



WATER FLUSHING AND SAMPLING - SAFE DRINKING WATER

(See Attached Facility General Information For Water Flushing Record)

(See Attached Water Pipe Flushing Recordings) (See Attached Flushing Your Plumbing)

(See Attached Sampling for Lead)

In accordance with Ministry regulation, all older buildings which may contain pipes with lead content are required to flush such pipes as recommended before any consumption. As such, the opening staff member of each building will run the water fountains and kitchen taps for minutes as stipulated before allowing the water to be used in human consumption. The flushing and recording will be done by the first person in each building in the morning. Records will be stored for six years.

Each year, or as required by the Ministry, water samples from each applicable building will be submitted for testing. Samples will be collected and submitted, as requested, by the Principal or designate.

Information will be made available to parents as requested.



FACILITY GENERAL INFORMATION FOR WATER FLUSHING RECORD

Type of Facility: Private School

Name of Facility: Montessori Learning Centre of Pickering

Name of Principal/Contact Person: Nicola Phillips

Address of Facility: _____ Kingston Road
Pickering, ON

Address of Facility: 631 Liverpool Road
Pickering, ON

Mailing Address: 401 Kingston Road
Pickering, ON L1V 1A3

E-mail Address: info@montessorilearningcentre.com

Telephone Number: (905) 509-1722

Fax Number: (905) 509-8283



WATER PIPE FLUSHING RECORDINGS

PLEASE ENSURE THAT PIPES ARE FLUSHED FOR 5 MINUTES

	Date DD/MM/YYYY	Time Flushing Started	Time Flushing Ended	Name of Person Flushing
Main Building				
Cottage				
Portable				
White House				
Kitchen				
Water Fountain				
Other:				
Liverpool Road				

Main Building				
Cottage				
Portable				
White House				
Kitchen				
Water Fountain				
Other:				
Liverpool Road				

FLUSHING YOUR PLUMBING

AT-A-GLANCE GUIDE FOR SCHOOLS, PRIVATE SCHOOLS AND CHILD CARE CENTRES

WHO SHOULD FLUSH THEIR PLUMBING?

All schools, private schools and child care centres

HOW OFTEN SHOULD PLUMBING BE FLUSHED?

How often you flush depends on several factors including:

- the age of the plumbing in the building
- lead test results from previous drinking water sampling
- the location and use of drinking water fixtures
- if there is an NSF certified filter installed on a drinking water fixture

DAILY — Flush daily if:

- any part of your plumbing was installed prior to 1990 and you have fewer than two consecutive years of lead test results
- or
- there has been an exceedance of the standard for lead in the past 24 months
- or
- your facility has been directed to flush daily

WEEKLY — Flush weekly if:

- any part of your plumbing was installed prior to 1990, you have at least two consecutive years of lead test results and there has been no exceedance of the standard for lead in the past 24 months
- or
- no plumbing was installed prior to 1990 and there has been no exceedance of the standard for lead in the past 24 months

NO FLUSHING

Applicable to all fixtures, except for "end of branch" taps. Flushing is not required for:

- fountains and taps where the most recent standing sample was at or below 1 µg/L, including with an NSF filter
- taps that do not provide drinking water or are not used to prepare food or drink for children under 18

For more information about flushing and sampling for lead, visit www.ontario.ca/drinkingwater

Disclaimer: This is a guide only and should not be relied on for compliance purposes. To be clear about your specific legal requirements refer to the text of Ontario Regulation 243/07 (Schools, Private Schools and Child Care Centres) and the Safe Drinking Water Act, 2002. Schools, private schools and child care centres that operate their own drinking water systems are also regulated under Ontario Regulation 170/03 (Drinking Water Systems) and have additional legal requirements.

Effective July 2017



HOW TO FLUSH YOUR PLUMBING

1. SCHEDULE a time to do your flushing so that it starts and ends before your facility opens for the day or week. If, for example, the facility has overnight programs or is a boarding school and there is no clear time when the facility opens for the day then simply complete the flushing as early as practical.



2. FOR 5 MINUTES, flush the plumbing by running the cold water tap at the end of each branch or run of pipe that serves drinking water taps and fountains or taps used to prepare food or drink for children under 18. All the 5 minute flushing must be complete before moving to the next step.



