



**Ann Arbor Public Schools
Legionella Sampling Analysis
Project Number: AE200779**

Pioneer High School										
Date of Sampling: 11-12-20										
Sampler: Brendan Koziol										
Sample #	Location	Time Collected	Bottle Type	Chlorine (ppm)	Temp °C	pH	Legionella Pneumophila Lab Result	Other Legionella Species ³ Lab Results	Total Legionella raw ct.	Total Legionella (cfu (colony forming units)/ml)
Pioneer-HWH-01	Hot Water Heater in Boiler Room	9:10 AM	1 Liter	0.66	41.4	8.93	ND	ND	ND	<0.1
Pioneer-HWH-02	Hot Water Heater in Football Field Boiler Room	10:20 AM	1 Liter	0.99	25.9	9.46	ND	ND	ND	<0.1
Pioneer-Shower-01	Main Boys Locker Room, Left shower Structure, Lower Spigot	9:35 AM	Bioswab	0.25	31.8	9.05	ND	ND	ND	<20
Pioneer-Shower-01	Main Boys Locker Room, Left shower Structure, Lower Spigot	9:40 AM	1 Liter	0.25	31.8	9.05	ND	ND	ND	<0.1
Pioneer-Shower-02	Football Field, Officials Locker Room, Shower	9:55 AM	Bioswab	2.98	14.1	9.58	ND	ND	ND	<20
Pioneer-Shower-02	Football Field, Officials Locker Room, Shower	9:58 AM	1 Liter	2.98	14.1	9.58	ND	ND	ND	<0.1

1) <0.1 is the detection limit for Legionella in bulk water samples
 2) <20 is the detection limit for Legionella in bioswab samples
 3) See attached analytical results for full list of other Legionella species

Pioneer High School Sampling Results Table

Pioneer High School				
Location	Parameter	Result	MCL/AL	Method Reference
Pioneer-14: Hallway, Outside Room C304, Hydration Station, Bottle Fill	<i>E. coli</i>	Negative	Zero	ATP D05-0035
	Total Coliforms	Negative	Zero	ATP D05-0035
Pioneer-28: Football Coach Office, Next to Receiving, Kitchen Faucet	<i>E. coli</i>	Negative	Zero	ATP D05-0035
	Total Coliforms	Negative	Zero	ATP D05-0035
Pioneer-45: Room C-110, Faucet	<i>E. coli</i>	Negative	Zero	ATP D05-0035
	Total Coliforms	Negative	Zero	ATP D05-0035
Pioneer-51: Room E110, Kitchen Faucet	<i>E. coli</i>	Negative	Zero	ATP D05-0035
	Total Coliforms	Negative	Zero	ATP D05-0035
Pioneer-58: Lower Level Track/Weight Room, Hydration Station, Bottle Fill	<i>E. coli</i>	Negative	Zero	ATP D05-0035
	Total Coliforms	Negative	Zero	ATP D05-0035
Pioneer-60: Hallway, Outside Room C206, Hydration Station, Bottle Fill	<i>E. coli</i>	Negative	Zero	ATP D05-0035
	Total Coliforms	Negative	Zero	ATP D05-0035
Pioneer-69: Room D213, Faucet	<i>E. coli</i>	Negative	Zero	ATP D05-0035
	Total Coliforms	Negative	Zero	ATP D05-0035
Pioneer-72: Hallway, Outside Room C322, Hydration Station, Bottle Fill	<i>E. coli</i>	Negative	Zero	ATP D05-0035
	Total Coliforms	Negative	Zero	ATP D05-0035
Pioneer-75: Main Outbuilding, Room 103, West Concessions, Three-Compartment Sink, Add On Faucet, Far Right	<i>E. coli</i>	Negative	Zero	ATP D05-0035
	Total Coliforms	Negative	Zero	ATP D05-0035
Pioneer-77: Main Outbuilding, Room 123, East Concessions, Three-Compartment Sink, Add on Faucet, Far Right	<i>E. coli</i>	Negative	Zero	ATP D05-0035
	Total Coliforms	Negative	Zero	ATP D05-0035