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June 28, 2016

Email: glen.michelini@ccsd21.org
847-520-2613

Glen Michelini
Director of Building and Grounds
Wheeling Community Consolidated School District 21
999 West Dundee Road
Wheeling, IL 60090

Re: Lead and Copper Water Quality Sampling
Hygieneering Project # 2016-2685-EA

Dear Mr. Michelini:

Hygieneering, Inc. (Hygieneering) was retained by Wheeling Community Consolidated School District 21 to provide environmental testing and consulting services. Hygieneering conducted proactive potable water quality sampling at schools that comprise the Wheeling Community Consolidated School District 21. 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 for copper and lead analysis.

Scope of Work

Hygieneering conducted the following tasks as part of this project:

1. Hygieneering collected water samples from pre-determined potable water fixtures throughout the following buildings that comprise Wheeling School District 21:

   - Frost Elementary School
   - Holmes Middle School
   - Whitman Elementary School
   - Hawthorne Early Childhood School
   - Twain Elementary School
   - Field Elementary School
   - London Middle School
   - Kilmer Elementary School
   - Cooper Middle School
   - Longfellow Elementary School
   - Poe Elementary School
   - Riley Elementary School
   - Tarkington Elementary School
   - Gill Administration Center

2. One, first draw water sample was collected from each pre-determined water fixture from each of the above referenced 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).
3. Collectively, a total of twenty-two (58) water samples were collected and submitted to a drinking water accredited laboratory for lead analysis. Per request of the client, samples were analyzed on standard seven to ten laboratory business days.
4. Analytical results for lead and copper were compared to the Environmental Protection Agency's (EPA) National Primary Drinking Water Regulations (NPDWR/) or Primary Standards.
5. Hygieneering prepared this letter report documenting field activities and laboratory analytical results in comparison to EPA's Primary and/or Secondary Drinking Water Standards.
6. Certified Hazardous Materials Managers (CHMM) and Environmental Consultants managed this project.

7. 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 and Characteristics

Per the request of Wheeling Community Consolidated School District 21, Hygieneering collected water samples for laboratory analysis for lead and copper. Lead and copper in drinking water is commonly associated with corrosion of plumbing systems or erosion of natural deposits (source: United Stated Environmental Protection Agency Drinking Water Contaminants –Standards and Regulations, January 6, 2016).

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.

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 copper and 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. 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) Hygieneering compared lead to the AL of 15 ppb and copper to the AL of 1300 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.

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.

Project Activities

Hygieneering collected water samples from various pre-determined fixtures selected by Wheeling Community Consolidated School District 21 for lead and copper analysis at the following buildings:

- Frost Elementary School
- Holmes Middle School
- Whitman Elementary School
- Hawthorne Early Childhood School
- Twain Elementary School
- Field Elementary School
- London Middle School
- Kilmer Elementary School
- Cooper Middle School
- Longfellow Elementary School
- Poe Elementary School
- Riley Elementary School
- Tarkington Elementary School
- Gill Administration Center

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 Wheeling Community Consolidated School District 21. The water samples were collected in accordance to 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. 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.

May 17, 2016 Sampling Event

Mr. Matt Tyberg and Mr. Matt Seymour, Safety and Health Technicians of Hygieneering, conducted fieldwork on May 17th, 2016. Collectively, Hygieneering collected water samples from fifty-eight (58) pre-determined potable water fixtures from the schools mentioned above. A total of fifty-eight (58) 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 turnaround time. Table 1 below summarizes the locations and types of fixtures sampled.

June 1 2016 Sampling Event

Mr. Bob Anderson of Hygieneering, conducted follow up fieldwork on June 1st, 2016. Hygieneering collected water samples from one (1) potable water fixtures from Longfellow School room 105. A total of two (2) 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 turnaround time. Table 1 below summarizes the locations and types of fixtures sampled.

Table 1				
Building	**Hygieneering Sample ID**	**Laboratory Sample ID**	**Type of Fixture**	**Description of Fixture and Location**
Frost Elementary	1805-SKITCHENA	1605F18-001A	Sink	Left Kitchen Sink of 3 Stage Sink (A). Sink was used just before sample was taken.
	1805-SBATHROOMB	1605F18-002A	Sink	Center water spout on Motion sensor sink in Girls' Bathroom (B).
	1805-HFOUNTAINA205	1605F18-003A	Drinking Fountain	Fountain A on second floor in hallway near room 205.
	1805-SLOUNGE122	1605F18-004A	Sink	Sink in South West corner of teachers' lounge
Holmes Middle School	221-SKITCHENA	1605E35-001A	Sink	Sink A of two fixture sink in Kitchen. Used just before draw was taken.
	221-SBATHROOMD	1605E35-002A	Sink	4th Fixture on multisprayer sink in Boys' Bathroom (D).
	221-HFOUNTAIN204	1605E35-003A	Drinking Fountain	2nd floor near room 204
	221-SLOUNGE	1605E35-004A	Sink	Sink on North side of teachers' lounge.
Whitman Elementary School	133-SKITCHEN123	1605E36-001A	Sink	Kitchen sink on South wall.
	133-SBATHROOMA	1605E36-002A	Sink	Left sink (A) boys bathroom.
	133-HFOUNTAINLRCA	1605E36-003A	Drinking Fountain	Fountain A across from health room 106A.
	133-SLOUNGE108	1605E36-004A	Sink	Faucet in teachers' lounge on the East side of the room 108.
Hawthorne Early Childhood School	200-HFOUNTAIN105B	1605E37-001A	Drinking Fountain	Drinking fountain on the right (B) located in the hallway near room 105 adjacent to the girls bathroom.
	200-SBATHROOM	1605E37-002A	Sink	North side of the boys' bathroom single fixture and pedal operated.
	200-HFOUNTAIN207A	1605E37-003A	Drinking Fountain	Drinking fountain on the left side (A) near room 207 adjacent to the women's restroom.
	200-SLOUNGEB	1605E37-004A	Sink	Right sink (B) on the West side of the room of the teachers' lounge.
Twain Elementary School	515-SKITCHEN	1605E40-001A	Sink	Sink on the South East side of the kitchen.
	515-SBATHROOMD	1605E40-002A	Sink	Bathroom sink on the North wall faucet 3 (D).
	515-HFOUNTAINMUSICHALLB	1605E40-003A	Drinking Fountain	Fountain across from cafeteria adjacent to the music room.
	515-SLOUNG135	1605E40-004A	Sink	Teachers' lounge sink located in room 135.
Field Elementary School	51-SKITCHENA	1605E39-001A	Sink	Left sink in kitchen (A).
	51-SBATHROOMA	1605E39-002A	Sink	1st fixture in boys bathroom sink closest to the wall (A).

Table 1				
Building	**Hygieneering Sample ID**	**Laboratory Sample ID**	**Type of Fixture**	**Description of Fixture and Location**
	51-HFOUNTAIN105B	1605E39-003A	Drinking Fountain	Fountain on 2nd floor near room 105 right side (B).
	51-SLOUNGE	1605E39-004A	Sink	Sink on the SW wall of teachers' lounge.
London Middle School	1001-SNURSE317	1605F17-001A	Sink	Nurses sink adjacent to fridge
	1001-HFOUNTAINSS.COMMONSB	1605F17-002A	Drinking Fountain	Drinking fountain on the right side (B). Located in the South Commons.
	1001-SBATHRROMSTAFF	1605F17-003A	Sink	Staff Bathroom located in South Commons.
	1001-SLOUNGE423	1605F17-004A	Sink	Room 423 staff dining room in cafeteria area. Sink was used prior to sample collection.
Kilmer Elementary School	1	1605E49-001A	Drinking Fountain	Fountain located in the hallway East of room 113. Sample collected from the fountain located on the right
	2	1605E49-002A	Sink	Sink is located in the teacher's lounge located South of room 113. Sink is located on the South wall of the teacher's lounge
	3	1605E49-003A	Sink	Sink is located in the boy's bathroom West of the gym
	4	1605E49-004A	Sink	Sink is locating on the South wall of the Kitchen.
Cooper Middle School	5	1605E47-001A	Sink	Sink is located on the Southeast wall of the kitchen.
	6	1605E47-002A	Sink	Sink in located on the North wall of the Teacher's lounge
	7	1605E47-003A	Drinking Fountain	Drinking fountain is located on the Northwest wall of the hallway across from room 122. Sample collected from the right set of fountains.
	8	1605E47-004A	Sink	Sink is located in the boys bathroom across from the Northwest entrance to the building (Door #8)
Longfellow Elementary School	9	1605E45-001	Drinking Fountain	Fountain located to the right of door #10. Sample collected from the fountains on the right.
	10	1605E45-002	Sink	Sink located in the boys bathroom next to door #10. Sample collected from sink of the left.
	11	1605E45-003	Sink	Sink located on the North wall of room 105.
	12	1605E45-004	Sink	Sink located on the South wall of the teacher's lounge (room 106).
	13	1605E45-005	Sink	Sink located on the North wall of the Kitchen. Sample collected

Table 1				
Building	**Hygieneering Sample ID**	**Laboratory Sample ID**	**Type of Fixture**	**Description of Fixture and Location**
				from the faucet on the right.
Poe Elementary School	14	1605E44-001A	Sink	Sink located on the South wall of the teacher's lounge.
	15	1605E44-002A	Drinking Fountain	Fountain located in the hallway to the East of the LMC. Sample collected from the fountain on the left.
	16	1605E44-003A	Sink	Sink located in the boys bathroom, South of room 111. Sample collected from the Sink on the right.
	17	1605E44-004A	Sink	Sink located on the South wall of the Kitchen.
Riley Elementary School	18	1605E43-001A	Drinking Fountain	Fountain located in the hallway, to the left of room 103. Sample collected from the fountain on the right.
	19	1605E43-002A	Sink	Sink located on the East wall of the Teacher's Lounge.
	20	1605E43-003A	Sink	Sink located in the boy's bathroom across from room 102.
	21	1605E43-004A	Sink	Sink located on the North wall of the Kitchen. Sample collected from the faucet on the left.
Tarkington Elementary School	22	1605E41-001A	Sink	Sink located on the West wall of the Kitchen. Sample collected from the faucet on the left.
	23	1605E41-002A	Sink	Sink located on the South wall of the Teacher's Lounge.
	24	1605E41-003A	Sink	Sink located on the South wall of the Health Office.
	25	1605E41-004A	Drinking Fountain	Fountain located in the hallway west of the LMC.
	26	1605E41-005A	Sink	Sink located in the boy's bathroom across from the computer lab (room 219).
Gill Administration Center	999-SKITCHENBOARDRM	1605E32-001A	Sink	Single sink located in the Board Room.
	999-SBATHROOMHRB	1605E32-002A	Sink	Single bathroom on the right side near HR.
	999-HFOUNTAINCURR.OFFICE	1605E32-003A	Drinking Water Dispenser	Water bottle filling station near curriculum office.
	999-SKITCHENBUSINESSOFF.	1605E32-004A	Sink	Business office kitchen sink.

Sample Results & Interpretation

In summary, the analytical results were below laboratory reporting limits and indicate no exceedances of EPA's Primary Standard AL for lead in all samples collected and analyzed except for room 105 sink at Longfellow School which was resampled with acceptable results. Refer to the tables in this report, and Appendices A and B for further details of concentrations of lead and sample locations. Laboratory analytical tables for each school 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 for each sampling event are included in Appendix B. Laboratory analytical reports are included in Appendix C.

Conclusions and Recommendations

Hygieneering conducted a proactive evaluation of potable water quality for lead and copper selected by Wheeling Community Consolidated School District 21. 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 analytical results indicate exceedances of EPA's Primary Standard AL for lead in solely the first draw water samples collected from the spigot; lead was below its AL in the water sample collected from the identified locations. Copper was below its AL in first draw samples. Refer to the tables in this report, and Appendices A and B for concentrations of lead and copper locations of exceedances. Hygieneering recommends the following for your consideration:

- Continue with proactive measures of evaluating water quality in the Wheeling Community Consolidated School District 21 facilities.

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.

Sincerely,
Hygieneering, Inc.

Matt Tyberg
Safety and Health Technician

Matt Seymour
Safety and Health Technician

Bob Anderson, CHMM
Director, Environmental Services

Valerie Hofmann, CHMM
Senior Environmental Consultant

APPENDIX A

LABORATORY ANALYTICAL TABLES

Building	Location Room	Floor	Type of fixture sampled	Description of fixture and location
Kilmer	Hallway	1	Drinking Fountain	Fountain located in the hallway East of room 113. Sample collected from the fountain located on the right
Kilmer	Teacher Lounge	1	Sink	Sink is located in the teacher's lounge located South of room 113. Sink is located on the South wall of the teacher's lounge
Kilmer	Bathroom (Boys)	1	Sink	Sink is located in the boy's bathroom West of the gym
Kilmer	Kitchen	1	Sink	Sink is locating on the South wall of the Kitchen.
Cooper	Kitchen	1	Sink	Sink is located on the Southeast wall of the kitchen.
Cooper	Teacher Lounge	1	Sink	Sink in located on the North wall of the Teacher's lounge
Cooper	Hallway	1	Drinking Fountain	Drinking fountain is located on the Northwest wall of the hallway across from room 122. Sample collected from the right set of fountains.
Cooper	Bathroom (Boys)	1	Sink	Sink is located in the boys bathroom across from the Northwest entrance to the building (Door #8)
Longfellow	Hallway	1	Drinking Fountain	Fountain located to the right of door #10. Sample collected from the fountains on the right.
Longfellow	Bathroom (Boys)	1	Sink	Sink located in the boy's bathroom next to door #10. Sample collected from sink of the left.
Longfellow	Room 105	1	Sink	Sink located on the North wall of room 105.
Longfellow	Teacher Lounge (Room 106)	1	Sink	Sink located on the South wall of the teacher's lounge (room 106).
Longfellow	Kitchen	1	Sink	Sink located on the North wall of the Kitchen. Sample collected from the faucet on the right.
Poe	Teacher Lounge	1	Sink	Sink located on the South wall of the teacher's lounge.
Poe	Hallway	1	Drinking Fountain	Fountain located in the hallway to the East of the LMC. Sample collected from the foutnain on the left.
Poe	Bathroom (Boys)	1	Sink	Sink located in the boys bathroom, South of room 111. Sample collected from the Sink on the right.
Poe	Kitchen	1	Sink	Sink located on the South wall of the Kitchen.
Riley	Hallway	1	Drinking Fountain	Fountain located in the hallway, to the left of room 103. Sample collected from the fountain on the right.
Riley	Teacher Lounge (Room 101)	1	Sink	Sink located on the East wall of the Teacher's Lounge.
Riley	Bathroom (Boys)	1	Sink	Sink located in the boy's bathroom across from room 102.
Riley	Kitchen	1	Sink	Sink located on the North wall of the Kitchen. Sample collected from the faucet on the left.
Tarkington	Kitchen (Room 124)	1	Sink	Sink located on the West wall of the Kitchen. Sample collected from the faucet on the left.
Tarkington	Teacher Lounge	1	Sink	Sink located on the South wall of the Teacher's Lounge.
Tarkington	Health Office	1	Sink	Sink located on the South wall of the Health Office.
Tarkington	Hallway	2	Drinking Fountain	Fountain located in the hallway west of the LMC.

Building	Location Room	Floor	Type of fixture sampled	Initial or Flush Sample	Lab ID	Sample ID
Kilmer	Hallway	1	Drinking Fountain	Initial	1605E49-001A	1
Kilmer	Teacher Lounge	1	Sink	Initial	1605E49-002A	2
Kilmer	Bathroom (Boys)	1	Sink	Initial	1605E49-003A	3
Kilmer	Kitchen	1	Sink	Initial	1605E49-004A	4
Cooper	Kitchen	1	Sink	Initial	1605E47-001A	5
Cooper	Teacher Lounge	1	Sink	Initial	1605E47-002A	6
Cooper	Hallway	1	Drinking Fountain	Initial	1605E47-003A	7
Cooper	Bathroom (Boys)	1	Sink	Initial	1605E47-004A	8
Longfellow	Hallway	1	Drinking Fountain	Initial	1605E45-001	9
Longfellow	Bathroom (Boys)	1	Sink	Initial	1605E45-002	10
Longfellow	Room 105	1	Sink	Initial	1605E45-003	11
Longfellow	Teacher Lounge (Room 106)	1	Sink	Initial	1605E45-004	12
Longfellow	Kitchen	1	Sink	Initial	1605E45-005	13
Poe	Teacher Lounge	1	Sink	Initial	1605E44-001A	14
Poe	Hallway	1	Drinking Fountain	Initial	1605E44-002A	15
Poe	Bathroom (Boys)	1	Sink	Initial	1605E44-003A	16
Poe	Kitchen	1	Sink	Initial	1605E44-004A	17
Riley	Hallway	1	Drinking Fountain	Initial	1605E43-001A	18
Riley	Teacher Lounge (Room 101)	1	Sink	Initial	1605E43-002A	19
Riley	Bathroom (Boys)	1	Sink	Initial	1605E43-003A	20
Riley	Kitchen	1	Sink	Initial	1605E43-004A	21
Tarkington	Kitchen (Room 124)	1	Sink	Initial	1605E41-001A	22
Tarkington	Teacher Lounge	1	Sink	Initial	1605E41-002A	23
Tarkington	Health Office	1	Sink	Initial	1605E41-003A	24
Tarkington	Hallway	2	Drinking Fountain	Initial	1605E41-004A	25

Building	Location Room	Floor	Type of fixture sampled	Lab Result (ppb)	Exceedance (Y/N) Lead AL = 15 ppb	Lab Result Copper
Kilmer	Hallway	1	Drinking Fountain	ND	N	244
Kilmer	Teacher Lounge	1	Sink	ND	N	160
Kilmer	Bathroom (Boys)	1	Sink	ND	N	ND
Kilmer	Kitchen	1	Sink	ND	N	211
Cooper	Kitchen	1	Sink	ND	N	110
Cooper	Teacher Lounge	1	Sink	ND	N	184
Cooper	Hallway	1	Drinking Fountain	ND	N	576
Cooper	Bathroom (Boys)	1	Sink	ND	N	102
Longfellow	Hallway	1	Drinking Fountain	ND	N	ND
Longfellow	Bathroom (Boys)	1	Sink	ND	N	ND
Longfellow	Room 105	1	Sink	18.1 (Retested on 6-1-2016 result 5.7)	Y	ND
Longfellow	Teacher Lounge (Room 106)	1	Sink	ND	N	ND
Longfellow	Kitchen	1	Sink	ND	N	159
Poe	Teacher Lounge	1	Sink	ND	N	286
Poe	Hallway	1	Drinking Fountain	ND	N	564
Poe	Bathroom (Boys)	1	Sink	ND	N	123
Poe	Kitchen	1	Sink	ND	N	152
Riley	Hallway	1	Drinking Fountain	ND	N	111
Riley	Teacher Lounge (Room 101)	1	Sink	ND	N	ND
Riley	Bathroom (Boys)	1	Sink	ND	N	ND
Riley	Kitchen	1	Sink	ND	N	230
Tarkington	Kitchen (Room 124)	1	Sink	ND	N	ND
Tarkington	Teacher Lounge	1	Sink	ND	N	ND
Tarkington	Health Office	1	Sink	ND	N	ND
Tarkington	Hallway	2	Drinking Fountain	ND	N	ND

Building	Location Room	Floor	Type of fixture sampled	Exceedance (Y/N)	Notes
Kilmer	Hallway	1	Drinking Fountain	N	
Kilmer	Teacher Lounge	1	Sink	N	
Kilmer	Bathroom (Boys)	1	Sink	N	
Kilmer	Kitchen	1	Sink	N	
Cooper	Kitchen	1	Sink	N	
Cooper	Teacher Lounge	1	Sink	N	
Cooper	Hallway	1	Drinking Fountain	N	
Cooper	Bathroom (Boys)	1	Sink	N	
Longfellow	Hallway	1	Drinking Fountain	N	
Longfellow	Bathroom (Boys)	1	Sink	N	
Longfellow	Room 105	1	Sink	N	Retest of the sink on 6-1-2016 results 5.7
Longfellow	Teacher Lounge (Room 106)	1	Sink	N	
Longfellow	Kitchen	1	Sink	N	
Poe	Teacher Lounge	1	Sink	N	
Poe	Hallway	1	Drinking Fountain	N	
Poe	Bathroom (Boys)	1	Sink	N	
Poe	Kitchen	1	Sink	N	
Riley	Hallway	1	Drinking Fountain	N	
Riley	Teacher Lounge (Room 101)	1	Sink	N	
Riley	Bathroom (Boys)	1	Sink	N	
Riley	Kitchen	1	Sink	N	
Tarkington	Kitchen (Room 124)	1	Sink		
Tarkington	Teacher Lounge	1	Sink		
Tarkington	Health Office	1	Sink		
Tarkington	Hallway	2	Drinking Fountain		

Building	Location Room	Floor	Type of fixture sampled	Description of fixture and location
Tarkington	Bathroom (Boys)	2	Sink	Sink located in the boy's bathroom across from the computer lab (room 219).
Frost	Kitchen	1	Sink	Left Sink of 3 Stage Sink (A).
Frost	Bathroom (Girls)	1	Sink	Center water spout on Motion sensor sink (B).
Frost	Hallway 2nd Floor	2	Drinking Fountain	Fountain A on second floor in hallway near room 205.
Frost	Teacher Lounge	1	Sink	Sink in South West corner of teachers' lounge
Holmes	Kitchen	1	Sink	Sink A of two fixture sink.
Holmes	Bathroom (Boys)	1	Sink	4th Fixture on multisprayer sink (D).
Holmes	Hallway	2	Drinking Fountain	2nd floor near room 204
Holmes	Teacher Lounge	1	Sink	Sink on North side of teachers' lounge.
Whitman	Kitchen	1	Sink	Kitchen sink on South wall.
Whitman	Bathroom (Boys)	1	Sink	Left sink (A).
Whitman	Hallway	1	Drinking Fountain	Fountain A acrross from health room 106A.
Whitman	Teacher Lounge	1	Sink	Faucet in teachers' lounge on the East side of the room 108.
Hawthorne	Hallway	1	Drinking Fountain	Drinking fountain on the right (B) located in the hallway near room 105 adjacent to the girls bathroom.
Hawthorne	Bathroom	1	Sink	North side of the bathroom single fixture and pedal operated.
Hawthorne	Hallway	2	Drinking Fountain	Drinking fountain on theleft side (A) near room 207 adjacent to the womens' restroom.
Hawthorne	Teacher Lounge	2	Sink	Right sink (B) on the West side of the room of the teachers' lounge.
Twain	Kitchen	1	Sink	Sink on the South East side of the kitchen.
Twain	Bathroom	1	Sink	Sink on the North wall faucet 3 (D).
Twain	Hallway	1	Drinking Fountain	Fountain across from cafeteria adjacent to the music room.
Twain	Teacher Lounge	1	Sink	Teachers' lounge sink located in room 135.
Field	Kitchen	2	Sink	Left sink in kitchen (A).
Field	Bathroom	1	Sink	1st fixture in sink closest to the wall (A).
Field	Hallway	2	Drinking Fountain	Fountain on 2nd floor near room 105 right side (B).
Field	Teacher Lounge	2	Sink	Sink on the SW wall of teachers' lounge.
London	Nurses Office	1	Sink	Nurses sink adjacent to fridge
London	Hallway	1	Drinking Fountain	Drinking fountain on the right side (B). Located in the South Commons.
London	Bathroom	1	Sink	Staff Bathroom located in South Commons.
London	Teacher Lounge	1	Sink	Room 423 staff dining room in cafeteria area. Sink was used prior to sample collection.
Admin	Kitchen	2	Sink	Single sink located in the Board Room.
Admin	Bathroom	1	Sink	Single bathroom on the right side near HR.
Admin	Hallway	2	Drinking Water Dispenser	Water bottle filling station near curriculum office.
Admin	Kitchen	LL	Sink	Business office kitchen sink.
Longfellow	Room 105	1	Sink	Single sink in room 105
Longfellow	Room 105	1	Sink	Single sink in room 105

