

Industrial hygiene, safety and environmental consulting services

July 12, 2016

(630)654-2550

Email: dblack@oakton.edu

Dan Black Director of Building and Grounds Oakton Community College 1600 East Golf Road Des Plaines, IL 60016

Re: Lead and Copper Water Quality Sampling Oakton Community College Hygieneering Project # 2016-2727-EA

Dear Mr. Black:

Hygieneering, Inc. (Hygieneering) was retained by Oakton Community College to provide environmental testing and consulting services. Hygieneering conducted proactive potable water quality sampling at schools that comprise the Oakton Community College. The purpose of this study was <u>not</u> intended for water quality compliance monitoring. The purpose of this study was to conduct proactive water quality sampling for informational purposes. Hygieneering conducted the following tasks as part of this project:

Scope of Work

Hygieneering conducted the following services:

- 1. Hygieneering collected water samples from pre-determined potable water fixtures throughout the following schools that comprise Oakton Community College:
 - Main Building- Des Plaines
 - Science & Health Careers
 - Main Building- Skokie
- 2. One, first draw water sample was collected from each pre-determined water fixture from each of the above referenced schools/building. First draw samples were collected after at least a six-hour rest period, where the fixtures and water were not utilized during that time period, as required by the Environmental Protection Agency (US EPA), Illinois Environmental Protection Agency (IEPA) and Illinois Department of Public Health (IDPH).
- 3. Collectively, a total of one hundred twenty-six (126) water samples were collected and submitted to a drinking water accredited laboratory for lead and copper analysis. Per request of the client, samples were analyzed on standard seven to ten laboratory business days.
- 4. Analytical results 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 the Oakton Community College, Hygieneering collected water samples for laboratory analysis for lead and copper. Lead in drinking water is commonly associated with corrosion of plumbing systems or erosion of natural deposits (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 lead is voluntary. Under the LCR, lead and copper are regulated by a TT based on an established AL to control the corrosiveness of water. For PWS, the US EPA established AL for lead is 0.015 mg/L [i.e. parts per million (ppm)] which is equivalent to 15 ug/L [i.e. parts per billions (ppb)]. The US EPA established AL for copper is 1.3 mg/L [i.e. parts per million (ppm)] which is equivalent to 1300 ug/L [i.e. parts per billions (ppb).

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

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

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 Oakton Community College for lead and copper analysis at the following schools:

- Main Building- Des Plaines
- Science & Health Careers
- Main Building- Skokie

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 Oakton Community College. 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/building. First draw samples were collected after at least a six-hour rest period, where the fixtures and water were not utilized during that time period, as required by the Environmental Protection Agency (US EPA), Illinois Environmental Protection Agency (IEPA) and Illinois Department of Public Health (IDPH). The first draw samples were collected as soon as the fixtures were turn on; samples were collected from the cold water taps. The water samples were collected using laboratory supplied bottles.

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

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

Hygieneering sample identification protocol was as follows:

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

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

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

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

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



June 16, 2016 Sampling Event

Mr. Anthony Kennedy and Mr. Kevin Doyle, Safety and Health Technicians of Hygieneering, conducted fieldwork on June 16, 2016. Collectively, Hygieneering collected water samples from one hundred twenty-six (126) pre-determined potable water fixtures from the above referenced schools. A total of one hundred twenty-six (126) water samples were submitted to Suburban Laboratories, Inc., an accredited laboratory of Geneva, Illinois, for lead and copper analysis in accordance to EPA Method 200.8 on standard laboratory turn around time. The table below shows the locations and types of fixtures sampled that were above the AL for copper. There were no lead exceedances. For the entire listings of samples refer to Appendix A.

Building	Hygieneering Sample ID	Laboratory Sample ID	Type of Fixture	Description of Fixture and Location	Copper Result (ppb)	Copper MCL (ppb)	Lead Result	Lead MCL (ppb)
Des Plaines	1600-DF4-A	1606G24- 009	Hallway Drinking Fountain	Fountain Only	1340	1300	ND	15
Skokie	7701-DF108	1606G26- 028	Hallway Drinking Fountain	Inside c151	1610	1300	ND	15

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 and copper in all one hundred twenty-six (126) samples collected and analyzed. Refer to the tables in this report, and Appendices A and B for further details of concentrations of lead and copper and sample locations. Laboratory analytical tables for each school/building detailing sampling dates, locations, types of fixtures, laboratory results and other pertinent information for each school are included in Appendix A. Maps of each school/building for each sampling event are included in Appendix B. Laboratory analytical reports are included in Appendix C.



Conclusions and Recommendations

Hygieneering conducted a proactive evaluation of potable water quality for lead and copper selected by Oakton Community College. 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 (ppm). 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 2 exceedances of EPA's Primary Standard AL for copper. There were no exceedances for lead. Refer to the tables in this report, and Appendices A and B for results.

Hygieneering recommends the following for your consideration:

- Consider re-sampling the 2 locations where copper exceeded the Action Level to verify results and then evaluate options to address based on findings.
- Continue with proactive measures of evaluating water quality at the Oakton Community College 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.

anthony Kenned

Anthony Kennedy Safety and Health Technician

Bob Anderson, CSP, CHMM Director, Environmental Services



APPENDIX A

LABORATORY ANALYTICAL TABLES

DES PLAINES CAMPUS, 1600 E. Golf Road, Des Plaines

MAIN BUILDING

DRINKING FOUNTAINS

				Notes		Location Description					
Equip. Number	Location	<u># of Fountains</u>	<u># of bottle Fillers</u>	(Discoloration,	*Hygieneering Sample ID	sink direction (N,S,E,W; left or right;	Copper Result	Copper MCL	Lead Result	Lead MCL	<u>Date</u>
				Smells, etc.)		landmark, etc.					
DE1	By 1220	2	0	N/A	1600-DF1-A	Right	ND	1,300	ND	15	17-Jun
DF1	By 1220	2	0	N/A	1600-DF1-B	Left	ND	1,300	ND	15	17-Jun
	Across from 1120	2	0	N/A	1600-DF2-A	Right	179	1,300	ND	15	17-Jun
DFZ	ACTOSS ITOITI 1150	2	0	N/A	1600-DF2-B	Left	225	1,300	ND	15	17-Jun
DE2	BV 12/2	2	0	N/A	1600-DF3-A	Right	206	1,300	ND	15	17-Jun
DIS	DT 1245	2	0	N/A	1600-DF3-B	Left	208	1,300	ND	15	17-Jun
DF4	Gym - South	1	1	N/A	1600-DF4	Fountian	1610	1,300	ND	15	17-Jun
				N/A	1600-DF4-FILLER	Bottle Filler	624	1,300	ND	15	17-Jun
DF5	Gym - North	1	1	N/A	1600-DF5	Fountain	Х	1,300	ND	15	17-Jun
				N/A	1600-DF5-FILLER	Bottle Filler	1190	1,300	ND	15	17-Jun
				N/A	1600-DF5-CUSPIDOR	Cupsidor	N/A	1,300	ND	15	17-Jun
DEC	Noar 1242	2	0	N/A	1600-DF6-A	Right	ND	1,300	ND	15	17-Jun
DF0	INEdi 1545	2	0	N/A	1600-DF6-B	Left	ND	1,300	ND	15	17-Jun
DF7	Cafeteria	1	0	N/A	1600-DF7	Fountain	ND	1,300	ND	15	17-Jun
DF8	Library - 1st floor	2	0	N/A	1600-DF8-A	Left	150	1,300	ND	15	17-Jun
DF8	Library - 1st floor	2	0	N/A	1600-DF8-B	Right	112	1,300	ND	15	17-Jun
DEO	Dv 1520	2	1	N/A	1600-DF9-A	Right	ND	1,300	ND	15	17-Jun
DF9	By 1520	2	T	N/A	1600-DF9-B	Left	ND	1,300	ND	15	17-Jun
				N/A	1600-DF9-FILLER	Bottle Filler	ND	1,300	ND	15	17-Jun
DF10	Across from 1550	1	0	N/A	1600-DF10	Fountain	143	1,300	ND	15	17-Jun
DF11	Dv 1470	2	0	N/A	1600-DF11A	Right	ND	1,300	ND	15	17-Jun
DFII	Ву 1470	2	0	N/A	1600-DF11B	Left	ND	1,300	ND	15	17-Jun
DF12	By exit 19	2	0	N/A	1600-DF12A	Right	148	1,300	ND	15	17-Jun
DF12	By exit 19	2	0	N/A	1600-DF12B	Left	N/A	1,300	N/A	15	17-Jun
DF12	Dv 1740	2	0	N/A	1600-DF13A	Left	ND	1,300	ND	15	17-Jun
DF13	By 1740	2	0	N/A	1600-DF13B	Right	ND	1,300	ND	15	17-Jun
DF14	By 1848	2	0	N/A	1600-DF14A	Left	ND	1,300	ND	15	17-Jun
DF14	By 1848	2	0	N/A	1600-DF14B	Right	ND	1,300	ND	15	17-Jun
DF15	In room 1851	1	0	N/A	1600-DF15	Fountain	253	1,300	ND	15	17-Jun
DE16	Burgom 0700	2	0	N/A	1600-DF16A	Left	308	1,300	ND	15	17-Jun
DF10	By 100111 0700	2	0	N/A	1600-DF16B	Right	666	1,300	ND	15	17-Jun
DF17	By room 0400	1	0	N/A	1600-DF17	Fountain	ND	1,300	ND	15	17-Jun
DF19	Du room 2210	2	0	N/A	1600-DF18A	Left	ND	1,300	ND	15	17-Jun
DF18	By 10011 2210	2	0	N/A	1600-DF18B	Right	ND	1,300	ND	15	17-Jun
DF19	In room 2115	2	0	N/A	1600-DF19A	Right	ND	1,300	ND	15	17-Jun
DF19	In room 2115	2	0	N/A	1600-DF19B	Left	ND	1,300	ND	15	17-Jun
DE20	In room 21EE	2	0	N/A	1600-DF20A	Right	ND	1,300	ND	15	17-Jun
DF20	111100111 2155	2	0	N/A	1600-DF20B	Left	100	1,300	ND	15	17-Jun
DF21	By room 2262	1	0	N/A	1600-DF21	Fountain	ND	1,300	ND	15	17-Jun
DF33	Library and floor	2	0	N/A	1600-DF22A	Left	216	1,300	ND	15	17-Jun
UF22	Library - 2nd floor	Z	U	N/A	1600-DF22B	Right	214	1,300	ND	15	17-Jun
DF23	Removed from service			N/A	N/A	N/A	N/A	1,300	N/A	15	17-Jun

DES PLAINES CAMPUS, 1600 E. Golf Road, Des Plaines

MAIN BUILDING

DRINKING FOUNTAINS

Equip. Number	Location	<u># of Fountains</u>	<u># of bottle Fillers</u>	<u>Notes</u> (Discoloration, Smells, etc.)	*Hygieneering Sample ID	Location Description sink direction (N,S,E,W; left or right; landmark, etc.	<u>Copper Result</u>	Copper MCL	Lead Result	Lead MCL	<u>Date</u>
DF24	By room 2460	2	1	N/A	1600-DF24-A	Left	ND	1,300	ND	15	17-Jun
DF24	By room 2460	2	1	N/A	1600-DF24-B	Right	ND	1,300	ND	15	17-Jun
				N/A	1600-DF24-FILLER	Bottle Filler	ND	1,300	ND	15	17-Jun
DE25	By room 2805	2	0	N/A	1600-DF25-A	Left	ND	1,300	ND	15	17-Jun
0125	By 10011 2005	2	0	N/A	1600-DF25-B	Right	ND	1,300	ND	15	17-Jun
DE26	By room 27/18	2	0	N/A	1600-DF26-A	Left	157	1,300	ND	15	17-Jun
0120	By 10011 2740	2	0	N/A	1600-DF26-B	Right	ND	1,300	ND	15	17-Jun
DE27	By room 2839	2	0	N/A	1600-DF27-A	Left	ND	1,300	ND	15	17-Jun
0127	By 10011 2035	2	0	N/A	1600-DF27-B	Right	ND	1,300	ND	15	17-Jun
DE28	By Eley 6 - 1st floor	2	0	N/A	1600-DF28-A	Left	269	1,300	ND	15	17-Jun
0120	Dy Liev 0 - 13t 11001	2	0	N/A	1600-DF28-B	Right	329	1,300	ND	15	17-Jun
DF29	Library - basement	2	0	N/A	1600-DF29-A	Left	113	1,300	ND	15	17-Jun
0125	Library basement	2	Ŭ	N/A	1600-DF29-B	Right	129	1,300	ND	15	17-Jun
DF30	Room 1156	1	1	N/A	1600-DF30	Fountain	253	1,300	ND	15	17-Jun
				N/A	1600-DF30-FILLER	Bottle Filler	377	1,300	ND	15	17-Jun
DF31	ECDC - 1635	1	0	N/A	1600-DF31	Fountain	339	1,300	ND	15	17-Jun
DF32	ECDC - 1634	1	0	N/A	1600-DF32	Fountain	353	1,300	ND	15	17-Jun
DE33	By room 1621	2	0	N/A	1600-DF33-A	Left	172	1,300	ND	15	17-Jun
0133	By 10011 1021	2	Ŭ	N/A	1600-DF33-B	Right	154	1,300	ND	15	17-Jun
DE34	By Fley 7 - 1st floor	2	0	N/A	1600-DF34-A	Left	176	1,300	ND	15	17-Jun
0154	By LIEV. 7 - 13t 11001	2	0	N/A	1600-DF34-B	Right	138	1,300	ND	15	17-Jun
DE35	By Eley 7 - 2nd floor	2	0	N/A	1600-DF35-A	Left	146	1,300	ND	15	17-Jun
0133	By Liev. 7 - 2nd hoor	2	0	N/A	1600-DF35-B	Right	186	1,300	ND	15	17-Jun
DE36	By Eley 7 - 3rd floor	2	0	N/A	1600-DF36-A	Left	187	1,300	ND	15	17-Jun
0150	By Elev. 7 Starloor	2	0	N/A	1600-DF36-B	Right	215	1,300	ND	15	17-Jun
DF37	ECDC - playground	1	0	N/A	1600-DF37	Outside	377	1,300	ND	15	17-Jun
DF38	Grounds Bldg.	1	0	N/A	1600-DF-38	Grounds Building	ND	1,300	ND	15	17-Jun

*If collecting multiple fountains/sinks samples in room or hallway: identfiy by A, B, C, etc. with descriptor Address Digits-Equipment Number-A for first fountain; B for second fountain; C for third fountain

DES PLAINES CAMPUS, 1600 E. Golf Road, Des Plaines SCIENCE AND HEALTH CAREER DRINKING FOUNTAINS

<u>Equip. Number</u>	<u>Location</u>	<u># of Fountains</u>	Notes (Discoloration, Smells, etc.)	<u>*Hygieneering</u> Sample ID	Location Description sink direction (N,S,E,W; left or right; landmark, etc.	Sampling Date	Copper Result	Copper MCL	Lead Result	Lead MCL
DF50	SHCC - By 126	2	N/A	1600-DF50-A	Left	17-Jun	ND	1,300	ND	15
			N/A	1600-DF50-B	Right	17-Jun	ND	1,300	ND	15
		BF	N/A	1600-DF50-FILLER	Bottle Filler	17-Jun	526	1,300	ND	15
DF51	SHCC - By 231	3	N/A	1600-DF51-A	Left	17-Jun	571	1,300	ND	15
			N/A	1600-DF51-B	Middle	17-Jun	ND	1,300	ND	15
			N/A	1600-DF51-C	Right	17-Jun	ND	1,300	ND	15
		BF	N/A	1600-DF51-FILLER	Bottle Filler	17-Jun	1070	1,300	ND	15
DF52	SHCC - By 343	2	N/A	1600-DF52-A	Left	17-Jun	237	1,300	ND	15
			N/A	1600-DF52-B	Right	17-Jun	231	1,300	ND	15
		BF	N/A	1600-DF52-FILLER	Bottle Filler	17-Jun	199	1,300	ND	15

*If collecting multiple fountains/sinks samples in room or hallway: identfiy by A, B, C, etc. with descriptor Address Digits-Equipment Number-A for first fountain; B for second fountain; C for third fountain

SKOKIE CAMPUS, 7701 N. Lincoln Avenue, Skokie

RAY HARSTEIN

DRINKING FOUNTAINS

Equip. Number	<u>Floor</u>	Location	<u># of Fountains</u>	Notes (Discoloration, Smells, etc.)	*Hygieneering Sample ID	Location Description sink direction (N,S,E,W; left or right; landmark, etc.	Sampling Date	Copper Result	Copper MCL	Lead Result	Lead MCL
DF101		By A 149	1		7701-DF101		17-Jun	490	1,300	ND	15
DF102		By A 162	2		7701-DF102-A	Left	17-Jun	411	1,300	ND	15
					7701-DF102-B	Right	17-Jun	425	1,300	ND	15
DF103		By A 175	2		7701-DF103-A	Left	17-Jun	369	1,300	ND	15
					7701-DF103-B	Right	17-Jun	422	1,300	ND	15
DF104		By B 124	1		7701-DF104		17-Jun	380	1,300	ND	15
DF105		By C 105	2		7701-DF105-A	Left	17-Jun	346	1,300	ND	15
					7701-DF105-B	Right	17-Jun	271	1,300	ND	15
DF106	1	In C 118	1		7701-DF106		17-Jun	1070	1,300	ND	15
DF107		In C 130	2		7701-DF107-A	Left	17-Jun	341	1,300	ND	15
		1	1		7701-DF107-B	Right	17-Jun	400	1,300	ND	15
DF108		In C 151	1		7701-DF108		17-Jun	1340	1,300	ND	15
DF109		In C 152	1		7701-DF109		17-Jun	601	1,300	ND	15
DF110		by C 154	2		7701-DF110-A	Left	17-Jun	121	1,300	ND	15
		<u> </u>			7701-DF110-B	Right	17-Jun	ND	1,300	ND	15
DF111		ECDC Playground	1		7701-DF111		17-Jun	ND	1,300	ND	15
DF112		By P 145	2		7701-DF112-A	Left	17-Jun	ND	1,300	ND	15
		<u> </u>			7701-DF112-B	Right	17-Jun	ND	1,300	ND	15
		<u> </u>	BF		7701-DF112-FILLER	Bottle Filler	17-Jun	ND	1,300	ND	15
DF113		By A 232	3		7701-DF113-A	Left	17-Jun	349	1,300	ND	15
		<u> </u>			7701-DF113-B	Middle	17-Jun	256	1,300	ND	15
		<u> </u>			7701-DF113-C	Right	17-Jun	284	1,300	ND	15
DF114		By C 204	2		7701-DF114-A	Left	17-Jun	243	1,300	ND	15
					7701-DF114-B	Right	17-Jun	268	1,300	ND	15
DF115		In C 218	1		7701-DF115		17-Jun	348	1,300	ND	15
DF116		By C222	2		7701-DF116-A	Left	17-Jun	311	1,300	ND	15
					7701-DF116-B	Right	17-Jun	315	1,300	ND	15
DF117		In C 258	1		7701-DF117		17-Jun	900	1,300	ND	15
DF118		By P245	2		7701-DF118-A	Left	17-Jun	167	1,300	ND	15
					7701-DF118-B	Right	17-Jun	175	1,300	ND	15

*If collecting multiple fountains/sinks samples in room or hallway: identfiy by A, B, C, etc. with descriptor Address Digits-Equipment Number-A for first fountain; B for second fountain; C for third fountain

DES PLAINES CAMPUS, 7701 N. Lincoln Avenue, Skokie

MAIN BUILDING

KITCHEN SINKS

Equip. Number	Location	<u># of Sinks</u>	Notes (Discoloration, Smells, etc.)	*Hygieneering Sample ID	Location Description sink direction (N,S,E,W; left or right; landmark, etc.	Sampling Date	Copper Result	Copper MCL	Lead Result	Lead MCL	<u>Date</u>
KS1507	Room 1507	1	N/A	1600-KS1507		17-Jun	ND	1,300	ND	15	17-Jun
KS1460-A	Room 1460	3 To 4	N/A	1600-KS1460-A		17-Jun	ND	1,300	ND	15	17-Jun
KS1460-B			N/A	1600-KS1460-B		17-Jun	ND	1,300	ND	15	17-Jun
KS1460-C			N/A	1600-KS1460-C		17-Jun	ND	1,300	ND	15	17-Jun
KS1460-D			N/A	1600-KS1463-D		17-Jun	ND	1,300	ND	15	17-Jun
KS0511	Room 0511	1	N/A	1600-KS0511		17-Jun	138	1,300	ND	15	17-Jun
KS0715	Room 0715	1	N/A	1600-KS0715		17-Jun	ND	1,300	ND	15	17-Jun
KS1638	Room 1638	1	N/A	1600-KS1638		17-Jun	ND	1,300	ND	15	17-Jun
KS2413	Room 2413	1	N/A	1600-KS2413		17-Jun	ND	1,300	ND	15	17-Jun
KS2911	Room 2911	1	N/A	1600-KS2911		17-Jun	403	1,300	ND	15	17-Jun
VC114	Doom 114	1	NI / A	1000 KC114	No sink procent	17	NI / A	1 200	NI / A	15	17
KS114	Room 114	1	N/A	1600-KS114	No sink present	17-Jun	N/A	1,300	N/A	15	17-Jun
KS354	Between 353 and 355	1	N/A	1600-KS357		17-Jun	377	1,300	ND	15	17-Jun
KSC155	Room c155	1	N/A	7701-KSC155		17-Jun	ND	1,300	ND	15	17-Jun
KSA183	Room a183	1	N/A	7701-KSA183		17-Jun	181	1,300	ND	15	17-Jun
KSA168(A183)-A	Room a168	3 To 4	N/A	7701-KSA168-A		17-Jun	244	1,300	ND	15	17-Jun
KSA168(A183)-B			N/A	7701-KSA168-B		17-Jun	ND	1,300	ND	15	17-Jun
KSA168(A183)-C			N/A	7701-KSA168-C		17-Jun	ND	1,300	ND	15	17-Jun
KSA168(A183)-D			N/A	7701-KSA168-D	Pop Machine	17-Jun	ND	1,300	ND	15	17-Jun

*If collecting multiple fountains/sinks samples in room or hallway: identfiy by A, B, C, etc. with descriptor Address Digits-Equipment Number-A for first fountain; B for second fountain; C for third fountain



APPENDIX B

SCHOOL MAPS







sustainability performance design

SCIENCE & HEALTH CAREERS





SCIENCE & HEALTH CAREERS

LEGATARCHITECTS

Scale: 1" = 20'-0"









SCIENCE & HEALTH CAREERS

LEGATARCHITECTS

Scale: 1" = 20'-0"









APPENDIX C

LABORATORY ANALYTICAL REPORTS

SUBURBAN LABORATORIES, Inc.



