value is below Minimum Concentration Limit
c	Analyte not in SLI scope of accredidation
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
Q	Accredidation is not available from Wisconsin
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
T	Analyte detected in sample trip blank

SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave., Ste 150, Geneva, IL 60134 Tel. 708.544.3260 Fax: 708.544.8587 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

134018

Company Name: Hygieneering, Inc

Company Address: 7575 Plaza Ct

City: Willowbrook State: IL Zip: 60527

Phone: 630-854-7550 Fax: ☐ Fax Report

Email Address: brandersen@hygieneering.com Final Report will be emailed

Project ID / Location: Fox Chase

Project Manager (Report to): Bob Anderson

Sample Collector(s) Name: Anthea Kennedy

TURNAROUND TIME REQUESTED

☐ Normal ☐ **RUSH*** *Additional Rush Charges Approved.

*Date & Time Needed: _____

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 of

PO No.

Shipping Method

Reporting Level (at additional charge) 1 2 3 4

LAB USE ONLY

SLI ORDER No. 1607646

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples °C

Samples received the same day as collection? ☐ Yes

	SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type*	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	(Co Ph)	R	Condition	Split	LAB #
1	BFP-260	7/20/16				1		N/A	X				
2	DF1-260	7/20/16				1			X				
3	DF2-260	7/20/16				1			X				
4	DF3-260	7/20/16				1			X				
5	DF4-260	7/20/16				1			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:

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
	7/20/16						
Received By ☐ Ice present	Time 11:31	Received By ☐ Ice present	Time	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

SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave., Ste 150, Geneva, IL 60134 Tel. 708.544.3260 Fax: 708.544.8587 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

134018

Company Name: Hygieneering, Inc

Company Address: 7575 Plaza Ct

City: Willowbrook State: IL Zip: 60527

Phone: 630-654-7550 Fax: ☐ Fax Report

Email Address: brianderson@hygieneering.com Final Report will be emailed

Project ID / Location: Fox Chase

Project Manager (Report to): Bob Anderson

Sample Collector(s) Name: Anthony Kennedy

TURNAROUND TIME REQUESTED

☐ Normal ☐ **RUSH*** *Additional Rush Charges Approved.

*Date & Time Needed: _____

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 of

PO No.

Shipping Method

Reporting Level (at additional charge) 1 2 3 4

LAB USE ONLY

SLI ORDER No. 1607G46

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples °C

Samples received the same day as collection? ☐ Yes

	SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type*	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	R	Condition	Split	LAB #
1	BFP-260	7/20/16	810			1		N/A				
2	DF1-260	7/20/16	813			1						
3	DF2-260	7/20/16	815			1						
4	DF3-260	7/20/16	819			1						
5	DF4-260	7/20/16	826			1						
6		/ /										
7		/ /										
8		/ /										
9		/ /										
10		/ /										
11		/ /										
12		/ /										

PCL 7/21/16

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:

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
	7/20/16						
Received By ☐ Ice present	Time 11:31	Received By ☐ Ice present	Time	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

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

August 03, 2016

Workorder: 1607G48

Bob Anderson
Hygieneering, Inc.
7575 Plaza Court
Willowbrook, IL 60521

TEL: (630) 654-2550
FAX:
RE: Hunt Club Elementary Drinking Water Lead and Copper Analysis

Dear Bob Anderson:

Suburban Laboratories, Inc. received 5 sample(s) on 7/20/2016 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 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
Logistics 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: Hygieneering, Inc.
Project: Hunt Club Elementary Drinking Water Lead and
WorkOrder: 1607G48
Temperature of samples upon receipt at SLI: C

Date: August 03, 2016
PO #:
QC Level:
Chain of Custody #:

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.
- All radiological results are reported to the 95% confidence level.

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:
1607G48-001A - 005A was preserved in the lab.

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

Laboratory Results

Client ID: Hygieneering, Inc. **Report Date:** August 03, 2016
Project Name: Hunt Club Elementary Drinking Water Lead and **Workorder:** **1607G48**

Client Sample ID: **4001-A128-BFP** **Matrix:** DRINKING WATER
Lab ID: 1607G48-001 **Date Received:** 07/20/2016 11:31 AM **Collection Date:** 07/20/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	258	1,300	100		µg/L	1	07/29/2016 2:56 PM	38518
Lead	13.5	15.0	5.00		µg/L	1	07/25/2016 7:50 PM	38518

Client Sample ID: **4001-B121-DF1** **Matrix:** DRINKING WATER
Lab ID: 1607G48-002 **Date Received:** 07/20/2016 11:31 AM **Collection Date:** 07/20/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	264	1,300	100		µg/L	1	07/29/2016 3:09 PM	38518
Lead	ND	15.0	5.00		µg/L	1	07/25/2016 7:52 PM	38518

Client Sample ID: **4001-A115-DF2L** **Matrix:** DRINKING WATER
Lab ID: 1607G48-003 **Date Received:** 07/20/2016 11:31 AM **Collection Date:** 07/20/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	120	1,300	100		µg/L	1	07/29/2016 3:11 PM	38518
Lead	ND	15.0	5.00		µg/L	1	07/25/2016 7:54 PM	38518