Building	Location Room	Floor	Type of fixture sampled	Initial or Flush Sample	Lab ID	Sample ID
Tarkington	Bathroom (Boys)	2	Sink	Initial	1605E41-005A	26
Frost	Kitchen	1	Sink	Initial	1605F18-001A	1805-SKITCHENA
Frost	Bathroom (Girls)	1	Sink	Initial	1605F18-002A	1805-SBATHROOMB
Frost	Hallway 2nd Floor	2	Drinking Fountain	Initial	1605F18-003A	1805-HFOUNTAINA205
Frost	Teacher Lounge	1	Sink	Initial	1605F18-004A	1805-SLOUNGE122
Holmes	Kitchen	1	Sink	Initial	1605E35-001A	221-SKITCHENA
Holmes	Bathroom (Boys)	1	Sink	Initial	1605E35-002A	221-SBATHROOMD
Holmes	Hallway	2	Drinking Fountain	Initial	1605E35-003A	221-HFOUNTAIN204
Holmes	Teacher Lounge	1	Sink	Initial	1605E35-004A	221-SLOUNGE
Whitman	Kitchen	1	Sink	Initial	1605E36-001A	133-SKITCHEN123
Whitman	Bathroom (Boys)	1	Sink	Initial	1605E36-002A	133-SBATHROOMA
Whitman	Hallway	1	Drinking Fountain	Initial	1605E36-003A	133-HFOUNTAINLRCA
Whitman	Teacher Lounge	1	Sink	Initial	1605E36-004A	133-SLOUNGE108
Hawthorne	Hallway	1	Drinking Fountain	Initial	1605E37-001A	200-HFOUNTAIN105B
Hawthorne	Bathroom	1	Sink	Initial	1605E37-002A	200-SBATHROOM
Hawthorne	Hallway	2	Drinking Fountain	Initial	1605E37-003A	200-HFOUNTAIN207A
Hawthorne	Teacher Lounge	2	Sink	Initial	1605E37-004A	200-SLOUNGEB
Twain	Kitchen	1	Sink	Initial	1605E40-001A	515-SKITCHEN
Twain	Bathroom	1	Sink	Initial	1605E40-002A	515-SBATHROOMD
Twain	Hallway	1	Drinking Fountain	Initial	1605E40-003A	515-HFOUNTAINMUSICHALLB
Twain	Teacher Lounge	1	Sink	Initial	1605E40-004A	515-SLOUNG135
Field	Kitchen	2	Sink	Initial	1605E39-001A	51-SKITCHENA
Field	Bathroom	1	Sink	Initial	1605E39-002A	51-SBATHROOMA
Field	Hallway	2	Drinking Fountain	Initial	1605E39-003A	51-HFOUNTAIN105B
Field	Teacher Lounge	2	Sink	Initial	1605E39-004A	51-SLOUNGE
London	Nurses Office	1	Sink	Initial	1605F17-001A	1001-SNURSE317
London	Hallway	1	Drinking Fountain	Initial	1605F17-002A	1001-HFOUNTAINSS.COMMONSB
London	Bathroom	1	Sink	Initial	1605F17-003A	1001-SBATHRROMSTAFF
London	Teacher Lounge	1	Sink	Initial	1605F17-004A	1001-SLOUNGE423
Admin	Kitchen	2	Sink	Initial	1605E32-001A	999-SKITCHENBOARDRM
Admin	Bathroom	1	Sink	Initial	1605E32-002A	999-SBATHROOMHRB
Admin	Hallway	2	Drinking Water Dispenser	Initial	1605E32-003A	999-HFOUNTAINCURR.OFFICE
Admin	Kitchen	LL	Sink	Initial	1605E32-004A	999-SKITCHENBUSINESSOFF.
Longfellow	Room 105	1	Sink	Initial	1606006-001A	105-I
Longfellow	Room 105	1	Sink	Flush	1606006-002A	105-F

Building	Location Room	Floor	Type of fixture sampled	Lab Result (ppb)	Exceedance (Y/N) Lead AL = 15 ppb	Lab Result Copper
Tarkington	Bathroom (Boys)	2	Sink	ND	N	268
Frost	Kitchen	1	Sink	ND	N	124
Frost	Bathroom (Girls)	1	Sink	ND	N	ND
Frost	Hallway 2nd Floor	2	Drinking Fountain	ND	N	ND
Frost	Teacher Lounge	1	Sink	ND	N	123
Holmes	Kitchen	1	Sink	ND	N	129
Holmes	Bathroom (Boys)	1	Sink	ND	N	121
Holmes	Hallway	2	Drinking Fountain	ND	N	109
Holmes	Teacher Lounge	1	Sink	ND	N	ND
Whitman	Kitchen	1	Sink	ND	N	116
Whitman	Bathroom (Boys)	1	Sink	ND	N	ND
Whitman	Hallway	1	Drinking Fountain	ND	N	ND
Whitman	Teacher Lounge	1	Sink	ND	N	271
Hawthorne	Hallway	1	Drinking Fountain	ND	N	489
Hawthorne	Bathroom	1	Sink	ND	N	125
Hawthorne	Hallway	2	Drinking Fountain	ND	N	ND
Hawthorne	Teacher Lounge	2	Sink	6.12	N	ND
Twain	Kitchen	1	Sink	ND	N	148
Twain	Bathroom	1	Sink	ND	N	ND
Twain	Hallway	1	Drinking Fountain	ND	N	165
Twain	Teacher Lounge	1	Sink	ND	N	149
Field	Kitchen	2	Sink	ND	N	105
Field	Bathroom	1	Sink	ND	N	ND
Field	Hallway	2	Drinking Fountain	ND	N	ND
Field	Teacher Lounge	2	Sink	ND	N	116
London	Nurses Office	1	Sink	ND	N	188
London	Hallway	1	Drinking Fountain	ND	N	188
London	Bathroom	1	Sink	ND	N	ND
London	Teacher Lounge	1	Sink	ND	N	142
Admin	Kitchen	2	Sink	ND	N	ND
Admin	Bathroom	1	Sink	ND	N	285
Admin	Hallway	2	Drinking Water Dispenser	ND	N	ND
Admin	Kitchen	LL	Sink	ND	N	ND
Longfellow	Room 105	1	Sink	5.70	N	ND
Longfellow	Room 105	1	Sink	ND	N	ND

Building	Location Room	Floor	Type of fixture sampled	Exceedance (Y/N)	Notes
Tarkington	Bathroom (Boys)	2	Sink		
Frost	Kitchen	1	Sink	N	
Frost	Bathroom (Girls)	1	Sink	N	
Frost	Hallway 2nd Floor	2	Drinking Fountain	N	
Frost	Teacher Lounge	1	Sink	N	
Holmes	Kitchen	1	Sink		
Holmes	Bathroom (Boys)	1	Sink		
Holmes	Hallway	2	Drinking Fountain		
Holmes	Teacher Lounge	1	Sink		
Whitman	Kitchen	1	Sink		
Whitman	Bathroom (Boys)	1	Sink		
Whitman	Hallway	1	Drinking Fountain		
Whitman	Teacher Lounge	1	Sink		
Hawthorne	Hallway	1	Drinking Fountain		
Hawthorne	Bathroom	1	Sink		
Hawthorne	Hallway	2	Drinking Fountain		
Hawthorne	Teacher Lounge	2	Sink		
Twain	Kitchen	1	Sink		
Twain	Bathroom	1	Sink		
Twain	Hallway	1	Drinking Fountain		
Twain	Teacher Lounge	1	Sink		
Field	Kitchen	2	Sink		
Field	Bathroom	1	Sink		
Field	Hallway	2	Drinking Fountain		
Field	Teacher Lounge	2	Sink		
London	Nurses Office	1	Sink		
London	Hallway	1	Drinking Fountain	N	
London	Bathroom	1	Sink	N	
London	Teacher Lounge	1	Sink	N	
Admin	Kitchen	2	Sink	N	
Admin	Bathroom	1	Sink		
Admin	Hallway	2	Drinking Water Dispenser		
Admin	Kitchen	LL	Sink		
Longfellow	Room 105	1	Sink		
Longfellow	Room 105	1	Sink		

APPENDIX B

SCHOOL MAPS

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APPENDIX C

LABORATORY ANALYTICAL REPORTS

SUBURBAN LABORATORIES, Inc.

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

May 25, 2016

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

Work Order: 1605E32

TEL: (630) 654-2550
FAX:
RE: GILL ADMINISTRATION BLDG

Dear Bob Anderson:

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

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

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

Sincerely,

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

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

Case Narrative

Client: HYGIENEERING
Project: GILL ADMINISTRATION BLDG
WorkOrder: 1605E32
Temperature of samples upon receipt at lab: 22 C

Date: May 25, 2016
PO: 2016-2685
QC Level:
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:

Rpt Ver: 5/25/2016 12:38 AM

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

Laboratory Results

Client: Hygieneering, Inc. **Report Date:** May 25, 2016
Project: GILL ADMINISTRATION BLDG **Workorder:** 1605E32

Client Sample ID: 999 S KITCHEN BOARD RM **Matrix:** Drinking Water
Lab ID: 1605E32-001 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 9:32 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 7:50 PM	36387

Client Sample ID: 999 S BATHROOM HR B **Matrix:** Drinking Water
Lab ID: 1605E32-002 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 9:36 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 7:53 PM	36387

Client Sample ID: 999 FOUNTAIN CURR OFFICE **Matrix:** Drinking Water
Lab ID: 1605E32-003 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 9:40 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 7:57 PM	36387

Client Sample ID: 999 S KITCHEN BUSINESS OFFICE **Matrix:** Drinking Water
Lab ID: 1605E32-004 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 9:43 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 8:00 PM	36387

Rpt Ver: 5/25/2016 12:38 AM

SUBURBAN LABORATORIES, Inc.

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

Prep Dates

Client: Hygieneering, Inc.

Report Date: May 25, 2016
Original

Project: GILL ADMINISTRATION BLDG

Workorder: 1605E32

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1605E32-001A	999 S KITCHEN BOARD RM	5/17/2016 9:32 AM				
			36387	Turbidity Check		5/19/2016 11:28 AM
1605E32-002A	999 S BATHROOM HR B	5/17/2016 9:36 AM				
			36387	Turbidity Check		5/19/2016 11:28 AM
1605E32-003A	999 FOUNTAIN CURR OFFICE	5/17/2016 9:40 AM				
			36387	Turbidity Check		5/19/2016 11:28 AM
1605E32-004A	999 S KITCHEN BUSINESS OFFICE	5/17/2016 9:43 AM				
			36387	Turbidity Check		5/19/2016 11:28 AM

Rpt Ver: 5/25/2016 12:38 AM

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

Qualifier Definitions

Report Date: May 25, 2016

WorkOrder: 1605E32

Qualifiers:

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

SUBURBAN LABORATORIES, Inc.

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

CHAIN OF CUSTODY RECORD

Electronic Version

Company Name: HYGIENEERING, INC
Company Address: 7575 PLAZA CT.
City: WILLOWBROOK State: IL Zip: 60527
Phone: (630) 654-2550 Fax: ☐ Fax Report
Email Address: mtyberg@hygieneering.com
Project ID / Location: GILL ADMINISTRATION BUILDING
Project Manager (Report to): BOB ANDERSON
Sample Collector(s): MATT TYBERG

TURNAROUND TIME REQUESTED
☒ Normal ☐ RUSH* *Additional Rush Charges Approved.
*Date & Time Needed:
Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

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

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

Page) of)
PO No. 2016-2685
Shipping Method
QC Reporting Level ☐ 1 ☐ 2 ☐ 3

LAB USE ONLY
SLI Order No. 1605E32
Sample containers supplied by customer? ☐ Yes
Temperature of Received Samples 22 °C
Samples received within 24 hours of collection? ☐ Yes

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	999-SKITCHEN BOARDRM	5/17/16	932a	DW	G	1	80z + P	HNO3	X				1A
2	999-SBATHROOM #R B		936a	DW									2A
3	999-FOUNTAIN CURR. OFFICE		940a										3A
4	999-S ~~KITCHEN~~ BUSINESSOFF		943a										4A
5													
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:
PLEASE COMPLETE THE HIGHLIGHTED SECTIONS
- DRINKING WATER REGULATIONS
- E-MAIL RESULTS TO: mtyberg@hygieneering.com ; banderson@hygieneering.com

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
MATT TYBERG	5/17/16		5-18-16				
Received By ☐ Ice	Time 12:00	Received By ☒ Ice	Time 16:10	Received By ☐ Ice	Time	Received By ☐ Ice	Time

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

June 23, 2016

Workorder: 1605E32

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

TEL: (630) 654-2550
FAX:
RE: GILL ADMINISTRATION BLDG

Dear Bob Anderson:

Suburban Laboratories, Inc. received 4 sample(s) on 5/18/2016 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
Customer Service Manager
708-544-3260 ext 214
pat@suburbanlabs.com

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

Case Narrative

Client: Hygieneering, Inc.
Date: June 23, 2016
Project: GILL ADMINISTRATION BLDG
PO #: 2016-2685
WorkOrder: 1605E32
QC Level:
Temperature of samples upon receipt at SLI: 22 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:
This report supersedes the report dated 05/25/16 with the addition of copper data.

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

Laboratory Results

Client ID: Hygieneering, Inc. **Report Date:** June 23, 2016
Project Name: GILL ADMINISTRATION BLDG **Workorder:** 1605E32

Client Sample ID: 999 S KITCHEN BOARD RM **Matrix:** DRINKING WATER
Lab ID: 1605E32-001 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 9:32 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	05/19/2016 7:50 PM	36387
Lead	ND	15.0	5.00		µg/L	1	05/19/2016 7:50 PM	36387

Client Sample ID: 999 S BATHROOM HR B **Matrix:** DRINKING WATER
Lab ID: 1605E32-002 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 9:36 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	
Lead	ND	15.0	5.00		µg/L	1	05/19/2016 7:53 PM	36387

Client Sample ID: 999 FOUNTAIN CURR OFFICE **Matrix:** DRINKING WATER
Lab ID: 1605E32-003 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 9:40 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	ND	1,300	100		µg/L	1	05/19/2016 7:57 PM	36387
Lead	ND	15.0	5.00		µg/L	1	05/19/2016 7:57 PM	36387

Client Sample ID: 999 S KITCHEN BUSINESS OFFICE **Matrix:** DRINKING WATER
Lab ID: 1605E32-004 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 9:43 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	05/19/2016 8:00 PM	36387
Lead	ND	15.0	5.00		µg/L	1	05/19/2016 8:00 PM	36387

Created: 6/23/2016 3:06:39 AM

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Project: GILL ADMINISTRATION BLDG

Report Date: June 23, 2016
Lab Order: 1605E32

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1605E32-001A	5/17/2016 9:32:00 A	36387	TURB_METALS	Turbidity Check		5/19/2016
1605E32-002A	5/17/2016 9:36:00 A	36387	TURB_METALS	Turbidity Check		5/19/2016
1605E32-003A	5/17/2016 9:40:00 A	36387	TURB_METALS	Turbidity Check		5/19/2016
1605E32-004A	5/17/2016 9:43:00 A	36387	TURB_METALS	Turbidity Check		5/19/2016

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

Qualifier Definitions

WO#: **1605E32**
Date: **6/23/2016**

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

Electronic Version

Company Name: HYGIENEERING, INC
Company Address: 7575 PLAZA CT.
City: WILLOWBROOK State: IL Zip: 60527
Phone: (630) 654-2550 Fax: ☐ Fax Report
Email Address: mtyberg@hygieneering.com
Project ID / Location: GILL ADMINISTRATION BUILDING
Project Manager (Report to): BOB ANDERSON
Sample Collector(s): MATT TYBERG

TURNAROUND TIME REQUESTED
☒ Normal ☐ RUSH* *Additional Rush Charges Approved.
*Date & Time Needed:
Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

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

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

Page 1 of 1 Page 1 of 6
PO No. 2016-2685
Shipping Method
QC Reporting Level ☐ 1 ☐ 2 ☐ 3

LAB USE ONLY
SLI Order No. 1605E32
Sample containers supplied by customer? ☐ Yes
Temperature of Received Samples 22 °C
Samples received within 24 hours of collection? ☐ Yes

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	999-SKITCHEN BOARDRM	5/17/16	932a	DW	G	1	80z + p	HNO3	X				1A
2	999-SBATHROOM #R B	↓	936a	DW	↓	↓	↓	↓	↓				2A
3	999-FOUNTAIN CURR. OFFICE	↓	940a	↓	↓	↓	↓	↓	↓				3A
4	999-S ~~KITCHEN~~ BUSINESSOFF	↓	943a	↓	↓	↓	↓	↓	↓				4A
5													
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:
PLEASE COMPLETE THE HIGHLIGHTED SECTIONS
- DRINKING WATER REGULATIONS
- E-MAIL RESULTS TO: mtyberg@hygieneering.com ; banderson@hygieneering.com

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
MATT TYBERG	5/17/16		5-18-16				
Received By ☐ Ice	Time 12:00	Received By ☒ Ice	Time 16:10	Received By ☐ Ice	Time	Received By ☐ Ice	Time

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

May 25, 2016

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

Work Order: 1605E35

TEL: (630) 654-2550
FAX:
RE: HOLMES MIDDLE SCHOOL

Dear Bob Anderson:

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

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

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

Sincerely,

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

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

Case Narrative

Client: HYGIENEERING
Project: HOLMES MIDDLE SCHOOL
WorkOrder: 1605E35
Temperature of samples upon receipt at lab: 22 C

Date: May 25, 2016
PO: 2016-2685
QC Level:
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:

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

Laboratory Results

Client: Hygieneering, Inc. **Report Date:** May 25, 2016
Project: HOLMES MIDDLE SCHOOL **Workorder:** 1605E35

Client Sample ID: 221 S KITCHEN A **Matrix:** Drinking Water
Lab ID: 1605E35-001 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 6:40 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 8:03 PM	36387

Client Sample ID: 221 S BATHROOM D **Matrix:** Drinking Water
Lab ID: 1605E35-002 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 6:43 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 8:20 PM	36387

Client Sample ID: 221 H FOUNTAIN 204 **Matrix:** Drinking Water
Lab ID: 1605E35-003 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 6:55 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 8:23 PM	36387

Client Sample ID: 221 S LOUNGE **Matrix:** Drinking Water
Lab ID: 1605E35-004 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 6:49 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 8:27 PM	36387

Rpt Ver: 5/25/2016 12:39 AM

SUBURBAN LABORATORIES, Inc.

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

Prep Dates

Client: Hygieneering, Inc.

Report Date: May 25, 2016
Original

Project: HOLMES MIDDLE SCHOOL

Workorder: 1605E35

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1605E35-001A	221 S KITCHEN A	5/17/2016 6:40 AM				
			36387	Turbidity Check		5/19/2016 11:28 AM
1605E35-002A	221 S BATHROOM D	5/17/2016 6:43 AM				
			36387	Turbidity Check		5/19/2016 11:28 AM
1605E35-003A	221 H FOUNTAIN 204	5/17/2016 6:55 AM				
			36387	Turbidity Check		5/19/2016 11:28 AM
1605E35-004A	221 S LOUNGE	5/17/2016 6:49 AM				
			36387	Turbidity Check		5/19/2016 11:28 AM

Rpt Ver: 5/25/2016 12:39 AM

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

Qualifier Definitions

Report Date: May 25, 2016

WorkOrder: 1605E35

Qualifiers:

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

SUBURBAN LABORATORIES, Inc.

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

CHAIN OF CUSTODY RECORD

Electronic Version

Page 1 of 1

PO No. 2016-2685

Shipping Method

QC Reporting Level ☐ 1 ☐ 2 ☐ 3

LAB USE ONLY

SLI Order No. 1605E35

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples 22 °C

Samples received within 24 hours of collection? ☐ Yes

Company Name: HYGIENEERING, INC

Company Address: 7575 PLAZA CT.