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

June 30, 2016

Workorder: 1606G18

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

TEL: (630) 654-2550

FAX:

RE: 2016-2727 Des Plaines Campus Grands B Drinking Water Lead and Copper Analysis

Dear Valerie Hofmann:

Suburban Laboratories, Inc. received 1 sample(s) on 6/17/2016 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,

Parme Rodyen

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





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

Client: Hygieneering, Inc.	
Project: 2016-2727 Des Plaines Campus Grands B Drink	
WorkOrder: 1606G18	
Temperature of samples upon receipt at SLI: C	Ch

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:

Date: June 30, 2016 PO #: 2016-2727 QC Level: nain of Custody #:



Lead

Suburban Laboratories, Inc.

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

ND

15.0

5.00

Laboratory Results

06/29/2016 9:03 AM

37488

Client ID:	Hygieneering, In	с.				Report	Date: Jur	ne 30, 2016		
Project Name:	2016-2727 Des H	Plaines Camp	ous Grand	ds B Drinki		Work	order: 16	06G18		
Client Sample ID:	1600-PF38					N	latrix: DI	RINKING WATER		
Lab ID:	1606G18-001	Date R	eceived:	06/17/2016 1	:20 PM	Collection	Date: 06	/17/2016 10:04 AM		
				Report			Dilution			
Parameter		Result	MCL	_ Limit	Qual.	Units	Factor	Date Analyzed	Batch ID	
METALS BY ICPMS				Method:	EPA-200.8-Rev	75.4, 1994		Analyst: mjs		
Copper		ND	1,300	100		µg/L	1	06/29/2016 9:03 AM	37488	

µg/L

1

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

PREP DATES REPORT

Project:	2016-2727 Des Pl	aines Campu	s Gr	Lab Order: 1606G18				
Client:	Hygieneering, Inc.				Report Date:	June 30, 2	2016	

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date	
1606G18-001A	6/17/2016 10:04:00 A	37488	TURB_METALS	Turbidity Check		6/28/2016	



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

Qualifier Definitions

WO#: **1606G18** Date: **6/30/2016**

Qualifiers:

*/X	Value exceeds Maximum Contaminant Level
В	Analyte detected in the associated Method Blank
С	Value is below Minimum Concentration Limit
с	Analyte not in SLI scope of accredidation
E	Estimated, detected above quantitation range
G	Refer to case narrative page for specific comments
Н	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limit (QL)
Ν	Tentatively identified compounds
ND	Not Detected at the Reporting Limit
Р	Present
Q	Accredidation is not available from Wisconsin
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
Т	Analyte detected in sample trip blank

SUBURBAN LABO	RATORIES, Inc.		CHAIN O	F CUSTODY REC	CORD # Electronic Version	
Company Name IIV in 1500 S. Batavia Ave. Geneva, IL 6	U134 I.EI. /U8.544.326			WWW.Suburbaniaos.co		
			"Additional Dush	ANALYSIS & METHOD REQUE		
withaity ruliness 7575 Plaza Ct	•	Normal Rus	H* Charges Approved.	Enter an "X" in box below for re	Harden 20102 and Large Harden	I
City Willbwbrook State II	22509 az	*Date & Time Needed:		· · · · · · · · · · · · · · · · · · ·	Shipping Method	
Phone 1-630-654-2530 Fax	Fax Report	Normal TAT is 5-7 work days fo pre-approved and add	r most work. Rush work must be litional charges apply.		CC Reporting 1 2 3	Ψ
Email Address	 Email Report 	Specify Regutatory Program (Required)	^{n:} ✓ None/Info only		LAB USE ONLY	
Project 1D / Location ZOK-C7Z7 Des Plac.	Nes Comput / Grands B.		P SDWA		SLI Order No. 1 1/2 66 618	
Project Manager (Report to)	1	503 Sludge 🔲 NP			Sample containers Ye	S
Sample Collector(s) Keu:n Byle / Anthon	y Kennedy	Disposal 🗌 Ott	"Please specify in comment Vef section below.		Temperature of Received Samples 21 ° C	~
SAMPLE IDENTIFICATION	COLLECTION	GRAB/ CONTAIN	VERS	· · · · · · · · ·	Samples received within Yes 24 hours of collection?	
(Please use 1 line per container type)	DATE TIME MATI	RIX COMP. Qty SIZE 8	TYPE PRESERVATIVE	2 }	R Condition Spit LAB #	
1 (,00-PE38)	17/16 10.04	1 802	(p) HNG3	× ~		
2						
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4				· · · · · · · · · · · · · · · · · · ·		
σ I				·····		
<u>ത</u>				· · · · · · · · · · · · · · · · · · ·		
7						l
8						
Q						
10						
1						
12				· · · · · · · · · · · · · · · · · · ·		
MATRIX: Drinking Water (DW), Soil (S), COMMENTS Waste Water (WW), Surface Water(SW).	& SPECIAL INSTRUCTIONS:				<u>CONDITION CODES</u> 1. Improper/damaged container/cap	
Ground Water (GW), Solid Waste (WA), Sludoe (U), Wipe (P) CONTAINER: 202					 Improper preservation Insufficient sample volume 	
40z, 80z, 40ml Vial, 500ml, Liter (L), Tube,					4. Headspace/air bubbles for VOCs	
Glass (G), Plastic (P) PRESERVATIVE:					 Beceived frozen 	
NaOH, Sodium Bisulfate (NaB), NaThio					7. Label conflicts with COC	
1. Relinquished By	2. Relinquished By	Date	3. Relinquished By	Date 4. Reline	puished By	
Received By	Received By		Received By	Ice Time Receive		
Submission of samples subject to Terms and Cond	itions on back.	Rev. 2/01/05	Please fill out this form co	mpletely, print, sign & submit w	ith samples. Keep a copy for your record	S

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 30, 2016

Workorder: 1606G21

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

TEL: (630) 654-2550

FAX:

RE: 2016-2727 Des Plaines Campus/SHC Drinking Water Lead and Copper Analysis

Dear Valerie Hofmann:

Suburban Laboratories, Inc. received 11 sample(s) on 6/17/2016 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,

Paru Rodyen

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





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

Client: Hygieneering, Inc.	Date: June 30, 2016
Project: 2016-2727 Des Plaines Campus/SHC Drinking	PO #: 2016-2727
WorkOrder: 1606G21	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: Project Name:	Hygieneering, Inc. 2016-2727 Des Plai	nes Cam	pus/SHC	Drinking		Repor Work	t Date: Jur	ne 30, 2016 06 G21	
Client Sample ID: 1	1600-DF50-A		pus, sile			I	Matrix: DF	RINKING WATER	
Lab ID: 1	1606G21-001	Date R	Received:	06/17/201	6 1:20 PM	Collectio	n Date: 06	/17/2016 9:41 AM	
Parameter		Result	MCL	Report Limit	Oual.	Units	Dilution Factor	Date Analyzed	Batch ID
					C C			v	
METALS BY ICPMS				Meth	nod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		ND	1,300	100		µg/L	1	06/29/2016 9:06 AM	37488
Lead		ND	15.0	5.00		µg/L	1	06/29/2016 9:06 AM	37488
Client Sample ID: 1	1600-DF50-B					Ι	Matrix: DF	RINKING WATER	
Lab ID: 1	1606G21-002	Date R	Received:	06/17/201	6 1:20 PM	Collectio	n Date: 06	/17/2016 9:41 AM	
				Report			Dilution		
Parameter		Result	MCL	, Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Meth	nod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		ND	1,300	100		µg/L	1	06/29/2016 9:09 AM	37488
Lead		ND	15.0	5.00		µg/L	1	06/29/2016 9:09 AM	37488
Client Sample ID: 1	1600-DF50-C					Ι	Matrix: DF	RINKING WATER	
Lab ID: 1	1606G21-003	Date R	Received:	06/17/201	6 1:20 PM	Collectio	n Date: 06	/17/2016 9:41 AM	
				Report			Dilution		
Parameter		Result	MCL	, Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Meth	nod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		526	1,300	100		µg/L	1	06/29/2016 9:32 AM	37488
Lead		ND	15.0	5.00		µg/L	1	06/29/2016 9:32 AM	37488
Client Sample ID: 1	1600-DF51-A					Ι	Matrix: DF	RINKING WATER	
Lab ID: 1	1606G21-004	Date R	Received:	06/17/201	6 1:20 PM	Collectio	n Date: 06	/17/2016 9:47 AM	
				Report			Dilution		
Parameter		Result	MCL	, Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Meth	nod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		571	1,300	100		µg/L	1	06/29/2016 9:35 AM	37488
Lead		ND	15.0	5.00		µg/L	1	06/29/2016 9:35 AM	37488

Suburban Laboratories, Inc.

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

ND

15.0

5.00

µg/L

1

Client ID: Project Name:	Hygieneering, Inc. 2016-2727 Des Plai	ines Camj	pus/SHC	Drinking	7	Repor Work	t Date: Jun korder: 16	ne 30, 2016 06G21	
Client Sample ID: Lab ID:	1600-DF51-B 1606G21-005	Date R	eceived:	06/17/20	016 1:20 PM	I Collectio	Matrix: DI n Date: 06	RINKING WATER /17/2016 9:47 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Μ	lethod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		ND ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 9:38 AM 06/29/2016 9:38 AM	37488 37488
Client Sample ID: Lab ID:	1600-DF51-C 1606G21-006	Date R	eceived:	06/17/20	016 1:20 PM	I Collectio	Matrix: DI n Date: 06	RINKING WATER /17/2016 9:47 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Μ	lethod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		ND ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 9:41 AM 06/29/2016 9:41 AM	37488 37488
Client Sample ID: Lab ID:	1600-DF51-D 1606G21-007	Date R	eceived:	06/17/20	016 1:20 PM	I Collectio	Matrix: DF n Date: 06	RINKING WATER /17/2016 9:47 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				N	lethod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		1,070 ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 9:44 AM 06/29/2016 9:44 AM	37488 37488
Client Sample ID: Lab ID:	1600-DF52-A 1606G21-008	Date R	eceived:	06/17/20	016 1:20 PM	I Collectio	Matrix: DI n Date: 06	RINKING WATER /17/2016 9:50 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Μ	lethod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		237	1,300	100		µg/L	1	06/29/2016 9:55 AM	37488

Lead

37488

06/29/2016 9:55 AM

Suburban Laboratories, Inc.

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

Laboratory Results

Client ID:	Hygieneering, Inc.
Project Name:	2016-2727 Des Plaines Campus/SHC Drinking

Report Date: June 30, 2016 **Workorder:** 1606G21

Client Sample ID: 1600-DF52-B Lab ID: 1606G21-009

Matrix: DRINKING WATER Collection Date: 06/17/2016 9:50 AM

			Report			Dilution		
Parameter	Result	MCL	, Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Me	ethod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper	231	1,300	100		µg/L	1	06/29/2016 9:58 AM	37488
Lead	ND	15.0	5.00		µg/L	1	06/29/2016 9:58 AM	37488
Client Sample ID: 1600-DF52-C						Matrix: DI	RINKING WATER	
Lab ID: 1606G21-010	Date R	eceived:	06/17/20	16 1:20 PM	Collectio	on Date: 06	/17/2016 9:50 AM	
			Report			Dilution		
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Me	ethod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper	199	1,300	100		µg/L	1	06/29/2016 10:01 AM	37488
Lead	ND	15.0	5.00		µg/L	1	06/29/2016 10:01 AM	37488
Client Sample ID: 1600-KJJ57						Matrix: DI	RINKING WATER	
Lab ID: 1606G21-011	Date R	eceived:	06/17/20	16 1:20 PM	Collectio	n Date: 06	/17/2016 9:54 AM	
Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Me	ethod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper	377	1,300	100		µg/L	1	06/29/2016 10:04 AM	37488
Lead	ND	15.0	5.00		µg/L	1	06/29/2016 10:04 AM	37488

Date Received: 06/17/2016 1:20 PM

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

PREP DATES REPORT

Client: Project:

2016-2727 Des Plaines Campus/S

Hygieneering, Inc.

Report Date:	June 30, 2016
I ab Ordari	1606021

Lab Order: 1606G21

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date Prep Date	
1606G21-001A	6/17/2016 9:41:00 A	37488	TURB_METALS	Turbidity Check	6/28/2016	-
1606G21-002A		37488	TURB_METALS	Turbidity Check	6/28/2016	
1606G21-003A		37488	TURB_METALS	Turbidity Check	6/28/2016	
1606G21-004A	6/17/2016 9:47:00 A	37488	TURB_METALS	Turbidity Check	6/28/2016	
1606G21-005A		37488	TURB_METALS	Turbidity Check	6/28/2016	
1606G21-006A		37488	TURB_METALS	Turbidity Check	6/28/2016	
1606G21-007A		37488	TURB_METALS	Turbidity Check	6/28/2016	
1606G21-008A	6/17/2016 9:50:00 A	37488	TURB_METALS	Turbidity Check	6/28/2016	
1606G21-009A		37488	TURB_METALS	Turbidity Check	6/28/2016	
1606G21-010A		37488	TURB_METALS	Turbidity Check	6/28/2016	
1606G21-011A	6/17/2016 9:54:00 A	37488	TURB_METALS	Turbidity Check	6/28/2016	



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

Qualifier Definitions

WO#: **1606G21** Date: **6/30/2016**

Qualifiers:

*/X	Value exceeds Maximum Contaminant Level
В	Analyte detected in the associated Method Blank
С	Value is below Minimum Concentration Limit
с	Analyte not in SLI scope of accredidation
E	Estimated, detected above quantitation range
G	Refer to case narrative page for specific comments
Н	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limit (QL)
Ν	Tentatively identified compounds
ND	Not Detected at the Reporting Limit
Р	Present
Q	Accredidation is not available from Wisconsin
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
Т	Analyte detected in sample trip blank

	ノフ > インゴ ロウ ニシン					*
1950 S. Batavia Ave. Geneva, IL	60134 Tel. 708.544.3260	Fax: 708.544.8587	Toll Free: 800.783.LA	BS www.suburban	abs.com	" Electronic Version
Company Name HYGIENEERING	, INC.	TURNAROUND TI	ME REQUESTED	ANALYSIS & METHOD I	REQUESTED	Page / of 2^{9}
Company Address 7575 PLAZA	CT.	Normal RUSI	*Additional Rush H* Charges Approved.	Enter an "X" in box belo	w for request	10 NO. 2016-20127
MILLOWBROOK STATE -	™ 60527	"Date & Time Needed:				Shipping Method Pa
Phone 1-630-654-2550	Fax Report	Normal TAT Is 5-7 work days for pre-approved and addi	most work. Rush work must be itional charges apply.	 	······	CC Reporting 1 2 3
Email Address	✓ Email Report	Specify Regulatory Program (Required)	1: 🗸 None/Info only			LAB USE ONLY
2016-2727 Des LAINES (4	MPUS /SHC .		SDWA			31 Order No. 160621
Project Manager (Report to)		🗌 503 Sludge 🔲 NPD	DES MWRDGC			Sample containers Yes
Sample Collector(s) KEVIN DOULE / ANT	HONY KENNEDY	Disposal Oth	*Please specify in comment er section below.			Temperature of C
SAMPLE IDENTIPICATION	COLLECTION /	GRAB/ CONTAIN	ERS	2		Samples received within Yes 24 hours of collection?
(Please use 1 line per container type)	DATE TIME MATRI	X COMP. Qty SIZE &	TYPE PRESERVATIVE	U/b		R Condition Split LAB #
1 ILCO-KOTING DESO-R	6/17/14 9:41 DW	1 8 oz.	(P) HNO3 1	×		tu/
2 (600-DFS0-B	WO 14:4 9/17/9	1 8 02.	(P) HNO3	×		
3 1606- DFSO-C	6/17/16 9:41 DW	1 802-	(P) HNO3 1	< ×		
4 1600 - DFSI-1	MO EN: 0 91/L1/9	1 802-	(P) HN03 ;	× ×		
5 1600- DFS1-B	MO IFY P JUCI	1 8oz.	(P) HNO 3 1	× ×.		
6 1600 - DFS1 - C	MQ EN: 6 9/11/9	1 80z.	(P) HN03 1	× ×		
7 1606- DFS1-D	M0 EN 26 91/12/16	1 802-1	(P) HNOS N	(X		
8 1600 - DF32-12	6/17/16 9:50 0 M	1 802-	(p) H N 0 3	^ X		
0 100 - JEST - B	6/17/16 9:50 DW	1 802-1	$(\rho) HN0 = 1$			
10 100-0752 - C	WO 25.6 71/16	1 802-1	(P) HNO3	X		
17 100- KJJ57	MULLING ART DW	1 802-((P) HNO3)	~ ×		
12	6/17/16 DW	80z- ((P) HNO3 :	× ×		
MATRIX: Drinking Water (DW), Soil (S), COMMENTS Waste Water (WW), Surface Water(SW),	S& SPECIAL INSTRUCTIONS:					CONDITION CODES
Ground Water (GW), Solid Waste (WA),					3 (3)	. Improper preservation
4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube.					0 4	. Headspace/air bubbles for VOCs
Glass (G), Plastic (P) PRESERVATIVE:					5 5	. Received past holding time
NaOH, Sodium Bisulfate (NaB), NaThio					7	Label conflicts with COC
1. Relinquished By Date Date (7/1)	2. Relinquished By	Date	. Relinquished By	Date	. Relinquished By	Date
Received By	Received By		leceived By		leceived By	
Submission of samples subject to Terms and Conc	litions on back.	lev. 2/01/05	² lease fill out this form con	npletely, print, sign & sub	mit with samples.	Keep a copy for your records.

