



WAYNE-WESTLAND COMMUNITY SCHOOLS LEAD IN DRINKING WATER PROGRAM SAMPLING PROTOCOL

1. Primary sampling sources should be those used for drinking and food preparation. Those would include drinking fountains, coolers, classroom sinks used for drinking, kitchen sinks, nurse's sink, and sink/drinking fountain combinations.

B= Bubler (both in classrooms and as part of a drinking fountain)
WC = Water Cooler (plug-in Chiller Unit)
CF= classroom faucet
KS= Kitchen Sink
BF = Bathroom Faucet
NS = Nurses Sink
*S = Other Sink used for Drinking/Consumption

2. Initial samples should be collected in a 125-milliliter (mL) sample bottle with HNO₃=Nitric Acid. The samples should be collected as a first draw, after the water has been stagnant in the system for at least 8 hours, typically overnight. Do not remove any aerators or screens from the fixtures. Samples should not be collected the morning after vacation, weekends or holidays because the water will have remained stagnant for too long and would not represent water used for drinking during most of the days of the week. The sampler should induce a small (e.g., pencil-sized) steady flow of water from the sample location.

3. Each sample bottle label should be labeled with the ID number, date and time. Sample ID's are the following:

AM= Adams Upper Elementary School
AD= Dyer Administration Building
BG= Buildings & Grounds
BUS= Bus Garage/Transportation
ED= Edison Elementary School
EL= Elliot Elementary School
F= Franklin Middle School
G= Graham Elementary School
HA= Hamilton Elementary School
HI= Hicks Elementary School
HO= Hoover Elementary School
JG= John Glenn High School
MS= Marshall Upper Elementary School
RM= Roosevelt-McGrath Elementary School
SC= Schweitzer Elementary School
SE= Stevenson Middle School
ST= Stottlemeyer ECC
TG= Taft-Galloway Elementary School
TAE= Tinkham Alternative High School
WW= Walker-Winter Elementary School

WM= Wayne Memorial High School
WD= Wildwood Elementary School
WFC= William Ford Career Technical Center

4. All samples collected should be entered into the lead in drinking water recordkeeping worksheet. Additionally, a chain of custody needs to be completed noting each sample collected. Samples should be delivered to an accredited laboratory to be analyzed for lead content.
5. A picture of each sample location should be taken and recorded. Each picture should be labeled with school and location.
6. Samples should be handled following the instructions provided by the laboratory.
7. All drinking water samples collected by AEG as part of a lead in drinking water testing program are collected and interpreted with the Environmental Protection Agencies (EPA) guidance manual "*3Ts for Reducing Lead in Drinking Water in Schools Revised Technical Guidance, October 2006*"; not to be confused with the protocol employed by public water suppliers.
8. Follow-up flush samples should be immediately conducted at any location with a reported lead level above the recommended action level. Follow-up flush samples are recommended by the EPA to determine how lead is entering at the location and determine appropriate corrective actions if needed. As with initial first draw samples, follow-up flush samples should be collected before the facility opens and before any water is used. Follow-up flush samples generally involve the collection of water from an outlet where the water has run for 30 seconds.

The sampler should induce a small (e.g., pencil-sized) steady flow of water from the sample location. The sample approach is designed to analyze the lead content in the plumbing behind the wall. Sudden changes in flow can stir up sediments or cause sloughing of pipe films that would not be characteristic of typical water patterns.

9. Final results should be entered into a lead in drinking water data sheet, and placed within the Wayne-Westland Community Schools administration binder.

Wayne-Westland Community Schools
Drinking Water Sampling Schedule

2015-2016 Fiscal Year	2015						2016					
	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Adams Upper Elementary School (AM)												
Dyer Administration Building (AD)												
Buildings & Grounds (BG)												
Bus Garage/Transportation (BUS)												
Edison Elementary School (ED)									X			
Elliot Elementary School (EL)									X			
Franklin Middle School (F)												
Graham Elementary School (G)												
Hamilton Elementary School (HA)												
Hicks Elementary School (HI)												
Hoover Elementary School (HO)												
John Glenn High School (JG)												
Marshall Upper Elementary School (MS)									X			
Roosevelt-McGrath Elementary School (RM)												
Schweitzer Elementary School (SC)												
Stevenson Middle School (SE)									X			
Stottlemeyer ECC (ST)												
Taft-Galloway Elementary School (TG)												
Tinkham Alternative High School (TAE)												
Walker-Winter Elementary School (WW)												
Wayne Memorial High School (WM)												
Wildwood Elementary School (WD)												
William Ford Career Technical Center (WFC)												

Wayne-Westland Community Schools
Drinking Water Sampling Schedule

2016-2017 Fiscal Year	2016						2017					
	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Adams Upper Elementary School (AM)												
Dyer Administration Building (AD)												
Buildings & Grounds (BG)												
Bus Garage/Transportation (BUS)												
Edison Elementary School (ED)												
Elliot Elementary School (EL)												
Franklin Middle School (F)												
Graham Elementary School (G)			X									
Hamilton Elementary School (HA)			X									
Hicks Elementary School (HI)			X									
Hoover Elementary School (HO)			X									
John Glenn High School (JG)												
Marshall Upper Elementary School (MS)												
Roosevelt-McGrath Elementary School (RM)						X						
Schweitzer Elementary School (SC)						X						
Stevenson Middle School (SE)												
Stottlemeyer ECC (ST)									X			
Taft-Galloway Elementary School (TG)						X						
Tinkham Alternative High School (TAE)									X			
Walker-Winter Elementary School (WW)									X			
Wayne Memorial High School (WM)												
Wildwood Elementary School (WD)									X			
William Ford Career Technical Center (WFC)												

Wayne-Westland Community Schools
Drinking Water Sampling Schedule

2017-2018 Fiscal Year	2017						2018					
	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Adams Upper Elementary School (AM)						X						
Dyer Administration Building (AD)			X									
Buildings & Grounds (BG)			X									
Bus Garage/Transportation (BUS)			X									
Edison Elementary School (ED)									X			
Elliot Elementary School (EL)									X			
Franklin Middle School (F)						X						
Graham Elementary School (G)												
Hamilton Elementary School (HA)												
Hicks Elementary School (HI)												
Hoover Elementary School (HO)												
John Glenn High School (JG)						X						
Marshall Upper Elementary School (MS)									X			
Roosevelt-McGrath Elementary School (RM)												
Schweitzer Elementary School (SC)												
Stevenson Middle School (SE)									X			
Stottlemeyer ECC (ST)												
Taft-Galloway Elementary School (TG)												
Tinkham Alternative High School (TAE)												
Walker-Winter Elementary School (WW)												
Wayne Memorial High School (WM)						X						
Wildwood Elementary School (WD)												
William Ford Career Technical Center (WFC)			X									