City: WILLOWBROOK State: IL Zip: 60527

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

Email Address: mtyberg@hygieneering.com

Project ID / Location: HOLMES MIDDLE SCHOOL

Project Manager (Report to): BOB ANDERSON

Sample Collector(s): MATT TYBERG

TURNAROUND TIME REQUESTED

☒ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed:

Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

Specify Regulatory Program: (Required) ☑ None/Info only

☐ LUST ☐ SRP ☐ SDWA

☐ 503 Sludge ☐ NPDES ☐ MWRDGC

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

ANALYSIS & METHOD REQUESTED

Enter an "X" in box below for request

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	221-S KITCHEN A	5/17/16	640a	DW	G	1	8oz + P	HNO3	X				1A
2	221-S BATHROOM D	↓	643a	DW	↓	↓	↓	↓	↓				2A
3	221-H FOUNTAIN 204	↓	655a	↓	↓	↓	↓	↓	↓				3A
4	221-S LOUNGE	↓	649a	↓	↓	↓	↓	↓	↓				4A
5													
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) CONTAINER: 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) PRESERVATIVE: H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

PLEASE COMPLETE THE HIGHLIGHTED SECTIONS

- DRINKING WATER REGULATIONS
- E-MAIL RESULTS TO: mtyberg@hygieneering.com, banderson@hygieneering.com

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
MATT TYBERG	5/17/16		5-18-16				
Received By ☐ Ice	Time 12:00	Received By ☐ Ice	Time 16:10	Received By ☐ Ice	Time	Received By ☐ Ice	Time

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

May 25, 2016

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

Work Order: 1605E36

TEL: (630) 654-2550
FAX:
RE: WALT WHITMAN SCHOOL

Dear Bob Anderson:

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

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

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

Sincerely,

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

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

Case Narrative

Client: HYGIENEERING
Project: WALT WHITMAN SCHOOL
WorkOrder: 1605E36
Temperature of samples upon receipt at lab: 22 C

Date: May 25, 2016
PO: 2016-2685
QC Level:
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:

Rpt Ver: 5/25/2016 12:39 AM

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

Laboratory Results

Client: Hygieneering, Inc. **Report Date:** May 25, 2016
Project: WALT WHITMAN SCHOOL **Workorder:** 1605E36

Client Sample ID: 133 S KITCHEN 123 **Matrix:** Drinking Water
Lab ID: 1605E36-001 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 7:03 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 8:30 PM	36387

Client Sample ID: 133 S BATHROOM A **Matrix:** Drinking Water
Lab ID: 1605E36-002 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 7:07 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 9:00 PM	36387

Client Sample ID: 133 H FOUNTAIN LRCA **Matrix:** Drinking Water
Lab ID: 1605E36-003 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 7:09 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 9:03 PM	36387

Client Sample ID: 133 S LOUNGE 108 **Matrix:** Drinking Water
Lab ID: 1605E36-004 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 7:12 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 9:07 PM	36387

Rpt Ver: 5/25/2016 12:39 AM

SUBURBAN LABORATORIES, Inc.

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

Prep Dates

Client: Hygieneering, Inc.

Report Date: May 25, 2016
Original

Project: WALT WHITMAN SCHOOL

Workorder: 1605E36

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1605E36-001A	133 S KITCHEN 123	5/17/2016 7:03 AM				
			36387	Turbidity Check		5/19/2016 11:28 AM
1605E36-002A	133 S BATHROOM A	5/17/2016 7:07 AM				
			36387	Turbidity Check		5/19/2016 11:28 AM
1605E36-003A	133 H FOUNTAIN LRCA	5/17/2016 7:09 AM				
			36387	Turbidity Check		5/19/2016 11:28 AM
1605E36-004A	133 S LOUNGE 108	5/17/2016 7:12 AM				
			36387	Turbidity Check		5/19/2016 11:28 AM

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

Qualifier Definitions

Report Date: May 25, 2016

WorkOrder: 1605E36

Qualifiers:

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

SUBURBAN LABORATORIES, Inc.

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

CHAIN OF CUSTODY RECORD

Electronic Version

Page 1 of 1

Company Name	HYGIENEERING, INC
Company Address	7575 PLAZA CT.
City / State / Zip	WILLOWBROOK / IL / 60527
Phone / Fax / Fax Report	(630) 654-2550 / / ☐ Fax Report
Email Address	mtyberg@hygieneering.com
Project ID / Location	WALT WHITMAN SCHOOL
Project Manager (Report to)	BOB ANDERSON
Sample Collector(s)	MATT TYBERG

TURNAROUND TIME REQUESTED

☒ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed:

Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

Specify Regulatory Program: (Required) ☑ None/Info only

☐ LUST ☐ SRP ☐ SDWA

☐ 503 Sludge ☐ NPDES ☐ MWRDGC

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

ANALYSIS & METHOD REQUESTED

Enter an "X" in box below for request

PO No.	2016-2685
Shipping Method	
QC Reporting Level	☐ 1 ☐ 2 ☐ 3

LAB USE ONLY

SLI Order No.	1605E36
Sample containers supplied by customer?	☐ Yes
Temperature of Received Samples	22 °C
Samples received within 24 hours of collection?	☐ Yes

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	133 - SKITCHEN 123	5/17/16	703a	DW	G	1	8oz + P	HNO3	X				1A
2	133 - SBATHROOM A		707a	DW									2A
3	133 - 1st FOUNTAIN LRCA		709a										3A
4	133 - SLOUNGE108		712a										4A
5													
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

PLEASE COMPLETE THE HIGHLIGHTED SECTIONS

- DRINKING WATER REGULATIONS
- E-MAIL RESULTS TO: mtyberg@hygieneering.com ; banderson@hygieneering.com

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

	Date		Date		Date		Date
1. Relinquished By: MATT TYBERG	5/17/16	2. Relinquished By:	5-18-16	3. Relinquished By:		4. Relinquished By:	
Received By: ☐ Ice	Time: 12:00	Received By: ☒ Ice	Time: 16:10	Received By: ☐ Ice	Time:	Received By: ☐ Ice	Time:

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

June 23, 2016

Workorder: 1605E36

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

TEL: (630) 654-2550
FAX:
RE: WALT WHITMAN SCHOOL

Dear Bob Anderson:

Suburban Laboratories, Inc. received 4 sample(s) on 5/18/2016 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
Customer Service Manager
708-544-3260 ext 214
pat@suburbanlabs.com

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

Case Narrative

Client: Hygieneering, Inc.
Date: June 23, 2016
Project: WALT WHITMAN SCHOOL
PO #: 2016-2685
WorkOrder: 1605E36
QC Level:
Temperature of samples upon receipt at SLI: 22 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:
This report supersedes the report dated 05/25/16 with the addition of copper data.

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

Laboratory Results

Client ID: Hygieneering, Inc. **Report Date:** June 23, 2016
Project Name: WALT WHITMAN SCHOOL **Workorder:** 1605E36

Client Sample ID: 133 S KITCHEN 123 **Matrix:** DRINKING WATER
Lab ID: 1605E36-001 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 7:03 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	
Lead	ND	15.0	5.00		µg/L	1	05/19/2016 8:30 PM	36387

Client Sample ID: 133 S BATHROOM A **Matrix:** DRINKING WATER
Lab ID: 1605E36-002 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 7:07 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	ND	1,300	100		µg/L	1	05/19/2016 9:00 PM	36387
Lead	ND	15.0	5.00		µg/L	1	05/19/2016 9:00 PM	36387

Client Sample ID: 133 H FOUNTAIN LRCA **Matrix:** DRINKING WATER
Lab ID: 1605E36-003 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 7:09 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	05/19/2016 9:03 PM	36387
Lead	ND	15.0	5.00		µg/L	1	05/19/2016 9:03 PM	36387

Client Sample ID: 133 S LOUNGE 108 **Matrix:** DRINKING WATER
Lab ID: 1605E36-004 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 7:12 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	
Lead	ND	15.0	5.00		µg/L	1	05/19/2016 9:07 PM	36387

Created: 6/23/2016 3:07:35 AM

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Project: WALT WHITMAN SCHOOL

Report Date: June 23, 2016
Lab Order: **1605E36**

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1605E36-001A	5/17/2016 7:03:00 A	36387	TURB_METALS	Turbidity Check		5/19/2016
1605E36-002A	5/17/2016 7:07:00 A	36387	TURB_METALS	Turbidity Check		5/19/2016
1605E36-003A	5/17/2016 7:09:00 A	36387	TURB_METALS	Turbidity Check		5/19/2016
1605E36-004A	5/17/2016 7:12:00 A	36387	TURB_METALS	Turbidity Check		5/19/2016

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

Qualifier Definitions

WO#: **1605E36**
Date: **6/23/2016**

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

Electronic Version

Company Name: HYGIENEERING, INC
Company Address: 7575 PLAZA CT.
City: WILLOWBROOK State: IL Zip: 60527
Phone: (630) 654-2550 Fax: ☐ Fax Report
Email Address: mtyberg@hygieneering.com
Project ID / Location: WALT WHITMAN SCHOOL
Project Manager (Report to): BOB ANDERSON
Sample Collector(s): MATT TYBERG

TURNAROUND TIME REQUESTED
☒ Normal ☐ RUSH* *Additional Rush Charges Approved.
*Date & Time Needed:
Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

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

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

Page 1 of 1 Page 1 of 6
PO No. 2016-2685
Shipping Method
QC Reporting Level ☐ 1 ☐ 2 ☐ 3

LAB USE ONLY
SLI Order No. 1605E36
Sample containers supplied by customer? ☐ Yes
Temperature of Received Samples 22 °C
Samples received within 24 hours of collection? ☐ Yes

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	133 - SKITCHEN 123	5/17/16	703a	DW	G	1	8oz + P	HNO3	X				1A
2	133 - SBATHROOM A		707a	DW									2A
3	133 - 1st FOUNTAIN LRCA		709a										3A
4	133 - SLOUNGE108		712a										4A
5													
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:
PLEASE COMPLETE THE HIGHLIGHTED SECTIONS
- DRINKING WATER REGULATIONS
- E-MAIL RESULTS TO: mtyberg@hygieneering.com ; banderson@hygieneering.com

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
MATT TYBERG	5/17/16		5-18-16				
Received By ☐ Ice	Time 12:00	Received By ☒ Ice	Time 16:10	Received By ☐ Ice	Time	Received By ☐ Ice	Time

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

May 25, 2016

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

Work Order: 1605E37

TEL: (630) 654-2550
FAX:
RE: HAWTHORNE EARLY CHILDHOOD SCHOOL

Dear Bob Anderson:

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

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

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

Sincerely,

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

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

Case Narrative

Client: HYGIENEERING
Project: HAWTHORNE EARLY CHILDHOOD SCHOOL
WorkOrder: 1605E37
Temperature of samples upon receipt at lab: 22 C

Date: May 25, 2016
PO: 2016-2685
QC Level:
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:

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

Laboratory Results

Client: Hygieneering, Inc. **Report Date:** May 25, 2016
Project: HAWTHORNE EARLY CHILDHOOD SCHOOL **Workorder:** 1605E37

Client Sample ID: 200 H FOUNTAIN 105B **Matrix:** Drinking Water
Lab ID: 1605E37-001 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 7:44 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 9:10 PM	36387

Client Sample ID: 200 S BATHROOM **Matrix:** Drinking Water
Lab ID: 1605E37-002 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 7:48 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 9:13 PM	36388

Client Sample ID: 200 H FOUNTAIN 207A **Matrix:** Drinking Water
Lab ID: 1605E37-003 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 7:51 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 9:16 PM	36388

Client Sample ID: 200 S LOUNGE B **Matrix:** Drinking Water
Lab ID: 1605E37-004 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 7:54 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	6.12	15.0	5.00		µg/L	1	5/19/2016 9:20 PM	36388

Rpt Ver: 5/25/2016 12:40 AM

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

Prep Dates

Client: Hygieneering, Inc.

Report Date: May 25, 2016
Original

Project: HAWTHORNE EARLY CHILDHOOD SCHOOL

Workorder: 1605E37

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1605E37-001A	200 H FOUNTAIN 105B	5/17/2016 7:44 AM				
			36387	Turbidity Check		5/19/2016 11:28 AM
1605E37-002A	200 S BATHROOM	5/17/2016 7:48 AM				
			36388	Turbidity Check		5/19/2016 11:30 AM
1605E37-003A	200 H FOUNTAIN 207A	5/17/2016 7:51 AM				
			36388	Turbidity Check		5/19/2016 11:30 AM
1605E37-004A	200 S LOUNGE B	5/17/2016 7:54 AM				
			36388	Turbidity Check		5/19/2016 11:30 AM

Rpt Ver: 5/25/2016 12:40 AM

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

Qualifier Definitions

Report Date: May 25, 2016

WorkOrder: 1605E37

Qualifiers:

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

SUBURBAN LABORATORIES, Inc.

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

CHAIN OF CUSTODY RECORD

Electronic Version

Company Name: HYGIENEERING, INC
Company Address: 7575 PLAZA CT.
City: WILLOWBROOK State: IL Zip: 60527
Phone: (630) 654-2550 Fax: ☐ Fax Report
Email Address: mtyberg@hygieneering.com
Project ID / Location: HAWTHORNE EARLY CHILDHOOD SCHOOL
Project Manager (Report to): BOB ANDERSON
Sample Collector(s): MATT TYBERG

TURNAROUND TIME REQUESTED
☒ Normal ☐ RUSH* *Additional Rush Charges Approved.
*Date & Time Needed:
Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

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

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

Page 1 of 1
PO No. 2016-2685
Shipping Method
QC Reporting Level ☐ 1 ☐ 2 ☐ 3
LAB USE ONLY
SLI Order No. 1605E37
Sample containers supplied by customer? ☐ Yes
Temperature of Received Samples: 22 °C
Samples received within 24 hours of collection? ☐ Yes

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	200-HFOUNTAIN105B	5/17/16	7:44a	DW	G	1	8oz + P	HNO3	X				1A
2	200-SBATHROOM	↓	7:48a	DW	↓	↓	↓	↓	↓				2A
3	200-HFOUNTAIN 207A	↓	7:51a	↓	↓	↓	↓	↓	↓				3A
4	200-SLOUNGE B	↓	7:54a	↓	↓	↓	↓	↓	↓				4A
5													
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:
PLEASE COMPLETE THE HIGHLIGHTED SECTIONS
- DRINKING WATER REGULATIONS
- E-MAIL RESULTS TO: mtyberg@hygieneering.com ; banderson@hygieneering.com

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
MATT TYBERG	5/17/16		5-18-16				
Received By ☐ Ice	Time 12:00	Received By ☒ Ice	Time 16:10	Received By ☐ Ice	Time	Received By ☐ Ice	Time

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

June 23, 2016

Workorder: 1605E37

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

TEL: (630) 654-2550
FAX:
RE: HAWTHORNE EARLY CHILDHOOD SCHOOL

Dear Bob Anderson:

Suburban Laboratories, Inc. received 4 sample(s) on 5/18/2016 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
Customer Service Manager
708-544-3260 ext 214
pat@suburbanlabs.com

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

Case Narrative

Client: Hygieneering, Inc.
Date: June 23, 2016
Project: HAWTHORNE EARLY CHILDHOOD SCHO
PO #: 2016-2685
WorkOrder: 1605E37
QC Level:
Temperature of samples upon receipt at SLI: 22 C
Chain of Custody #: EV

General Comments:
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- 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.
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- For more information about the laboratories' scope of accreditation, please contact us at (708) 544-3260 or the Agency at (217) 782-6455.
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- 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:
This report supersedes the report dated 05/25/16 with the addition of copper data.

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

Laboratory Results

Client ID: Hygieneering, Inc. **Report Date:** June 23, 2016
Project Name: HAWTHORNE EARLY CHILDHOOD SCHOO **Workorder:** 1605E37

Client Sample ID: 200 H FOUNTAIN 105B **Matrix:** DRINKING WATER
Lab ID: 1605E37-001 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 7:44 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	
Lead	ND	15.0	5.00		µg/L	1	05/19/2016 9:10 PM	36387

Client Sample ID: 200 S BATHROOM **Matrix:** DRINKING WATER
Lab ID: 1605E37-002 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 7:48 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	
Lead	ND	15.0	5.00		µg/L	1	05/19/2016 9:13 PM	36388

Client Sample ID: 200 H FOUNTAIN 207A **Matrix:** DRINKING WATER
Lab ID: 1605E37-003 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 7:51 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	05/19/2016 9:16 PM	36388
Lead	ND	15.0	5.00		µg/L	1	05/19/2016 9:16 PM	36388

Client Sample ID: 200 S LOUNGE B **Matrix:** DRINKING WATER
Lab ID: 1605E37-004 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 7:54 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	05/19/2016 9:20 PM	36388
Lead	6.12	15.0	5.00		µg/L	1	05/19/2016 9:20 PM	36388

Created: 6/23/2016 3:08:27 AM

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Project: HAWTHORNE EARLY CHILDH

Report Date: June 23, 2016
Lab Order: 1605E37

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1605E37-001A	5/17/2016 7:44:00 A	36387	TURB_METALS	Turbidity Check		5/19/2016
1605E37-002A	5/17/2016 7:48:00 A	36388	TURB_METALS	Turbidity Check		5/19/2016
1605E37-003A	5/17/2016 7:51:00 A	36388	TURB_METALS	Turbidity Check		5/19/2016
1605E37-004A	5/17/2016 7:54:00 A	36388	TURB_METALS	Turbidity Check		5/19/2016

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

Qualifier Definitions

WO#: **1605E37**
Date: **6/23/2016**

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

Electronic Version

Company Name: HYGIENEERING, INC
Company Address: 7575 PLAZA CT.
City: WILLOWBROOK State: IL Zip: 60527
Phone: (630) 654-2550 Fax: ☐ Fax Report
Email Address: mtyberg@hygieneering.com
Project ID / Location: HAWTHORNE EARLY CHILDHOOD SCHOOL
Project Manager (Report to): BOB ANDERSON
Sample Collector(s): MATT TYBERG

TURNAROUND TIME REQUESTED
☒ Normal ☐ RUSH* *Additional Rush Charges Approved.
*Date & Time Needed:
Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

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

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

Page 1 of 1 Page 1 of 6
PO No. 2016-1685
Shipping Method
QC Reporting Level ☐ 1 ☐ 2 ☐ 3
LAB USE ONLY
SLI Order No. 1605E37
Sample containers supplied by customer? ☐ Yes
Temperature of Received Samples 22 °C
Samples received within 24 hours of collection? ☐ Yes

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	200-HFOUNTAIN105B	5/17/16	744a	DW	G	1	8oz + P	HNO3	X				1A
2	200-SBATHROOM	↓	748a	DW	↓	↓	↓	↓	↓				2A
3	200-HFOUNTAIN 207A	↓	751a	↓	↓	↓	↓	↓	↓				3A
4	200-SLOUNGE B	↓	754a	↓	↓	↓	↓	↓	↓				4A
5													
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:
PLEASE COMPLETE THE HIGHLIGHTED SECTIONS
- DRINKING WATER REGULATIONS
- E-MAIL RESULTS TO: mtyberg@hygieneering.com ; banderson@hygieneering.com

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
MATT TYBERG	5/17/16		5-18-16				
Received By ☐ Ice	Time 12:00	Received By ☒ Ice	Time 16:10	Received By ☐ Ice	Time	Received By ☐ Ice	Time

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

May 25, 2016

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

Work Order: 1605E39

TEL: (630) 654-2550
FAX:
RE: EUGENE FIELD SCHOOL

Dear Bob Anderson:

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

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

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

Sincerely,

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

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

Case Narrative

Client: HYGIENEERING
Project: EUGENE FIELD SCHOOL
WorkOrder: 1605E39
Temperature of samples upon receipt at lab: 22 C

Date: May 25, 2016
PO: 2016-2685
QC Level:
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:

Rpt Ver: 5/25/2016 12:41 AM

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

Laboratory Results

Client: Hygieneering, Inc. **Report Date:** May 25, 2016
Project: EUGENE FIELD SCHOOL **Workorder:** 1605E39

Client Sample ID: 51 S KITCHEN A **Matrix:** Drinking Water
Lab ID: 1605E39-001 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 8:39 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 9:23 PM	36388

Client Sample ID: 51 S BATHROOM A **Matrix:** Drinking Water
Lab ID: 1605E39-002 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 8:42 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 9:40 PM	36388

Client Sample ID: 51 S H FOUNTAIN 105B **Matrix:** Drinking Water
Lab ID: 1605E39-003 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 8:46 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 9:43 PM	36388

Client Sample ID: 51 S LOUNGE **Matrix:** Drinking Water
Lab ID: 1605E39-004 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 8:52 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 9:50 PM	36388

Rpt Ver: 5/25/2016 12:41 AM

SUBURBAN LABORATORIES, Inc.

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

Prep Dates

Client: Hygieneering, Inc.

Report Date: May 25, 2016
Original

Project: EUGENE FIELD SCHOOL

Workorder: 1605E39

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1605E39-001A	51 S KITCHEN A	5/17/2016 8:39 AM				
			36388	Turbidity Check		5/19/2016 11:30 AM
1605E39-002A	51 S BATHROOM A	5/17/2016 8:42 AM				
			36388	Turbidity Check		5/19/2016 11:30 AM
1605E39-003A	51 S H FOUNTAIN 105B	5/17/2016 8:46 AM				
			36388	Turbidity Check		5/19/2016 11:30 AM
1605E39-004A	51 S LOUNGE	5/17/2016 8:52 AM				
			36388	Turbidity Check		5/19/2016 11:30 AM

Rpt Ver: 5/25/2016 12:41 AM

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

Qualifier Definitions

Report Date: May 25, 2016

WorkOrder: 1605E39

Qualifiers:

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

SUBURBAN LABORATORIES, Inc.

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

CHAIN OF CUSTODY RECORD

Electronic Version

Company Name: HYGIENEERING, INC
Company Address: 7575 PLAZA CT.
City: WILLOWBROOK State: IL Zip: 60527
Phone: (630) 654-2550 Fax: ☐ Fax Report
Email Address: mtyberg@hygieneering.com
Project ID / Location: EUGENE FIELD SCHOOL
Project Manager (Report to): BOB ANDERSON
Sample Collector(s): MATT TYBERG

TURNAROUND TIME REQUESTED
☒ Normal ☐ RUSH* *Additional Rush Charges Approved.
*Date & Time Needed:
Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

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

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

Page 1 of 1
PO No. 2016-2685
Shipping Method
QC Reporting Level ☐ 1 ☐ 2 ☐ 3

LAB USE ONLY
SLI Order No. 160SE39
Sample containers supplied by customer? ☐ Yes
Temperature of Received Samples 2.2 °C
Samples received within 24 hours of collection? ☐ Yes

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	S1-S KITCHEN A	5/17/16	834a	DW	G	1	8oz + P	HNO3	X				1A
2	S1-S BATHROOM A	↓	842a	DW	↓	↓	↓	↓	↓				2A
3	S1-S 1ST FOUNTAIN JOSB	↓	846a	↓	↓	↓	↓	↓	↓				3A
4	S1-S LOUNGE	↓	852a	↓	↓	↓	↓	↓	↓				4A
5													
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:
PLEASE COMPLETE THE HIGHLIGHTED SECTIONS
- DRINKING WATER REGULATIONS
- E-MAIL RESULTS TO: mtyberg@hygieneering.com ; banderson@hygieneering.com

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
MATT TYBERG	5/17/16		5-18-16				
Received By ☐ Ice	Time 12:00	Received By ☒ Ice	Time 16:10	Received By ☐ Ice	Time	Received By ☐ Ice	Time

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

June 23, 2016

Workorder: 1605E39

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

TEL: (630) 654-2550
FAX:
RE: EUGENE FIELD SCHOOL

Dear Bob Anderson:

Suburban Laboratories, Inc. received 4 sample(s) on 5/18/2016 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
Customer Service Manager
708-544-3260 ext 214
pat@suburbanlabs.com

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

Case Narrative

Client: Hygieneering, Inc.
Date: June 23, 2016
Project: EUGENE FIELD SCHOOL
PO #: 2016-2685
WorkOrder: 1605E39
QC Level:
Temperature of samples upon receipt at SLI: 22 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:
This report supersedes the report dated 05/25/16 with the addition of copper data.