py for your records.	es. Keep a cor	submit with sample	ly, print, sign & s	completel	e fill out this form	Please	łev. 2/01/05	F	s on back.	s and Conditior	subject to Terms	sion of samples a	Submis
Ice		Received By	e Time	□ Ice	1 By	Receivec	Ice Time		Received By	n(]n		By IN	Received 1
Date		4. Relinquished By	Date		uished By	3. Relinq	Date		2. Relinquished By	91/LJ/9	- Pa	hed By	1. Relinqu
s with COC	 neceived past Received frozt Label conflicts 										(80H) NaThio	2), HNO ₃ , Methanol (M dium Bisulfate (NaB), t	H ₂ SO ₄ , HC NaOH, So
ir bubbles for VOCs	4. Headspace/air										(L), Tube,	40ml Vial, 500ml, Liter	40z, 80z, 4
servation	2. Improper pres										te (WA),	rater (GW), Solid Wast). Wine (P) CONTAIN	Ground W Sludge (U
DITION CODES laged container/cap	1. Improper/dama							DCHONS:	SPECIAL INSTH	OMMENTS&	ater(SW),	ter (WW), Surface Water (DW)	Waste Wa
	 	 		XX	HNO 3	180Z-(P)		MQ	7/16	61			12
				XX	EONH	802-(P)		DW	<u> 31/1</u>	671			1
				ХX	HN03	802-(P)	1	DW	7/16	1/0			10
				XX	× 0NH	1 Joz-(P)		MQ	7/16	671			9
				XX	E ONH (1 802- (P)		DW	17/16	61			8
				XX	HN03	1 802.(P)		NO	31/L	61			7
				XX	HN03	1 802 (P)		NO	116	61			6
				XX	HN0 3	1 80z. (P)		MØ	3//1/1	6			57 J
				XX	€ 0NH (802-(P)		NO	11/16	61			4
		·		XX) HN03	802- (P	/	ΔW	17/16	61	*****		ω
				XX) HNØ3	1 802 (P		DW	7/16	6			N
				XX) HNO3	1 8 0Z. (P	<u> </u>	DW	17/4	61			<u> </u>
tion Split LAB #	R Condit		5	ECurt	PRESERVATIN	NY SIZE & TYPE	IX COMP. C	MATR	DATE TIMI		e per container type)	(Please use 1 line	
ived within Yes	Samples receit 24 hours of co			2		CONTAINERS	GRAB/	/	/ COLLECTION	•	ENTIFICATION	SAMPLE IDE	
s of o C	Temperature Received Sam			ent	lease specity in comm ction below.	Other se	Disposal	NEDY	ony Ken	HUTH	V DOVLE	collector(s)	Sample C
ntainers Yes	Sample con supplied by ct					ge 🗌 NPDES	503 Sludi					lanager (Report to)	Project M
666721	SLI Order No.	·			SDWA	SRP		4				Location 27	
USE ONLY	LAB			<	✓ None/Info on	latory Program: [ruired)	Specify Regul	nail Report	< E			dress	Email Ado
	QC Reporting Level			8	ork. Rush work must l sharges apply.	•7 work days for most w proved and additional c	Normal TAT is 5- pre-ap	ix Report	E-	ax	4-2550	-630-65	Phone
а Ра	Shipping Metho					eeded:	*Date & Time N	27	zo 605		ROOK_ S	VILLOWB	
16-2°727	PO No. 20	below for request	inter an "X" in box I	<u> </u>	*Additional Rush Dharges Approved.	RUSH*	 Normal 		n. 1.	CAZA (575 F	Address 7	Company
9 P f 9		OD REQUESTED	NALYSIS & METH	A,	EQUESTED	AROUND TIME R	TURN,		INC-	RING,	SIENEE	I Name HY6	Company
ctronic Version) # Elec	/ RECORE	WWW.suburt		CHAIN	3.544.8587 1	- Fax: 708	5, Inc. 708.544.3260	ATORIES	I LABOR Geneva, IL 601	BURBAN S. Batavia Ave.	SUI 1950 S	C

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 30, 2016

Workorder: 1606G24

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

TEL: (630) 654-2550

FAX:

RE: 2016-2727 Des Plaines Campus Main Bldg Drinking Water Lead and Copper Analysis

Dear Valerie Hofmann:

Suburban Laboratories, Inc. received 77 sample(s) on 6/17/2016 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,

Parme Rodyen

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




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

Client: Hygieneering, Inc. Project: 2016-2727 Des Plaines Campus Main Bldg Drin WorkOrder: 1606G24 Temperature of samples upon receipt at SLI: C Date: June 30, 2016 PO #: 2016-2727 QC Level: 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:

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

Client ID:	Hygieneering, Inc.					Repor	t Date: Jur	ne 30, 2016	
Project Name:	2016-2727 Des Pla	ines Camj	pus Main	Bldg Drin	1	Work	korder: 16	06G24	
Client Sample ID:	1600-DF1-A					Ι	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-001	Date R	Received:	06/17/201	6 1:20 PM	Collectio	n Date: 06	/17/2016 7:10 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Met	thod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		ND ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 3:09 AM 06/29/2016 3:09 AM	37484 37484
Client Sample ID:	1600-DF1-B					Ι	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-002	Date R	Received:	06/17/201	6 1:20 PM	Collectio	n Date: 06	/17/2016 7:10 AM	
				Report			Dilution		
Parameter		Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Met	thod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		ND	1,300	100		µg/L	1	06/29/2016 3:12 AM	37484
Lead		ND	15.0	5.00		µg/L	1	06/29/2016 3:12 AM	37484
Client Sample ID:	1600-DF2-A					Ι	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-003	Date R	Received:	06/17/201	6 1:20 PM	Collectio	n Date: 06	/17/2016 7:10 AM	
				Report			Dilution		
Parameter		Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Met	thod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		179	1,300	100		µg/L	1	06/29/2016 3:15 AM	37484
Lead		ND	15.0	5.00		µg/L	1	06/29/2016 3:15 AM	37484
Client Sample ID: Lab ID:	1600-DF2-B 1606G24-004	Date R	Received:	06/17/201	6 1:20 PM	I Collectio	Matrix: DF n Date: 06	RINKING WATER /17/2016 7:10 AM	
				Report			Dilution		
Parameter		Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Met	thod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		225	1,300	100		µg/L	1	06/29/2016 3:18 AM	37484
Lead		ND	15.0	5.00		µg/L	1	06/29/2016 3:18 AM	37484

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

Client ID: Project Name:	Hygieneering, Inc. 2016-2727 Des Pla	ines Cam	pus Main	Bldg Drin		Repor Work	t Date: Jur corder: 16	ne 30, 2016 0 6G24	
Client Sample ID:	1600-DF3-A		<u> </u>				Matrix DF	RINKING WATER	
Lab ID:	1606G24-005	Date R	Received:	06/17/2016	5 1:20 PM	Collection	n Date: 06	/17/2016 7:14 AM	
				Report			Dilution		
Parameter		Result	MCL	, Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Meth	od: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		206 ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 3:21 AM 06/29/2016 3:21 AM	37484 37484
Client Sample ID:	1600-DF3-B					I	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-006	Date R	Received:	06/17/2016	5 1:20 PM	Collectio	n Date: 06	/17/2016 7:14 AM	
				Report			Dilution		
Parameter		Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Meth	od: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		208	1,300	100		µg/L	1	06/29/2016 3:23 AM	37484
Lead		ND	15.0	5.00		µg/L	1	06/29/2016 3:23 AM	37484
Client Sample ID:	1600-DF30-A					Γ	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-007	Date R	Received:	06/17/2016	5 1:20 PM	Collection	n Date: 06	/17/2016 7:17 AM	
				Report			Dilution		
Parameter		Result	MCL	, Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Meth	od: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		253	1,300	100		µg/L	1	06/29/2016 3:35 AM	37484
Lead		ND	15.0	5.00		µg/L	1	06/29/2016 3:35 AM	37484
Client Sample ID:	1600-DF30-B					Ι	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-008	Date R	Received:	06/17/2016	5 1:20 PM	Collection	n Date: 06	/17/2016 7:17 AM	
				Report			Dilution		
Parameter		Result	MCL	, Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Meth	od: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		377	1,300	100		µg/L	1	06/29/2016 3:38 AM	37484
Lead		ND	15.0	5.00		μg/L	1	06/29/2016 3:38 AM	37484

Client ID:	Hygieneering, Inc.					Repor	t Date: Jur	ne 30, 2016	
Project Name:	2016-2727 Des Pla	ines Camj	pus Main	Blag Drif	1	WOFF	Korder: 10	00G24	
Client Sample ID:	1600-DF4-A					I	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-009	Date R	eceived:	06/17/201	16 1:20 PM	Collectio	n Date: 06	/17/2016 7:23 AM	
				Report			Dilution		
Parameter		Result	MCL	, Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Ме	thod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		1,610 ND	1,300 15.0	100 5.00	*	μg/L μg/L	1 1	06/29/2016 3:41 AM 06/29/2016 3:41 AM	37484 37484
Client Sample ID:	1600-DF4-B					1	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-010	Date R	eceived:	06/17/202	16 1:20 PM	Collectio	n Date: 06	/17/2016 7:23 AM	
				Report			Dilution		
Parameter		Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Ме	thod: EPA-200.8-Rev	[,] 5.4, 1994		Analyst: mjs	
Copper		624	1,300	100		μg/L	1	06/29/2016 3:44 AM	37484
Lead		ND	15.0	5.00		µg/L	1	06/29/2016 3:44 AM	37484
Client Sample ID:	1600-DF5-A					I	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-011	Date R	eceived:	06/17/202	16 1:20 PM	Collectio	n Date: 06	/17/2016 7:25 AM	
				Report			Dilution		
Parameter		Result	MCL	, Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Ме	thod: EPA-200.8-Rev	[,] 5.4, 1994		Analyst: mjs	
Copper		ND	1,300	100		μg/L	1	06/29/2016 3:49 AM	37484
Lead		ND	15.0	5.00		μg/L	1	06/29/2016 3:49 AM	37484
Client Sample ID:	1600-DF5-B					I	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-012	Date R	eceived:	06/17/202	16 1:20 PM	Collectio	n Date: 06	/17/2016 7:25 AM	
				Report			Dilution		
Parameter		Result	MCL	, Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Ме	thod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		1,190	1,300	100		μg/L	1	06/29/2016 3:52 AM	37484
Lead		ND	15.0	5.00		µg/L	1	06/29/2016 3:52 AM	37484

Client ID:	Hygieneering, Inc.					Repor	rt Date: Jur	ne 30, 2016	
Project Name:	2016-2727 Des Pla	ines Cam	pus Main	Bldg Dri	n	Worl	korder: 16	06G24	
Client Sample ID: Lab ID:	1600-DF6-A 1606G24-013	Date R	Received:	06/17/20	16 1:20 PM] Collectio	Matrix: DF on Date: 06	RINKING WATER /17/2016 7:28 AM	
Parameter		Result	MCL	Report , Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Me	ethod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		ND ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 3:55 AM 06/29/2016 3:55 AM	37484 37484
Client Sample ID: Lab ID:	1600-DF6-B 1606G24-014	Date R	Received:	06/17/20	16 1:20 PM] Collectio	Matrix: DF on Date: 06	RINKING WATER /17/2016 7:28 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Me	ethod: EPA-200.8-Rev	[,] 5.4, 1994		Analyst: mjs	
Copper Lead		ND ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 3:58 AM 06/29/2016 3:58 AM	37484 37484
Client Sample ID: Lab ID:	1600-DF7 1606G24-015	Date R	Received:	06/17/20	16 1:20 PM] Collectio	Matrix: DF n Date: 06	RINKING WATER /17/2016 7:32 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Me	ethod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		ND ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 4:09 AM 06/29/2016 4:09 AM	37484 37484
Client Sample ID: Lab ID:	1600-K51507 1606G24-016	Date R	Received:	06/17/20	16 1:20 PM] Collectio	Matrix: DF on Date: 06	RINKING WATER /17/2016 7:40 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Me	ethod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		ND ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 4:12 AM 06/29/2016 4:12 AM	37484 37484

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

Client ID:	Hygieneering, Inc.					Repor	t Date: Jur	ne 30, 2016	
Project Name:	2016-2727 Des Pla	ines Cam	pus Main	Bldg Drin		Work	korder: 16)6G24	
Client Sample ID:	1600-DF9-A					Ι	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-017	Date R	Received:	06/17/201	6 1:20 PM	Collection	n Date: 06	/17/2016 7:43 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Meth	nod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		ND ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 4:15 AM 06/29/2016 4:15 AM	37484 37484
Client Sample ID:	1600-DF9-B					Ι	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-018	Date R	Received:	06/17/201	6 1:20 PM	Collectio	n Date: 06	/17/2016 7:43 AM	
				Report			Dilution		
Parameter		Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Meth	nod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		ND ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 4:18 AM 06/29/2016 4:18 AM	37484 37484
Client Sample ID:	1600-DF9-C					Ι	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-019	Date R	Received:	06/17/201	6 1:20 PM	Collection	n Date: 06	/17/2016 7:44 AM	
				Report			Dilution		
Parameter		Result	MCL	, Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Meth	nod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		ND	1,300	100		µg/L	1	06/29/2016 4:21 AM	37484
Lead	1600 DE10	ND	15.0	5.00		µg/L	1	06/29/2016 4:21 AM	37484
Lab ID:	1606G24-020	Date R	Received:	06/17/201	6 1:20 PM	I Collection	Matrix: DF n Date: 06	RINKING WATER /17/2016 7:46 AM	
				Report			Dilution		
Parameter		Result	MCL	, Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Meth	nod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		143	1,300	100		µg/L	1	06/29/2016 4:24 AM	37484
Lead		ND	15.0	5.00		μg/L	1	06/29/2016 4:24 AM	37484

Client ID: 1 Project Name: 7	Hygieneering, Inc.	nes Cami	nus Main	Bldg Driv	2	Repor Work	t Date: Jur	ne 30, 2016	
		nies Camj	pus Main		1	WUIR		00024	
Client Sample ID: 1	600-DF11-A			06/17/20	16 1.20 DM	Ν	Matrix: DF	RINKING WATER	
	606G24-021	Date R	leceivea:	06/17/20	16 1:20 PM	Collection	n Date: 06	/17/2016 7:47 AM	
Danamatan		Dogral4	мст	Report	Onal	T Ins \$4 m	Dilution	Doto Analyzad	Datah ID
Farameter		Kesuit	MCL		Qual.	Units	ractor	Date Analyzeu	Datch ID
METALS BY ICPMS				Me	thod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		ND	1,300	100		µg/L	1	06/29/2016 4:47 AM	37485
Lead		ND	15.0	5.00		µg/L	1	06/29/2016 4:47 AM	37485
Client Sample ID: 1	600-DF11-B					Ν	Matrix: DF	RINKING WATER	
Lab ID: 1	606G24-022	Date R	Received:	06/17/20	16 1:20 PM	Collection	n Date: 06	/17/2016 7:47 AM	
				Report			Dilution		
Parameter		Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Me	thod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		ND	1,300	100		µg/L	1	06/29/2016 4:50 AM	37485
Lead		ND	15.0	5.00		µg/L	1	06/29/2016 4:50 AM	37485
Client Sample ID: 1	600-DF12-A					Ν	Matrix: DF	RINKING WATER	
Lab ID: 1	606G24-023	Date R	Received:	06/17/20	16 1:20 PM	Collection	n Date: 06	/17/2016 7:49 AM	
				Report			Dilution		
Parameter		Result	MCL	, Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Me	thod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		148	1,300	100		µg/L	1	06/29/2016 4:53 AM	37485
Lead		ND	15.0	5.00		µg/L	1	06/29/2016 4:53 AM	37485
Client Sample ID: 1	600-DF10-B					Ν	Matrix: DF	RINKING WATER	
Lab ID: 1	606G24-024	Date R	Received:	06/17/20	16 1:20 PM	Collection	n Date: 06	/17/2016 7:49 AM	
				Report			Dilution		
Parameter		Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Ме	thod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		167	1,300	100		µg/L	1	06/29/2016 4:55 AM	37485
Lead		ND	15.0	5.00		µg/L	1	06/29/2016 4:55 AM	37485

Client ID: Project Name:	Hygieneering, Inc. 2016-2727 Des Plai	nes Camj	pus Main	Bldg Drir	1	Repor Work	t Date: Jur corder: 16	ne 30, 2016 06G24	
Client Sample ID: Lab ID:	1600-DF13-A 1606G24-025	Date R	eceived:	06/17/201	16 1:20 PM	N Collection	Matrix: DF n Date: 06	RINKING WATER /17/2016 7:50 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Ме	thod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		ND ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 4:58 AM 06/29/2016 4:58 AM	37485 37485
Client Sample ID: Lab ID:	1600-DF13-B 1606G24-026	Date R	eceived:	06/17/201	16 1:20 PM	N Collection	Matrix: DF n Date: 06	RINKING WATER /17/2016 7:50 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Ме	thod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		ND ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 5:01 AM 06/29/2016 5:01 AM	37485 37485
Client Sample ID: Lab ID:	1600-DF14-A 1606G24-027	Date R	eceived:	06/17/201	16 1:20 PM	N Collection	Matrix: DF n Date: 06	RINKING WATER /17/2016 7:51 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Me	thod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		ND ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 5:04 AM 06/29/2016 5:04 AM	37485 37485
Client Sample ID: Lab ID:	1600-DF14-B 1606G24-028	Date R	eceived:	06/17/201	16 1:20 PM	N Collection	Matrix: DF n Date: 06	RINKING WATER /17/2016 7:51 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Ме	thod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		ND ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 5:07 AM 06/29/2016 5:07 AM	37485 37485

Client ID: Project Name:	Hygieneering, Inc.	ines Cam	nus Main	Bldg Drir		Repor Work	t Date: Jur	ne 30, 2016	
		mes cam	pus Main		1	VV OI F		00324	
Client Sample ID:	1600-DF28-A	D-4- D		06/17/201	1 C 1 20 DM	Γ	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-029	Date R	teceived:	06/17/201	16 1:20 PM	Collection	n Date: 06	/17/2016 8:00 AM	
Danamatan		D o genel4	мет	Report	Onal	T Inst 4 or	Dilution	Dete Analyzed	Datah ID
Parameter		Kesuit	MCL		Qual.	Units	Factor	Date Analyzeu	Datch ID
METALS BY ICPMS				Me	thod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		269	1,300	100		µg/L	1	06/29/2016 5:19 AM	37485
Lead		ND	15.0	5.00		µg/L	1	06/29/2016 5:19 AM	37485
Client Sample ID:	1600-DF28-B					Ι	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-030	Date R	Received:	06/17/201	16 1:20 PM	Collection	n Date: 06	/17/2016 8:00 AM	
				Report			Dilution		
Parameter		Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Me	thod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		329	1,300	100		µg/L	1	06/29/2016 5:21 AM	37485
Lead		ND	15.0	5.00		µg/L	1	06/29/2016 5:21 AM	37485
Client Sample ID:	1600-K52911					Γ	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-031	Date R	Received:	06/17/201	16 1:20 PM	Collection	n Date: 06	/17/2016 8:04 AM	
				Report			Dilution		
Parameter		Result	MCL	, Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Me	thod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		403	1,300	100		µg/L	1	06/29/2016 5:27 AM	37485
Lead		ND	15.0	5.00		µg/L	1	06/29/2016 5:27 AM	37485
Client Sample ID:	1600-DF15					Ι	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-032	Date R	Received:	06/17/201	16 1:20 PM	Collection	n Date: 06	/17/2016 8:05 AM	
				Report			Dilution		
Parameter		Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Ме	thod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		253	1,300	100		µg/L	1	06/29/2016 5:30 AM	37485
Lead		ND	15.0	5.00		µg/L	1	06/29/2016 5:30 AM	37485