3. FOR 10 SECONDS, flush every drinking water fountain and any tap that provides drinking water or is used to prepare food or drink for children under 18.



4. RECORD the date, time and location of the completed flushing. Also record the name of the person who did the flushing or verified that any automatic flushing devices worked properly.



ADDITIONAL NOTES:

- The standard for lead can be found in Ontario Regulation 169/03 (Ontario Drinking Water Quality Standards).
- Do not remove the aerator when flushing.
- If, for a given day or week, a part of the building will not be used to provide services or hold programs for children under 18, then flushing is not required in that part of the building.

SAMPLING FOR LEAD

AT-A-GLANCE GUIDE FOR SCHOOLS, PRIVATE SCHOOLS AND CHILD CARE CENTRES

WHO MUST SAMPLE FOR LEAD?

All schools, private schools and child care centres

WHAT GETS SAMPLED?

Every drinking water fountain and any tap that provides drinking water or is used to prepare food or drink for children under 18

WHEN ARE SAMPLES TAKEN?

Between May 1 - October 31

BY WHEN?

Schools With A Primary Division And Child Care Centres

- At least 1/3 of drinking water fountains and taps must be sampled in each of 2017, 2018 and 2019
- All drinking water fountains and taps must be sampled by January 1, 2020

Other Schools

- By January 1, 2022

ANNUAL AND REDUCED SAMPLING

After all drinking water fountains and taps have been sampled at least once, sample at least one such tap or fountain from your inventory (preferably on a rotational basis) once annually between May 1-October 31 or at least once every three years where requirements for reduced sampling have been met, unless directed otherwise

HOW TO SAMPLE FOR LEAD

BEFORE YOU SAMPLE

- CONTACT A LICENSED LABORATORY** for sampling instructions and containers, and complete a Registration and Laboratory Services Notification form to submit to the Ministry of the Environment and Climate Change if you have not already done so.
- DO AN INVENTORY** of your drinking water taps and fountains, and taps used to provide food or drink to children under 18 years old.

ON THE DAY YOU SAMPLE

- WAIT SIX HOURS** or more since the plumbing was last used or, if six hours is impractical, start sampling after the longest period of non-use as is practical.
- PREPARE TO TAKE TWO ONE-LITRE SAMPLES** using instructions provided by the laboratory and as follows:
 - each sample must include the first water out of the fountain or tap;
 - the water must flow at a rate that approximates normal use.
- TAKE THE FIRST SAMPLE.** This is referred to as the "standing sample." If taking multiple samples in the same day, collect all standing samples throughout the facility before any flushing occurs (step 6).
- DO A 5 MINUTE FLUSH** of the fountain or tap. Flush by turning on the cold water and letting it flow at full volume.



7. WAIT 30 MINUTES. Do not use fountain or tap and if possible leave entire plumbing unused. Do not wait longer than 35 minutes before taking the second sample (step 8).

8. TAKE THE SECOND SAMPLE. This is known as the "flushed sample" because it is taken after flushing is completed.

9. RECORD:

- date and time when each sample was taken;
- amount of time the plumbing was not used prior to sampling;
- location of the fixture in the facility;
- name of the person who took the sample.

10. SEND SAMPLES to licensed laboratory according to the instructions provided.

ADDITIONAL NOTES

- Do not remove the aerator when sampling.
- If your sample shows high lead levels you may be asked by the Medical Officer of Health to take additional steps. In this case you should follow all directions provided by the Medical Officer of Health.
- In the case where two facilities are co-located in one building, each facility must submit all required drinking water fountain and tap samples for their individual facility by the applicable deadline before samples can be shared between facilities for ongoing annual sampling.
- Facilities that begin operating on or after July 1, 2017 must collect at least one set of samples and have them tested for lead within 30 days of opening, and sample all drinking water fountains and taps within three years (for child care centres and schools with a primary division) or five years (for other schools).

For more information about flushing and sampling for lead, visit www.ontario.ca/drinkingwater

Disclaimer: This is a guide only and should not be relied on for compliance purposes. To be clear about your specific legal requirements refer to the text of Ontario Regulation 243/07 (Schools, Private Schools and Child Care Centres) and the Safe Drinking Water Act, 2002. Schools, private schools and child care centres that operate their own drinking water systems are also regulated under Ontario Regulation 170/03 (Drinking Water Systems) and have additional legal requirements.

Effective July 2017