Client Sample ID: **4001-A119-DF3** **Matrix:** DRINKING WATER
Lab ID: 1607G48-004 **Date Received:** 07/20/2016 11:31 AM **Collection Date:** 07/20/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	07/25/2016 8:02 PM	38518
Lead	ND	15.0	5.00		µg/L	1	07/25/2016 8:02 PM	38518

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

Laboratory Results

Client ID: Hygieneering, Inc.
Project Name: Hunt Club Elementary Drinking Water Lead and

Report Date: August 03, 2016
Workorder: **1607G48**

Client Sample ID: **4001-A229-DF4U**
Lab ID: 1607G48-005
Date Received: 07/20/2016 11:31 AM

Matrix: DRINKING WATER
Collection Date: 07/20/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	161	1,300	100		µg/L	1	07/25/2016 8:04 PM	38518
Lead	ND	15.0	5.00		µg/L	1	07/25/2016 8:04 PM	38518

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Report Date: August 03, 2016
Project: Hunt Club Elementary Drinking W
Lab Order: **1607G48**

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1607G48-001A	7/20/2016	38518	TURB_METALS	Turbidity Check		7/25/2016
1607G48-002A		38518	TURB_METALS	Turbidity Check		7/25/2016
1607G48-003A		38518	TURB_METALS	Turbidity Check		7/25/2016
1607G48-004A		38518	TURB_METALS	Turbidity Check		7/25/2016
1607G48-005A		38518	TURB_METALS	Turbidity Check		7/25/2016

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

Qualifier Definitions

WO#: **1607G48**
Date: **8/3/2016**

Qualifiers:

*/x	Value exceeds Maximum Contaminant Level
B	Analyte detected in the associated Method Blank
C	Value is below Minimum Concentration Limit
c	Analyte not in SLI scope of accredidation
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
Q	Accredidation is not available from Wisconsin
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
T	Analyte detected in sample trip blank

SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave., Ste 150, Geneva, IL 60134 Tel. 708.544.3260 Fax: 708.544.8587 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

134021

Company Name: Hugieneering, Inc

Company Address: 475 Plaza Ct.

City: Willowbrook State: IL Zip: 60527

Phone: (630) 654-2550 Fax: ☐ Fax Report

Email Address: banderson@hugieneering.com Final Report will be emailed

Project ID / Location: Hunt Club Elementary

Project Manager (Report to): Bob Anderson

Sample Collector(s) Name: Maira Garcia

TURNAROUND TIME REQUESTED

☒ Normal ☐ **RUSH*** *Additional Rush Charges Approved.

*Date & Time Needed: _____

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 of

PO No.

Shipping Method

Reporting Level (at additional charge) 1 2 3 4

LAB USE ONLY

SLI ORDER No. 1607G48

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples °C

Samples received the same day as collection? ☐ Yes

	SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type*	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Pb	Cu	R	Condition	Split	LAB #
1	4001-A128-BFP	7/20/16				1		N/A	X	X				
2	4001-B121-DFL	〃				1		〃	X	X				
3	4001-A115-DF2L	〃				1		〃	X	X				
4	4001-A119-DF3	〃				1		〃	X	X				
5	4001-A229-DF4U	〃				1		〃	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:

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
Maira Garcia	7/20/16						
Received By ☐ Ice present	Time 11:31	Received By ☐ Ice present	Time	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

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

August 03, 2016

Workorder: 1607G51

Bob Anderson
Hygieneering, Inc.
7575 Plaza Court
Willowbrook, IL 60521

TEL: (630) 654-2550
FAX:
RE: Oswego 308 Center Drinking Water Lead and Copper Analysis

Dear Bob Anderson:

Suburban Laboratories, Inc. received 5 sample(s) on 7/20/2016 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 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
Logistics 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: Hygieneering, Inc.
Date: August 03, 2016
Project: Oswego 308 Center Drinking Water Lead and C
PO #:
WorkOrder: **1607G51**
QC Level:
Temperature of samples upon receipt at SLI: **C**
Chain of Custody #:

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.
- All radiological results are reported to the 95% confidence level.

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:
1607G51-001A - 005A was preserved in the lab.

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

Laboratory Results

Client ID: Hygieneering, Inc. **Report Date:** August 03, 2016
Project Name: Oswego 308 Center Drinking Water Lead and Co **Workorder:** **1607G51**

Client Sample ID: **61-A010-BFP** **Matrix:** DRINKING WATER
Lab ID: 1607G51-001 **Date Received:** 07/20/2016 11:31 AM **Collection Date:** 07/20/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	1,480	1,300	100	*	µg/L	1	07/29/2016 3:21 PM	38518
Lead	128	15.0	5.00	*	µg/L	1	07/29/2016 3:21 PM	38518

Client Sample ID: **61-GV3-DF1** **Matrix:** DRINKING WATER
Lab ID: 1607G51-002 **Date Received:** 07/20/2016 11:31 AM **Collection Date:** 07/20/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	256	1,300	100		µg/L	1	07/25/2016 8:10 PM	38518
Lead	ND	15.0	5.00		µg/L	1	07/25/2016 8:10 PM	38518