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

Laboratory Results

Client ID: Hygieneering, Inc. **Report Date:** June 23, 2016
Project Name: EUGENE FIELD SCHOOL **Workorder:** 1605E39

Client Sample ID: 51 S KITCHEN A **Matrix:** DRINKING WATER
Lab ID: 1605E39-001 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 8:39 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	
Lead	ND	15.0	5.00		µg/L	1	05/19/2016 9:23 PM	36388

Client Sample ID: 51 S BATHROOM A **Matrix:** DRINKING WATER
Lab ID: 1605E39-002 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 8:42 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	ND	1,300	100		µg/L	1	05/19/2016 9:40 PM	36388
Lead	ND	15.0	5.00		µg/L	1	05/19/2016 9:40 PM	36388

Client Sample ID: 51 S H FOUNTAIN 105B **Matrix:** DRINKING WATER
Lab ID: 1605E39-003 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 8:46 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	05/19/2016 9:43 PM	36388
Lead	ND	15.0	5.00		µg/L	1	05/19/2016 9:43 PM	36388

Client Sample ID: 51 S LOUNGE **Matrix:** DRINKING WATER
Lab ID: 1605E39-004 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 8:52 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	
Lead	ND	15.0	5.00		µg/L	1	05/19/2016 9:50 PM	36388

Created: 6/23/2016 3:09:18 AM

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Project: EUGENE FIELD SCHOOL

Report Date: June 23, 2016
Lab Order: **1605E39**

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1605E39-001A	5/17/2016 8:39:00 A	36388	TURB_METALS	Turbidity Check		5/19/2016
1605E39-002A	5/17/2016 8:42:00 A	36388	TURB_METALS	Turbidity Check		5/19/2016
1605E39-003A	5/17/2016 8:46:00 A	36388	TURB_METALS	Turbidity Check		5/19/2016
1605E39-004A	5/17/2016 8:52:00 A	36388	TURB_METALS	Turbidity Check		5/19/2016

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

Qualifier Definitions

WO#: **1605E39**
Date: **6/23/2016**

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

Electronic Version

Company Name: HYGIENEERING, INC
Company Address: 7575 PLAZA CT.
City: WILLOWBROOK State: IL Zip: 60527
Phone: (630) 654-2550 Fax: ☐ Fax Report
Email Address: mtyberg@hygieneering.com
Project ID / Location: EUGENE FIELD SCHOOL
Project Manager (Report to): BOB ANDERSON
Sample Collector(s): MATT TYBERG

TURNAROUND TIME REQUESTED
☒ Normal ☐ RUSH* *Additional Rush Charges Approved.
*Date & Time Needed:
Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

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

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

Page 1 of 1 Page 1 of 6
PO No. 2016-2685
Shipping Method
QC Reporting Level ☐ 1 ☐ 2 ☐ 3

LAB USE ONLY
SLI Order No. 1605E39
Sample containers supplied by customer? ☐ Yes
Temperature of Received Samples: 2.2 °C
Samples received within 24 hours of collection? ☐ Yes

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	S1-S KITCHEN A	5/17/16	834a	DW	G	1	8oz + P	HNO3	X				1A
2	S1-S BATHROOM A		842a	DW									2A
3	S2-S 1ST FOUNTAIN JOSB		846a										3A
4	S1-S LOUNGE		852a										4A
5													
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:
PLEASE COMPLETE THE HIGHLIGHTED SECTIONS
- DRINKING WATER REGULATIONS
- E-MAIL RESULTS TO: mtyberg@hygieneering.com ; banderson@hygieneering.com

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
MATT TYBERG	5/17/16		5-18-16				
Received By ☐ Ice	Time 12:00	Received By ☒ Ice	Time 16:10	Received By ☐ Ice	Time	Received By ☐ Ice	Time

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

May 25, 2016

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

Work Order: 1605E40

TEL: (630) 654-2550
FAX:
RE: TWAIN ELEMENTARY SCHOOL

Dear Bob Anderson:

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

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

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

Sincerely,

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

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

Case Narrative

Client: HYGIENEERING
Project: TWAIN ELEMENTARY SCHOOL
WorkOrder: 1605E40
Temperature of samples upon receipt at lab: C

Date: May 25, 2016
PO: 2016-2685
QC Level:
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:

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

Laboratory Results

Client: Hygieneering, Inc. **Report Date:** May 25, 2016
Project: TWAIN ELEMENTARY SCHOOL **Workorder:** 1605E40

Client Sample ID: 515 S KITCHEN **Matrix:** Drinking Water
Lab ID: 1605E40-001 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 8:15 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 9:53 PM	36388

Client Sample ID: 515 S BATHROOM D **Matrix:** Drinking Water
Lab ID: 1605E40-002 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 8:18 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 9:56 PM	36388

Client Sample ID: 515 H FOUNTAIN MUSIC HALL B **Matrix:** Drinking Water
Lab ID: 1605E40-003 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 8:21 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 10:00 PM	36388

Client Sample ID: 515 S LOUNGE 135 **Matrix:** Drinking Water
Lab ID: 1605E40-004 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 8:24 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 10:03 PM	36388

Rpt Ver: 5/25/2016 12:42 AM

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

Prep Dates

Client: Hygieneering, Inc.

Report Date: May 25, 2016
Original

Project: TWAIN ELEMENTARY SCHOOL

Workorder: 1605E40

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1605E40-001A	515 S KITCHEN	5/17/2016 8:15 AM				
			36388	Turbidity Check		5/19/2016 11:30 AM
1605E40-002A	515 S BATHROOM D	5/17/2016 8:18 AM				
			36388	Turbidity Check		5/19/2016 11:30 AM
1605E40-003A	515 H FOUNTAIN MUSIC HALL B	5/17/2016 8:21 AM				
			36388	Turbidity Check		5/19/2016 11:30 AM
1605E40-004A	515 S LOUNGE 135	5/17/2016 8:24 AM				
			36388	Turbidity Check		5/19/2016 11:30 AM

Rpt Ver: 5/25/2016 12:42 AM

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

Qualifier Definitions

Report Date: May 25, 2016

WorkOrder: 1605E40

Qualifiers:

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

SUBURBAN LABORATORIES, Inc.

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

CHAIN OF CUSTODY RECORD

Electronic Version

Company Name: HYGIENEERING, INC
Company Address: 7575 PLAZA CT.
City: WILLOWBROOK State: IL Zip: 60527
Phone: (630) 654-2550 Fax: ☐ Fax Report
Email Address: mtyberg@hygieneering.com
Project ID / Location: TWAIN ELEMENTARY SCHOOL
Project Manager (Report to): BOB ANDERSON
Sample Collector(s): MATT TYBERG

TURNAROUND TIME REQUESTED

☒ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed:

Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

Specify Regulatory Program: (Required) ☑ None/Info only

☐ LUST ☐ SRP ☐ SDWA

☐ 503 Sludge ☐ NPDES ☐ MWRDGC

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

ANALYSIS & METHOD REQUESTED

Enter an "X" in box below for request

Page 1 of 1

PO No. 2016-2685

Shipping Method

QC Reporting Level ☐ 1 ☐ 2 ☐ 3

LAB USE ONLY

SLI Order No. 160SE40

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples 22 °C

Samples received within 24 hours of collection? ☐ Yes

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	515 - SKITCHEN	5/17/16	815a	DW	G	1	8oz + P	HNO3	X				1A
2	515 - SBATHROOM D	↓	815a	DW	↓	↓	↓	↓	↓				2A
3	515 - HFOUNTAIN MUSIC HALL B	↓	821a	↓	↓	↓	↓	↓	↓				3A
4	515 - SLOUNGE135	↓	824a	↓	↓	↓	↓	↓	↓				4A
5													
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

PLEASE COMPLETE THE HIGHLIGHTED SECTIONS

- DRINKING WATER REGULATIONS
- E-MAIL RESULTS TO: mtyberg@hygieneering.com , banderson@hygieneering.com

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
MATT TYBERG	5/17/16		5-18-16				
Received By ☐ Ice	Time 12:00	Received By ☒ Ice	Time 16:10	Received By ☐ Ice	Time	Received By ☐ Ice	Time

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

June 23, 2016

Workorder: 1605E40

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

TEL: (630) 654-2550
FAX:
RE: TWAIN ELEMENTARY SCHOOL

Dear Bob Anderson:

Suburban Laboratories, Inc. received 4 sample(s) on 5/18/2016 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
Customer Service Manager
708-544-3260 ext 214
pat@suburbanlabs.com

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

Case Narrative

Client: Hygieneering, Inc.
Date: June 23, 2016
Project: TWAIN ELEMENTARY SCHOOL
PO #: 2016-2685
WorkOrder: 1605E40
QC Level:
Temperature of samples upon receipt at SLI: 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:
This report supersedes the report dated 05/25/16 with the addition of copper data.

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

Laboratory Results

Client ID: Hygieneering, Inc. **Report Date:** June 23, 2016
Project Name: TWAIN ELEMENTARY SCHOOL **Workorder:** 1605E40

Client Sample ID: 515 S KITCHEN **Matrix:** DRINKING WATER
Lab ID: 1605E40-001 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 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	
Lead	ND	15.0	5.00		µg/L	1	05/19/2016 9:53 PM	36388

Client Sample ID: 515 S BATHROOM D **Matrix:** DRINKING WATER
Lab ID: 1605E40-002 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 8:18 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	05/19/2016 9:56 PM	36388
Lead	ND	15.0	5.00		µg/L	1	05/19/2016 9:56 PM	36388

Client Sample ID: 515 H FOUNTAIN MUSIC HALL B **Matrix:** DRINKING WATER
Lab ID: 1605E40-003 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 8:21 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	
Lead	ND	15.0	5.00		µg/L	1	05/19/2016 10:00 PM	36388

Client Sample ID: 515 S LOUNGE 135 **Matrix:** DRINKING WATER
Lab ID: 1605E40-004 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 8:24 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	
Lead	ND	15.0	5.00		µg/L	1	05/19/2016 10:03 PM	36388

Created: 6/23/2016 3:10:15 AM

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Project: TWAIN ELEMENTARY SCHOO

Report Date: June 23, 2016
Lab Order: **1605E40**

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1605E40-001A	5/17/2016 8:15:00 A	36388	TURB_METALS	Turbidity Check		5/19/2016
1605E40-002A	5/17/2016 8:18:00 A	36388	TURB_METALS	Turbidity Check		5/19/2016
1605E40-003A	5/17/2016 8:21:00 A	36388	TURB_METALS	Turbidity Check		5/19/2016
1605E40-004A	5/17/2016 8:24:00 A	36388	TURB_METALS	Turbidity Check		5/19/2016

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

Qualifier Definitions

WO#: **1605E40**
Date: **6/23/2016**

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

Electronic Version

Company Name: HYGIENEERING, INC
Company Address: 7575 PLAZA CT.
City: WILLOWBROOK State: IL Zip: 60527
Phone: (630) 654-2550 Fax: ☐ Fax Report
Email Address: mtyberg@hygieneering.com
Project ID / Location: TWAIN ELEMENTARY SCHOOL
Project Manager (Report to): BOB ANDERSON
Sample Collector(s): MATT TYBERG

TURNAROUND TIME REQUESTED

☒ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed:

Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

Specify Regulatory Program: (Required) ☑ None/Info only

☐ LUST ☐ SRP ☐ SDWA

☐ 503 Sludge ☐ NPDES ☐ MWRDGC

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

ANALYSIS & METHOD REQUESTED

Enter an "X" in box below for request

Page 1 of 1 Page 6 of 6

PO No. 2016-2685

Shipping Method

QC Reporting Level ☐ 1 ☐ 2 ☐ 3

LAB USE ONLY

SLI Order No. 160SE40

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples: 22 °C

Samples received within 24 hours of collection? ☐ Yes

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	515 - SKITCHEN	5/17/16	815a	DW	G	1	80z + P	HNO3	X				1A
2	515 - SBATHROOM D	↓	815a	DW	↓	↓	↓	↓	↓				2A
3	515 - HFOUNTAIN MUSIC HALL B	↓	821a	↓	↓	↓	↓	↓	↓				3A
4	515 - SLOUNGE135	↓	824a	↓	↓	↓	↓	↓	↓				4A
5													
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

PLEASE COMPLETE THE HIGHLIGHTED SECTIONS

- DRINKING WATER REGULATIONS
- E-MAIL RESULTS TO: mtyberg@hygieneering.com , banderson@hygieneering.com

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
MATT TYBERG	5/17/16		5-18-16				
Received By ☐ Ice	Time 12:00	Received By ☒ Ice	Time 16:10	Received By ☐ Ice	Time	Received By ☐ Ice	Time

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

May 25, 2016

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

Work Order: 1605E41

TEL: (630) 654-2550
FAX:
RE: TARKINGTON SCHOOL

Dear Bob Anderson:

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

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

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

Sincerely,

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

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

Case Narrative

Client: HYGIENEERING
Project: TARKINGTON SCHOOL
WorkOrder: 1605E41
Temperature of samples upon receipt at lab: 22 C

Date: May 25, 2016
PO: 2016-2685
QC Level:
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:

Rpt Ver: 5/25/2016 12:42 AM

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

Laboratory Results

Client: Hygieneering, Inc. **Report Date:** May 25, 2016
Project: TARKINGTON SCHOOL **Workorder:** 1605E41

Client Sample ID: 310 S 124A **Matrix:** Drinking Water
Lab ID: 1605E41-001 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 8:10 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 10:20 PM	36388

Client Sample ID: 310 S T LOUNGE **Matrix:** Drinking Water
Lab ID: 1605E41-002 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 8:15 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 10:23 PM	36388

Client Sample ID: 310 S HEALTH **Matrix:** Drinking Water
Lab ID: 1605E41-003 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 8:20 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 10:26 PM	36388

Client Sample ID: 310 HF LMC **Matrix:** Drinking Water
Lab ID: 1605E41-004 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 8:25 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 10:30 PM	36388

Rpt Ver: 5/25/2016 12:42 AM

SUBURBAN LABORATORIES, Inc.

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

Laboratory Results

Client: Hygieneering, Inc. **Report Date:** May 25, 2016

Project: TARKINGTON SCHOOL **Workorder:** 1605E41

Client Sample ID: 310 S BATHROOM **Matrix:** Drinking Water

Lab ID: 1605E41-005 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 8:30 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 11:00 PM	36388

Rpt Ver: 5/25/2016 12:42 AM

SUBURBAN LABORATORIES, Inc.

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

Prep Dates

Client: Hygieneering, Inc.

Report Date: May 25, 2016
Original

Project: TARKINGTON SCHOOL

Workorder: 1605E41

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1605E41-001A	310 S 124A	5/17/2016 8:10 AM				
			36388	Turbidity Check		5/19/2016 11:30 AM
1605E41-002A	310 S T LOUNGE	5/17/2016 8:15 AM				
			36388	Turbidity Check		5/19/2016 11:30 AM
1605E41-003A	310 S HEALTH	5/17/2016 8:20 AM				
			36388	Turbidity Check		5/19/2016 11:30 AM
1605E41-004A	310 HF LMC	5/17/2016 8:25 AM				
			36388	Turbidity Check		5/19/2016 11:30 AM
1605E41-005A	310 S BATHROOM	5/17/2016 8:30 AM				
			36388	Turbidity Check		5/19/2016 11:30 AM

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

Qualifier Definitions

Report Date: May 25, 2016

WorkOrder: 1605E41

Qualifiers:

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

SUBURBAN LABORATORIES, Inc.

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

CHAIN OF CUSTODY RECORD

Electronic Version

Company Name: Hygieneering, Inc.
Company Address: 7575 Plaza Ct.
City: Willowbrook State: IL Zip: 60527
Phone: (630) 654-2550 Fax: ☐ Fax Report
Email Address: MSeymour@hygieneering.com
Project ID / Location: Tarkington School
Project Manager (Report to): banderson@hygieneering.com
Sample Collector(s): Matt Seymour

TURNAROUND TIME REQUESTED

☒ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed:

Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

Specify Regulatory Program: (Required) ☑ None/Info only

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

ANALYSIS & METHOD REQUESTED

Enter an "X" in box below for request

Page 1 of 1

PO No. 2016-2685

Shipping Method

QC Reporting Level ☐ 1 ☐ 2 ☐ 3

LAB USE ONLY

SLI Order No. 1605E41

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples 22 °C

Samples received within 24 hours of collection? ☐ Yes

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	310-S124A	5-17-16	8:10A	DW	G	1	8oz + P	HNO3	X				1A
2	310-STLounge	↓	8:15A	DW	↓	↓	↓	↓	↓				2A
3	310-SHealth		8:20A	↓									3A
4	310-HFLMC		8:25A	↓									4A
5	310-SBathroom		8:30A										8A
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) CONTAINER: 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) PRESERVATIVE: H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

PLEASE COMPLETE THE HIGHLIGHTED SECTIONS
-Drinking Water Regulations
-E-mail results to: MSeymour@hygieneering.com, banderson@hygieneering.com

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
Matt Seymour	5/17/16		5-19-16				
Received By ☐ Ice	Time 12:00	Received By ☒ Ice	Time 16:10	Received By ☐ Ice	Time	Received By ☐ Ice	Time

Page 7 of 7

Rev. 7/20/08

Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

May 25, 2016

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

Work Order: 1605E41

TEL: (630) 654-2550
FAX:
RE: TARKINGTON SCHOOL

Dear Bob Anderson:

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

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

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

Sincerely,

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

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

Case Narrative

Client: HYGIENEERING
Project: TARKINGTON SCHOOL
WorkOrder: 1605E41
Temperature of samples upon receipt at lab: 22 C

Date: May 25, 2016
PO: 2016-2685
QC Level:
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:

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

Laboratory Results

Client: Hygieneering, Inc. **Report Date:** May 25, 2016
Project: TARKINGTON SCHOOL **Workorder:** 1605E41

Client Sample ID: 310 S 124A **Matrix:** Drinking Water
Lab ID: 1605E41-001 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 8:10 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 10:20 PM	36388

Client Sample ID: 310 S T LOUNGE **Matrix:** Drinking Water
Lab ID: 1605E41-002 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 8:15 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 10:23 PM	36388

Client Sample ID: 310 S HEALTH **Matrix:** Drinking Water
Lab ID: 1605E41-003 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 8:20 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 10:26 PM	36388

Client Sample ID: 310 HF LMC **Matrix:** Drinking Water
Lab ID: 1605E41-004 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 8:25 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 10:30 PM	36388

Rpt Ver: 6/10/2016 1:20 PM

SUBURBAN LABORATORIES, Inc.

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

Laboratory Results

Client: Hygieneering, Inc. **Report Date:** May 25, 2016

Project: TARKINGTON SCHOOL **Workorder:** 1605E41

Client Sample ID: 310 S BATHROOM **Matrix:** Drinking Water

Lab ID: 1605E41-005 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 8:30 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 11:00 PM	36388

Rpt Ver: 6/10/2016 1:20 PM

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

Prep Dates

Client: Hygieneering, Inc.

Report Date: May 25, 2016
Revision v1

Project: TARKINGTON SCHOOL

Workorder: 1605E41

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1605E41-001A	310 S 124A	5/17/2016 8:10 AM				
			36388	Turbidity Check		5/19/2016 11:30 AM
1605E41-002A	310 S T LOUNGE	5/17/2016 8:15 AM				
			36388	Turbidity Check		5/19/2016 11:30 AM
1605E41-003A	310 S HEALTH	5/17/2016 8:20 AM				
			36388	Turbidity Check		5/19/2016 11:30 AM
1605E41-004A	310 HF LMC	5/17/2016 8:25 AM				
			36388	Turbidity Check		5/19/2016 11:30 AM
1605E41-005A	310 S BATHROOM	5/17/2016 8:30 AM				
			36388	Turbidity Check		5/19/2016 11:30 AM

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

Qualifier Definitions

Report Date: May 25, 2016

WorkOrder: 1605E41

Qualifiers:

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

SUBURBAN LABORATORIES, Inc.

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

CHAIN OF CUSTODY RECORD

Electronic Version

Page 1 of 1

Company Name	Hygieneering, Inc.
Company Address	7575 Plaza Ct.
City / State / Zip	Willowbrook / IL / 60527
Phone / Fax	(630) 654-2550 / ☐ Fax Report
Email Address	MSeymour@hygieneering.com
Project ID / Location	Tarkington School
Project Manager (Report to)	banderson@hygieneering.com
Sample Collector(s)	Matt Seymour

TURNAROUND TIME REQUESTED

☒ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed:

Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

Specify Regulatory Program: (Required) ☑ None/Info only

☐ LUST ☐ SRP ☐ SDWA

☐ 503 Sludge ☐ NPDES ☐ MWRDGC

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

ANALYSIS & METHOD REQUESTED

Enter an "X" in box below for request

PO No. 2016-2685

Shipping Method

QC Reporting Level ☐ 1 ☐ 2 ☐ 3

LAB USE ONLY

SLI Order No. 1605E41

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples 22 °C

Samples received within 24 hours of collection? ☐ Yes

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	310-S124A	5-17-16	8:10A	DW	G	1	8oz + P	HNO3	X				1A
2	310-STLounge	↓	8:15A	DW	↓	↓	↓	↓	↓				2A
3	310-SHealth		8:20A	↓									3A
4	310-HFLMC		8:25A	↓									4A
5	310-SBathroom		8:30A										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:

PLEASE COMPLETE THE HIGHLIGHTED SECTIONS

-Drinking Water Regulations

-E-mail results to: MSeymour@hygieneering.com, banderson@hygieneering.com

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
Matt Seymour	5/17/16		5-19-16				
Received By ☐ Ice	Time 12:00	Received By ☒ Ice	Time 16:10	Received By ☐ Ice	Time	Received By ☐ Ice	Time

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

May 25, 2016

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

Work Order: 1605E43

TEL: (630) 654-2550
FAX:
RE: RILEY SCHOOL

Dear Bob Anderson:

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

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

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

Sincerely,

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

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

Case Narrative

Client: HYGIENEERING
Project: RILEY SCHOOL
WorkOrder: 1605E43
Temperature of samples upon receipt at lab: 22 C

Date: May 25, 2016
PO: 2016-2685
QC Level:
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:

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

Laboratory Results

Client: Hygieneering, Inc. **Report Date:** May 25, 2016
Project: RILEY SCHOOL **Workorder:** 1605E43

Client Sample ID: 1209 HF103B **Matrix:** Drinking Water
Lab ID: 1605E43-001 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 7:41 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 11:03 PM	36388

Client Sample ID: 1209 S101 **Matrix:** Drinking Water
Lab ID: 1605E43-002 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 7:45 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 11:06 PM	36388

Client Sample ID: 1209 S BATHROOM **Matrix:** Drinking Water
Lab ID: 1605E43-003 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 7:48 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 11:09 PM	36388

Client Sample ID: 1209 S KITCHEN **Matrix:** Drinking Water
Lab ID: 1605E43-004 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 7:52 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 11:13 PM	36388

Rpt Ver: 5/25/2016 12:43 AM

SUBURBAN LABORATORIES, Inc.