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Client ID: F Project Name: 2	Hygieneering, Inc. 2016-2727 Des Plair	nes Camj	pus Main	Bldg Drir	1	Repor Work	t Date: Jur corder: 16	ne 30, 2016 0 6G24	
Client Sample ID: 10 Lab ID: 10	600-K51460-A 606G24-033	Date R	Received:	06/17/201	16 1:20 PM	I Collectio	Matrix: DF n Date: 06	RINKING WATER /17/2016 8:10 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Me	thod: EPA-200.8-Rev	v 5.4, 1994		Analyst: mjs	
Copper Lead		ND ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 5:33 AM 06/29/2016 5:33 AM	37485 37485
Client Sample ID: 10 Lab ID: 10	600-K51460-B 606G24-034	Date R	Received:	06/17/201	16 1:20 PM	I Collectio	Matrix: DF n Date: 06	RINKING WATER /17/2016 8:10 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Ме	thod: EPA-200.8-Rev	v 5.4, 1994		Analyst: mjs	
Copper Lead		ND ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 5:36 AM 06/29/2016 5:36 AM	37485 37485
Client Sample ID: 10 Lab ID: 10	600-K51460-C 606G24-035	Date R	Received:	06/17/201	16 1:20 PM	I Collectio	Matrix: DF n Date: 06	RINKING WATER /17/2016 8:10 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Me	thod: EPA-200.8-Rev	v 5.4, 1994		Analyst: mjs	

Copper	ND	1,300	100		µg/L	1	06/29/2016 5:39 AM	37485
Lead	ND	15.0	5.00		µg/L	1	06/29/2016 5:39 AM	37485
Client Sample ID: 1600-K51460-D Lab ID: 1606G24-036	Date R	eceived:	06/17/2016	5 1:20 PM	N Collection	fatrix: DF 1 Date: 06	RINKING WATER /17/2016 8:11 AM	
Parameter	Result	MCL	Report , Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Meth	od: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper	ND	1,300	100		µg/L	1	06/29/2016 5:41 AM	37485

µg/L

1

ND

15.0

5.00

Lead

37485

06/29/2016 5:41 AM

Client ID:	Hygieneering, Inc					Repor	t Date: Jur	ne 30, 2016	
Project Name:	2016-2727 Des Pl	aines Camj	pus Main	Bldg Drin		Work	korder: 16	06G24	
Client Sample ID:	1600-DF34-A					Γ	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-037	Date R	eceived:	06/17/201	6 1:20 PM	Collection	n Date: 06	/17/2016 8:14 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Met	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		176 ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 5:53 AM 06/29/2016 5:53 AM	37485 37485
Client Sample ID:	1600-DF34-B					Ν	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-038	Date R	eceived:	06/17/201	6 1:20 PM	Collectio	n Date: 06	/17/2016 8:14 AM	
				Report			Dilution		
Parameter		Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Met	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		138 ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 5:56 AM 06/29/2016 5:56 AM	37485 37485
Client Sample ID:	1600-DF33-A					I	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-039	Date R	eceived:	06/17/201	6 1:20 PM	Collection	n Date: 06	/17/2016 8:17 AM	
				Report			Dilution		
Parameter		Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Met	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		172 ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 5:59 AM 06/29/2016 5:59 AM	37485 37485
Client Sample ID:	1600-DF33-B					Ν	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-040	Date R	eceived:	06/17/201	6 1:20 PM	Collectio	n Date: 06	/17/2016 8:17 AM	
				Report			Dilution		
Parameter		Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Met	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		154 ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 6:02 AM 06/29/2016 6:02 AM	37485 37485

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Client ID:	Hygieneering, Inc.					Repor	t Date: Jur	ne 30, 2016	
Project Name:	2016-2727 Des Pla	ines Cam	pus Main	Bldg Drin		Work	korder: 16	06G24	
Client Sample ID:	1600-DF32					Γ	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-041	Date R	Received:	06/17/201	6 1:20 PM	Collection	n Date: 06	/17/2016 8:18 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Met	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		353 ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 6:16 AM 06/29/2016 6:16 AM	37486 37486
Client Sample ID:	1600-DF31					I	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-042	Date R	Received:	06/17/201	6 1:20 PM	Collectio	n Date: 06	/17/2016 8:20 AM	
				Report			Dilution		
Parameter		Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Met	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		339 ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 6:27 AM 06/29/2016 6:27 AM	37486 37486
Client Sample ID:	1600-K51638					Ι	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-043	Date R	Received:	06/17/201	6 1:20 PM	Collection	n Date: 06	/17/2016 8:22 AM	
				Report			Dilution		
Parameter		Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Met	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		ND ND	1,300 15.0	100 5.00		µg/L µg/L	1 1	06/29/2016 6:30 AM 06/29/2016 6:30 AM	37486 37486
Client Sample ID:	1600-DF37						Matrix DF	RINKING WATER	
Lab ID:	1606G24-044	Date R	Received:	06/17/201	6 1:20 PM	Collection	n Date: 06	/17/2016 8:23 AM	
				Report			Dilution		
Parameter		Result	MCL	_ Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Met	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		377	1,300	100		µg/L	1	06/29/2016 6:33 AM	37486
Lead		ND	15.0	5.00		µg/L	1	06/29/2016 6:33 AM	37486

Client ID: Project Name:	Hygieneering, Inc. 2016-2727 Des Plai	ines Camj	pus Main	Bldg Drin	L	Repor Work	t Date: Jur corder: 16	ne 30, 2016 06G24	
Client Sample ID: Lab ID:	1600-DF36-A 1606G24-045	Date R	Received:	06/17/201	6 1:20 PM	N Collection	Matrix: DF n Date: 06	RINKING WATER /17/2016 8:27 AM	
Parameter		Result	MCL	Report Limit	Oual.	Units	Dilution Factor	Date Analyzed	Batch ID
						C III IS		2 400 1 11111 9 20 4	20000112
METALS BY ICPMS				Met	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		187 ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 6:36 AM 06/29/2016 6:36 AM	37486 37486
Client Sample ID:	1600-DF36-B					Ν	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-046	Date R	Received:	06/17/201	6 1:20 PM	Collection	n Date: 06	/17/2016 8:27 AM	
				Report			Dilution		
Parameter		Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Met	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		215 ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 6:39 AM 06/29/2016 6:39 AM	37486 37486
Client Sample ID:	1600-DF35-A					Ν	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-047	Date R	Received:	06/17/201	6 1:20 PM	Collection	n Date: 06	/17/2016 8:30 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Met	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		146 ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 6:42 AM 06/29/2016 6:42 AM	37486 37486
Client Sample ID:	1600-DF35-B					Ν	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-048	Date R	Received:	06/17/201	6 1:20 PM	Collection	n Date: 06	/17/2016 8:30 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Met	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		186 ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 6:45 AM 06/29/2016 6:45 AM	37486 37486

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Client ID:	Hygieneering, Inc.					Repor	t Date: Jur	ne 30, 2016	
Project Name:	2016-2727 Des Pla	laines Campus Main Bldg DrinWorkorder: 1606G24							
Client Sample ID:	1600-DF8-A]	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-049	Date R	Received:	06/17/201	6 1:20 PM	Collectio	n Date: 06	/17/2016 8:34 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Meth	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		150 ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 6:47 AM 06/29/2016 6:47 AM	37486 37486
Client Sample ID:	1600-DF8-B]	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-050	Date R	Received:	06/17/201	6 1:20 PM	Collectio	n Date: 06	/17/2016 8:34 AM	
				Report			Dilution		
Parameter		Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Meth	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		112	1,300	100		µg/L	1	06/29/2016 6:50 AM	37486
Lead		ND	15.0	5.00		µg/L	1	06/29/2016 6:50 AM	37486
Client Sample ID:	1600-DF29-A]	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-051	Date R	Received:	06/17/201	6 1:20 PM	Collectio	n Date: 06	/17/2016 8:36 AM	
				Report			Dilution		
Parameter		Result	MCL	/ Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Meth	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		113	1,300	100		µg/L	1	06/29/2016 7:05 AM	37486
Lead		ND	15.0	5.00		µg/L	1	06/29/2016 7:05 AM	37486
Client Sample ID: Lab ID:	1600-DF29-B 1606G24-052	Date R	Received:	06/17/201	6 1:20 PM	[Collectio	Matrix: DF n Date: 06	RINKING WATER /17/2016 8:36 AM	
				Doport			Dilution		
Parameter		Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Meth	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		129	1,300	100		µg/L	1	06/29/2016 7:08 AM	37486
Lead		ND	15.0	5.00		µg/L	1	06/29/2016 7:08 AM	37486

Client ID:	Hygieneering, Inc.	inas Cam	nua Main	Dida Dair		Repor	t Date: Jur	ne 30, 2016	
		ines Camj	pus Main		1	VV UI F		00(324	
Client Sample ID:	1600-DF22-A	D (D		06/17/201		Ι	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-053	Date R	leceived:	06/17/201	16 1:20 PM	Collectio	n Date: 06	/17/2016 8:39 AM	
				Report			Dilution		
Parameter		Result	MCL	, Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Me	thod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		216	1,300	100		µg/L	1	06/29/2016 7:11 AM	37486
Lead		ND	15.0	5.00		μg/L	1	06/29/2016 7:11 AM	37486
Client Sample ID:	1600-DF22-B					Ι	Matrix: DI	RINKING WATER	
Lab ID:	1606G24-054	Date R	Received:	06/17/201	16 1:20 PM	Collectio	n Date: 06	/17/2016 8:39 AM	
				Report			Dilution		
Parameter		Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Me	thod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		214	1,300	100		µg/L	1	06/29/2016 7:13 AM	37486
Lead		ND	15.0	5.00		µg/L	1	06/29/2016 7:13 AM	37486
Client Sample ID:	1600-K52402					1	Matrix: DI	RINKING WATER	
Lab ID:	1606G24-055	Date R	Received:	06/17/201	16 1:20 PM	Collectio	n Date: 06	/17/2016 8:42 AM	
				Report			Dilution		
Parameter		Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Me	thod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		ND	1,300	100		µg/L	1	06/29/2016 7:16 AM	37486
Lead		ND	15.0	5.00		µg/L	1	06/29/2016 7:16 AM	37486
Client Sample ID:	1600-DF20-A					Γ	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-056	Date R	Received:	06/17/201	16 1:20 PM	Collectio	n Date: 06	/17/2016 8:44 AM	
				Report			Dilution		
Parameter		Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Ме	thod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		ND	1,300	100		µg/L	1	06/29/2016 7:19 AM	37486
Lead		ND	15.0	5.00		µg/L	1	06/29/2016 7:19 AM	37486

Client ID:	Hygieneering, Inc.					Repor	t Date: Jur	ne 30, 2016		
Project Name:	2016-2727 Des Pla	aines Camj	pus Main	Bldg Drin		Workorder: 1606G24				
Client Sample ID: Lab ID:	1600-DF20-B 1606G24-057	Date R	eceived:	06/17/201	6 1:20 PM	Matrix: DRINKING WATER 5 1:20 PM Collection Date: 06/17/2016 8:44 AM				
Parameter		Result	MCL	Report , Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID	
METALS BY ICPMS				Met	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs		
Copper Lead		100 ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 7:22 AM 06/29/2016 7:22 AM	37486 37486	
Client Sample ID: Lab ID:	1600-DF19-A 1606G24-058	Matrix: DRINKING WATER Date Received: 06/17/2016 1:20 PM Collection Date: 06/17/2016 8:46 AM								
Parameter		Result	MCL	Report , Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID	
METALS BY ICPMS				Met	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs		
Copper Lead		ND ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 7:25 AM 06/29/2016 7:25 AM	37486 37486	
Client Sample ID: Lab ID:	1600-DF19-B 1606G24-059	Date R	eceived:	06/17/201	6 1:20 PM	I Collectio	Matrix: DF n Date: 06	RINKING WATER /17/2016 8:46 AM		
Parameter		Result	MCL	Report , Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID	
METALS BY ICPMS				Met	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs		
Copper Lead		ND ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 7:37 AM 06/29/2016 7:37 AM	37486 37486	
Client Sample ID: Lab ID:	1600-DF18-A 1606G24-060	Date R	eceived:	06/17/201	6 1:20 PM	I Collectio	Matrix: DF n Date: 06	RINKING WATER /17/2016 8:52 AM		
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID	
METALS BY ICPMS				Met	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs		
Copper Lead		ND ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 7:39 AM 06/29/2016 7:39 AM	37486 37486	

Client ID:	Hygieneering, Inc.					Repor	t Date: Jur	ne 30, 2016		
Project Name:	2016-2727 Des Pla	ines Camj	pus Main	Bldg Drin	Workorder: 1606G24					
Client Sample ID: Lab ID:	1600-DF18-B 1606G24-061	Date R	eceived:	06/17/201	6 1:20 PM] Collectio	Matrix: DF n Date: 06	RINKING WATER /17/2016 8:52 AM		
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID	
METALS BY ICPMS				Met	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs		
Copper Lead		ND ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 7:54 AM 06/29/2016 7:54 AM	37487 37487	
Client Sample ID: Lab ID:	1600-DF21-A 1606G24-062	Date R	eceived:	06/17/201	6 1:20 PM] Collectio	Matrix: DF n Date: 06	RINKING WATER /17/2016 8:55 AM		
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID	
METALS BY ICPMS				Met	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs		
Copper Lead		ND ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 7:57 AM 06/29/2016 7:57 AM	37487 37487	
Client Sample ID: Lab ID:	1600-DF24-A 1606G24-063	Date R	eceived:	06/17/201	.6 1:20 PM] Collectio	Matrix: DF n Date: 06	RINKING WATER /17/2016 8:59 AM		
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID	
METALS BY ICPMS				Met	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs		
Copper Lead		ND ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 8:00 AM 06/29/2016 8:00 AM	37487 37487	
Client Sample ID: Lab ID:	1600-DF24-B 1606G24-064	Date R	eceived:	06/17/201	6 1:20 PM] Collectio	Matrix: DF n Date: 06	RINKING WATER /17/2016 8:59 AM		
Parameter		Result	MCL	Report , Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID	
METALS BY ICPMS				Met	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs		
Copper Lead		ND ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 8:11 AM 06/29/2016 8:11 AM	37487 37487	

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

ND

15.0

5.00

µg/L

1

Client ID: Project Name:	Hygieneering, Inc. 2016-2727 Des Plai	nes Camj	pus Main	Bldg Di	rin	Repor Work	t Date: Jur corder: 16	ne 30, 2016 06G24	
Client Sample ID: Lab ID:	1600-DF24-C 1606G24-065	Date R	Received:	06/17/2	016 1:20 PM	N Collection	Matrix: DF n Date: 06	RINKING WATER /17/2016 8:59 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Γ	Method: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		ND ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 8:14 AM 06/29/2016 8:14 AM	37487 37487
Client Sample ID: Lab ID:	1600-DF25-A 1606G24-066	Date R	Received:	06/17/2	016 1:20 PM	N Collection	Matrix: DF n Date: 06	RINKING WATER /17/2016 9:02 AM	
Parameter		Result	MCL	Report Limit	d Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Γ	Method: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		ND ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 8:17 AM 06/29/2016 8:17 AM	37487 37487
Client Sample ID: Lab ID:	1600-DF25-B 1606G24-067	Date R	Received:	06/17/2	016 1:20 PM	N Collection	Matrix: DF n Date: 06	RINKING WATER /17/2016 9:02 AM	
Parameter		Result	MCL	Report Limit	d Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Γ	Method: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		ND ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 8:20 AM 06/29/2016 8:20 AM	37487 37487
Client Sample ID: Lab ID:	1600-DF27-A 1606G24-068	Date R	Received:	06/17/2	016 1:20 PM	N Collection	Matrix: DF n Date: 06	RINKING WATER /17/2016 9:05 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				ſ	Method: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		ND	1,300	100		µg/L	1	06/29/2016 8:23 AM	37487

Lead

37487

06/29/2016 8:23 AM

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Client ID:	Hygieneering, Inc.					Repor	t Date: Jur	ne 30, 2016	
Project Name:	2016-2727 Des Pla	laines Campus Main Bldg DrinWorkorder: 1606G24							
Client Sample ID:	1600-DF27-B					Ν	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-069	Date R	Received:	06/17/201	6 1:20 PM	Collection	n Date: 06	/17/2016 9:05 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Met	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper Lead		ND ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/29/2016 8:26 AM 06/29/2016 8:26 AM	37487 37487
Client Sample ID:	1600-DF26-A					Ι	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-070	Date R	Received:	06/17/201	6 1:20 PM	Collection	n Date: 06	/17/2016 9:07 AM	
				Report			Dilution		
Parameter		Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Met	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		157	1,300	100		µg/L	1	06/29/2016 8:29 AM	37487
Lead		ND	15.0	5.00		µg/L	1	06/29/2016 8:29 AM	37487
Client Sample ID:	1600-DF26-B					Γ	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-071	Date R	Received:	06/17/201	6 1:20 PM	Collection	n Date: 06	/17/2016 9:07 AM	
				Report		•.	Dilution		
Parameter		Result	MCL	/ Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Met	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		ND	1,300	100		µg/L	1	06/29/2016 8:34 AM	37487
	1/00 1/50511	ND	15.0	5.00		µg/L	1	06/29/2016 8:34 AM	37487
Lab ID:	1606G24-072	Date R	Received:	06/17/201	6 1:20 PM	I Collection	Matrix: DF n Date: 06	RINKING WATER /17/2016 9:15 AM	
				Report			Dilution		
Parameter		Result	MCL	. Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Met	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		138	1,300	100		µg/L	1	06/29/2016 8:46 AM	37487
Lead		ND	15.0	5.00		µg/L	1	06/29/2016 8:46 AM	37487

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Client ID:	Hygieneering, Inc.					Repor	t Date: Jur	ne 30, 2016	
Project Name:	2016-2727 Des Pla	laines Campus Main Bldg Drin Workorder: 1606G24							
Client Sample ID:	1600-DF17					Γ	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-073	Date R	Received:	06/17/201	6 1:20 PM	Collection	n Date: 06	/17/2016 9:16 AM	
				Report			Dilution		
Parameter		Result	MCL	, Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Met	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		ND	1,300	100		µg/L	1	06/29/2016 8:49 AM	37487
Lead		ND	15.0	5.00		μg/L	1	06/29/2016 8:49 AM	37487
Client Sample ID:	1600-DF16-A					Γ	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-074	Date R	Received:	06/17/201	6 1:20 PM	Collectio	n Date: 06	/17/2016 9:20 AM	
		Report Dilution							
Parameter		Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Met	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		308	1,300	100		µg/L	1	06/29/2016 8:52 AM	37487
Lead		ND	15.0	5.00		µg/L	1	06/29/2016 8:52 AM	37487
Client Sample ID:	1600-DF16-B					Ι	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-075	Date R	Received:	06/17/201	6 1:20 PM	Collectio	n Date: 06	/17/2016 9:20 AM	
				Report			Dilution		
Parameter		Result	MCL	, Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Met	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		666	1,300	100		µg/L	1	06/29/2016 8:55 AM	37487
Lead		ND	15.0	5.00		μg/L	1	06/29/2016 8:55 AM	37487
Client Sample ID:	1600-KJ0715					Γ	Matrix: DF	RINKING WATER	
Lab ID:	1606G24-076	Date R	Received:	06/17/201	6 1:20 PM	Collection	n Date: 06	/17/2016 9:22 AM	
				Report			Dilution		
Parameter		Result	MCL	, Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Met	hod: EPA-200.8-Rev	5.4, 1994		Analyst: mjs	
Copper		ND	1,300	100		µg/L	1	06/29/2016 8:57 AM	37487
Lead		ND	15.0	5.00		µg/L	1	06/29/2016 8:57 AM	37487



Client ID:	Hygieneering, Inc.	ygieneering, Inc.					Report Date: June 30, 2016			
Project Name:	2016-2727 Des Pla	ines Campı	ıs Main Bldg Drin	Workorder: 1606G24						
Client Sample ID:	1600-KJ0724				Ν	latrix: DR	INKING WATER			
Lab ID:	1606G24-077	Date Re	ceived: 06/17/2016 1:2	Collection	Date: 06/	/17/2016 9:24 AM				
			Report			Dilution				
Parameter		Result	MCL Limit	Qual.	Units	Factor	Date Analyzed	Batch ID		
			Mathed. 5	DA 000 0 Day	E 4 4004		Anglysty mis			
METALS BY ICPMS		Method: EPA-200.8-Rev					Analyst: mjs			

METALS BTICFINS				EI A-200.0-Nev 3.4, 1334		, maryon mjo	
Copper	ND	1,300	100	µg/L	1	06/29/2016 9:00 AM	37487
Lead	ND	15.0	5.00	µg/L	1	06/29/2016 9:00 AM	37487



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

PREP DATES REPORT

Client: Project:

Hygieneering, Inc.