Client Sample ID: **61-A113-DF2** **Matrix:** DRINKING WATER
Lab ID: 1607G51-003 **Date Received:** 07/20/2016 11:31 AM **Collection Date:** 07/20/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	100	1,300	100		µg/L	1	07/25/2016 8:12 PM	38518
Lead	ND	15.0	5.00		µg/L	1	07/25/2016 8:12 PM	38518

Client Sample ID: **61-A224-DF3** **Matrix:** DRINKING WATER
Lab ID: 1607G51-004 **Date Received:** 07/20/2016 11:31 AM **Collection Date:** 07/20/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	07/25/2016 8:14 PM	38518
Lead	ND	15.0	5.00		µg/L	1	07/25/2016 8:14 PM	38518

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

Laboratory Results

Client ID: Hygieneering, Inc.
Project Name: Oswego 308 Center Drinking Water Lead and Co

Report Date: August 03, 2016
Workorder: **1607G51**

Client Sample ID: **61-A125-DF4**
Lab ID: 1607G51-005
Date Received: 07/20/2016 11:31 AM

Matrix: DRINKING WATER
Collection Date: 07/20/2016 12:00 AM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Method: EPA-200.8-Rev 5.4, 1994				Analyst: jmk	
Copper	334	1,300	100		µg/L	1	07/25/2016 8:16 PM	38518
Lead	ND	15.0	5.00		µg/L	1	07/25/2016 8:16 PM	38518

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Report Date: August 03, 2016
Project: Oswego 308 Center Drinking Wate
Lab Order: **1607G51**

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1607G51-001A	7/20/2016	38566	ICPMS_DWPR	Drinking Water Prep		7/25/2016
		38518	TURB_METALS	Turbidity Check		7/25/2016
1607G51-002A		38518	TURB_METALS	Turbidity Check		7/25/2016
1607G51-003A		38518	TURB_METALS	Turbidity Check		7/25/2016
1607G51-004A		38518	TURB_METALS	Turbidity Check		7/25/2016
1607G51-005A		38518	TURB_METALS	Turbidity Check		7/25/2016

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

Qualifier Definitions

WO#: **1607G51**
Date: **8/3/2016**

Qualifiers:

*/x	Value exceeds Maximum Contaminant Level
B	Analyte detected in the associated Method Blank
C	Value is below Minimum Concentration Limit
c	Analyte not in SLI scope of accredidation
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
Q	Accredidation is not available from Wisconsin
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
T	Analyte detected in sample trip blank

SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave., Ste 150, Geneva, IL 60134 Tel. 708.544.3260 Fax: 708.544.8587 Toll Free: 800.783.LABS www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

134022

Company Name: Hygienneering, Inc.
Company Address: 1575 Plaza Ct.
City: Willowbrook State: IL Zip: 60527
Phone: (630) 654-2550 Fax: ☐ Fax Report
Email Address: manderson@hygieneering.com Final Report will be emailed
Project ID / Location: ~~[illegible]~~ OSWEGO 308 Center
Project Manager (Report to): Bob Andersen
Sample Collector(s) Name: Maiva Garcia

TURNAROUND TIME REQUESTED

☒ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed: _____

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 of
PO No.
Shipping Method
Reporting Level (at additional charge) 1 2 3 4

LAB USE ONLY

SLI ORDER No. 1607G51
Sample containers supplied by customer? ☐ Yes
Temperature of Received Samples °C
Samples received the same day as collection? ☐ Yes

	SAMPLE IDENTIFICATION *Use One Line Per Preservation & Container Type*	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Pb	Cu	R	Condition	Split	LAB #
1	61-A010-REP	7/20/16				1		N/A	X	X				
2	61-GV3-DF1	/ /				1			X	X				
3	61-A113-DF2	/ /				1			X	X				
4	61-A224-DF3	/ /				1			X	X				
5	61-A125-DF4	/ /				1			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:

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
Maiva Garcia	7/20/16						
Received By ☐ Ice present	Time 11:31	Received By ☐ Ice present	Time	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

SD308
COMMUNITY UNIT
SCHOOL DISTRICT

Kandi King <kking@sd308.org>

FOIA Request

1 message

Katie Drews <kdrews@bettergov.org> Thu, Sep 15, 2016 at 2:32 PM
To: FOIArequests@sd308.org

Dear FOIA officer:

My name is Katie Drews with the Better Government Association and this is a request under the Illinois Freedom of Information Act.

Under FOIA, I'm requesting copies of:

- Records showing results of any and all lead testing of water sources at district schools from August 1, 2011 to the present. Please also provide details of the lead testing, including — but not limited to — who performed the testing and how it was completed.
- Any and all communication including — but not limited to — emails, letters, memos and meeting minutes about lead testing of water sources at district schools from Jan. 1, 2016 to today. Please be sure to include communication that was sent to parents, as well as records showing any and all discussion among staff, board members, vendors and others.

This is for a possible news story. As such, I ask that any fees be waived as law allows.

Please convey the information electronically to this email address: kdrews@bettergov.org.

Please contact me with any questions. I appreciate your consideration.

Sincerely,

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