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

Prep Dates

Client: Hygieneering, Inc.

Report Date: May 25, 2016
Original

Project: RILEY SCHOOL

Workorder: 1605E43

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1605E43-001A	1209 HF103B	5/17/2016 7:41 AM				
			36388	Turbidity Check		5/19/2016 11:30 AM
1605E43-002A	1209 S101	5/17/2016 7:45 AM				
			36388	Turbidity Check		5/19/2016 11:30 AM
1605E43-003A	1209 S BATHROOM	5/17/2016 7:48 AM				
			36388	Turbidity Check		5/19/2016 11:30 AM
1605E43-004A	1209 S KITCHEN	5/17/2016 7:52 AM				
			36388	Turbidity Check		5/19/2016 11:30 AM

Rpt Ver: 5/25/2016 12:43 AM

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

Qualifier Definitions

Report Date: May 25, 2016

WorkOrder: 1605E43

Qualifiers:

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

SUBURBAN LABORATORIES, Inc.

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

CHAIN OF CUSTODY RECORD

Electronic Version

Page 1 of 1

Company Name: Hygieneering, Inc.
Company Address: 7575 Plaza Ct.
City: Willowbrook State: IL Zip: 60527
Phone: (630) 654-2550 Fax: ☐ Fax Report
Email Address: MSeymour@hygieneering.com
Project ID / Location: Riley School
Project Manager (Report to): banderson@hygieneering.com
Sample Collector(s): Matt Seymour

TURNAROUND TIME REQUESTED
☒ Normal ☐ RUSH* *Additional Rush Charges Approved.
*Date & Time Needed:
Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

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

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

PO No. 2016-2685
Shipping Method
QC Reporting Level ☐ 1 ☐ 2 ☐ 3

LAB USE ONLY
SLI Order No 1605E43
Sample containers supplied by customer? ☐ Yes
Temperature of Received Samples 22 °C
Samples received within 24 hours of collection? ☐ Yes

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	1209-HF103B	5-17-16	7:41 A	DW	G	1	8oz + P	HNO3	X				1A
2	1209-S101	↓	7:45 A	DW	↓	↓	↓	↓	↓				2A
3	1209-S Bathroom	↓	7:48 A	↓	↓	↓	↓	↓	↓				3A
4	1209-S Kitchen	↓	7:52 A	↓	↓	↓	↓	↓	↓				4A
5													
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:
PLEASE COMPLETE THE HIGHLIGHTED SECTIONS
-Drinking Water Regulations
- E-mail results to: MSeymour@hygieneering.com, banderson@hygieneering.com

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
Matt Seymour	5/17/16		5-18-16				
Received By ☐ Ice	Time 12:00	Received By ☐ Ice	Time 16:10	Received By ☐ Ice	Time	Received By ☐ Ice	Time

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

June 10, 2016

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

Work Order: 1605E43

TEL: (630) 654-2550
FAX:
RE: RILEY SCHOOL

Dear Bob Anderson:

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

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

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

Sincerely,

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

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

Case Narrative

Client: HYGIENEERING
Project: RILEY SCHOOL
WorkOrder: 1605E43
Temperature of samples upon receipt at lab: 22 C

Date: June 10, 2016
PO: 2016-2685
QC Level:
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:

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

Laboratory Results

Client: Hygieneering, Inc. **Report Date:** June 10, 2016
Project: RILEY SCHOOL **Workorder:** 1605E43

Client Sample ID: 1209 HF103B **Matrix:** Drinking Water
Lab ID: 1605E43-001 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 7:41 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Copper	111	1,300	100		µg/L	1	5/19/2016 11:03 PM	36388
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 11:03 PM	36388

Client Sample ID: 1209 S101 **Matrix:** Drinking Water
Lab ID: 1605E43-002 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 7:45 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	5/19/2016 11:06 PM	36388
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 11:06 PM	36388

Client Sample ID: 1209 S BATHROOM **Matrix:** Drinking Water
Lab ID: 1605E43-003 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 7:48 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	5/19/2016 11:09 PM	36388
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 11:09 PM	36388

Client Sample ID: 1209 S KITCHEN **Matrix:** Drinking Water
Lab ID: 1605E43-004 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 7:52 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Copper	230	1,300	100		µg/L	1	5/19/2016 11:13 PM	36388

Rpt Ver: 6/10/2016 2:14 PM

SUBURBAN LABORATORIES, Inc.

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

Laboratory Results

Client: Hygieneering, Inc. **Report Date:** June 10, 2016

Project: RILEY SCHOOL **Workorder:** 1605E43

Client Sample ID: 1209 S KITCHEN **Matrix:** Drinking Water

Lab ID: 1605E43-004 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 7:52 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 11:13 PM	36388

Rpt Ver: 6/10/2016 2:14 PM

SUBURBAN LABORATORIES, Inc.

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

Prep Dates

Client: Hygieneering, Inc.

Report Date: June 10, 2016
Revision v1

Project: RILEY SCHOOL

Workorder: 1605E43

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1605E43-001A	1209 HF103B	5/17/2016 7:41 AM				
			36388	Turbidity Check		5/19/2016 11:30 AM
1605E43-002A	1209 S101	5/17/2016 7:45 AM				
			36388	Turbidity Check		5/19/2016 11:30 AM
1605E43-003A	1209 S BATHROOM	5/17/2016 7:48 AM				
			36388	Turbidity Check		5/19/2016 11:30 AM
1605E43-004A	1209 S KITCHEN	5/17/2016 7:52 AM				
			36388	Turbidity Check		5/19/2016 11:30 AM

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

Qualifier Definitions

Report Date: June 10, 2016

WorkOrder: 1605E43

Qualifiers:

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

SUBURBAN LABORATORIES, Inc.

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

CHAIN OF CUSTODY RECORD

Electronic Version

Page 1 of 1

PO No. 2016-2685

Shipping Method

QC Reporting Level ☐ 1 ☐ 2 ☐ 3

LAB USE ONLY

SLI Order No 1605E43

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples 22 °C

Samples received within 24 hours of collection? ☐ Yes

Company Name: Hygieneering, Inc.

Company Address: 7575 Plaza Ct.

City: Willowbrook State: IL Zip: 60527

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

Email Address: MSeymour@hygieneering.com

Project ID / Location: Riley School

Project Manager (Report to): banderson@hygieneering.com

Sample Collector(s): Matt Seymour

TURNAROUND TIME REQUESTED

☒ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed:

Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

Specify Regulatory Program: (Required)

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

ANALYSIS & METHOD REQUESTED

Enter an "X" in box below for request

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	1209-HF103B	5-17-16	7:41 A	DW	G	1	8oz + P	HNO3	X				1A
2	1209-S101	↓	7:45 A	DW	↓	↓	↓	↓	↓				2A
3	1209-S Bathroom	↓	7:48 A	↓	↓	↓	↓	↓	↓				3A
4	1209-S Kitchen	↓	7:52 A	↓	↓	↓	↓	↓	↓				4A
5													
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

PLEASE COMPLETE THE HIGHLIGHTED SECTIONS

-Drinking Water Regulations

-E-mail results to: MSeymour@hygieneering.com, banderson@hygieneering.com

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
Matt Seymour	5/17/16		5-18-16				
Received By ☐ Ice	Time 12:00	Received By ☐ Ice	Time 16:10	Received By ☐ Ice	Time	Received By ☐ Ice	Time

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

May 25, 2016

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

Work Order: 1605E44

TEL: (630) 654-2550
FAX:
RE: POE SCHOOL

Dear Bob Anderson:

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

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

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

Sincerely,

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

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

Case Narrative

Client: HYGIENEERING
Project: POE SCHOOL
WorkOrder: 1605E44
Temperature of samples upon receipt at lab: 22 C

Date: May 25, 2016
PO: 2016-2685
QC Level:
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:

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

Laboratory Results

Client: Hygieneering, Inc. **Report Date:** May 25, 2016
Project: POE SCHOOL **Workorder:** 1605E44

Client Sample ID: 2800 S T LOUNGE **Matrix:** Drinking Water
Lab ID: 1605E44-001 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 7:20 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 11:16 PM	36389

Client Sample ID: 2800 HF STORAGE A **Matrix:** Drinking Water
Lab ID: 1605E44-002 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 7:23 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 11:20 PM	36389

Client Sample ID: 2800 S BATHROOM B **Matrix:** Drinking Water
Lab ID: 1605E44-003 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 7:25 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 11:23 PM	36389

Client Sample ID: 2800 S KITCHEN **Matrix:** Drinking Water
Lab ID: 1605E44-004 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 7:28 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 11:39 PM	36389

Rpt Ver: 5/25/2016 12:44 AM

SUBURBAN LABORATORIES, Inc.

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

Prep Dates

Client: Hygieneering, Inc.

Report Date: May 25, 2016
Original

Project: POE SCHOOL

Workorder: 1605E44

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1605E44-001A	2800 S T LOUNGE	5/17/2016 7:20 AM				
			36389	Turbidity Check		5/19/2016 11:30 AM
1605E44-002A	2800 HF STORAGE A	5/17/2016 7:23 AM				
			36389	Turbidity Check		5/19/2016 11:30 AM
1605E44-003A	2800 S BATHROOM B	5/17/2016 7:25 AM				
			36389	Turbidity Check		5/19/2016 11:30 AM
1605E44-004A	2800 S KITCHEN	5/17/2016 7:28 AM				
			36389	Turbidity Check		5/19/2016 11:30 AM

Rpt Ver: 5/25/2016 12:44 AM

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

Qualifier Definitions

Report Date: May 25, 2016

WorkOrder: 1605E44

Qualifiers:

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

SUBURBAN LABORATORIES, Inc.

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

CHAIN OF CUSTODY RECORD

Electronic Version

Company Name: Hygieneering, Inc.
Company Address: 7575 Plaza Ct.
City: Willowbrook State: IL Zip: 60527
Phone: (630) 654-2550 Fax: ☐ Fax Report
Email Address: MSeymour@hygieneering.com
Project ID / Location: Poe School
Project Manager (Report to): banderson@hygieneering.com
Sample Collector(s): Matt Seymour

TURNAROUND TIME REQUESTED

☒ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed:

Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

Specify Regulatory Program: (Required) ☑ None/Info only

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

ANALYSIS & METHOD REQUESTED

Enter an "X" in box below for request

Page 1 of 1

PO No. 2016-2685

Shipping Method

QC Reporting Level ☐ 1 ☐ 2 ☐ 3

LAB USE ONLY

SLI Order No. 1605E44

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples 22 °C

Samples received within 24 hours of collection? ☐ Yes

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	2800-STLounge	5-17-16	7:20A	DW	G	1	8oz + P	HNO3	X				1A
2	2800-HFStorage A	↓	7:23A	DW	↓	↓	↓	↓	↓				2A
3	2800-SBathroom B	↓	7:25A	↓	↓	↓	↓	↓	↓				3A
4	2800-SKitchen	↓	7:28A	↓	↓	↓	↓	↓	↓				4A
5													
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) CONTAINER: 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) PRESERVATIVE: H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

PLEASE COMPLETE THE HIGHLIGHTED SECTIONS
-Drinking Water Regulations
-E-mail results to: MSeymour@hygieneering.com, banderson@hygieneering.com

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
Matt Seymour	5/17/16		5-18-16				
Received By ☐ Ice	Time 12:00	Received By ☒ Ice	Time 15:10	Received By ☐ Ice	Time	Received By ☐ Ice	Time

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

June 10, 2016

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

Work Order: 1605E44

TEL: (630) 654-2550
FAX:
RE: POE SCHOOL

Dear Bob Anderson:

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

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

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

Sincerely,

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

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

Case Narrative

Client: HYGIENEERING
Project: POE SCHOOL
WorkOrder: 1605E44
Temperature of samples upon receipt at lab: 22 C

Date: June 10, 2016
PO: 2016-2685
QC Level:
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.
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- 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: Hygieneering, Inc. **Report Date:** June 10, 2016
Project: POE SCHOOL **Workorder:** 1605E44

Client Sample ID: 2800 S T LOUNGE **Matrix:** Drinking Water
Lab ID: 1605E44-001 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 7:20 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Copper	286	1,300	100		µg/L	1	5/19/2016 11:16 PM	36389
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 11:16 PM	36389

Client Sample ID: 2800 HF STORAGE A **Matrix:** Drinking Water
Lab ID: 1605E44-002 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 7:23 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Copper	564	1,300	100		µg/L	1	5/19/2016 11:20 PM	36389
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 11:20 PM	36389

Client Sample ID: 2800 S BATHROOM B **Matrix:** Drinking Water
Lab ID: 1605E44-003 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 7:25 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Copper	123	1,300	100		µg/L	1	5/19/2016 11:23 PM	36389
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 11:23 PM	36389

Client Sample ID: 2800 S KITCHEN **Matrix:** Drinking Water
Lab ID: 1605E44-004 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 7:28 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Copper	152	1,300	100		µg/L	1	5/19/2016 11:39 PM	36389

Rpt Ver: 6/10/2016 2:12 PM

SUBURBAN LABORATORIES, Inc.

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

Laboratory Results

Client: Hygieneering, Inc. **Report Date:** June 10, 2016

Project: POE SCHOOL **Workorder:** 1605E44

Client Sample ID: 2800 S KITCHEN **Matrix:** Drinking Water

Lab ID: 1605E44-004 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 7:28 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 11:39 PM	36389

Rpt Ver: 6/10/2016 2:12 PM

SUBURBAN LABORATORIES, Inc.

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

Prep Dates

Client: Hygieneering, Inc.

Report Date: June 10, 2016
Revision v1

Project: POE SCHOOL

Workorder: 1605E44

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1605E44-001A	2800 S T LOUNGE	5/17/2016 7:20 AM				
			36389	Turbidity Check		5/19/2016 11:30 AM
1605E44-002A	2800 HF STORAGE A	5/17/2016 7:23 AM				
			36389	Turbidity Check		5/19/2016 11:30 AM
1605E44-003A	2800 S BATHROOM B	5/17/2016 7:25 AM				
			36389	Turbidity Check		5/19/2016 11:30 AM
1605E44-004A	2800 S KITCHEN	5/17/2016 7:28 AM				
			36389	Turbidity Check		5/19/2016 11:30 AM

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

Qualifier Definitions

Report Date: June 10, 2016

WorkOrder: 1605E44

Qualifiers:

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

SUBURBAN LABORATORIES, Inc.

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

CHAIN OF CUSTODY RECORD

Electronic Version

Page 1 of 1

PO No. 2016-2685

Shipping Method

QC Reporting Level ☐ 1 ☐ 2 ☐ 3

LAB USE ONLY

SLI Order No. 1605E44

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples 22 °C

Samples received within 24 hours of collection? ☐ Yes

Company Name: Hygieneering, Inc.

Company Address: 7575 Plaza Ct.

City: Willowbrook State: IL Zip: 60527

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

Email Address: MSeymour@hygieneering.com

Project ID / Location: Poe School

Project Manager (Report to): banderson@hygieneering.com

Sample Collector(s): Matt Seymour

TURNAROUND TIME REQUESTED

☒ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed:

Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

Specify Regulatory Program: (Required) ☑ None/Info only

☐ LUST ☐ SRP ☐ SDWA

☐ 503 Sludge ☐ NPDES ☐ MWRDGC

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

ANALYSIS & METHOD REQUESTED

Enter an "X" in box below for request

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	2800-STLounge	5-17-16	7:20A	DW	G	1	8oz + P	HNO3	X				1A
2	2800-HFStorage A	↓	7:23A	DW	↓	↓	↓	↓	↓				2A
3	2800-SBathroom B	↓	7:25A	↓	↓	↓	↓	↓	↓				3A
4	2800-SKitchen	↓	7:28A	↓	↓	↓	↓	↓	↓				4A
5													
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) CONTAINER: 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) PRESERVATIVE: H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

PLEASE COMPLETE THE HIGHLIGHTED SECTIONS

-Drinking Water Regulations

-E-mail results to: MSeymour@hygieneering.com, banderson@hygieneering.com

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
Matt Seymour	5/17/16		5-18-16				
Received By ☐ Ice	Time 12:00	Received By ☒ Ice	Time 15:10	Received By ☐ Ice	Time	Received By ☐ Ice	Time

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

June 10, 2016

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

Work Order: 1605E45

TEL: (630) 654-2550
FAX:
RE: Longfellow School

Dear Bob Anderson:

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

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

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

Sincerely,

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

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

Case Narrative

Client: HYGIENEERING
Project: Longfellow School
WorkOrder: 1605E45
Temperature of samples upon receipt at lab: 22 C

Date: June 10, 2016
PO: 2016-2685
QC Level:
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:

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

Laboratory Results

Client: Hygieneering, Inc. **Report Date:** June 10, 2016
Project: Longfellow School **Workorder:** 1605E45

Client Sample ID: 715 HF HEALTH B **Matrix:** Drinking Water
Lab ID: 1605E45-001 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 6:55 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	5/19/2016 11:43 PM	36389
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 11:43 PM	36389

Client Sample ID: 715 S BATHROOM A **Matrix:** Drinking Water
Lab ID: 1605E45-002 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 6:58 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	5/19/2016 11:49 PM	36389
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 11:49 PM	36389

Client Sample ID: 715 S 105 **Matrix:** Drinking Water
Lab ID: 1605E45-003 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 7:03 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	5/19/2016 11:53 PM	36389
Lead	18.1	15.0	5.00	*	µg/L	1	5/19/2016 11:53 PM	36389

Client Sample ID: 715 S 106 **Matrix:** Drinking Water
Lab ID: 1605E45-004 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 7:08 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	5/19/2016 11:56 PM	36389

Rpt Ver: 6/10/2016 2:10 PM

SUBURBAN LABORATORIES, Inc.

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

Laboratory Results

Client: Hygieneering, Inc. **Report Date:** June 10, 2016

Project: Longfellow School **Workorder:** 1605E45

Client Sample ID: 715 S 106 **Matrix:** Drinking Water

Lab ID: 1605E45-004 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 7:08 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 11:56 PM	36389

Client Sample ID: 715 S KITCHEN B **Matrix:** Drinking Water

Lab ID: 1605E45-005 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 7:10 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Copper	159	1,300	100		µg/L	1	5/19/2016 11:59 PM	36389
Lead	ND	15.0	5.00		µg/L	1	5/19/2016 11:59 PM	36389

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

Prep Dates

Client: Hygieneering, Inc.

Report Date: June 10, 2016
Revision v1

Project: Longfellow School

Workorder: 1605E45

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1605E45-001A	715 HF HEALTH B	5/17/2016 6:55 AM				
			36389	Turbidity Check		5/19/2016 11:30 AM
1605E45-002A	715 S BATHROOM A	5/17/2016 6:58 AM				
			36389	Turbidity Check		5/19/2016 11:30 AM
1605E45-003A	715 S 105	5/17/2016 7:03 AM				
			36389	Turbidity Check		5/19/2016 11:30 AM
1605E45-004A	715 S 106	5/17/2016 7:08 AM				
			36389	Turbidity Check		5/19/2016 11:30 AM
1605E45-005A	715 S KITCHEN B	5/17/2016 7:10 AM				
			36389	Turbidity Check		5/19/2016 11:30 AM

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

Qualifier Definitions

Report Date: June 10, 2016

WorkOrder: 1605E45

Qualifiers:

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

SUBURBAN LABORATORIES, Inc.

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

CHAIN OF CUSTODY RECORD

Electronic Version

Page 1 of 1

PO No. 2016-2685

Shipping Method

QC Reporting Level ☐ 1 ☐ 2 ☐ 3

LAB USE ONLY

SLI Order No. 160SE45

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples 22 °C

Samples received within 24 hours of collection? ☐ Yes

Company Name: Hygieneering, Inc.

Company Address: 7575 Plaza Ct.

City: Willowbrook State: IL Zip: 60527

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

Email Address: MSeymour@hygieneering.com;

Project ID / Location: Longfellow School

Project Manager (Report to): banderson@hygieneering.com

Sample Collector(s): Matt Seymour

TURNAROUND TIME REQUESTED

☒ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed:

Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

Specify Regulatory Program: (Required) ☑ None/Info only

☐ LUST ☐ SRP ☐ SDWA

☐ 503 Sludge ☐ NPDES ☐ MWRDGC

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

ANALYSIS & METHOD REQUESTED

Enter an "X" in box below for request

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	715-HF Health B	5-17-16	6:55A	DW	G	1	8oz + P	HNO3	X				1A
2	715-S Bathroom A		6:58 A	DW									2A
3	715-S105		7:03 A										3A
4	715-S106		7:08A										4A
5	715-S Kitchen B		7:10 A										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:

PLEASE COMPLETE THE HIGHLIGHTED SECTIONS

-Drinking Water Regulations

-E-mail results to: MSeymour@hygieneering.com, banderson@hygieneering.com

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
Matt Seymour	5/17/16		5-18-16				
Received By ☐ Ice	Time 12:00	Received By ☒ Ice	Time 15:10	Received By ☐ Ice	Time	Received By ☐ Ice	Time

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

May 25, 2016

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

Work Order: 1605E47

TEL: (630) 654-2550
FAX:
RE: COOPER SCHOOL

Dear Bob Anderson:

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

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

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

Sincerely,

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

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

Case Narrative

Client: HYGIENEERING
Project: COOPER SCHOOL
WorkOrder: 1605E47
Temperature of samples upon receipt at lab: 22 C

Date: May 25, 2016
PO: 2016-2685
QC Level:
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:

Rpt Ver: 5/25/2016 12:45 AM

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

Laboratory Results

Client: Hygieneering, Inc. **Report Date:** May 25, 2016
Project: COOPER SCHOOL **Workorder:** 1605E47

Client Sample ID: 1050 S KITCHEN B **Matrix:** Drinking Water
Lab ID: 1605E47-001 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 6:35 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/20/2016 12:03 AM	36389

Client Sample ID: 1050 S T LOUNGE **Matrix:** Drinking Water
Lab ID: 1605E47-002 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 6:38 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/20/2016 12:19 AM	36389

Client Sample ID: 1050 HF 122B **Matrix:** Drinking Water
Lab ID: 1605E47-003 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 6:42 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/20/2016 12:23 AM	36389

Client Sample ID: 1050 S BATHROOM **Matrix:** Drinking Water
Lab ID: 1605E47-004 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 6:45 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/20/2016 12:26 AM	36389

Rpt Ver: 5/25/2016 12:45 AM

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

Prep Dates

Client: Hygieneering, Inc.