2016-2727 Des Plaines Campus M

Report Date: June 30, 2016 Lab Order: 1606G24

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1606G24-001A	6/17/2016 7:10:00 A	37484	TURB_METALS	Turbidity Check		6/28/2016
1606G24-002A		37484	TURB_METALS	Turbidity Check		6/28/2016
1606G24-003A		37484	TURB_METALS	Turbidity Check		6/28/2016
1606G24-004A		37484	TURB_METALS	Turbidity Check		6/28/2016
1606G24-005A	6/17/2016 7:14:00 A	37484	TURB_METALS	Turbidity Check		6/28/2016
1606G24-006A		37484	TURB_METALS	Turbidity Check		6/28/2016
1606G24-007A	6/17/2016 7:17:00 A	37484	TURB_METALS	Turbidity Check		6/28/2016
1606G24-008A		37484	TURB_METALS	Turbidity Check		6/28/2016
1606G24-009A	6/17/2016 7:23:00 A	37484	TURB_METALS	Turbidity Check		6/28/2016
1606G24-010A		37484	TURB_METALS	Turbidity Check		6/28/2016
1606G24-011A	6/17/2016 7:25:00 A	37484	TURB_METALS	Turbidity Check		6/28/2016
1606G24-012A		37484	TURB_METALS	Turbidity Check		6/28/2016
1606G24-013A	6/17/2016 7:28:00 A	37484	TURB_METALS	Turbidity Check		6/28/2016
1606G24-014A		37484	TURB METALS	Turbidity Check		6/28/2016
1606G24-015A	6/17/2016 7:32:00 A	37484	TURB METALS	Turbidity Check		6/28/2016
1606G24-016A	6/17/2016 7:40:00 A	37484	TURB METALS	Turbidity Check		6/28/2016
1606G24-017A	6/17/2016 7:43:00 A	37484	TURB METALS	Turbidity Check		6/28/2016
1606G24-018A		37484	TURB METALS	Turbidity Check		6/28/2016
1606G24-019A	6/17/2016 7:44:00 A	37484	TURB METALS	Turbidity Check		6/28/2016
1606G24-020A	6/17/2016 7:46:00 A	37484	TURB METALS	Turbidity Check		6/28/2016
1606G24-021A	6/17/2016 7:47:00 A	37485	TURB METALS	Turbidity Check		6/28/2016
1606G24-022A		37485	TURB METALS	Turbidity Check		6/28/2016
1606G24-023A	6/17/2016 7:49:00 A	37485	TURB METALS	Turbidity Check		6/28/2016
1606G24-024A		37485	TURB METALS	Turbidity Check		6/28/2016
1606G24-025A	6/17/2016 7:50:00 A	37485	TURB METALS	Turbidity Check		6/28/2016
1606G24-026A		37485	TURB METALS	Turbidity Check		6/28/2016
1606G24-027A	6/17/2016 7:51:00 A	37485	TURB METALS	Turbidity Check		6/28/2016
1606G24-028A		37485	TURB METALS	Turbidity Check		6/28/2016
1606G24-029A	6/17/2016 8:00:00 A	37485	TURB_METALS	Turbidity Check		6/28/2016
1606G24-030A		37485	TURB_METALS	Turbidity Check		6/28/2016
1606G24-031A	6/17/2016 8:04:00 A	37485	TURB METALS	Turbidity Check		6/28/2016
1606G24-032A	6/17/2016 8:05:00 A	37485	TURB METALS	Turbidity Check		6/28/2016
1606G24-033A	6/17/2016 8:10:00 A	37485	TURB_METALS	Turbidity Check		6/28/2016
1606G24-034A		37485	TURB METALS	Turbidity Check		6/28/2016
1606G24-035A		37485	TURB_METALS	Turbidity Check		6/28/2016
1606G24-036A	6/17/2016 8:11:00 A	37485	TURB_METALS	Turbidity Check		6/28/2016
1606G24-037A	6/17/2016 8:14:00 A	37485	TURB_METALS	Turbidity Check		6/28/2016
1606G24-038A		37485	TURB_METALS	Turbidity Check		6/28/2016
1606G24-039A	6/17/2016 8:17:00 A	37485	TURB_METALS	Turbidity Check		6/28/2016
1606G24-040A		37485	TURB_METALS	Turbidity Check		6/28/2016
1606G24-041A	6/17/2016 8:18:00 A	37486	TURB_METALS	Turbidity Check		6/28/2016
1606G24-042A	6/17/2016 8:20:00 A	37486	TURB_METALS	Turbidity Check		6/28/2016
1606G24-043A	6/17/2016 8:22:00 A	37486	TURB_METALS	Turbidity Check		6/28/2016
1606G24-044A	6/17/2016 8:23:00 A	37486	TURB_METALS	Turbidity Check		6/28/2016
1606G24-045A	6/17/2016 8:27:00 A	37486	TURB_METALS	Turbidity Check		6/28/2016
1606G24-046A		37486	TURB_METALS	Turbidity Check		6/28/2016
1606G24-047A	6/17/2016 8:30:00 A	37486	TURB_METALS	Turbidity Check		6/28/2016



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PREP DATES REPORT

Client: Project:

Hygieneering, Inc. 2016-2727 Des Plaines Campus M Report Date: June 30, 2016 Lab Order: 1606G24

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1606G24-048A	6/17/2016 8:30:00 A	37486	TURB_METALS	Turbidity Check		6/28/2016
1606G24-049A	6/17/2016 8:34:00 A	37486	TURB_METALS	Turbidity Check		6/28/2016
1606G24-050A		37486	TURB_METALS	Turbidity Check		6/28/2016
1606G24-051A	6/17/2016 8:36:00 A	37486	TURB_METALS	Turbidity Check		6/28/2016
1606G24-052A		37486	TURB_METALS	Turbidity Check		6/28/2016
1606G24-053A	6/17/2016 8:39:00 A	37486	TURB_METALS	Turbidity Check		6/28/2016
1606G24-054A		37486	TURB_METALS	Turbidity Check		6/28/2016
1606G24-055A	6/17/2016 8:42:00 A	37486	TURB_METALS	Turbidity Check		6/28/2016
1606G24-056A	6/17/2016 8:44:00 A	37486	TURB_METALS	Turbidity Check		6/28/2016
1606G24-057A		37486	TURB_METALS	Turbidity Check		6/28/2016
1606G24-058A	6/17/2016 8:46:00 A	37486	TURB_METALS	Turbidity Check		6/28/2016
1606G24-059A		37486	TURB_METALS	Turbidity Check		6/28/2016
1606G24-060A	6/17/2016 8:52:00 A	37486	TURB_METALS	Turbidity Check		6/28/2016
1606G24-061A		37487	TURB_METALS	Turbidity Check		6/28/2016
1606G24-062A	6/17/2016 8:55:00 A	37487	TURB_METALS	Turbidity Check		6/28/2016
1606G24-063A	6/17/2016 8:59:00 A	37487	TURB_METALS	Turbidity Check		6/28/2016
1606G24-064A		37487	TURB_METALS	Turbidity Check		6/28/2016
1606G24-065A		37487	TURB_METALS	Turbidity Check		6/28/2016
1606G24-066A	6/17/2016 9:02:00 A	37487	TURB_METALS	Turbidity Check		6/28/2016
1606G24-067A		37487	TURB_METALS	Turbidity Check		6/28/2016
1606G24-068A	6/17/2016 9:05:00 A	37487	TURB_METALS	Turbidity Check		6/28/2016
1606G24-069A		37487	TURB_METALS	Turbidity Check		6/28/2016
1606G24-070A	6/17/2016 9:07:00 A	37487	TURB_METALS	Turbidity Check		6/28/2016
1606G24-071A		37487	TURB_METALS	Turbidity Check		6/28/2016
1606G24-072A	6/17/2016 9:15:00 A	37487	TURB_METALS	Turbidity Check		6/28/2016
1606G24-073A	6/17/2016 9:16:00 A	37487	TURB_METALS	Turbidity Check		6/28/2016
1606G24-074A	6/17/2016 9:20:00 A	37487	TURB_METALS	Turbidity Check		6/28/2016
1606G24-075A		37487	TURB_METALS	Turbidity Check		6/28/2016
1606G24-076A	6/17/2016 9:22:00 A	37487	TURB_METALS	Turbidity Check		6/28/2016
1606G24-077A	6/17/2016 9:24:00 A	37487	TURB_METALS	Turbidity Check		6/28/2016



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Qualifier Definitions

WO#: **1606G24** Date: **6/30/2016**

Qualifiers:

*/X	Value exceeds Maximum Contaminant Level
В	Analyte detected in the associated Method Blank
С	Value is below Minimum Concentration Limit
с	Analyte not in SLI scope of accredidation
E	Estimated, detected above quantitation range
G	Refer to case narrative page for specific comments
Н	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limit (QL)
Ν	Tentatively identified compounds
ND	Not Detected at the Reporting Limit
Р	Present
Q	Accredidation is not available from Wisconsin
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
Т	Analyte detected in sample trip blank

			CHAIN O		RUOBD	#
1950 S. Batavia Ave. Geneva, IL 60134	rel. 708.544.3260	Fax: 708.544.8587	Toll Free: 800.783.L/	BS www.suburbanl	labs.com	Electronic Version
COMPANY NAME HYGIENEERING, INC.		TURNAROUND TIN	NE REQUESTED	ANALYSIS & METHOD F	REQUESTED	Page / of 7_{32}
Company Address 7575 PLAZA CT.		Normal RUSH	* Additional Rush Charges Approved.	Enter an "X" in box belo	w for request	PONO. 2016-25727
WILLOWBROOK STL- ZO 60	1527 10	ate & Time Needed:				Shipping Method Page
Phone 1-630-654-2556	Fax Report	ormal TAT is 5-7 work days for n pre-approved and additi	nost work. Rush work must be onal charges apply.			Level 1 2 3
Email Address	Email Report	Specify Regulatory Program: (Required)	✓ None/Info only			LAB USE ONLY
2016-2727 DESPLAINES CAMPUS /	MAIN BLOG.		SDWA		····· · · · · · · · · · · · · · · · ·	SLI Order No. 1606624
Project Manager (Report to)		🗌 503 Sludge 🔲 NPDI		, .		Sample containers Yes
Sample Collector(S)KEVIN DOVLE / ANTHONY K	ENNEDY	Disposal Othe	*Please specify in comment F section below.	· · · · · · · · · · · · · · · · · · ·		Temperature of C
SAMPLE IDENTIFICATION COLLECT		GRAB/ CONTAINE	RS	• •	·····	Samples received within Yes 24 hours of collection?
(Please use 1 line per container type) DATE	TIME MATRIX	COMP. Qty SIZE & T	YPE PRESERVATIVE	ΰľb		R Condition Split LAB #
1 1660-DF1-A 6/17/4-	MQ DI:t	1 8 oz.	(P) HNO3	××	\$	A/
2 1666 - DF1 - B 6/17/16-	MQ 0):4	1 8 02. 1	PHN03	* ×		
3 1660-052-4 6/17/16-	TIP DW	1 802-1	$(\rho) HN03 $	Ý X		
4 1660 - DFZ - B 6/17/16 -	MQ DI: 7	1 802-	(P) HNO3	×		
5 1600 - OF3 - A 6/17/16 -	MO Hist	1 80z. ((P) HNO 3	× ×		
6/160- DF3-B 6/17/6-	MQ HIT	1 802. (P HNO3	XX		
7 1600-0F30-A 6/17/16-	MO LILE	1 80z-(P) HNO3	X X		
18 1660-DF30-B 6/17/16 -	MO FI3	1 802- ((P) HN03	× ×		
· 1/1/11/16 - 001/10- 001/10-	M0 52:1	1 802-1	$\left \rho \right\rangle \left HN0 \right $	x X		· · · · · · · · · · · · · · · · · · ·
F 31/L1/9 B - HID - 0011 01	YO ES!	1 802.1	P) HNO3	× ×		
11/160 - DF5 - A 61/7/6 7	MO S23	1 802-(EDNH (J	X X		· · · · · · · · · · · · · · · · · · ·
12 16GO - DES - 5 6/17/16 7	M 0 52:	1 80z-(P) HNO3	× X		4724
MATRIX: Drinking Water (DW), Soli (S), Waste Water (WW), Surface Water(SW).	ISTRUCTIONS:					CONDITION CODES Improper/damaged container/cap
Ground Water (GW), Solid Waste (WA),						2. Improper preservation
Sludge (U), Wipe (P) <u>CONTAINER:</u> 2oz. 4oz. 8oz. 40ml Vial, 500ml, Liter (L), Tube.						 Insufficient sample volume Headspace/air bubbles for VOCs
Glass (G), Plastic (P) PRESERVATIVE:						 Received past holding time Boosting forces
H ₂ SO ₄ , HCI, HNO ₅ , Methanol (MeCH) NaOH, Sodium Bisulfate (NaB), NaThio						*. Label conflicts with COC
1. Relinquished By 14 YACHUZ MA CALL (7/10) 2. Relinquished 14 YACHUZ MAN	1 By	Date 3.	Relinquished By	Date	1. Relinquished By	Date
			scelved By		Received By	Ice Time
Submission of samples subject to Terms and Conditions on back.	Rei	v. 2/01/05 P	lease fill out this form co	npletely, print, sign & sub	mit with samples	:. Keep a copy for your records.

 Keep a copy for your records. 	& submit with samples	ıpletely, print, sign	Please fill out this form con	Rev. 2/01/05	ons on back.	Submission of samples subject to Terms and Conditi
Ice Time	Received By		Received By		Received By	
Date	4. Relinquished By	Date	3. Relinquished By	Date	2. Relinquished By	1. Roknament By Carl Bary / 1/16
 Beceived frozen Label conflicts with COC 						H ₂ SO ₄ , HCl, HNO ₃ , Methanol (MeOH) NaOH, Sodium Bisutfate (NaB), NaThio
 Headspace/air bubbles for VUCs Received past holding time 						40z, 80z, 40mi Viai, 500mi, Liter (L), Tube. Glass (G), Plastic (P) <u>PRESERVATIVE:</u>
3. Insufficient sample volume						Sludge (U), Wipe (P) CONTAINER: 202,
2. Improper preservation						Ground Water (GW), Solid Waste (WA),
CONDITION CODES 1. Improper/damaged container/cap					SPECIAL INSTRUCTIONS:	MATRIX: Drinking Water (DW), Soli (S), COMMENTS & Waste Water (WW), Surface Water(SW).
LZYA		XX	-(P) HNO3)	8oz	M 0 61:4 91/12	12/100 - DFIQ-B
		χ γ	-(P) HNO3 h	1 802	MO PHIF ANCI	11 166-DF12-A
•		X X	-(P) HNO3 >	1 802	MO EN: 1911/1	10/1660-DE11-B
•		X /	$= (\rho) HN0 = \rangle$	1 802	W0 FN:F 31/1-1	9 (605- BF11-1A 6)
		(X	$= (p) H_N 0 = $	1 802	M 0 94:4 91/41	8 /600-DF10 6
•		x X	:(P) HNO3)	80z	W0 4445 M	7 1600-DF9-C
<		X	- (P) HNO3	1 80z	WQ EN: +3/11/	6 1600-DF9 -B
	· · · · · · · · · · · · · · · · · · ·	XX	: (P) HNO 3	1 802	MO 54:2 91/11	5 1600 - DFQ-A
		× ×	Z-(P) HNO 3)	1 802	MO ON:2 91/L1/	4 1600-KS1507 6
		; X	- (P) HNO3 X	1 802	117/167:32 DW	3 1600-DF7 6
		XX	- (P) HNO3 1	1 8 oz	117/167:28 DW	2 1660 - DFG - 13 6
(7A)		XX	. (ρ) HNO3 1	1 8 oz	MQ 82:291/L1/	1 160-D70-A 6
R Condition Split LAB #		UPb	E& TYPE PRESERVATIVE	X COMP. Qty SIZE	DATE TIME MATRI	(Please use 1 line per container type)
Samples received within Yes		2	AINERS	GRAB/ CONT/		SAMPLE IDENTIPICATION
Temperature of Received Samples		····· · · ·	"Please specify in comment Other section below.	Disposal	IONY KENNEDY	Sample Collector(SKEVIN DOULE / ANTH
Sample containers Yes				503 Studge 🗌 M		Project Manager (Report to)
SLI Order No. 1606 624		· · · · · · · · · · · · · · · · · · ·	SRP SDWA		mpus MAIN BLOG.	2016-2727 Des REAINES CA
LAB USE ONLY			ram: 🗸 None/Info only	Specify Regulatory Prog (Required)	 Email Report 	Email Address
CC Reporting 1 2 3			s for most work. Rush work must be additional charges apply.	Normal TAT Is 5-7 work days pre-approved and	🗌 Fax Report	Phone/-630-654-2550
Shipping Method Page				*Date & Time Needed:	ZIP 60527	City WILLOWBROOK STATE.
PONG 2016-2727	ox below for request	Enter an "X" in bo	*Additional Rush USH* Charges Approved.	Normal R	CT.	Company Address 7575 PLAZA
Page 2 of 7_{32}	THOD REQUESTED	ANALYSIS & ME) TIME REQUESTED	TURNAROUND	INC.	Company Name HYGIENEERING,
# Electronic Version	VY RECORD	F CUSTOD	Toll Free: 800.783.LA	Fax: 708.544.858	ATORIES, Inc. 134 Tel. 708.544.3260	SUBURBAN LABO
			And a second sec			

for your records.	s. Keep a copy	submit with sample	iy, print, sign a	compiete	III out this form	riease t	/05	Hev. 2/01	ICK.	ditions on ba	rms and Con	les subject to Te	sion of samp	Submis
Time		Heceived By	e		Y	Received B	Time		By	Received	Time (720	Ice	By 11 0	Received
Date		4. Relinquished By	Date		thed By	3, Relinquis	Date		ished By	2. Relinqu	Gate GATA	En Um	iished By	1. Relinqu
ding time	5. Received past hol 6. Received frozen 7. Label conflicts with											SERVATIVE: ol (MeCH) aB), NaThio	, Plastic (P) <u>PRES</u> DI, HNO ₃ , Methano odium Bisulfate (Na	Giass (G), H ₂ SO ₄ , H(NaOH, So
3 volume obles for VOÇs	 Insufficient sample Headspace/air but 											TAINER: 2oz. Liter (L), Tube,), Wipe (P) <u>CON</u> 40ml Vial, 500ml,)	Sludge (U 4oz, 8oz, -
d container/cap tion	1. Improper/damage. 2. Improper preserva							ç			COMMENT	waste (WA),	rater (WW), Surfac fater (GW), Solid 1	Waste Wa Sround W
1.76A				XX	HN03	$z_{-}(p)$	18	0W	S: II	6/17/16	COMMENT	51460 -D	00 - KU	12 1
				XX	E ONH	72-(P)	1 8	DW	8:10	<u>all'rilla</u>		1460-C	00 -KS	11
				XX	HN03	pz - (p)	18	OW	R: 10	6/17/16		1460-B	00 - KS	10 16
				XX	FONH 3	$pz_{-}(\rho)$	18	ΝО	0158	6/17/16		1460-12	,00 - KJ)\ e
				XX	HN03	$z_{-}(p)$	28 1	M 0	Sacd	6/17/16		ŝ	-70-00	9\ ⁸
				хX	HNUS	5z.(p)	18	0W	Bioy	6/1/1/16		<u>q</u> (60 - KSZ	7 16
		· · · · · · · · · · · · · · · · · · ·		XX	HN03	0z. (P)	18	DW	l:00	6/17/16		8-8	240-00	9) l 9
				XX	HNO 3	0z. (P)	18	MQ	ୢୄୄୄୄୄୄ	111111		D-8	210-00	5 16
				X	HNO3	0Z-(P)	1 8	DM	7:51	6/11/16		4-23	00 - DF10	4 16
<u>з</u>				X	HN03	0Z- (P)	18	ΔW	7:51	6/17/16		4-A	80-17-1	3 16
				X X	HNÓZ	02. (P)	8 /	DW	7:56	6/17/16		3-3	00-DF1	2 16
75A				X	HNO3	0Z. (P)	8 1	DW	7:56	6/17/4		3-A	600-DFT	-
Split LAB #	R Condition		5	ECUP	PRESERVATIV	SIZE & TYPE	OMP. Qty 5	MATRIX CO	TIME	DATE	9e)	1 line per container tyj	(Piease use .	
within Yes	Samples received 1 24 hours of collect			• •		VTAINERS	AB/ CON		ECTION	0011	ž,	IDENTIPICATIC	SAMPLE	
o.	Temperature of Received Samples				se specify in comme on below.	Other socia	sposal		KENNE	THONY	1 An	IN DOVLE		Sample C
^{эrs} ner? □ Yes	Sample containt supplied by custor				MWRDGC)3 Sludge 🗌			1		•	anager (Report to)	Project Mi
66624	SLI Order No. 16				SDWA] SRP	ואד		MANN E	50dwb) sanie	Des PLA	/Location とープフンフ	
E ONLY	LAB US				None/Info only	²rogram: ✓	fy Regulatory F (Required)	port Speci	✓ Email Re				fress	Emall Add
1 2 3	OC Reporting				. Rush work must b rges apply.	days for most work and additional chai	TAT is 5-7 work (pre-approved :	ort Normal	🗌 Fax Rep		O _₽	54-255	-630-6	Phone
Page	Shipping Method						Time Needed:	*Date &	60527) diz	State	BROCK	VILLOW	
5-2g727	PONO. 2016	below for request	nter an *X° in box		dditional Rush rges Approved.] RUSH* cha	ormat	د z		9 CT.	PLAZE	7575	Address	Company
7 ₃₂	Page 子 of	IOD REQUESTED	VALYSIS & METH	٨	QUESTED	ND TIME REC	TURNAROU		-	, ING	SN/NE	161ENEL	Name H	Company
nic Version	# Electro	Y RECORD	USTOD'		CHAIN	3587 Toll	ax: 708.544.8	IC. 4.3260 Fa	Tel. 708.54	DRATO 60134	N LAB(UBURBA	SI 195	