Report Date: May 25, 2016
Original

Project: COOPER SCHOOL

Workorder: 1605E47

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1605E47-001A	1050 S KITCHEN B	5/17/2016 6:35 AM				
			36389	Turbidity Check		5/19/2016 11:30 AM
1605E47-002A	1050 S T LOUNGE	5/17/2016 6:38 AM				
			36389	Turbidity Check		5/19/2016 11:30 AM
1605E47-003A	1050 HF 122B	5/17/2016 6:42 AM				
			36389	Turbidity Check		5/19/2016 11:30 AM
1605E47-004A	1050 S BATHROOM	5/17/2016 6:45 AM				
			36389	Turbidity Check		5/19/2016 11:30 AM

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

Qualifier Definitions

Report Date: May 25, 2016

WorkOrder: 1605E47

Qualifiers:

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

SUBURBAN LABORATORIES, Inc.

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

CHAIN OF CUSTODY RECORD

Electronic Version

Page 1 of 1

Company Name	Hygieneering, Inc.
Company Address	7575 Plaza Ct.
City / State / Zip	Willowbrook / IL / 60527
Phone / Fax	(630) 654-2550 / ☐ Fax Report
Email Address	MSeymour@hygieneering.com
Project ID / Location	Cooper School
Project Manager (Report to)	banderson@hygieneering.com
Sample Collector(s)	Matt Seymour

TURNAROUND TIME REQUESTED

☒ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed:

Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

Specify Regulatory Program: (Required) ☑ None/Info only

☐ LUST ☐ SRP ☐ SDWA

☐ 503 Sludge ☐ NPDES ☐ MWRDGC

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

ANALYSIS & METHOD REQUESTED

Enter an "X" in box below for request

PO No. 2016-2685

Shipping Method

QC Reporting Level ☐ 1 ☐ 2 ☐ 3

LAB USE ONLY

SLI Order No. 1605E47

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples 22 °C

Samples received within 24 hours of collection? ☐ Yes

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	1058 - SKitchenB	5-17-16	6:35 A	DW	G	1	8oz + P	HNO3	X				1A
2	1050 - STLounge	↓	6:38 A	DW	↓	↓	↓	↓	↓				2A
3	1050 - HF122B	↓	6:42 A	↓	↓	↓	↓	↓	↓				3A
4	1050 - SBathroom	↓	6:45 A	↓	↓	↓	↓	↓	↓				4A
5													
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

PLEASE COMPLETE THE HIGHLIGHTED SECTIONS

-Drinking Water Regulations

-E-mail results to: MSeymour@hygieneering.com, banderson@hygieneering.com

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

	Date		Date		Date		Date
1. Relinquished By: Matt Seymour	5/17/16	2. Relinquished By:	5-18-16	3. Relinquished By:		4. Relinquished By:	
Received By: ☐ Ice	Time: 12:00	Received By: ☒ Ice	Time: 16:10	Received By: ☐ Ice	Time	Received By: ☐ Ice	Time

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

June 10, 2016

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

Work Order: 1605E47

TEL: (630) 654-2550
FAX:
RE: COOPER SCHOOL

Dear Bob Anderson:

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

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

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

Sincerely,

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

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

Case Narrative

Client: HYGIENEERING
Project: COOPER SCHOOL
WorkOrder: 1605E47
Temperature of samples upon receipt at lab: 22 C

Date: June 10, 2016
PO: 2016-2685
QC Level:
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:

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

Laboratory Results

Client: Hygieneering, Inc. **Report Date:** June 10, 2016
Project: COOPER SCHOOL **Workorder:** 1605E47

Client Sample ID: 1050 S KITCHEN B **Matrix:** Drinking Water
Lab ID: 1605E47-001 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 6:35 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Copper	110	1,300	100		µg/L	1	5/20/2016 12:03 AM	36389
Lead	ND	15.0	5.00		µg/L	1	5/20/2016 12:03 AM	36389

Client Sample ID: 1050 S T LOUNGE **Matrix:** Drinking Water
Lab ID: 1605E47-002 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 6:38 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Copper	184	1,300	100		µg/L	1	5/20/2016 12:19 AM	36389
Lead	ND	15.0	5.00		µg/L	1	5/20/2016 12:19 AM	36389

Client Sample ID: 1050 HF 122B **Matrix:** Drinking Water
Lab ID: 1605E47-003 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 6:42 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Copper	576	1,300	100		µg/L	1	5/20/2016 12:23 AM	36389
Lead	ND	15.0	5.00		µg/L	1	5/20/2016 12:23 AM	36389

Client Sample ID: 1050 S BATHROOM **Matrix:** Drinking Water
Lab ID: 1605E47-004 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 6:45 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Copper	102	1,300	100		µg/L	1	5/20/2016 12:26 AM	36389

Rpt Ver: 6/10/2016 2:08 PM

SUBURBAN LABORATORIES, Inc.

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

Laboratory Results

Client: Hygieneering, Inc. **Report Date:** June 10, 2016

Project: COOPER SCHOOL **Workorder:** 1605E47

Client Sample ID: 1050 S BATHROOM **Matrix:** Drinking Water

Lab ID: 1605E47-004 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 6:45 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/20/2016 12:26 AM	36389

SUBURBAN LABORATORIES, Inc.

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

Prep Dates

Client: Hygieneering, Inc.

Report Date: June 10, 2016
Revision v1

Project: COOPER SCHOOL

Workorder: 1605E47

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1605E47-001A	1050 S KITCHEN B	5/17/2016 6:35 AM				
			36389	Turbidity Check		5/19/2016 11:30 AM
1605E47-002A	1050 S T LOUNGE	5/17/2016 6:38 AM				
			36389	Turbidity Check		5/19/2016 11:30 AM
1605E47-003A	1050 HF 122B	5/17/2016 6:42 AM				
			36389	Turbidity Check		5/19/2016 11:30 AM
1605E47-004A	1050 S BATHROOM	5/17/2016 6:45 AM				
			36389	Turbidity Check		5/19/2016 11:30 AM

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

Qualifier Definitions

Report Date: June 10, 2016

WorkOrder: 1605E47

Qualifiers:

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

SUBURBAN LABORATORIES, Inc.

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

CHAIN OF CUSTODY RECORD

Electronic Version

Company Name: Hygieneering, Inc.
Company Address: 7575 Plaza Ct.
City: Willowbrook State: IL Zip: 60527
Phone: (630) 654-2550 Fax: ☐ Fax Report
Email Address: MSeymour@hygieneering.com
Project ID / Location: Cooper School
Project Manager (Report to): banderson@hygieneering.com
Sample Collector(s): Matt Seymour

TURNAROUND TIME REQUESTED

☒ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed:

Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

Specify Regulatory Program: (Required) ☑ None/Info only

☐ LUST ☐ SRP ☐ SDWA

☐ 503 Sludge ☐ NPDES ☐ MWRDGC

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

ANALYSIS & METHOD REQUESTED

Enter an "X" in box below for request

Page 1 of 1

PO No. 2016-2685

Shipping Method

QC Reporting Level ☐ 1 ☐ 2 ☐ 3

LAB USE ONLY

SLI Order No. 1605E47

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples 22 °C

Samples received within 24 hours of collection? ☐ Yes

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	1058 - SKitchen B	5-17-16	6:35 A	DW	G	1	8oz + P	HNO3	X				1A
2	1050 - ST Lounge	↓	6:38 A	DW	↓	↓	↓	↓	↓				2A
3	1050 - HF122 B	↓	6:42 A	↓	↓	↓	↓	↓	↓				3A
4	1050 - SBathroom	↓	6:45 A	↓	↓	↓	↓	↓	↓				4A
5													
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

PLEASE COMPLETE THE HIGHLIGHTED SECTIONS
-Drinking Water Regulations
-E-mail results to: MSeymour@hygieneering.com, banderson@hygieneering.com

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
Matt Seymour	5/17/16		5-18-16				
Received By	**Time**	**Received By**	**Time**	**Received By**	**Time**	**Received By**	**Time**
☐ Ice	12:00	☒ Ice	16:10	☐ Ice		☐ Ice	

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

May 25, 2016

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

Work Order: 1605E49

TEL: (630) 654-2550
FAX:
RE: KILMER SCHOOL

Dear Bob Anderson:

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

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

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

Sincerely,

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

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

Case Narrative

Client: HYGIENEERING
Project: KILMER SCHOOL
WorkOrder: 1605E49
Temperature of samples upon receipt at lab: 22 C

Date: May 25, 2016
PO: 2016-2685
QC Level:
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:

Rpt Ver: 5/25/2016 12:46 AM

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

Laboratory Results

Client: Hygieneering, Inc. **Report Date:** May 25, 2016
Project: KILMER SCHOOL **Workorder:** 1605E49

Client Sample ID: 655 HF113B **Matrix:** Drinking Water
Lab ID: 1605E49-001 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 6:15 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/23/2016 1:58 PM	36389

Client Sample ID: 655 STLOUNGE **Matrix:** Drinking Water
Lab ID: 1605E49-002 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 6:20 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/23/2016 2:16 PM	36389

Client Sample ID: 655 S BATHROOM **Matrix:** Drinking Water
Lab ID: 1605E49-003 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 6:22 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/23/2016 2:19 PM	36390

Client Sample ID: 655 S KITCHEN **Matrix:** Drinking Water
Lab ID: 1605E49-004 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 6:25 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/23/2016 2:22 PM	36390

Rpt Ver: 5/25/2016 12:46 AM

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

Prep Dates

Client: Hygieneering, Inc.

Report Date: May 25, 2016
Original

Project: KILMER SCHOOL

Workorder: 1605E49

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1605E49-001A	655 HF113B	5/17/2016 6:15 AM				
			36389	Turbidity Check		5/19/2016 11:30 AM
1605E49-002A	655 STLOUNGE	5/17/2016 6:20 AM				
			36389	Turbidity Check		5/19/2016 11:30 AM
1605E49-003A	655 S BATHROOM	5/17/2016 6:22 AM				
			36390	Turbidity Check		5/19/2016 11:31 AM
1605E49-004A	655 S KITCHEN	5/17/2016 6:25 AM				
			36390	Turbidity Check		5/19/2016 11:31 AM

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

Qualifier Definitions

Report Date: May 25, 2016

WorkOrder: 1605E49

Qualifiers:

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

SUBURBAN LABORATORIES, Inc.

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

CHAIN OF CUSTODY RECORD

Electronic Version

Company Name: Hygieneering, Inc.
Company Address: 7575 Plaza Ct.
City: Willowbrook State: IL Zip: 60527
Phone: (630) 654-2550 Fax: ☐ Fax Report
Email Address: MSeymour@hygieneering.com
Project ID / Location: Kilmer School
Project Manager (Report to): banderson@hygieneering.com
Sample Collector(s): Matt Seymour

TURNAROUND TIME REQUESTED
☒ Normal ☐ RUSH* *Additional Rush Charges Approved.
*Date & Time Needed:
Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

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

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

PO No. 2016-2685
Shipping Method
QC Reporting Level ☐ 1 ☐ 2 ☐ 3
LAB USE ONLY
SLI Order No. 1605E49
Sample containers supplied by customer? ☐ Yes
Temperature of Received Samples 22 °C
Samples received within 24 hours of collection? ☐ Yes

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	655 - HF113B	5-17-16	6:15A	DW	G	1	8oz + P	HNO3	X				1A
2	655 - STLounge	↓	6:20A	DW	↓	↓	↓	↓	↓				2A
3	655 - SBathroom	↓	6:22A	↓	↓	↓	↓	↓	↓				3A
4	655 - SKitchen	↓	6:25A	↓	↓	↓	↓	↓	↓				4A
5													
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) CONTAINER: 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) PRESERVATIVE: H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:
PLEASE COMPLETE THE HIGHLIGHTED SECTIONS
-Drinking Water Regulations
-E-mail results to: MSeymour@hygieneering.com, banderson@hygieneering.com

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
Matt Seymour	5/17/16		5-17-16				
Received By ☐ Ice	Time 12:00	Received By ☒ Ice	Time 16:10	Received By ☐ Ice	Time	Received By ☐ Ice	Time

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

June 10, 2016

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

Work Order: 1605E49

TEL: (630) 654-2550
FAX:
RE: KILMER SCHOOL

Dear Bob Anderson:

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

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

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

Sincerely,

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

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

Case Narrative

Client: HYGIENEERING
Project: KILMER SCHOOL
WorkOrder: 1605E49
Temperature of samples upon receipt at lab: 22 C

Date: June 10, 2016
PO: 2016-2685
QC Level:
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:

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

Laboratory Results

Client: Hygieneering, Inc. **Report Date:** June 10, 2016
Project: KILMER SCHOOL **Workorder:** 1605E49

Client Sample ID: 655 HF113B **Matrix:** Drinking Water
Lab ID: 1605E49-001 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 6:15 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Copper	244	1,300	100		µg/L	1	5/20/2016 1:13 AM	36389
Lead	ND	15.0	5.00		µg/L	1	5/23/2016 1:58 PM	36389

Client Sample ID: 655 STLOUNGE **Matrix:** Drinking Water
Lab ID: 1605E49-002 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 6:20 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Copper	160	1,300	100		µg/L	1	5/20/2016 1:16 AM	36389
Lead	ND	15.0	5.00		µg/L	1	5/23/2016 2:16 PM	36389

Client Sample ID: 655 S BATHROOM **Matrix:** Drinking Water
Lab ID: 1605E49-003 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 6:22 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	5/20/2016 1:20 AM	36390
Lead	ND	15.0	5.00		µg/L	1	5/23/2016 2:19 PM	36390

Client Sample ID: 655 S KITCHEN **Matrix:** Drinking Water
Lab ID: 1605E49-004 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 6:25 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Copper	211	1,300	100		µg/L	1	5/20/2016 1:23 AM	36390

Rpt Ver: 6/10/2016 2:30 PM

SUBURBAN LABORATORIES, Inc.

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

Laboratory Results

Client: Hygieneering, Inc. **Report Date:** June 10, 2016

Project: KILMER SCHOOL **Workorder:** 1605E49

Client Sample ID: 655 S KITCHEN **Matrix:** Drinking Water

Lab ID: 1605E49-004 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 6:25 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/23/2016 2:22 PM	36390

SUBURBAN LABORATORIES, Inc.

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

Prep Dates

Client: Hygieneering, Inc.

Report Date: June 10, 2016
Revision v1

Project: KILMER SCHOOL

Workorder: 1605E49

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1605E49-001A	655 HF113B	5/17/2016 6:15 AM				
			36389	Turbidity Check		5/19/2016 11:30 AM
1605E49-002A	655 STLOUNGE	5/17/2016 6:20 AM				
			36389	Turbidity Check		5/19/2016 11:30 AM
1605E49-003A	655 S BATHROOM	5/17/2016 6:22 AM				
			36390	Turbidity Check		5/19/2016 11:31 AM
1605E49-004A	655 S KITCHEN	5/17/2016 6:25 AM				
			36390	Turbidity Check		5/19/2016 11:31 AM

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

Qualifier Definitions

Report Date: June 10, 2016

WorkOrder: 1605E49

Qualifiers:

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

SUBURBAN LABORATORIES, Inc.

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

CHAIN OF CUSTODY RECORD

Electronic Version

Page 1 of 1

Company Name	Hygieneering, Inc.
Company Address	7575 Plaza Ct.
City / State / Zip	Willowbrook / IL / 60527
Phone / Fax	(630) 654-2550 / ☐ Fax Report
Email Address	MSeymour@hygieneering.com
Project ID / Location	Kilmer School
Project Manager (Report to)	banderson@hygieneering.com
Sample Collector(s)	Matt Seymour

TURNAROUND TIME REQUESTED

☒ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed:

Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

Specify Regulatory Program: (Required) ☑ None/Info only

☐ LUST ☐ SRP ☐ SDWA

☐ 503 Sludge ☐ NPDES ☐ MWRDGC

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

ANALYSIS & METHOD REQUESTED

Enter an "X" in box below for request

PO No.	2016-2685
Shipping Method	
QC Reporting Level	☐ 1 ☐ 2 ☐ 3
LAB USE ONLY	
SLI Order No.	1605E49
Sample containers supplied by customer?	☐ Yes
Temperature of Received Samples	22 °C
Samples received within 24 hours of collection?	☐ Yes

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	655 - HF113B	5-17-16	6:15A	DW	G	1	8oz + P	HNO3	X				1A
2	655 - STLounge	↓	6:20A	DW	↓	↓	↓	↓	↓				2A
3	655 - SBathroom	↓	6:22A	↓	↓	↓	↓	↓	↓				3A
4	655 - SKitchen	↓	6:25A	↓	↓	↓	↓	↓	↓				4A
5													
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

PLEASE COMPLETE THE HIGHLIGHTED SECTIONS

-Drinking Water Regulations

-E-mail results to: MSeymour@hygieneering.com, banderson@hygieneering.com

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
Matt Seymour	5/17/16		5-17-16				
Received By	**Time**	**Received By**	**Time**	**Received By**	**Time**	**Received By**	**Time**
☐ Ice	12:00	☒ Ice	16:10	☐ Ice		☐ Ice	

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

May 25, 2016

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

Work Order: 1605F17

TEL: (630) 654-2550
FAX:
RE: LONDON MIDDLE SCHOOL

Dear Bob Anderson:

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

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

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

Sincerely,

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

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

Case Narrative

Client: HYGIENEERING
Project: LONDON MIDDLE SCHOOL
WorkOrder: 1605F17
Temperature of samples upon receipt at lab: 22 C

Date: May 25, 2016
PO: 2016-2685
QC Level:
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:
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- 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:

Rpt Ver: 5/25/2016 12:51 AM

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

Laboratory Results

Client: Hygieneering, Inc. **Report Date:** May 25, 2016
Project: LONDON MIDDLE SCHOOL **Workorder:** 1605F17

Client Sample ID: 1001 SNURSE317 **Matrix:** Drinking Water
Lab ID: 1605F17-001 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 9:10 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/20/2016 4:03 AM	36391

Client Sample ID: 1001 H FOUNTAIN S COMMONS B **Matrix:** Drinking Water
Lab ID: 1605F17-002 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 9:13 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/20/2016 4:20 AM	36391

Client Sample ID: 1001 S BATHROOM STAFF **Matrix:** Drinking Water
Lab ID: 1605F17-003 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 9:16 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/20/2016 4:23 AM	36391

Client Sample ID: 1001 S LOUNGE 423 **Matrix:** Drinking Water
Lab ID: 1605F17-004 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 9:19 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/20/2016 4:26 AM	36391

Rpt Ver: 5/25/2016 12:51 AM

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

Prep Dates

Client: Hygieneering, Inc.

Report Date: May 25, 2016
Original

Project: LONDON MIDDLE SCHOOL

Workorder: 1605F17

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1605F17-001A	1001 SNURSE317	5/17/2016 9:10 AM				
			36391	Turbidity Check		5/19/2016 11:32 AM
1605F17-002A	1001 H FOUNTAIN S COMMONS B	5/17/2016 9:13 AM				
			36391	Turbidity Check		5/19/2016 11:32 AM
1605F17-003A	1001 S BATHROOM STAFF	5/17/2016 9:16 AM				
			36391	Turbidity Check		5/19/2016 11:32 AM
1605F17-004A	1001 S LOUNGE 423	5/17/2016 9:19 AM				
			36391	Turbidity Check		5/19/2016 11:32 AM

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

Qualifier Definitions

Report Date: May 25, 2016

WorkOrder: 1605F17

Qualifiers:

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

SUBURBAN LABORATORIES, Inc.

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

CHAIN OF CUSTODY RECORD

Electronic Version

Page 1 of 1

Company Name	HYGIENEERING, INC
Company Address	7575 PLAZA CT.
City / State / Zip	WILLOWBROOK / IL / 60527
Phone / Fax	(630) 654-2550 / ☐ Fax Report
Email Address	mtyberg@hygieneering.com
Project ID / Location	LONDON MIDDLE SCHOOL
Project Manager (Report to)	BOB ANDERSON
Sample Collector(s)	MATT TYBERG

TURNAROUND TIME REQUESTED

☒ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed:

Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

Specify Regulatory Program: (Required) ☑ None/Info only

☐ LUST ☐ SRP ☐ SDWA

☐ 503 Sludge ☐ NPDES ☐ MWRDGC

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

ANALYSIS & METHOD REQUESTED

Enter an "X" in box below for request

PO No.	2016-2685
Shipping Method	
QC Reporting Level	☐ 1 ☐ 2 ☐ 3
LAB USE ONLY	
SLI Order No.	16051717
Sample containers supplied by customer?	☐ Yes
Temperature of Received Samples	22 °C
Samples received within 24 hours of collection?	☐ Yes

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	1001 - SNURSE317	5/17/16	910a	DW	G	1	8oz + P	HNO3	X				1A
2	1001 - 1FOUNTAIN S.COMMONS B		913a	DW									2A
3	1001 - S BATHROOM STAFF		916a										3A
4	1001 - S LOUNGE423		919a										4A
5													
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

PLEASE COMPLETE THE HIGHLIGHTED SECTIONS

- DRINKING WATER REGULATIONS
- E-MAIL RESULTS TO: mtyberg@hygieneering.com ; banderson@hygieneering.com

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	MATT TYBERG	Date	5/17/16	2. Relinquished By		Date	5-18-16
Received By		☐ Ice	Time	12:00	Received By	☐ Ice	Time 16:10
3. Relinquished By		Date		4. Relinquished By		Date	
Received By		☐ Ice	Time		Received By	☐ Ice	Time

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

June 10, 2016

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

Work Order: 1605F17

TEL: (630) 654-2550
FAX:
RE: LONDON MIDDLE SCHOOL

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

Sincerely,

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

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

Case Narrative

Client: HYGIENEERING
Project: LONDON MIDDLE SCHOOL
WorkOrder: 1605F17
Temperature of samples upon receipt at lab: 22 C

Date: June 10, 2016
PO: 2016-2685
QC Level:
Chain of Custody: EV

General Comments:
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- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
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- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Workorder Specific Comments:

SUBURBAN LABORATORIES, Inc.