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for your records.	Keep a copy	ubmit with samples	/ nrint sign & su	nmnletelv	ill out this form o	Please fi	2/01/05	Rev.	is on back.	ts and Condition	es subject to Term	ission of sandple	Submi
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Date		4. Relinquished By	Date		shed By	3. Relinquis	Date		2. Relinquished By	ate (1/16	<u>к</u> е Лич	inished By	1. Relinc
th COC	 Heceived past rw Received trozen Label conflicts will 										si (MeOH) 3B), NaThio	HCI, HNO ₃ , Methanol Sodium Bisutfate (Na	H ₂ SO ₄ , F NaOH, S
ubbles for VOCs	4. Headspace/air bi										Liter (L), Tube,	, 40ml Vial, 500ml, 1	4oz, 8oz
ration le volume	 Improper preservation Insufficient same 										rvasie (VVA), FAINER; 202,	Water (GW), Solid V (U), Wipe (P) CONT	Sindile (
ed container/cap	1. Improper/damag										e Water(SW),	Vater (WW), Surface	Waste V
LUK T				7 1	MNUS	002-111		N SWOI	SPECIAL INSTRUCT	COMMENTS &		C Drinking Water (D	MATRIX
				< 7 < 7	LININ 2	8-7 / 0/				17			12 9
			· · · · · ·	< >	CUN LI	802/0/		D 10	02:38 11/1		1	ロアーフマイ	11/
-				× ×	HND3	802-(P)		OW	±218 71/1C1	110	3(-8	600 - DF3	10 /
•			·····	× ×	FONH 3	802-(P)		0W	F2:8/1/2	611	2C-12	600- 243	9 /
				XX	HN03	802- (P)	/	MQ	17/116 82 23	61	4	(00 - PT-	8
•		· · · · · · · · · · · · · · · · · · ·		ХX	HN03	8oz.(p)		M0	11/16 9:22	61	3591	1600 - KJ	7
				XX	HNO3	802. (P)		DW	02:3 9/11	61	31	600- DF	6
 ·				XX	HNO 3	802. (P)		NON	SU 8 91/11	10	52	(00-DF)	5
•				XX	FN03	802-(P)	1	DV	F) : 8 31/11	61	55-B	1600 - DF3	4
•				XX	HN03	802- (P)		DW	E1:2991/21	61	53-11	1606 - DF3	ω
				××	HN03	802. (P)	~	DW	h: 8 91/L	61	4-15	1600-PFJ	N
374				XX	HN03	802. (P)	<u> </u>	DW	hr.891/LI	61	54-H	1600-DF3	-
n split LAB #	R Conditio			14 0	PRESERVATIVE	SIZE & TYPE	COMP. Qty	MATRIX	DATE TIME	3	1 line per container type)	(Please use 1	-
d within Yes	Samples received 24 hours of colle			a 2		ONTAINERS	GRAB/ C	<	COLLECTION	- , 	IDENTIPICATION	SAMPLE	
°	Temperature of Received Sampte		·	<u> </u>	ase specify in commen ion below.	Other section	Disposal	<u>≂o√</u> [[ONY KENNE	HNTH	IN DOULE	Collector(s)	Sampie
omer?	Sample conta supplied by cust				MWRDGC		🗌 503 Sludge)	Manager (Report to)	Project
429909	SLI Order No.		·····	·	SDWA	SRP		BLOG.	NIAW SUDA	INES CAN	Des PLA,	16-2727	Piologi O deci
ISE ONLY	LAB U] None/Info only	iry Program: ≥d)	Specify Regulato (Require	Report	Email 1			Address	Email A
	QC Reporting				k. Rush work must be arges apply.	fork days for most worl ved and additional cha	lormal TAT is 5-7 w	3port z	Fax Re	O Fax	54-2550	1-630-6	Phone
Page	Shipping Method			••••••		led:	ate & Time Need	7	ZID 6052-	State	BROOK	MILLOW	City
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¥ 7 32	Page H c	ND REQUESTED	ALYSIS & METHO	Ą	OUESTED	OUND TIME RE	TURNAR		INC.	RING,	V61ENEE	iny Name	Compa
ronic Version	# Elect	anlabs.com	WWW.suburba	LABS	CHAIN (Free: 800.783.	14.8587 Tol	Fax: 708.54	544.3260	34 Tel. 708.1	Geneva, IL 601	JO S. Batavia Ave.	195 S	G
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SUBURBAN LAB	ORATORIES. Inc.		CHAIN O	F CUSTODY F	RECORD	#
1950 S. Batavia Ave. Geneva, IL	60134 Tel. 708.544.3260	Fax: 708.544.8587	Toll Free: 800.783.L/	ABS www.suburbani	labs.com	
Company Name HYGIENEERING	, INC.	TURNAROUND T	IME REQUESTED	ANALYSIS & METHOD F	REQUESTED	Page 5 of 7_{32}
Company Address 7575 PLAZK	P CT.	Normal RUS	*Additional Rush SH* Charges Approved.	Enter an "X" in box belo	w for request	PO NO. 2016-2-72727
WILLOWBROCK State	zip 60527	*Date & Time Needed:				Shipping Method Page
Phone /- 630-654-2550 Fax	Fax Report	Normal TAT is 5-7 work days to pre-approved and adv	r most work. Rush work must be ditional charges apply.			CC Reporting 1 2 3
Email Address	 Email Report 	Specify Regulatory Program (Required)	m: 🗹 None/Info only			LAB USE ONLY
2016-2727 DES PLAINES (Ampes MAIN BLOG.		P SDWA			SLI Order No. / (006624
Project Manager (Report to)		🗌 503 Sludge 🔲 NP		· · · · · · · ·		Sample containers Yes
Sample Collector's KEVIN DOULE IAN	THONY KENNEDY	Disposal Ott	"Please specify in comment "Per" section below.			Temperature of C
SAMPLE IDENTIPICATION	COLLECTION	GRAB/ CONTAIN	VERS	• •		Samples received within Yes 24 hours of collection?
(Please use 1 line per container type)	DATE TIME MATR	IX COMP. Qty SIZE 8	TYPE PRESERVATIVE	UPD		R Condition Split LAB #
1 1600-DES-A	6/17/168:34 DW	1 8 oz.	(P) HNO3	× ×		- AA
2 (600-DFZ-B	6/17/16 8:34 DW	1 802.	(P) HNO3	XX		
3 [10- 7570 - 00] E	6/17/168:36 DW	1 802-	(P) HNO3	××		
4 1600-0FZ9-B	6/17/16 823C DW	1 802-	- (P) HNO 3	××		
5 160-DF22-A	6/17/16 8:59 DW	1 Soz.	(P) HNO 3	×		
6 100-DF2Z-B	MQ 15:289/11/9	1 80Z-	(P) HNO3	×		,
2 1000 - KSZ962	M0 22:38//LLI	1 80Z-	(P) HNO3	××		·
8 (Cas - DFZC -A	M 0 hr: 8 91/21/9	1 802-	(P) HN03	XX	<u>۸</u>	
9 (660 - DFZ0-B	MO 45:3 91/L1/9	1 802-	(P) HN03	XX		
10 600 - DF19-A	WO SH: 8 91/21/16	1 802-	(P) HNO3	××		
11 1600-DF19-B	MO 34:3 91/L1/9	1 802-	(P) HN03	× ×		
12 (600 - DF 18 - A	6/17/16 8:52 DW	1 802-	(P) HNO3	X X		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
MATRIX: Drinking Water (DW), Soli (S), COMMENT Waste Water (WW), Surface Water(SW),	S& SPECIAL INSTRUCTIONS:					CONDITION CODES Improper/damaged container/cap
Ground Water (GW), Solid Waste (WA),						. Improper preservation
Sludge (U), Wipe (P) <u>CONTAINER:</u> 2oz. 4oz. 8oz, 40mi Vlal, 500ml, Liter (L), Tube,						 Insufficient sample volume Headspace/air bubbles for VOCs
Glass (G). Plastic (P) PHESERVATIVE:					<u>ъ</u> נה	. Received past holding time
NaOH, Sodium Bisutfate (NaB), NaThio					7	'. Label conflicts with COC
1. Relinquished By Vaile (Nee Two)	2. Reilinguished By	Date	3. Relinquished By	Date 4	4. Relinquished By	Date
Received By	Received By		Received By		Received By	
Submission of samples subject to Terms and Con	ditions on back.	Rev. 2/01/05	Please fill out this form cor	npletely, print, sign & sub	mit with samples	. Keep a copy for your records.

Keep a copy for your records.	submit with samples. I	etely, print, sign & s	Il out this form comple	ps Please fi	Rev. 2/01/	ns on back.	erms and Condition	of samples subject to To	Submission
Ice ^{Time}	Received By	Ice Time		Time Received By]] Ice	Received By	e Time		Received By
Date	4. Relinquished By	Date	ned By	Date 3. Aelinquist		2. Relinquished By	Date 6/17/16	By VSienez inn	1. Relinquished
Received frozen Label conflicts with COC	6. 1 7. L	-						O ₃ , Methanol (MeOH) Bisulfate (NaB), NaThio	H ₂ SO ₄ , HCI, HN NaOH, Sodium
Received past holding time	5, 4							ic (P) <u>PRESERVATIVE:</u>	Glass (G), Plast
Insufficient sample volume	3							(P) CONTAINER: 202.	Sludge (U), Wip
Improper preservation	2:-							GW), Solid Waste (WA),	Ground Water (
CONDITION CODES	1.1				NS:	SPECIAL INSTRUCTIO	COMMENTS &	ling Water (DW), Soil (S), VW), Surface Water(SW),	MATRIX: Drink Waste Water (V
ATVA		$\boldsymbol{\lambda}$	HN03 X	1 80Z-(P)	2 M	17/16 azis 1	61	- KSOSN	12 1600
		X	K EONH	1802-(P)	0W	17/16 9:07	67	-0F26-B	11 ((200)
		X	HN03 X	1 802-7P)	OW	FO:P 11/1/	1/0	-052C-1A	10 1600
		X	$HNO \ge X$	1 80z-(P)) M (17/169:05 1	61	8- 7370-	000)/ e
· · · ·		×	HN03 X	1 802-(P)	MC	17/169:05	19	-DECT-A	8 ମିଟ୍ରେ
		X	HN03 X	$ 8 \sigma z_{-}(p) $	MO	17/16 9:02 1	61	-DFZS-B	7 /(CCO
		X	HN03 X	1 80z. (P)	0 W	171/6 9:00 1	61	-DFZS-P	° ((00-
		X	HN0 3 X	1 Soz. (P)	MQ	17/16 2:59	6	- 5-24-C	5 1600
· · · · · · · · · · · · · · · · · · ·		X	HNO = X	$1 \ 8 cz - (\rho)$	DM	17/16 8:59	61	-OFZY-B	_4 <i>l(</i>
		X	X EONH	1 802- (P)	0m	12/168:59	6	OFZY-A	3 1600-
		X	HNO3 X	1 8 oz. (P)	ØW	17/16 8:55	6	- DF21-A	2 1600
A		X	HN03 X	1 802. (P)	DW	17/14 8552	6	5-7518-B	ာ ု(စ
R Condition Split LAB #		6		MP. Qty SIZE & TYPE	MATRIX CC	DATE TIME	(ype)	Please use 1 line per container t	
Samples received within Yes 24 hours of collection?		}		AB/ CONTAINERS	្ន	COLLECTION	Ŷ,	SAMPLE IDENTIPICATI	
Temperature of C			se specify in comment in below.	sposal Other Pleas		ONY KENNE	= / ANTH	KEVIN DOVU	Sample Collect
Sample containers Yes			MWRDGC	3 Sludge 🗌 NPDES	50			or (Report to)	Project Manage
LI Order No. 1606624			SDWA		105. UL	B NIAM Soda	AINES CAN	2727 Des PL	Project ID / Loc
LAB USE ONLY		• • • • • • • • •	None/Info only	y Regulatory Program:	port Speci	イ Email Re			Email Address
CC Reporting			. Rush work must be ges apply.	TAT Is 5-7 work days for most work. pre-approved and additional char	ort Normal	🗌 Fax Rep	S O _{Fax}	30-654-25:	Phone /- C
hipping Method	Š			Time Needed:	*Date &	^{zip} 60527	State -	LOWBROCK	
10 2016-2 ^{mo}	pelow for request	Enter an "X" in box b	tdltional Rush rges Approved.	ormal RUSH* "Ac	< Na	CT.	PLAZA	··· 7575	Company Addr
age 6 of 7 32	DD REQUESTED	ANALYSIS & METHO	DUESTED	TURNAROUND TIME REC		INC.	ERING,	· Hybiene	Company Nam
# Electronic Version	vaniabs.com		Free: 800.783.LABS	v: 708.544.8587 Toll	4.3260 Fa	Tel. 708.54	Ve. Geneva, IL 601	 1950 S. Batavia Av 	
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. vour records	Keen a conv for	bmit with samples	elv. nrint. sign & sui	t this form complete	Please fill ou	ev. 2/01/05	H	s on back.	ms and Condition	ples subject to Terr	omission of sam	Sub
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<u></u> č	5. Received frozen 7. Label conflicts with C						1			anol (MeOH) (NaB), NaThio	O4, HCI, HNO3, Methe)H, Sodium Bisulfate (H ₂ SC NaO
tig time	5. Received past holdin	(1)								ESERVATIVE:	ss (G), Plastic (P)	Glas
olume les for VOCs	3. Insufficient sampie w 4. Headspace/air bubbl									ni, Liter (L), Tube,	ige (U), Wipe (P) <u>CO</u> 8oz, 40ml Vial, 500n	Slud 4oz.
Ξ	2. Improper preservatio									ld Waste (WA),	und Water (GW), Soli	nol D
ontainer/cap	CONDITION 1. Improper/damaged c						CHONS:	PECIAL INSTRU	COMMENTS & S	face Water(SW),	ste Water (WW), Surf	Was
				XO3 XX	$z_{-}(p) H$	81	NQ	1/16	19			12
			· · · · · · · · · · · · · · · · · · ·	XX EDN	1/ (D)-20	18	DW	<u> 41/1</u>	671			1
				VO3 X V	72. (P) H	180	DW	7/16	6/1			10
				X X E ON	72-(P) H	1 8	MQ	7/16	671			6
				K E ON	$H(d)^{-2c}$	18	DW	7/16	61			œ
				X ≥ JN	5z.(P) H	8/	MOM	31/16	61			~
				VO3 XX	H (0) 20	18	DW	716	6/1			0
1-7-7A			x 	NO3 XV	0z. (P) H	18	MON	7/16 9:W	6/1	P2405	1400-1X	
•			× 	V X EQN	oz-(P) H	1 8	- Drd	<u>77 : b 11 Li</u>	67	SILOCY	1000-K	4
•			X	X03 Χ	02- (P) H	1 8	0 M	2: 0 91/21	6	FIG -B	2-00)	ω
	· ·		×	X & DN/	07. (P) H	8 /	DW	02:6 91/L	6/1	D-91	1000-05	N
7JA		······	×	X EON	02. (P) H	8 1	DW	01:20 m/LI	6/	1	1000-DF	
Split LAB #	R Condition		6	ESERVATIVE	SIZE & TYPE PR	X COMP. Oty S	MATRI	DATE TIME	e)	se 1 line per container typ	Please us	Ţ
n ^a n □ Yes	Samples received with 24 hours of collection			<u></u>	VTAINERS	GRAB/ COM		COLLECTION	z .	E IDENTIPICATIO	SAMPL	
°C	Temperature of Received Samples			ecify in comment low.	Other section be	Disposal	VEDV	ONY KENI	1 ANTHI	VIN DOVLE	mpie Collector(s)	San
sγ γ?? □ Yes	Sample containers supplied by custome			MWRDGC		503 Sludge					oject Manager (Hepon	10
16624	SLi Order No.			SDWA			V BLOG.	NAW SAD	Nes CAN	7 Des PLA	10/6-272	$\mathcal{V}_{0}^{\mathrm{D}}$
	LAB USE	· .		ne/Info only	orogram: 🗸 No	Specify Regulatory F (Required)	ail Report	C Em			all Address	
1 2 3	QC Reporting			sh work must be apply,	days for most work. Ru and additional charges	Normal TAT is 5-7 work pre-approved	Report	Fax	O _{Ex}	654-255	one/-630-	Pho
Page	Shipping Method					*Date & Time Needed:	7	zo 6052	State	NBROCK	WILLON	ĝ
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7 32	Page 7 of	D REQUESTED	MALYSIS & METHOD	ISTED /	IND TIME REQUE	TURNAROL		INC-	ERING,	HUGIENEE	mpany Name	0 S
nic Version	# Electror	RECORD	YUS I ODY	HAIN OF C	8587 Toll Fre	Fax: 708.544.	, I NC.)8.544.3260	AIUKIES	N LABOH	1950 S. Batavia Ave		
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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 30, 2016

Workorder: 1606G26

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

TEL: (630) 654-2550

FAX:

RE: 2016-2727 Skokie Campus Ray Harstein Drinking Water Lead and Copper Analysis

Dear Valerie Hofmann:

Suburban Laboratories, Inc. received 38 sample(s) on 6/17/2016 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,

Paru Rodyen

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





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

Client:	Hygieneering, Inc.
Project:	2016-2727 Skokie Campus Ray Harstein Drinki
WorkOrder:	1606G26
Cemperature	of samples upon receipt at SLI: 24 C

General Comments:

- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated.