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

Laboratory Results

Client: Hygieneering, Inc. **Report Date:** June 10, 2016

Project: LONDON MIDDLE SCHOOL **Workorder:** 1605F17

Client Sample ID: 1001 SNURSE317 **Matrix:** Drinking Water

Lab ID: 1605F17-001 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 9:10 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Copper	188	1,300	100		µg/L	1	5/20/2016 4:03 AM	36391
Lead	ND	15.0	5.00		µg/L	1	5/20/2016 4:03 AM	36391

Client Sample ID: 1001 H FOUNTAIN S COMMONS B **Matrix:** Drinking Water

Lab ID: 1605F17-002 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 9:13 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	5/20/2016 4:20 AM	36391
Lead	ND	15.0	5.00		µg/L	1	5/20/2016 4:20 AM	36391

Client Sample ID: 1001 S BATHROOM STAFF **Matrix:** Drinking Water

Lab ID: 1605F17-003 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 9:16 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Copper	142	1,300	100		µg/L	1	5/20/2016 4:23 AM	36391
Lead	ND	15.0	5.00		µg/L	1	5/20/2016 4:23 AM	36391

Client Sample ID: 1001 S LOUNGE 423 **Matrix:** Drinking Water

Lab ID: 1605F17-004 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 9:19 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Copper	214	1,300	100		µg/L	1	5/20/2016 4:26 AM	36391

SUBURBAN LABORATORIES, Inc.

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

Laboratory Results

Client: Hygieneering, Inc. **Report Date:** June 10, 2016

Project: LONDON MIDDLE SCHOOL **Workorder:** 1605F17

Client Sample ID: 1001 S LOUNGE 423 **Matrix:** Drinking Water

Lab ID: 1605F17-004 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 9:19 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/20/2016 4:26 AM	36391

Rpt Ver: 6/10/2016 2:06 PM

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

Prep Dates

Client: Hygieneering, Inc.

Report Date: June 10, 2016
Revision v1

Project: LONDON MIDDLE SCHOOL

Workorder: 1605F17

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1605F17-001A	1001 SNURSE317	5/17/2016 9:10 AM				
			36391	Turbidity Check		5/19/2016 11:32 AM
1605F17-002A	1001 H FOUNTAIN S COMMONS B	5/17/2016 9:13 AM				
			36391	Turbidity Check		5/19/2016 11:32 AM
1605F17-003A	1001 S BATHROOM STAFF	5/17/2016 9:16 AM				
			36391	Turbidity Check		5/19/2016 11:32 AM
1605F17-004A	1001 S LOUNGE 423	5/17/2016 9:19 AM				
			36391	Turbidity Check		5/19/2016 11:32 AM

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

Qualifier Definitions

Report Date: June 10, 2016

WorkOrder: 1605F17

Qualifiers:

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

SUBURBAN LABORATORIES, Inc.

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

CHAIN OF CUSTODY RECORD

Electronic Version

Page 1 of 1

Company Name	HYGIENEERING, INC
Company Address	7575 PLAZA CT.
City / State / Zip	WILLOWBROOK / IL / 60527
Phone / Fax	(630) 654-2550 / Fax Report ☐
Email Address	mtyberg@hygieneering.com
Project ID / Location	LONDON MIDDLE SCHOOL
Project Manager (Report to)	BOB ANDERSON
Sample Collector(s)	MATT TYBERG

TURNAROUND TIME REQUESTED

☒ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed:

Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

Specify Regulatory Program: (Required) ☑ None/Info only

☐ LUST ☐ SRP ☐ SDWA

☐ 503 Sludge ☐ NPDES ☐ MWRDGC

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

ANALYSIS & METHOD REQUESTED

Enter an "X" in box below for request

PO No.	2016-2685
Shipping Method	
QC Reporting Level	☐ 1 ☐ 2 ☐ 3
LAB USE ONLY	
SLI Order No.	16051717
Sample containers supplied by customer?	☐ Yes
Temperature of Received Samples	22 °C
Samples received within 24 hours of collection?	☐ Yes

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	1001 - SNURSE317	5/17/16	910a	DW	G	1	8oz + P	HNO3	X				1A
2	1001 - 1FOUNTAIN S.COMMONS B		913a	DW									2A
3	1001 - S BATHROOM STAFF		916a										3A
4	1001 - S LOUNGE423		919a										4A
5													
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

PLEASE COMPLETE THE HIGHLIGHTED SECTIONS

- DRINKING WATER REGULATIONS
- E-MAIL RESULTS TO: mtyberg@hygieneering.com ; banderson@hygieneering.com

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

	Date		Date		Date		Date
1. Relinquished By: MATT TYBERG	5/17/16	2. Relinquished By:	5-18-16	3. Relinquished By:		4. Relinquished By:	
Received By: ☐ Ice	Time 12:00	Received By: ☐ Ice	Time 16:10	Received By: ☐ Ice	Time	Received By: ☐ Ice	Time

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

May 25, 2016

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

Work Order: 1605F18

TEL: (630) 654-2550
FAX:
RE: ROBERT FROST ELEMENTARY

Dear Bob Anderson:

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

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

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

Sincerely,

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

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

Case Narrative

Client: HYGIENEERING
Project: ROBERT FROST ELEMENTARY
WorkOrder: 1605F18
Temperature of samples upon receipt at lab: 22 C

Date: May 25, 2016
PO: 2016-2685
QC Level:
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:

Rpt Ver: 5/25/2016 12:51 AM

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

Laboratory Results

Client: Hygieneering, Inc. **Report Date:** May 25, 2016
Project: ROBERT FROST ELEMENTARY **Workorder:** 1605F18

Client Sample ID: 1805 S KITCHEN A **Matrix:** Drinking Water
Lab ID: 1605F18-001 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 0:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/20/2016 4:30 AM	36391

Client Sample ID: 1805 S BATHROOM B **Matrix:** Drinking Water
Lab ID: 1605F18-002 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 0:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/20/2016 5:03 AM	36391

Client Sample ID: 1805 H FOUNTAIN 205 **Matrix:** Drinking Water
Lab ID: 1605F18-003 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 0:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/20/2016 5:06 AM	36391

Client Sample ID: 1805 S LOUNGE 122 **Matrix:** Drinking Water
Lab ID: 1605F18-004 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 0:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/20/2016 5:10 AM	36391

Rpt Ver: 5/25/2016 12:51 AM

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

Prep Dates

Client: Hygieneering, Inc.

Report Date: May 25, 2016
Original

Project: ROBERT FROST ELEMENTARY

Workorder: 1605F18

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1605F18-001A	1805 S KITCHEN A	5/17/2016 12:00 AM				
			36391	Turbidity Check		5/19/2016 11:32 AM
1605F18-002A	1805 S BATHROOM B	5/17/2016 12:00 AM				
			36391	Turbidity Check		5/19/2016 11:32 AM
1605F18-003A	1805 H FOUNTAIN 205	5/17/2016 12:00 AM				
			36391	Turbidity Check		5/19/2016 11:32 AM
1605F18-004A	1805 S LOUNGE 122	5/17/2016 12:00 AM				
			36391	Turbidity Check		5/19/2016 11:32 AM

Rpt Ver: 5/25/2016 12:51 AM

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

Qualifier Definitions

Report Date: May 25, 2016

WorkOrder: 1605F18

Qualifiers:

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

SUBURBAN LABORATORIES, Inc.

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

CHAIN OF CUSTODY RECORD

Electronic Version

Page 1 of 1

Page 6 of 6

Company Name	HYGIENEERING, INC
Company Address	7575 PLAZA CT.
City / State / Zip	WILLOWBROOK / IL / 60527
Phone / Fax	(630) 654-2550 / ☐ Fax Report
Email Address	mtyberg@hygieneering.com
Project ID / Location	ROBERT FROST ELEMENTARY
Project Manager (Report to)	BOB ANDERSON
Sample Collector(s)	MATT TYBERG

TURNAROUND TIME REQUESTED

☒ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed:

Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

Specify Regulatory Program: (Required) ☑ None/Info only

☐ LUST ☐ SRP ☐ SDWA

☐ 503 Sludge ☐ NPDES ☐ MWRDGC

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

ANALYSIS & METHOD REQUESTED

Enter an "X" in box below for request

PO No.	2016-2685
Shipping Method	
QC Reporting Level	☐ 1 ☐ 2 ☐ 3

LAB USE ONLY

SLI Order No.	1605F18
Sample containers supplied by customer?	☐ Yes
Temperature of Received Samples	22 °C
Samples received within 24 hours of collection?	☐ Yes

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	1805 - SKITCHEN A	5/17/16		DW	G	1	8oz + P	HNO3	X				1A
2	1805 - S BATHROOM B	↓		DW	↓	↓	↓	↓	↓				2A
3	1805 - H FOUNTAIN 205	↓		↓	↓	↓	↓	↓	↓				3A
4	1805 - S LOUNGE 122	↓		↓	↓	↓	↓	↓	↓				4A
5													
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

PLEASE COMPLETE THE HIGHLIGHTED SECTIONS

- DRINKING WATER REGULATIONS
- E-MAIL RESULTS TO: mtyberg@hygieneering.com ; banderson@hygieneering.com

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	MATT TYBERG	Date	5/17/16	2. Relinquished By		Date	5-18-16
Received By		☐ Ice	Time 12:00	Received By		☒ Ice	Time 16:10
3. Relinquished By		Date		4. Relinquished By		Date	
Received By		☐ Ice	Time	Received By		☐ Ice	Time

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

June 10, 2016

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

Work Order: 1605F18

TEL: (630) 654-2550
FAX:
RE: ROBERT FROST ELEMENTARY

Dear Bob Anderson:

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

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

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

Sincerely,

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

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

Case Narrative

Client: HYGIENEERING
Project: ROBERT FROST ELEMENTARY
WorkOrder: 1605F18
Temperature of samples upon receipt at lab: 22 C

Date: June 10, 2016
PO: 2016-2685
QC Level:
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:

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

Laboratory Results

Client: Hygieneering, Inc. **Report Date:** June 10, 2016
Project: ROBERT FROST ELEMENTARY **Workorder:** 1605F18

Client Sample ID: 1805 S KITCHEN A **Matrix:** Drinking Water
Lab ID: 1605F18-001 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 0:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Copper	124	1,300	100		µg/L	1	5/20/2016 4:30 AM	36391
Lead	ND	15.0	5.00		µg/L	1	5/20/2016 4:30 AM	36391

Client Sample ID: 1805 S BATHROOM B **Matrix:** Drinking Water
Lab ID: 1605F18-002 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 0:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	5/20/2016 5:03 AM	36391
Lead	ND	15.0	5.00		µg/L	1	5/20/2016 5:03 AM	36391

Client Sample ID: 1805 H FOUNTAIN 205 **Matrix:** Drinking Water
Lab ID: 1605F18-003 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 0:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	5/20/2016 5:06 AM	36391
Lead	ND	15.0	5.00		µg/L	1	5/20/2016 5:06 AM	36391

Client Sample ID: 1805 S LOUNGE 122 **Matrix:** Drinking Water
Lab ID: 1605F18-004 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 0:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Copper	123	1,300	100		µg/L	1	5/20/2016 5:10 AM	36391

Rpt Ver: 6/10/2016 2:04 PM

SUBURBAN LABORATORIES, Inc.

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

Laboratory Results

Client: Hygieneering, Inc. **Report Date:** June 10, 2016

Project: ROBERT FROST ELEMENTARY **Workorder:** 1605F18

Client Sample ID: 1805 S LOUNGE 122 **Matrix:** Drinking Water

Lab ID: 1605F18-004 **Date Received:** 5/18/2016 16:10 PM **Collection Date:** 5/17/2016 0:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	5/20/2016 5:10 AM	36391

Rpt Ver: 6/10/2016 2:04 PM

SUBURBAN LABORATORIES, Inc.

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

Prep Dates

Client: Hygieneering, Inc.

Report Date: June 10, 2016
Revision v1

Project: ROBERT FROST ELEMENTARY

Workorder: 1605F18

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1605F18-001A	1805 S KITCHEN A	5/17/2016 12:00 AM				
			36391	Turbidity Check		5/19/2016 11:32 AM
1605F18-002A	1805 S BATHROOM B	5/17/2016 12:00 AM				
			36391	Turbidity Check		5/19/2016 11:32 AM
1605F18-003A	1805 H FOUNTAIN 205	5/17/2016 12:00 AM				
			36391	Turbidity Check		5/19/2016 11:32 AM
1605F18-004A	1805 S LOUNGE 122	5/17/2016 12:00 AM				
			36391	Turbidity Check		5/19/2016 11:32 AM

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

Qualifier Definitions

Report Date: June 10, 2016

WorkOrder: 1605F18

Qualifiers:

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

SUBURBAN LABORATORIES, Inc.

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

CHAIN OF CUSTODY RECORD

Electronic Version

Company Name: HYGIENEERING, INC

Company Address: 7575 PLAZA CT.

City: WILLOWBROOK State: IL Zip: 60527

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

Email Address: mtyberg@hygieneering.com

Project ID / Location: ROBERT FROST ELEMENTARY

Project Manager (Report to): BOB ANDERSON

Sample Collector(s): MATT TYBERG

TURNAROUND TIME REQUESTED

☒ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed:

Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

Specify Regulatory Program: (Required) ☑ None/Info only

☐ LUST ☐ SRP ☐ SDWA

☐ 503 Sludge ☐ NPDES ☐ MWRDGC

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

ANALYSIS & METHOD REQUESTED

Enter an "X" in box below for request

Page 1 of 1

PO No. 2016-2685

Shipping Method

QC Reporting Level ☐ 1 ☐ 2 ☐ 3

LAB USE ONLY

SLI Order No. 1605F18

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples 22 °C

Samples received within 24 hours of collection? ☐ Yes

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	1805 - SKITCHEN A	5/17/16		DW	G	1	8oz + P	HNO3	X				1A
2	1805 - S BATHROOM B	↓		DW	↓	↓	↓	↓	↓				2A
3	1805 - H FOUNTAIN 205	↓		↓	↓	↓	↓	↓	↓				3A
4	1805 - S LOUNGE 122	↓		↓	↓	↓	↓	↓	↓				4A
5													
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

PLEASE COMPLETE THE HIGHLIGHTED SECTIONS

- DRINKING WATER REGULATIONS
- E-MAIL RESULTS TO: mtyberg@hygieneering.com ; banderson@hygieneering.com

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
MATT TYBERG	5/17/16		5-18-16				
Received By ☐ Ice	Time 12:00	Received By ☒ Ice	Time 16:10	Received By ☐ Ice	Time	Received By ☐ Ice	Time

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

June 06, 2016

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

Work Order: 1606006

TEL: (630) 654-2550
FAX:
RE: Longfellow School

Dear Valerie Hofmann:

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

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

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

Sincerely,

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

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

Case Narrative

Client: HYGIENEERING
Project: Longfellow School
WorkOrder: 1606006
Temperature of samples upon receipt at lab: 22 C

Date: June 06, 2016
PO:
QC Level:
Chain of Custody: 131410

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:

Rpt Ver: 6/6/2016 11:59 AM

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

Laboratory Results

Client: Hygieneering, Inc. **Report Date:** June 06, 2016
Project: Longfellow School **Workorder:** 1606006

Client Sample ID: 501-105-S-I **Matrix:** Drinking Water
Lab ID: 1606006-001 **Date Received:** 6/1/2016 8:41 AM **Collection Date:** 6/1/2016 0:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	5.70	15.0	5.00		µg/L	1	6/4/2016 9:27 AM	36735

Client Sample ID: 501-105-S-F **Matrix:** Drinking Water
Lab ID: 1606006-002 **Date Received:** 6/1/2016 8:41 AM **Collection Date:** 6/1/2016 0:00 AM

Parameter	Result	MCL	Report Limit	Qual	Units	DF	Date Analyzed	BatchID
METALS by ICPMS	Method: EPA-200 8-5 4, 1994						Analyst: jmk	
Lead	ND	15.0	5.00		µg/L	1	6/4/2016 9:30 AM	36735

Rpt Ver: 6/6/2016 11:59 AM

SUBURBAN LABORATORIES, Inc.

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

Prep Dates

Client: Hygieneering, Inc.

Report Date: June 06, 2016
Original

Project: Longfellow School

Workorder: 1606006

Sample ID	Client Sample ID	Collection Date	Prep Batch	Prep Test Name	Leachate Date	Prep Date
1606006-001A	501-105-S-I	6/1/2016 12:00 AM				
			36735	Turbidity Check		6/2/2016 11:39 AM
1606006-002A	501-105-S-F	6/1/2016 12:00 AM				
			36735	Turbidity Check		6/2/2016 11:39 AM

Rpt Ver: 6/6/2016 11:59 AM

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

Qualifier Definitions

Report Date: June 06, 2016

WorkOrder: 1606006

Qualifiers:

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

SUBURBAN LABORATORIES, Inc.

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

CHAIN OF CUSTODY RECORD

131410

Company Name: HYGIENEERING

Company Address: 575 PLAZA CT.

City: WILLOW BROOK State: IL Zip: 60527

Phone: 630 654 2550 Fax: ☐ Fax Report

Email Address: BANDERSON@HYGIENEERING.COM Final Report will be emailed

Project ID / Location: LONGFELLOW SCHOOL

Project Manager (Report to):

Sample Collector(s) Name: BOB

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

LEAD

Page of

PO No.

Shipping Method

Reporting Level (at additional charge) 1 2 3 4

LAB USE ONLY

SLI ORDER No. 16060016

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	R	Condition	Split	LAB #
1	501-105-S-I	6/1/16		HNO_3	✓			HNO_3				1A
2	501-105-S-F	6/1/16		↓	✓							2A
3		/ /										
4		/ /										
5		/ /										
6		/ /										
7		/ /										
8		/ /										
9		/ /										
10		/ /										
11		/ /										
12		/ /										

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** 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
BOB ANDERSON	6-1-16						
Received By ☐ Ice present	Time 08:41	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

June 24, 2016

Workorder: 1606H10

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

TEL: (630) 654-2550
FAX:
RE: TARKINGTON SCHOOL DRINKING WATER COPPER ANALYSIS

Dear Bob Anderson:

Suburban Laboratories, Inc. received 5 sample(s) on 5/18/2016 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
Customer Service Manager
708-544-3260 ext 214
pat@suburbanlabs.com

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

Case Narrative

Client: Hygieneering, Inc.
Date: June 24, 2016
Project: TARKINGTON SCHOOL DRINKING WATE
PO #: 2016-2685
WorkOrder: 1606H10
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:** June 24, 2016
Project Name: TARKINGTON SCHOOL DRINKING WATER **Workorder:** 1606H10

Client Sample ID: 310 S 124A **Matrix:** DRINKING WATER
Lab ID: 1606H10-001 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 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	06/21/2016 2:55 PM	37286

Client Sample ID: 310 S T LOUNGE **Matrix:** DRINKING WATER
Lab ID: 1606H10-002 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 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	ND	1,300	100		µg/L	1	06/21/2016 2:59 PM	37286

Client Sample ID: 310 S HEALTH **Matrix:** DRINKING WATER
Lab ID: 1606H10-003 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 8:20 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	06/21/2016 3:02 PM	37286

Client Sample ID: 310 HF LMC **Matrix:** DRINKING WATER
Lab ID: 1606H10-004 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 8:25 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	06/21/2016 3:06 PM	37286

Created: 6/24/2016 6:41:33 AM

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

Laboratory Results

Client ID: Hygieneering, Inc.
Project Name: TARKINGTON SCHOOL DRINKING WATER

Report Date: June 24, 2016
Workorder: 1606H10

Client Sample ID: 310 S BATHROOM
Lab ID: 1606H10-005
Date Received: 05/18/2016 4:10 PM

Matrix: DRINKING WATER
Collection Date: 05/17/2016 8:30 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	268	1,300	100		µg/L	1	06/21/2016 3:09 PM	37286

Created: 6/24/2016 6:41:33 AM

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Project: TARKINGTON SCHOOL DRINK

Report Date: June 24, 2016
Lab Order: 1606H10

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1606H10-001A	5/17/2016 8:10:00 A	37286	TURB_METALS	Turbidity Check		6/21/2016
1606H10-002A	5/17/2016 8:15:00 A	37286	TURB_METALS	Turbidity Check		6/21/2016
1606H10-003A	5/17/2016 8:20:00 A	37286	TURB_METALS	Turbidity Check		6/21/2016
1606H10-004A	5/17/2016 8:25:00 A	37286	TURB_METALS	Turbidity Check		6/21/2016
1606H10-005A	5/17/2016 8:30:00 A	37286	TURB_METALS	Turbidity Check		6/21/2016

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

Qualifier Definitions

WO#: **1606H10**
Date: **6/24/2016**

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

Electronic Version

Company Name: Hygieneering, Inc.
Company Address: 7575 Plaza Ct.
City: Willowbrook State: IL Zip: 60527
Phone: (630) 654-2550 Fax: ☐ Fax Report
Email Address: MSeymour@hygieneering.com
Project ID / Location: Tarkington School
Project Manager (Report to): banderson@hygieneering.com
Sample Collector(s): Matt Seymour

TURNAROUND TIME REQUESTED

☒ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed:

Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

Specify Regulatory Program: (Required) ☑ None/Info only

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

ANALYSIS & METHOD REQUESTED

Enter an "X" in box below for request

Page 1 of 1

PO No. 2016-2685

Shipping Method

QC Reporting Level ☐ 1 ☐ 2 ☐ 3

LAB USE ONLY

SLI Order No. 1605E41

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples 22 °C

Samples received within 24 hours of collection? ☐ Yes

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	310-S124A	5-17-16	8:10A	DW	G	1	8oz + P	HNO3	X				1A
2	310-STLounge	↓	8:15A	DW	↓	↓	↓	↓	↓				2A
3	310-SHealth		8:20A	↓									3A
4	310-HFLMC		8:25A	↓									4A
5	310-SBathroom		8:30A										8A
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) CONTAINER: 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) PRESERVATIVE: H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

PLEASE COMPLETE THE HIGHLIGHTED SECTIONS
-Drinking Water Regulations
-E-mail results to: MSeymour@hygieneering.com, banderson@hygieneering.com

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
Matt Seymour	5/17/16		5-19-16				
Received By ☐ Ice	Time 12:00	Received By ☒ Ice	Time 16:10	Received By ☐ Ice	Time	Received By ☐ Ice	Time

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

June 24, 2016

Workorder: 1606H13

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

TEL: (630) 654-2550
FAX:
RE: TWAIN ELEMENTARY SCHOOL DRINKING WATER COPPER ANALYSIS

Dear Bob Anderson:

Suburban Laboratories, Inc. received 3 sample(s) on 5/18/2016 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
Customer Service Manager
708-544-3260 ext 214
pat@suburbanlabs.com

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

Case Narrative

Client: Hygieneering, Inc.
Date: June 24, 2016
Project: TWAIN ELEMENTARY SCHOOL DRINKIN
PO #: 2016-2685
WorkOrder: 1606H13
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:** June 24, 2016
Project Name: TWAIN ELEMENTARY SCHOOL DRINKING **Workorder:** 1606H13