- For more information about the laboratories' scope of accreditation, please contact us at (708) 544-3260 or the Agency at (217) 782-6455.

- All water analyses that are required to be performed in the field (e.g., pH, residual chlorine, sulfite, temperature, etc.) but are analyzed in the lab are identified as "in lab" and are considered past holding time. Following industry practices these results do not contain an "H" flag but are qualified as being analyzed in the lab.

- 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:

Page 2 of 18

Date: June 30, 2016 **PO #:** 2016-2727

QC Level: Chain of Custody #: EV

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

Client ID: Hy Project Name: 20	ygieneering, Inc. 116-2727 Skokie C	ampus R	ay Harste	in Drinki	in	Repor Work	t Date: Jur corder: 16	ne 30, 2016)6G26	
Client Sample ID: 770 Lab ID: 160	01-DF112-A 06G26-001	Date Ro	eceived:	06/17/20	16 1:20 PM	I Collectio	Matrix: DF n Date: 06	RINKING WATER /17/2016 10:57 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Me	ethod: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper Lead		ND ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/20/2016 1:48 PM 06/20/2016 1:48 PM	37238 37238
Client Sample ID: 770 Lab ID: 160	01-DF112-B 06G26-002	Date Ro	eceived:	06/17/20	16 1:20 PM	I Collectio	Matrix: DF n Date: 06	RINKING WATER /17/2016 10:57 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Me	ethod: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper Lead		ND ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/20/2016 1:55 PM 06/20/2016 1:55 PM	37238 37238
Client Sample ID: 770 Lab ID: 160	01-DF112-C 06G26-003	Date Ro	eceived:	06/17/20	16 1:20 PM	I Collectio	Matrix: DF n Date: 06	RINKING WATER /17/2016 10:57 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Me	ethod: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper Lead		ND ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/20/2016 1:59 PM 06/20/2016 1:59 PM	37238 37238
Client Sample ID: 77 Lab ID: 16	01-DF118-A 06G26-004	Date Ro	eceived:	06/17/20	16 1:20 PM	I Collectio	Matrix: DF n Date: 06	RINKING WATER /17/2016 11:01 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Me	ethod: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper Lead		167 ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/20/2016 2:03 PM 06/20/2016 2:03 PM	37238 37238

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

Client ID:	Hygieneering, Inc.	a b				Repor	t Date: Jur	ne 30, 2016	
Project Name:	2016-2727 Skokie	Campus R	kay Harst	ein Drinkin		Work	korder: 16	06G26	
Client Sample ID:	7701-DF118-B					Ι	Matrix: DF	RINKING WATER	
Lab ID:	1606G26-005	Date R	eceived:	06/17/2010	5 1:20 PM	Collectio	n Date: 06	/17/2016 11:01 AM	
				Report			Dilution		
Parameter		Result	MCI	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Meth	od: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper		175	1,300	100		µg/L	1	06/20/2016 2:17 PM	37238
Lead		ND	15.0	5.00		μg/L	1	06/20/2016 2:17 PM	37238
Client Sample ID:	7701-KSA168-A					Ι	Matrix: DF	RINKING WATER	
Lab ID:	1606G26-006	Date R	eceived:	06/17/201	5 1:20 PM	Collectio	n Date: 06	/17/2016 11:06 AM	
				Report			Dilution		
Parameter		Result	MCI	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Meth	od: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper		244	1,300	100		µg/L	1	06/20/2016 2:20 PM	37238
Lead		ND	15.0	5.00		µg/L	1	06/20/2016 2:20 PM	37238
Client Sample ID:	7701-KSA168-B					Ι	Matrix: DF	RINKING WATER	
Lab ID:	1606G26-007	Date R	leceived:	06/17/2010	5 1:20 PM	Collectio	n Date: 06	/17/2016 11:06 AM	
				Report			Dilution		
Parameter		Result	MCI	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Meth	od: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper		ND	1,300	100		µg/L	1	06/20/2016 2:24 PM	37238
Lead		ND	15.0	5.00		µg/L	1	06/20/2016 2:24 PM	37238
Client Sample ID:	7701-KSA168-C					Ι	Matrix: DF	RINKING WATER	
Lab ID:	1606G26-008	Date R	eceived:	06/17/2010	5 1:20 PM	Collectio	n Date: 06	/17/2016 11:06 AM	
				Report			Dilution		
Parameter		Result	MCI	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Meth	od: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper		ND	1,300	100		µg/L	1	06/20/2016 2:27 PM	37238
Lead		ND	15.0	5.00		µg/L	1	06/20/2016 2:27 PM	37238

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

Date Received: 06/17/2016 1:20 PM

Laboratory Results

Client ID:	Hygieneering, Inc.
Project Name:	2016-2727 Skokie Campus Ray Harstein Drinkin

Workorder: 1606G26

Report Date: June 30, 2016

Client Sample ID: 7701-KSA168-D Lab ID: 1606G26-009

Matrix: DRINKING WATER Collection Date: 06/17/2016 11:06 AM

	Report				Dilution			
Parameter	Result	MCL	, Limit	Qual.	Units	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	06/20/2016 2:31 PM	37238
Client Semple ID: 7701 KSA183	ND	15.0	5.00		µg/L	1	06/20/2016 2:31 PM	37238
Lab D: 1606C26 010	Data D	Poorivod.	06/17/20	16 1·20 PM	Matrix: DRINKING WATER			
Lab ID. 1000020-010	Date	leceiveu.	00/17/20	10 1.20 F WI	Collection	n Date: 06	/1//2016 11:11 AM	
			Report			Dilution		
Parameter	Result	MCL	, Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS	Method: EPA-200.8-Re			5.4, 1994 Analyst: jmk				
Copper	181	1,300	100		μg/L	1	06/20/2016 2:34 PM	37238
Lead	ND	15.0	5.00		µg/L	1	06/20/2016 2:34 PM	37238
Client Sample ID: 7701-DF103-A					Matrix: DRINKING WATER			
Lab ID: 1606G26-011	Date R	Date Received: 06/17/2016 1:20 PM Collection Date: 06/17/2016 11:13 AM						
			Report			Dilution		
Parameter	Result	MCL	, Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Me	ethod: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper	369	1.300	100		ua/L	1	06/20/2016 3:05 PM	37238
Lead	ND	15.0	5.00		μg/L	1	06/20/2016 3:05 PM	37238
Client Sample ID: 7701-DF103-B					Ι	Matrix: DI	RINKING WATER	
Lab ID: 1606G26-012	Date Received: 06/17/2016 1:20 PM			16 1:20 PM	Collection Date: 06/17/2016 11:13 AM			
			Report			Dilution		
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS	Method: EPA-200.8-Rev			5.4, 1994 Analyst: jmk				
Copper	422	1,300	100		µg/L	1	06/20/2016 3:09 PM	37238
Lead	ND	15.0	5.00		µg/L	1	06/20/2016 3:09 PM	37238
1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

Laboratory Results

Client ID: Hygier	neering, Inc.				Repor	t Date: Jur	ne 30, 2016	
Project Name: 2016-2	2727 Skokie Campus l	Ray Harste	ein Drinkin		Worl	korder: 16	06G26	
Client Sample ID: 7701-I	DF102-A]	Matrix: DF	RINKING WATER	
Lab ID: 1606G	26-013 Date I	Received:	06/17/2016	5 1:20 PM	Collectio	on Date: 06	/17/2016 11:15 AM	
			Report			Dilution		
Parameter	Result	MCL	, Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Meth	od: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper	411	1,300	100		µg/L	1	06/20/2016 3:12 PM	37238
Lead	ND	15.0	5.00		µg/L	1	06/20/2016 3:12 PM	37238
Client Sample ID: 7701-I	DF102-B]	Matrix: DF	RINKING WATER	
Lab ID: 1606G	26-014 Date I	Received:	06/17/2016	5 1:20 PM	Collectio	n Date: 06	/17/2016 11:15 AM	
			Report			Dilution		
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Meth	od: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper	425	1,300	100		µg/L	1	06/20/2016 3:16 PM	37238
Lead	ND	15.0	5.00		µg/L	1	06/20/2016 3:16 PM	37238
Client Sample ID: 7701-I	DF101]	Matrix: DF	RINKING WATER	
Lab ID: 1606G	26-015 Date I	Received:	06/17/2016	5 1:20 PM	Collectio	n Date: 06	/17/2016 11:16 AM	
			Report			Dilution		
Parameter	Result	MCL	, Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Meth	od: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper	490	1,300	100		µg/L	1	06/20/2016 3:19 PM	37238
Lead	ND	15.0	5.00		µg/L	1	06/20/2016 3:19 PM	37238
Client Sample ID: 7701-F	KSA121]	Matrix: DF	RINKING WATER	
Lab ID: 1606G	26-016 Date I	Received:	06/17/2016	5 1:20 PM	Collectio	n Date: 06	/17/2016 11:19 AM	
			Report			Dilution		
Parameter	Result	MCL	, Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Meth	od: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper	ND	1,300	100		µg/L	1	06/20/2016 3:23 PM	37238
Lead	ND	15.0	5.00		µg/L	1	06/20/2016 3:23 PM	37238

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

Client ID:	Hygieneering, Inc					Repor	t Date: Jur	ne 30, 2016	
Project Name:	2016-2727 Skokie	e Campus R	Ray Harst	ein Drinkin		Work	order: 16	06G26	
Client Sample ID:	7701-DF104					Ν	Matrix: DF	RINKING WATER	
Lab ID:	1606G26-017	Date R	eceived:	06/17/2010	5 1:20 PM	Collection	n Date: 06	/17/2016 11:21 AM	
				Report			Dilution		
Parameter		Result	MCI	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Meth	od: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper		380	1,300	100		µg/L	1	06/20/2016 3:26 PM	37238
Lead		ND	15.0	5.00		μg/L	1	06/20/2016 3:26 PM	37238
Client Sample ID:	7701-DF105-A					Ν	Matrix: DF	RINKING WATER	
Lab ID:	1606G26-018	Date R	eceived:	06/17/2010	5 1:20 PM	Collection	n Date: 06	/17/2016 11:28 AM	
				Report			Dilution		
Parameter		Result	MCI	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Meth	od: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper		346	1,300	100		µg/L	1	06/20/2016 3:40 PM	37238
Lead		ND	15.0	5.00		µg/L	1	06/20/2016 3:40 PM	37238
Client Sample ID:	7701-DF105-B					Ν	Matrix: DF	RINKING WATER	
Lab ID:	1606G26-019	Date R	eceived:	06/17/2010	5 1:20 PM	Collection	n Date: 06	/17/2016 11:28 AM	
				Report			Dilution		
Parameter		Result	MCI	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Meth	od: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper		271	1,300	100		µg/L	1	06/20/2016 3:44 PM	37238
Lead		ND	15.0	5.00		µg/L	1	06/20/2016 3:44 PM	37238
Client Sample ID:	7701-DF106					Ν	Matrix: DF	RINKING WATER	
Lab ID:	1606G26-020	Date R	eceived:	06/17/2010	5 1:20 PM	Collection	n Date: 06	/17/2016 11:29 AM	
				Report			Dilution		
Parameter		Result	MCI	_ Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Meth	od: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper		1,070	1,300	100		µg/L	1	06/20/2016 3:47 PM	37238
Lead		ND	15.0	5.00		µg/L	1	06/20/2016 3:47 PM	37238

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

Client ID: Project Norma	Hygieneering, Inc	2. 2. Compus P	Dou Horat	toin Drinkin		Repor	t Date: Jur	ne 30, 2016	
Froject Name:	2010-2727 SKOKIG					WUIK	order: 10	00620	
Client Sample ID:	7701-DF107-A					Ν	Aatrix: DF	RINKING WATER	
Lab ID:	1606G26-021	Date R	eceived:	: 06/17/2016	1:20 PM	Collection	n Date: 06	/17/2016 11:31 AM	
				Report			Dilution		
Parameter		Result	MCI	L Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Metho	od: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper		341	1.300	100		ug/l	1	06/20/2016 3:54 PM	37238
Lead		ND	15.0	5.00		μg/L	1	06/20/2016 3:54 PM	37238
Client Sample ID:	7701-DF107-B					Ν	Aatrix: DF	RINKING WATER	
Lab ID:	1606G26-022	Date R	eceived:	: 06/17/2016	1:20 PM	Collection	n Date: 06	/17/2016 11:31 AM	
				Report			Dilution		
Parameter		Result	MCI	L Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Metho	od: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper		400	1,300	100		µg/L	1	06/20/2016 3:57 PM	37238
Lead		ND	15.0	5.00		µg/L	1	06/20/2016 3:57 PM	37238
Client Sample ID:	7701-DF110-A					Ν	Aatrix: DF	RINKING WATER	
Lab ID:	1606G26-023	Date R	leceived:	: 06/17/2016	1:20 PM	Collection	n Date: 06	/17/2016 11:34 AM	
				Report			Dilution		
Parameter		Result	MCI	L Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Metho	od: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper		121	1,300	100		µg/L	1	06/20/2016 4:01 PM	37238
Lead		ND	15.0	5.00		µg/L	1	06/20/2016 4:01 PM	37238
Client Sample ID:	7701-DF110-B					Ν	Aatrix: DF	RINKING WATER	
Lab ID:	1606G26-024	Date R	eceived:	: 06/17/2016	1:20 PM	Collection	n Date: 06	/17/2016 11:34 AM	
				Report			Dilution		
Parameter		Result	MCI	L Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Metho	od: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper		ND	1,300	100		µg/L	1	06/20/2016 4:04 PM	37238
Lead		ND	15.0	5.00		µg/L	1	06/20/2016 4:04 PM	37238

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

Client ID:	Hygieneering, Inc.					Repor	t Date: Jur	ne 30, 2016	
Project Name:	2016-2727 Skokie	e Campus R	Ray Harst	ein Drinkin		Work	korder: 16	06G26	
Client Sample ID:	7701-KSC155					Ι	Matrix: DF	RINKING WATER	
Lab ID:	1606G26-025	Date R	eceived:	06/17/201	5 1:20 PM	Collectio	n Date: 06	/17/2016 11:39 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Meth	nod: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper Lead		ND ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/20/2016 4:08 PM 06/20/2016 4:08 PM	37238 37238
Client Sample ID:	7701-DF109					Ι	Matrix: DF	RINKING WATER	
Lab ID:	1606G26-026	Date R	eceived:	06/17/201	5 1:20 PM	Collectio	n Date: 06	/17/2016 11:42 AM	
				Report			Dilution		
Parameter		Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Meth	nod: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper		601	1,300	100		µg/L	1	06/20/2016 4:22 PM	37238
Lead		ND	15.0	5.00		µg/L	1	06/20/2016 4:22 PM	37238
Client Sample ID:	7701-DF111					Ι	Matrix: DF	RINKING WATER	
Lab ID:	1606G26-027	Date R	eceived:	06/17/201	5 1:20 PM	Collectio	n Date: 06	/17/2016 11:41 AM	
				Report			Dilution		
Parameter		Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Meth	nod: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper		ND	1,300	100		µg/L	1	06/20/2016 4:25 PM	37238
Lead		ND	15.0	5.00		µg/L	1	06/20/2016 4:25 PM	37238
Client Sample ID:	7701-DF108					Γ	Matrix: DF	RINKING WATER	
Lab ID:	1606G26-028	Date R	eceived:	06/17/201	6 1:20 PM	Collectio	n Date: 06	/17/2016 11:40 AM	
				Report			Dilution		
Parameter		Result	MCL	_ Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Meth	nod: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper		1,340	1,300	100	*	µg/L	1	06/20/2016 4:29 PM	37238
Lead		ND	15.0	5.00		µg/L	1	06/20/2016 4:29 PM	37238

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

Client ID:	Hygieneering, Inc.					Repor	rt Date: Jur	ne 30, 2016	
Project Name:	2016-2727 Skokie	Campus F	Ray Harste	ein Drink	in	Worl	korder: 16	06G26	
Client Sample ID: Lab ID:	7701-DF113-A 1606G26-029	Date R	leceived:	06/17/20	16 1:20 PM	Collectio	Matrix: DF on Date: 06	RINKING WATER /17/2016 11:46 AM	
Parameter		Result	MCL	Report , Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Me	ethod: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper Lead		349 ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/20/2016 4:32 PM 06/20/2016 4:32 PM	37238 37238
Client Sample ID: Lab ID:	7701-DF113-B 1606G26-030	Date R	eceived:	06/17/20	16 1:20 PM	Collectio	Matrix: DF on Date: 06	RINKING WATER /17/2016 11:46 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Me	ethod: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper Lead		256 ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/20/2016 4:36 PM 06/20/2016 4:36 PM	37238 37238
Client Sample ID: Lab ID:	7701-DF113-C 1606G26-031	Date R	eceived:	06/17/20	16 1:20 PM	Collectio	Matrix: DF on Date: 06	RINKING WATER /17/2016 11:46 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Me	ethod: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper Lead		284 ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/20/2016 5:04 PM 06/20/2016 5:04 PM	37238 37238
Client Sample ID: Lab ID:	7701-DF114-A 1606G26-032	Date R	eceived:	06/17/20	16 1:20 PM	Collectio	Matrix: DF on Date: 06	RINKING WATER /17/2016 11:51 AM	
Parameter		Result	MCL	Report , Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				Me	ethod: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper Lead		243 ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/20/2016 5:07 PM 06/20/2016 5:07 PM	37238 37238

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

Client ID: Project Name:	Hygieneering, Inc. 2016-2727 Skokie	Campus I	Ray Harste	ein Drink	in	Report Wor	rt Date: Jur korder: 16	ne 30, 2016 06G26	
Client Sample ID: Lab ID:	7701-DF114-B 1606G26-033	Date I	Received:	06/17/20	016 1:20 PM	Collectio	Matrix: DF on Date: 06	RINKING WATER /17/2016 11:51 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				М	ethod: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper Lead		268 ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/20/2016 5:10 PM 06/20/2016 5:10 PM	37238 37238
Client Sample ID: Lab ID:	7701-DF115-A 1606G26-034	Date I	Received:	06/17/20	016 1:20 PM	Collectio	Matrix: DF on Date: 06	RINKING WATER /17/2016 11:54 AM	
Parameter		Result	MCL	Report / Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				М	ethod: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper Lead		348 ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/20/2016 5:14 PM 06/20/2016 5:14 PM	37238 37238
Client Sample ID: Lab ID:	7701-DF115-B 1606G26-035	Date I	Received:	06/17/20	016 1:20 PM	Collectio	Matrix: DF on Date: 06	RINKING WATER /17/2016 11:54 AM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				М	ethod: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper Lead		325 ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/20/2016 5:17 PM 06/20/2016 5:17 PM	37238 37238
Client Sample ID: Lab ID:	7701-DF116-A 1606G26-036	Date I	Received:	06/17/20	016 1:20 PM	Collectio	Matrix: DF on Date: 06	RINKING WATER /17/2016 12:00 PM	
Parameter		Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS				М	ethod: EPA-200.8-Rev	5.4, 1994		Analyst: jmk	
Copper Lead		311 ND	1,300 15.0	100 5.00		μg/L μg/L	1 1	06/20/2016 5:21 PM 06/20/2016 5:21 PM	37238 37238

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Laboratory Results

Client ID:	Hygieneering, Inc.
Project Name:	2016-2727 Skokie Campus Ray Harstein Drinkin

Report Date: June 30, 2016 **Workorder: 1606G26**

Client Sample ID: 7701-DF116-B

Lab ID: 1606G26-037

Matrix: DRINKING WATER Collection Date: 06/17/2016 12:00 PM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Meth	od: EPA-200.8-Rev	[,] 5.4, 1994		Analyst: jmk	
Copper	315	1,300	100		μg/L	1	06/20/2016 5:24 PM	37238
Lead	ND	15.0	5.00		µg/L	1	06/20/2016 5:24 PM	37238
Client Sample ID: 7701-DF117]	Matrix: DF	RINKING WATER	
Lab ID: 1606G26-038	Date R	eceived:	06/17/2016	5 1:20 PM	Collectio	n Date: 06	/17/2016 11:56 AM	
			Report			Dilution		
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
METALS BY ICPMS			Meth	od: EPA-200.8-Rev	[,] 5.4, 1994		Analyst: jmk	
Copper	900	1,300	100		μg/L	1	06/20/2016 5:28 PM	37238
Lead	ND	15.0	5.00		µg/L	1	06/20/2016 5:28 PM	37238