Client Sample ID: 515 S KITCHEN **Matrix:** DRINKING WATER
Lab ID: 1606H13-001 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 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	148	1,300	100		µg/L	1	06/21/2016 3:23 PM	37286

Client Sample ID: 515 H FOUNTAIN MUSIC HALL B **Matrix:** DRINKING WATER
Lab ID: 1606H13-003 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 8:21 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	165	1,300	100		µg/L	1	06/21/2016 3:44 PM	37286

Client Sample ID: 515 S LOUNGE 135 **Matrix:** DRINKING WATER
Lab ID: 1606H13-004 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 8:24 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	149	1,300	100		µg/L	1	06/21/2016 3:48 PM	37286

Created: 6/24/2016 6:42:31 AM

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Project: TWAIN ELEMENTARY SCHOO

Report Date: June 24, 2016
Lab Order: 1606H13

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1606H13-001A	5/17/2016 8:15:00 A	37286	TURB_METALS	Turbidity Check		6/21/2016
1606H13-003A	5/17/2016 8:21:00 A	37286	TURB_METALS	Turbidity Check		6/21/2016
1606H13-004A	5/17/2016 8:24:00 A	37286	TURB_METALS	Turbidity Check		6/21/2016

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

Qualifier Definitions

WO#: **1606H13**
Date: **6/24/2016**

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

Electronic Version

Company Name: HYGIENEERING, INC
Company Address: 7575 PLAZA CT.
City: WILLOWBROOK State: IL Zip: 60527
Phone: (630) 654-2550 Fax: ☐ Fax Report
Email Address: mtyberg@hygieneering.com
Project ID / Location: TWAIN ELEMENTARY SCHOOL
Project Manager (Report to): BOB ANDERSON
Sample Collector(s): MATT TYBERG

TURNAROUND TIME REQUESTED

☒ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed:

Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

Specify Regulatory Program: (Required) ☑ None/Info only

☐ LUST ☐ SRP ☐ SDWA

☐ 503 Sludge ☐ NPDES ☐ MWRDGC

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

ANALYSIS & METHOD REQUESTED

Enter an "X" in box below for request

Page 1 of 1 Page 6 of 6

PO No. 2016-2685

Shipping Method

QC Reporting Level ☐ 1 ☐ 2 ☐ 3

LAB USE ONLY

SLI Order No. 160SE40

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples: 22 °C

Samples received within 24 hours of collection? ☐ Yes

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	515 - SKITCHEN	5/17/16	815a	DW	G	1	80z + P	HNO3	X				1A
2	515 - SBATHROOM D	↓	815a	DW	↓	↓	↓	↓	↓				2A
3	515 - HFOUNTAIN MUSIC HALL B	↓	821a	↓	↓	↓	↓	↓	↓				3A
4	515 - SLOUNGE135	↓	824a	↓	↓	↓	↓	↓	↓				4A
5													
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

PLEASE COMPLETE THE HIGHLIGHTED SECTIONS

- DRINKING WATER REGULATIONS
- E-MAIL RESULTS TO: mtyberg@hygieneering.com , banderson@hygieneering.com

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
MATT TYBERG	5/17/16		5-18-16				
Received By ☐ Ice	Time 12:00	Received By ☒ Ice	Time 16:10	Received By ☐ Ice	Time	Received By ☐ Ice	Time

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

June 24, 2016

Workorder: 1606H16

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

TEL: (630) 654-2550
FAX:

RE: EUGENE FIELD SCHOOL DRINKING WATER COPPER ANALYSIS

Dear Bob Anderson:

Suburban Laboratories, Inc. received 2 sample(s) on 5/18/2016 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
Customer Service Manager
708-544-3260 ext 214
pat@suburbanlabs.com

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

Case Narrative

Client: Hygieneering, Inc.
Date: June 24, 2016
Project: EUGENE FIELD SCHOOL DRINKING WAT
PO #: 2016-2685
WorkOrder: 1606H16
QC Level:
Temperature of samples upon receipt at SLI: 22 C
Chain of Custody #: ELEC

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: June 24, 2016
Project Name: EUGENE FIELD SCHOOL DRINKING WATE
Workorder: 1606H16

Client Sample ID: 51 S KITCHEN A
Matrix: DRINKING WATER
Lab ID: 1606H16-001
Date Received: 05/18/2016 4:10 PM
Collection Date: 05/17/2016 8:39 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	105	1,300	100		µg/L	1	06/21/2016 3:51 PM	37286

Client Sample ID: 51 S LOUNGE
Matrix: DRINKING WATER
Lab ID: 1606H16-004
Date Received: 05/18/2016 4:10 PM
Collection Date: 05/17/2016 8:52 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	116	1,300	100		µg/L	1	06/21/2016 4:05 PM	37286

Created: 6/24/2016 6:43:32 AM

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Project: EUGENE FIELD SCHOOL DRIN

Report Date: June 24, 2016
Lab Order: **1606H16**

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1606H16-001A	5/17/2016 8:39:00 A	37286	TURB_METALS	Turbidity Check		6/21/2016
1606H16-004A	5/17/2016 8:52:00 A	37286	TURB_METALS	Turbidity Check		6/21/2016

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

Qualifier Definitions

WO#: **1606H16**
Date: **6/24/2016**

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

Electronic Version

Company Name: HYGIENEERING, INC
Company Address: 7575 PLAZA CT.
City: WILLOWBROOK State: IL Zip: 60527
Phone: (630) 654-2550 Fax: ☐ Fax Report
Email Address: mtyberg@hygieneering.com
Project ID / Location: EUGENE FIELD SCHOOL
Project Manager (Report to): BOB ANDERSON
Sample Collector(s): MATT TYBERG

TURNAROUND TIME REQUESTED
☒ Normal ☐ RUSH* *Additional Rush Charges Approved.
*Date & Time Needed:
Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

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

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

Page 1 of 1 Page 1 of 6
PO No. 2016-2685
Shipping Method
QC Reporting Level ☐ 1 ☐ 2 ☐ 3

LAB USE ONLY
SLI Order No. 1605E39
Sample containers supplied by customer? ☐ Yes
Temperature of Received Samples: 2.2 °C
Samples received within 24 hours of collection? ☐ Yes

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	S1-S KITCHEN A	5/17/16	834a	DW	G	1	8oz + P	HNO3	X				1A
2	S1-S BATHROOM A		842a	DW									2A
3	S2-S 1ST FOUNTAIN JOSB		846a										3A
4	S1-S LOUNGE		852a										4A
5													
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:
PLEASE COMPLETE THE HIGHLIGHTED SECTIONS
- DRINKING WATER REGULATIONS
- E-MAIL RESULTS TO: mtyberg@hygieneering.com ; banderson@hygieneering.com

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
MATT TYBERG	5/17/16		5-18-16				
Received By ☐ Ice	Time 12:00	Received By ☒ Ice	Time 16:10	Received By ☐ Ice	Time	Received By ☐ Ice	Time

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

June 24, 2016

Workorder: 1606H20

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

TEL: (630) 654-2550
FAX:

RE: HAWTHORNE EARLY CHILDHOOD SCHOOL DRINKING WATER COPPER ANALYSIS

Dear Bob Anderson:

Suburban Laboratories, Inc. received 2 sample(s) on 5/18/2016 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
Customer Service Manager
708-544-3260 ext 214
pat@suburbanlabs.com

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

Case Narrative

Client: Hygieneering, Inc.
Date: June 24, 2016
Project: HAWTHORNE EARLY CHILDHOOD SCHO
PO #: 2016-2685
WorkOrder: 1606H20
QC Level:
Temperature of samples upon receipt at SLI: 22 C
Chain of Custody #: ELEC

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.
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Abbreviations:
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- 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: June 24, 2016
Project Name: HAWTHORNE EARLY CHILDHOOD SCHOO
Workorder: 1606H20

Client Sample ID: 200 H FOUNTAIN 105B
Matrix: DRINKING WATER
Lab ID: 1606H20-001
Date Received: 05/18/2016 4:10 PM
Collection Date: 05/17/2016 7:44 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	489	1,300	100		µg/L	1	06/21/2016 4:09 PM	37286

Client Sample ID: 200 S BATHROOM
Matrix: DRINKING WATER
Lab ID: 1606H20-002
Date Received: 05/18/2016 4:10 PM
Collection Date: 05/17/2016 7:48 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	125	1,300	100		µg/L	1	06/21/2016 4:12 PM	37286

Created: 6/24/2016 6:44:33 AM

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Project: HAWTHORNE EARLY CHILDH

Report Date: June 24, 2016
Lab Order: **1606H20**

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1606H20-001A	5/17/2016 7:44:00 A	37286	TURB_METALS	Turbidity Check		6/21/2016
1606H20-002A	5/17/2016 7:48:00 A	37286	TURB_METALS	Turbidity Check		6/21/2016

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

Qualifier Definitions

WO#: **1606H20**
Date: **6/24/2016**

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

Electronic Version

Company Name: HYGIENEERING, INC
Company Address: 7575 PLAZA CT.
City: WILLOWBROOK State: IL Zip: 60527
Phone: (630) 654-2550 Fax: ☐ Fax Report
Email Address: mtyberg@hygieneering.com
Project ID / Location: HAWTHORNE EARLY CHILDHOOD SCHOOL
Project Manager (Report to): BOB ANDERSON
Sample Collector(s): MATT TYBERG

TURNAROUND TIME REQUESTED
☒ Normal ☐ RUSH* *Additional Rush Charges Approved.
*Date & Time Needed:
Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

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

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

Page 1 of 1 Page 1 of 6
PO No. 2016-1685
Shipping Method
QC Reporting Level ☐ 1 ☐ 2 ☐ 3
LAB USE ONLY
SLI Order No. 1605E37
Sample containers supplied by customer? ☐ Yes
Temperature of Received Samples 22 °C
Samples received within 24 hours of collection? ☐ Yes

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	200-HFOUNTAIN105B	5/17/16	744a	DW	G	1	8oz + P	HNO3	X				1A
2	200-SBATHROOM	↓	748a	DW	↓	↓	↓	↓	↓				2A
3	200-HFOUNTAIN 207A	↓	751a	↓	↓	↓	↓	↓	↓				3A
4	200-SLOUNGE B	↓	754a	↓	↓	↓	↓	↓	↓				4A
5													
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:
PLEASE COMPLETE THE HIGHLIGHTED SECTIONS
- DRINKING WATER REGULATIONS
- E-MAIL RESULTS TO: mtyberg@hygieneering.com ; banderson@hygieneering.com

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
MATT TYBERG	5/17/16		5-18-16				
Received By ☐ Ice	Time 12:00	Received By ☒ Ice	Time 16:10	Received By ☐ Ice	Time	Received By ☐ Ice	Time

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

June 24, 2016

Workorder: 1606H22

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

TEL: (630) 654-2550
FAX:

RE: WALT WHITMAN SCHOOL DRINKING WATER COPPER ANALYSIS

Dear Bob Anderson:

Suburban Laboratories, Inc. received 2 sample(s) on 5/18/2016 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
Customer Service Manager
708-544-3260 ext 214
pat@suburbanlabs.com

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

Case Narrative

Client: Hygieneering, Inc.
Date: June 24, 2016
Project: WALT WHITMAN SCHOOL DRINKING WA
PO #: 2016-2685
WorkOrder: 1606H22
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.
Project Name: WALT WHITMAN SCHOOL DRINKING WA

Report Date: June 24, 2016
Workorder: 1606H22

Client Sample ID: 133 S KITCHEN 123
Lab ID: 1606H22-001 **Date Received:** 05/18/2016 4:10 PM

Matrix: DRINKING WATER
Collection Date: 05/17/2016 7:03 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	116	1,300	100		µg/L	1	06/21/2016 4:16 PM	37286

Client Sample ID: 133 S LOUNGE 108
Lab ID: 1606H22-004 **Date Received:** 05/18/2016 4:10 PM

Matrix: DRINKING WATER
Collection Date: 05/17/2016 7:12 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	271	1,300	100		µg/L	1	06/21/2016 4:19 PM	37286

Created: 6/24/2016 6:45:34 AM

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Project: WALT WHITMAN SCHOOL DR

Report Date: June 24, 2016
Lab Order: **1606H22**

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1606H22-001A	5/17/2016 7:03:00 A	37286	TURB_METALS	Turbidity Check		6/21/2016
1606H22-004A	5/17/2016 7:12:00 A	37286	TURB_METALS	Turbidity Check		6/21/2016

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

Qualifier Definitions

WO#: **1606H22**
Date: **6/24/2016**

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

Electronic Version

Company Name: HYGIENEERING, INC
Company Address: 7575 PLAZA CT.
City: WILLOWBROOK State: IL Zip: 60527
Phone: (630) 654-2550 Fax: ☐ Fax Report
Email Address: mtyberg@hygieneering.com
Project ID / Location: WALT WHITMAN SCHOOL
Project Manager (Report to): BOB ANDERSON
Sample Collector(s): MATT TYBERG

TURNAROUND TIME REQUESTED
☒ Normal ☐ RUSH* *Additional Rush Charges Approved.
*Date & Time Needed:
Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

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

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

Page 1 of 1 Page 1 of 6
PO No. 2016-2685
Shipping Method
QC Reporting Level ☐ 1 ☐ 2 ☐ 3

LAB USE ONLY
SLI Order No. 1605E36
Sample containers supplied by customer? ☐ Yes
Temperature of Received Samples 22 °C
Samples received within 24 hours of collection? ☐ Yes

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	133 - SKITCHEN 123	5/17/16	703a	DW	G	1	8oz + P	HNO3	X				1A
2	133 - SBATHROOM A		707a	DW									2A
3	133 - 1st FOUNTAIN LRCA		709a										3A
4	133 - SLOUNGE108		712a										4A
5													
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:
PLEASE COMPLETE THE HIGHLIGHTED SECTIONS
- DRINKING WATER REGULATIONS
- E-MAIL RESULTS TO: mtyberg@hygieneering.com ; banderson@hygieneering.com

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
MATT TYBERG	5/17/16		5-18-16				
Received By ☐ Ice	Time 12:00	Received By ☒ Ice	Time 16:10	Received By ☐ Ice	Time	Received By ☐ Ice	Time

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

June 24, 2016

Workorder: 1606H27

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

TEL: (630) 654-2550
FAX:

RE: HOLMES MIDDLE SCHOOL DRINKING WATER COPPER ANALYSIS

Dear Bob Anderson:

Suburban Laboratories, Inc. received 4 sample(s) on 5/18/2016 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
Customer Service Manager
708-544-3260 ext 214
pat@suburbanlabs.com

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

Case Narrative

Client: Hygieneering, Inc.
Date: June 24, 2016
Project: HOLMES MIDDLE SCHOOL DRINKING WA
PO #: 2016-2685
WorkOrder: 1606H27
QC Level:
Temperature of samples upon receipt at SLI: 22 C
Chain of Custody #: ELEC

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:** June 24, 2016
Project Name: HOLMES MIDDLE SCHOOL DRINKING WA **Workorder:** 1606H27

Client Sample ID: 221 S KITCHEN A **Matrix:** DRINKING WATER
Lab ID: 1606H27-001 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 6:40 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	129	1,300	100		µg/L	1	06/21/2016 4:23 PM	37286

Client Sample ID: 221 S BATHROOM D **Matrix:** DRINKING WATER
Lab ID: 1606H27-002 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 6:43 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	121	1,300	100		µg/L	1	06/21/2016 4:26 PM	37286

Client Sample ID: 221 H FOUNTAIN 204 **Matrix:** DRINKING WATER
Lab ID: 1606H27-003 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 6:55 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	109	1,300	100		µg/L	1	06/21/2016 4:30 PM	37286

Client Sample ID: 221 S LOUNGE **Matrix:** DRINKING WATER
Lab ID: 1606H27-004 **Date Received:** 05/18/2016 4:10 PM **Collection Date:** 05/17/2016 6:49 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	06/21/2016 4:47 PM	37286

Created: 6/24/2016 6:46:28 AM

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Project: HOLMES MIDDLE SCHOOL DR

Report Date: June 24, 2016
Lab Order: 1606H27

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1606H27-001A	5/17/2016 6:40:00 A	37286	TURB_METALS	Turbidity Check		6/21/2016
1606H27-002A	5/17/2016 6:43:00 A	37286	TURB_METALS	Turbidity Check		6/21/2016
1606H27-003A	5/17/2016 6:55:00 A	37286	TURB_METALS	Turbidity Check		6/21/2016
1606H27-004A	5/17/2016 6:49:00 A	37286	TURB_METALS	Turbidity Check		6/21/2016

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

Qualifier Definitions

WO#: **1606H27**
Date: **6/24/2016**

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

Electronic Version

Page 1 of 1 Page 6 of 6

PO No. 2016-2685

Shipping Method

QC Reporting Level ☐ 1 ☐ 2 ☐ 3

LAB USE ONLY

SLI Order No. 1605E35

Sample containers supplied by customer? ☐ Yes

Temperature of Received Samples 22 °C

Samples received within 24 hours of collection? ☐ Yes

Company Name: HYGIENEERING, INC

Company Address: 7575 PLAZA CT.

City: WILLOWBROOK State: IL Zip: 60527

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

Email Address: mtyberg@hygieneering.com

Project ID / Location: HOLMES MIDDLE SCHOOL

Project Manager (Report to): BOB ANDERSON

Sample Collector(s): MATT TYBERG

TURNAROUND TIME REQUESTED

☒ Normal ☐ RUSH* *Additional Rush Charges Approved.

*Date & Time Needed:

Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

Specify Regulatory Program: (Required) ☑ None/Info only

☐ LUST ☐ SRP ☐ SDWA

☐ 503 Sludge ☐ NPDES ☐ MWRDGC

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

ANALYSIS & METHOD REQUESTED

Enter an "X" in box below for request

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	221-S KITCHEN A	5/17/16	640a	DW	G	1	8oz + P	HNO3	X				1A
2	221-S BATHROOM D	↓	643a	DW	↓	↓	↓	↓	↓				2A
3	221-H FOUNTAIN 204	↓	655a	↓	↓	↓	↓	↓	↓				3A
4	221-S LOUNGE	↓	649a	↓	↓	↓	↓	↓	↓				4A
5													
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

PLEASE COMPLETE THE HIGHLIGHTED SECTIONS

- DRINKING WATER REGULATIONS
- E-MAIL RESULTS TO: mtyberg@hygieneering.com, banderson@hygieneering.com

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
MATT TYBERG	5/17/16		5-18-16				
Received By ☐ Ice	Time 12:00	Received By ☐ Ice	Time 16:10	Received By ☐ Ice	Time	Received By ☐ Ice	Time

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.

SUBURBAN LABORATORIES, Inc.

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

June 24, 2016

Workorder: 1606H43

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

TEL: (630) 654-2550
FAX:
RE: GILL ADMINISTRATION BLDG DRINKING WATER COPPER ANALYSIS

Dear Bob Anderson:

Suburban Laboratories, Inc. received 1 sample(s) on 5/18/2016 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
Customer Service Manager
708-544-3260 ext 214
pat@suburbanlabs.com

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

Case Narrative

Client: Hygieneering, Inc.
Date: June 24, 2016
Project: GILL ADMINISTRATION BLDG DRINKING
PO #: 2016-2685
WorkOrder: 1606H43
QC Level:
Temperature of samples upon receipt at SLI: 22 C
Chain of Custody #: ELEC

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.
Project Name: GILL ADMINISTRATION BLDG DRINKING

Report Date: June 24, 2016
Workorder: **1606H43**

Client Sample ID: **999 S BATHROOM HR B**
Lab ID: 1606H43-002 **Date Received:** 05/18/2016 4:10 PM

Matrix: DRINKING WATER
Collection Date: 05/17/2016 9:36 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	285	1,300	100		µg/L	1	06/21/2016 4:51 PM	37286

Created: 6/24/2016 6:47:39 AM

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

PREP DATES REPORT

Client: Hygieneering, Inc.
Project: GILL ADMINISTRATION BLDG

Report Date: June 24, 2016
Lab Order: **1606H43**

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1606H43-002A	5/17/2016 9:36:00 A	37286	TURB_METALS	Turbidity Check		6/21/2016

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

Qualifier Definitions

WO#: **1606H43**
Date: **6/24/2016**

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

Electronic Version

Company Name: HYGIENEERING, INC
Company Address: 7575 PLAZA CT.
City: WILLOWBROOK State: IL Zip: 60527
Phone: (630) 654-2550 Fax: ☐ Fax Report
Email Address: mtyberg@hygieneering.com
Project ID / Location: GILL ADMINISTRATION BUILDING
Project Manager (Report to): BOB ANDERSON
Sample Collector(s): MATT TYBERG

TURNAROUND TIME REQUESTED
☒ Normal ☐ RUSH* *Additional Rush Charges Approved.
*Date & Time Needed:
Normal TAT is 5-7 work days for most work. Rush work must be pre-approved and additional charges apply.

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

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

Page 1 of 1 Page 1 of 6
PO No. 2016-2685
Shipping Method
QC Reporting Level ☐ 1 ☐ 2 ☐ 3

LAB USE ONLY
SLI Order No. 1605E32
Sample containers supplied by customer? ☐ Yes
Temperature of Received Samples 22 °C
Samples received within 24 hours of collection? ☐ Yes

	SAMPLE IDENTIFICATION (Use One Line Per Preservation & Container Type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	Method 200.8 Lead	R	Condition	Split	LAB #
1	999-SKITCHEN BOARDRM	5/17/16	932a	DW	G	1	80z + p	HNO3	X				1A
2	999-SBATHROOM #R B	↓	936a	DW	↓	↓	↓	↓	↓				2A
3	999-FOUNTAIN CURR. OFFICE	↓	940a	↓	↓	↓	↓	↓	↓				3A
4	999-S ~~KITCHEN~~ BUSINESSOFF	↓	943a	↓	↓	↓	↓	↓	↓				4A
5													
6													
7													
8													
9													
10													
11													
12													

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) **CONTAINER:** 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) **PRESERVATIVE:** H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:
PLEASE COMPLETE THE HIGHLIGHTED SECTIONS
- DRINKING WATER REGULATIONS
- E-MAIL RESULTS TO: mtyberg@hygieneering.com ; banderson@hygieneering.com

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
MATT TYBERG	5/17/16		5-18-16				
Received By ☐ Ice	Time 12:00	Received By ☒ Ice	Time 16:10	Received By ☐ Ice	Time	Received By ☐ Ice	Time

Submission of samples subject to Terms and Conditions on back. Rev. 7/20/08 Please fill out this form completely, print, sign & submit with samples. Keep a copy for your records.