Date Received: 06/17/2016 1:20 PM



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

PREP DATES REPORT

Client: Project:

Hygieneering, Inc. 2016-2727 Skokie Campus Ray Ha Report Date: June 30, 2016 Lab Order: 1606G26

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1606G26-001A	6/17/2016 10:57:00 A	37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-002A		37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-003A		37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-004A	6/17/2016 11:01:00 A	37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-005A		37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-006A	6/17/2016 11:06:00 A	37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-007A		37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-008A		37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-009A		37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-010A	6/17/2016 11:11:00 A	37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-011A	6/17/2016 11:13:00 A	37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-012A		37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-013A	6/17/2016 11:15:00 A	37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-014A		37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-015A	6/17/2016 11:16:00 A	37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-016A	6/17/2016 11:19:00 A	37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-017A	6/17/2016 11:21:00 A	37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-018A	6/17/2016 11:28:00 A	37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-019A		37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-020A	6/17/2016 11:29:00 A	37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-021A	6/17/2016 11:31:00 A	37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-022A		37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-023A	6/17/2016 11:34:00 A	37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-024A		37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-025A	6/17/2016 11:39:00 A	37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-026A	6/17/2016 11:42:00 A	37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-027A	6/17/2016 11:41:00 A	37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-028A	6/17/2016 11:40:00 A	37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-029A	6/17/2016 11:46:00 A	37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-030A		37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-031A		37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-032A	6/17/2016 11:51:00 A	37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-033A		37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-034A	6/17/2016 11:54:00 A	37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-035A		37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-036A	6/17/2016 12:00:00 P	37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-037A		37238	TURB_METALS	Turbidity Check		6/20/2016
1606G26-038A	6/17/2016 11:56:00 A	37238	TURB_METALS	Turbidity Check		6/20/2016



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Qualifier Definitions

WO#: **1606G26** Date: **6/30/2016**

Qualifiers:

*/X	Value exceeds Maximum Contaminant Level
В	Analyte detected in the associated Method Blank
С	Value is below Minimum Concentration Limit
с	Analyte not in SLI scope of accredidation
E	Estimated, detected above quantitation range
G	Refer to case narrative page for specific comments
Н	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limit (QL)
Ν	Tentatively identified compounds
ND	Not Detected at the Reporting Limit
Р	Present
Q	Accredidation is not available from Wisconsin
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
Т	Analyte detected in sample trip blank

				- >! !? !? !?]]))]]	+
1950 S. Batavia Ave. Geneva, IL 6	10134 Tei. 708.544.3260	Fax: 708.544.8587	Toll Free: 800.783.LA	BS www.suburbar	nlabs.com	" Electronic Version
Company Name HYGIENEERING	, INC.	TURNAROUND T	TIME REQUESTED	ANALYSIS & METHOD	REQUESTED	hage / of $\frac{H}{18}$
Company Address 7575 PLAZA	CT.	Normal RU	*AddItional Rush SH* Charges Approved.	Enter an "X" in box bel	ow for request	0 No. 2016-25-2727
WILLOWBROCK STATE.	zio 605,27	*Date & Time Needed:				hipping Method Page
Phone /- 630-654-2550	Fax Report	Normal TAT is 5-7 work days fo pre-approved and ad	or most work. Rush work must be tditional charges apply.			Level 1 2 3
Email Address	✓ Email Report	Specify Regulatory Progra (Required)	am: 🗸 None/Info only		. ,	LAB USE ONLY
2016-2727 SKOKIE CAMPUS	RAY HARSTEIN.					LI Order No. 1606 626
Project Manager (Report to)		🗌 503 Sludge 🔲 NF				Sample containers Yes
Sample Collector(SKEVIN DOULE / ANT	HONY KENNEDY	Disposal Dt	*Please specify in comment her section below.			Temperature of Pecelved Samples 24° c
SAMPLE IDENTIFICATION		GRAB/ CONTAI	NERS	2		Samples received within Yes
(Please use 1 line per container type)	DATE TIME MATR	IX COMP. Qty SIZE &	& TYPE PRESERVATIVE	ULP		R Condition Split LAB #
1 7781-DFIT-1	MQ 25:01 91/L1/9	1 8 oz.	(P) HNO3 Y	× ×		
2 7761-DF112-B	MQ FS:01 91/ 11,	1 8 02.	(P) HNO3 >	× ×		
3 7761-DF112-C	MQ ES:01 91/21/9	1 8oz-	(P) HNO3 N			
4 7701-DF118-19	JUT/16 W.GI DW	1 802.	-(P) HNO =)	< ×		
5 770(-DFIIR-B	117/16 NOV DW	/ / 80z.	(P) HNO 3)	 X 		
6 7701-KSA162-A	6/17/6 11:06 DW	1 802-	(P) HNO3 Y	^ X		
7 7761-KSA168-B	117/16 1:08 DW	/ 802-	(P) HNO3 X	×		
87761-KJH168-C	W 0 0 900119/16/16	1 802-	(p) HNO3	` ×		
• FFCI - KSAILS -D	NO 30:11 91/1-14	1 802.	$(\rho) HN0 = 1$	< <u>×</u>		
10 7 26 (- K3A 183 6	1/17/16 WW DW	1 802.	(P) HNO3 X	×		
11 77C (-DF103-1A	N: 0 21:11 1/1/11	1 802-	(P) HNO3)	~		· · · · ·
12 770 (-DF103- B	111/16 W:13 0W	80Z-	(P) H N O 3	~		-12A
MATRIX: Drinking Water (DW), Soil (S), COMMENTS Waster (WW), Surface Water(SW),	& SPECIAL INSTRUCTIONS:					CONDITION CODES Improper/damaged container/cap
Ground Water (GW), Solid Waste (WA),					<u>מ</u>	Improper preservation
40z, 80z, 40ml Vial, 500ml, Llter (L), Tube,					4	Headspace/air bubbles for VOCs
					<u>ə</u> . Ü	Received past holding time
NaOH, Sodium Bisulfate (NaB), NaThio					7.	Label conflicts with COC
1. Royaquished By Date	2. Relinquished By	Date	3. Relinquished By	Date	4. Relinquished By	Date
Receive By	" Received By		Received By		Received By	
Submission of samples subject to Terms and Condi	tions on back.	Rev. 2/01/05	Please fill out this form corr	ıpletely, print, sign & su	bmit with samples.	Keep a copy for your records.

Geep a copy for your records.	submit with samples. K	ely, print, sign & s	rm complete	fill out this fo	Please	ev. 2/01/05	I	on back.	and Conditions (subject to Terms	n of samples s	Submission
	Received By	Ce Time		зу	Received I			elved By	/: 20 Rec		NA VE	leceived By
Date	4. Relinquished By	Date		shed By	3. Relinqui	Date		elinquished By	= 211×1/2	Dat		. Refinauishe
lecelved frozen abel conflicts with COC	6. R									eOH) NaThio	NO ₃ , Methanol (Me n Bisulfate (NaB), N	l₂SO₄, HCI, H IaOH, Sodiurr
eceived past holding time	9, 4, 13 1, 1, 1, 1 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1									LEHE: 202, (L), Tube, /ATIVE:	ipe (P) <u>CONLAIN</u> I Vial, 500ml, Liter stic (P) PRESERV	kuage (∪), wi oz, 8oz, 40mi šlass (G), Pla
nproper preservation	<u>ы с</u>									te (WA).	(GW), Solid Wast	around Water
CONDITION CODES							ICTIONS:	ECIAL INSTRU	OMMENTS & SP	ater(SW),	iking Water (DW), (WW), Surface Wa	MATRIX: Drin Vaste Water (
4 ¹ 2 ¹ 2	· · · · · · · · · · · · · · · · · · ·		X X S	HNO:	$\delta cz.(p)$		ŊΜ	16 11:24	L1/9	10-3	01-DF1	12 77
			x x x	HNDS	802-(P)	/	DW	16 11:20	6717	0-D	31 - DFIK	JEZ 11
-		<i>`</i>	X X S	HND=	802-(P)		DW	1531 9/1	<i>۲۱/۵</i>	8-4	১। – । সন্তি	10 770
			× ×	HND	802-(P)	/	٥W	16 11231	F116	57-A	31 - DF10	シケケ。
			× ×	HN0:	802- (P)	/	NO	11 11:29	6/17	56	31-DFIC	8 구구(
	· · · · · · · · · · · · · · · · · · ·		× ×	HND	802-(P)		MON	82:11 911	rild	5-3	6 1- DAO	<u>لہ</u> 14
			8 X X	HND	802. (P)		DW	82:11 91	6/17	S-A	or - Delo	2 7 3
			×	HN0 3	802. (P)		MON	1 <u>16 N:C</u> V	ril)	Ŷ	31-DFIC	5 770
			XX	HNO 3	802-(P)		DVG	116 11.19	11/9	121	UI-KSAI	4 नस्
			×	HN03	802- (P)	/	۵M	1/16/11:16	6/17	•	31-2701) <u>2</u> L 8
		~ 	X	HNUS	802. (P)	/	ЫM	<u> כואו אן</u>	6/17	- 33	2940 - I	2 ₹30
-134			XX	HN03	802. (P)	/	DW	<u> </u>	6/1-	2-4	DI-DFIC	- 1 1 1 1
Condition split LAB #		0	TIVE LUK	PRESERVA	SIZE & TYPE	X COMP. Qty	MATRI		DA-	» per container type)	(Please use 1 llne	-
Amples received within 4 hours of collection?	N 8	<u> </u>	<u>.</u>	L	CONTAINERS	GRAB/		/ OLLECTION	0	ENTIPICATION	SAMPLE IDE	
Temperature of $24 \circ c$			nment	ase specify in cor on below.	Other sect	Disposal	VEDY	vý Keni	HNTHO	1 DoilLE	stor(s) KEVIN	Sample Collec
Sample containers	φ		й 			S03 Sludge			4		ger (Report to)	⁵ roject Manag
order No. 14-06 626				SDWA	□ SRP						cation フィアピー	-9100 -9100
LAB USE ONLY			only] None/Info	ory Program:	Specify Regulate (Require)	ail Report	 ✓ Em 				Email Address
Level 1 2 3	0		st be	k. Rush work mu trges apply.	work days for most wor oved and additional ch	Normal TAT is 5-7 v pre-appro	Report	🗌 Fax	×	4-2550	30-65	hone /- 6
pping Method Page	Snij				ded:	Date & Time Nee	7	6052	diz - 7	ROOK	LLOWB,	/M M
No. 2016-25727	pelow for request	Enter an "X" in box b		Additional Rush arges Approved.	RUSH* ch	 Normal 			AZA CI	575 P	tress 75	Company Add
19e \mathcal{J} of \mathcal{H}_{18}	DD REQUESTED Pa	NALYSIS & METHO		QUESTED	ROUND TIME RE	TURNAF		NC -	UNG, I	IENEEN	ω HVG	Company Nan
Electronic Version	RECORD #	YDOTSU:	V OF C	CHAII	44.8587 To	Fax: 708.5	, Inc. 08.544.3260		LABORA	5. Batavia Ave. G	1950 SUE	
			; } •) 								

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Ce Time		Received By	Time	□ Ice		/ed By	Receiv] Ice		Ŷ	Received B					ecelvo d E
Date		4. Relinquished By	Date			inquished By	3. Rei		Date		shed By	2. Relinquis	211413	Date		shed By	Belinqui
n with COC	 Received froze Label conflicts v 														hanoi (MeOH) e (NaB), NaThio	il, HNO ₃ , Mett dium Bisulfate	204. HC
rolding time	5. Received past I														RESERVATIVE	Plastic (P) P	lass (G),
pubbles for VOCs	4. Headspace/air i)mi, Liter (L), Tu	i, wipe (F) 😟 Iomi Vial, 500	oz, 8oz, 4
rvation	2. Improper prese														plid Waste (WA)	ater (GW), Sc	round Wa
ged container/cap	1. Improper/dama									IONS:	. INSTRUCT	SPECIAL	JUNUENIS	ءِ <u>۽</u>	er (Dw), soli (s irface Water(SM	utinking wat ter (WW), Su	laste Wa
-364				××	V03	H	2-(P	1 80.		MQ	12:00	11/16	6		1- 21F	- /82	12
				×. ×	E 01	VH (2-(1)	08/		DW	11:54	<u>911-11</u>	61)FIIS - E	1-122	= ~/
				× ×	V03	(H)	2.0	1 80		DW	1:54	17/16	61	D	DFIIS -	70/-1	らん
		·····		× ×	×00) HN	2-(0	1 80		MQ	11:51	11/16	61		DFILY -f	-105	» ب
				× ×	NÚ 3	$\frac{1}{H}$	1-	1 80		MQ	11:51	117416	6	Α	DFIIY -	$\frac{1}{2}$	∞ √√
				× ×	S DN	HI (2-10	98 /		DW	11:46	11' 'r] 6	0.		DFNS -	60/-	4
				× ×	V0 3	1/14/	1) 2	28 1		DW	11:46	11/16	6.	T	DENZ -	-1051	5
				X X	VÔ ₃	$\frac{1}{H}$	Z. (F	08		MQ	11:46	117/16	6	P	- 5119-1	-192	5
				×	VØ 3	$\frac{1}{H}$	1)-2"	1 80		DV	11:40	111/16	e.		-DFIG&	- 1 29.	4
				× ×	N03	1 <u>H</u> (c	2- (1	1 80		Din	11241	117/16	6		DEIII	701-1	دن لبہ
				XX	NÚ3	H(')	×2. (f	180		DW	24:11	1716	6		DFOQ	101-	_√ ∿
-26A		· · · · · · · · · · · · · · · · · · ·		XX	NÜ3	1/1/c) <u>z</u> . (1	180		DW	11:39	31/21	6		152 155	10/-1	- - 1
n Split LAB #	R Conditic			d'lu.	SERVATIVE	E PRE	ZE & TYP	Qty SI	COMP.	MATRIX	TIME	DATE		ontainer type)	use 1 line per co	(Please L	
ad within Yes	Samples receive 24 hours of coll-	· · · · · · ·		د. ک			TAINERS	SON	GRAB/	/	CTION			CATION	LE IDENTIF	SAMP	
"₀s 24 °c	Temperature c Received Sample		· · · · · · · · ·		elfy in comment w.	*Please spection below	Other] Disposa		KENNE	10MY	ANTE	ev/le	EVIN D	ollector(s)	iample Co
tiners Yes	Sample conta supplied by cus				MWRDGC		NPDES	dge [_] 503 Siu		:	4			rt to)	ınager (Repo	roject Ma
106626	SLI Order No.				SDWA		SRP		∐ LUST						17	/Location	
JSE ONLY	LAB L				e/Info only	Vone	ogram:	rulatory Pr equired)	Specify Reg (Re	leport	✓ Email F					ress	imali Add
1 2 3	QC Reporting Level				i work must be iply.	: work. Rush J charges ap	ays for most 1d additiona	5-7 work da approved ar	lormal TAT is pre-a	port	🗌 Fax Re		×.	2550	654-	-630-	phone /-
Page	Shipping Method			· -				Needed:	ate & Time		,0527) _{diz}	Tr -	Sta Sta	WBROC	1140	jä S
16-25-727	PO No. 201	Now for request	ter an "X" in box be	Ent	al Rush oproved.	"Additiona Charges Ap	RUSH*		🗸 Normal			CT.	AZA	SP	757	Address	Company
\mathcal{L}_{18}	Page 3	D REQUESTED	ALYSIS & METHOL	ANA	3TED	REQUES	JD TIME	VAROUN	TUR		1	INC	UNE,	NEEK.	HYGIE	Name	Company
ronic Version	# Elect	RECORD	WWW.suburba	BS C	: 800.783.L/	Toll Free	587)8.544.8	Fax: 70	nc. 44.3260	Tel. 708.5		LABO	RBAN avia Ave. G	SUBUI 1950 S. Bat		
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s. Keep a copy for your re	print, sign & submit with sample:	completely,	lease fill out this form	2/01/05 P	, Rev.	Conditions on back	les subject to Terms and	ibmission of samp	S
	ime Received By		ceived By	Ice Time Re		C Received By		ceived	Pec
Date	4. Relinquished By	Q	Relinquished By	Date 3.	эд Ву	1/16 2. Relinquish	and bais	Relinguished By	
 Received past holding til Received frozen Label conflicts with COC 							ISERVATIVE: 101 (MeCH) 1aB), NaThio	ass (G), Plastic (P) PRE SO ₄ , HCl, HNO ₅ , Methan OH, Sodium Bisulfate (N	
 Insufficient sample volur Headspace/air bubbles f 							<u>ITAINER:</u> 202. Líter (L), Tube,	ıdge (U), Wipe (P) <u>CON</u> z, 8oz, 40ml Vial, 500ml,	Slu 40z
2. Improper preservation							Waste (WA),	ound Water (GW), Solid	Gro
CONDITION CC 1. Improper/damaged conta					NSTRUCTIONS:	ENTS & SPECIAL I	(DW), Soil (S), COMME ce Water(SW),	ATRIX: Drinking Water (Aste Water (WW), Surfac	MA Wa
		XX	е ОNH (d	1 802-(DW	6/17/16			15
		XX	E ONH (J	1 802-(DW	6/1-1/16			
		XX	P) HNO3	1 802-1	OW	6/17/16		0	13
	·····	XX	P) HN03	1 802-1	DW	6/17/16			6
		XX	E 0NH (6)	1 802- (DW	6/17/16			8
		ΥX	P) HNO3	1 80z-(M O	6/17/16		×	7
		ΧX	P HNO3	1 80z. (DW	6/17/6			0
	· · · · · · · · · · · · · · · · · · ·	XX	(P) HNO 3	1 80z. (MO	6/117/16			5
		××	(P) HNO 3	1 802-	011	6/17/16			4
		XX	(P) HN03	1 802-1	DW	6/17/16			ω
		XX	(P) HN03	1 802.	Nº56 DW	6/17/16	DENT	-1025	N
		XX	(P) HNO3	1 80Z.	M0 0002	6/17/16	FIIC-B	0-104	<u> </u>
R Condition Sp		ECULD	YPE PRESERVATIV	COMP. Qty SIZE & T	TIME MATRIX	DATE	1 line per container type)	(Please use	I
Samples received within 24 hours of collection?		2	RS	GRAB/ CONTAINE	TION		EIDENTIFICATION	SAMPLE	
Temperature of Amples	· · · · · · · · · · · · · · · · · · ·		*Please specify in comme f section below.	Disposal 🗌 Othe	ENNEDY	WTHONY &	I'N DOVUE / E	Imple Collector(s)	Sa
Sample containers supplied by customer?		·		503 Sludge 🔲 NPD			9	oject Manager (Report to	Pro
SLI Order No.			SDWA				7	oject ID / Location	S.
LAB USE C			✓ None/Info only	pecify Regulatory Program: (Required)	ノ Email Report S			nall Address	g
OC Reporting	· · · · · · · · · · · · · · · · · · ·	Q	nost work. Rush work must be Ional charges apply.	mai TAT is 5-7 work days for r pre-approved and addit	Fax Report		54-2550 ^{Fax}	1000/-630-6	Ę
Shipping Method		· ·		e & Time Needed:	0527 *Da	·9 diz	IBROCK State	WILLOW	្ឋ
PO No. 2016-	r an "X" in box below for request	Enter	*AddItional Rush Charges Approved.] Normal 🔄 RUSH	<u></u>	EA CT.	7575 PLA:	ompany Address	8
Page <i>L</i> of <i>C</i>	YSIS & METHOD REQUESTED	ANAL	NE REQUESTED	TURNAROUND TIN		16, INC.	V61ENEERIN	ompany Name H	8
# Electronic	VSTODY RECORD		Toll Free: 800.783	Fax: 708.544.8587	Tel. 708.544.3260	BORATOF a, IL 60134	50 S. Batavia Ave. Genev		
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