Compliance with the Clean Drinking Water Access Act 154

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Act 154 Key Points

1. **Purpose:** The act establishes a program to assist certain child care centers and schools with the acquisition, installation, and maintenance of filtered water stations and faucets.
2. **Water Sampling and Testing:** It provides for the sampling and testing of water from specific water outlets.
3. **Funds Creation:** The act creates certain funds to support these initiatives.
4. **Departmental Duties:** It outlines the duties of certain state departments and officers related to clean drinking water access.

Act 154 Key Points

- Each school facility must have at least one (1) filtered bottle-filling station for every 100 occupants. The regulation does not dictate the locations of filtered bottle-filling stations.
- Public school" means a public elementary or secondary educational entity whose primary mission is the teaching and learning of academic and vocational-technical skills and knowledge.
- Sampling is unnecessary for consumption locations that do not supply water through a faucet. School facilities on wells are required to comply with the Lead and Copper Rule and Act 154.

Schedule

- EGLE/MiLEAP post final guidance materials by **April 24, 2024**, including a 30-day public comment period.
- Schools and child care centers complete a Drinking Water Management Plan by **January 24, 2025**.
- Child care centers ensure that any water furnished to children is from a filtered source by **October 24, 2025.**
- Schools have approved filters on all consumptive fixtures and post signage by the end of the 2025-2026 school year, **June 30, 2026.**

Fixture Inventory

1. The location where a water outlet will be maintained to deliver water for human consumption.
    - Locations designated for consumption must be filtered.
    - Type of fixture must be noted.
    - Examples include kitchens, nurses' offices, teachers' lounges, life skills classrooms (cooking), concessions, preschool/kindergarten rooms, and faucets used for teeth brushing.
2. The location where a water outlet will be maintained for purposes other than human consumption.
    - The location where a water outlet will be shut off or rendered permanently inoperable.
3. **Due January 24, 2025.**

Consumable Location Descriptions

Outlet #	Sample #	Location	Fixture Type	POU Filter	Notes
1	School Name -01	Concessions, Single Prep Sink, Faucet	Kitchen Sink	No	
2	School Name -02	Hallway, Outside Main Office, Single Bottle Fill	Single Bottle Fill	Yes	Filtered bottle fill station only, no bubbler. To comply with Act 154, add a bubbler mouthpeice.
3	School Name -03	Room 1, Faucet	Faucet	No	
4	School Name -04	Hallway, Across Room 4, Single Water Cooler	Water Cooler	No	To comply with Act 154, add a filter or replace it with a filtered bottle filling station.
5	School Name -05	Hallway, Across Room 4, Hydration Station, Bubbler	Hydration Station	Yes	
6	School Name -06	Hallway, Across Room 4, Hydration Station, Bottle Fill	Hydration Station	Yes	
58	School Name -07	Room B-6, Combination Sink, Faucet	Combination Sink Faucet	No	
59	School Name -08	Room B-6, Combination Sink, Bubbler	Combination Sink Bubbler	No	
7	School Name -09	Room B-6, Combination Sink, Faucet	Combination Sink Faucet	No	
8	School Name -10	Main Office, Clinic Sink, Faucet	Faucet	No	
9	School Name -11	Kitchen, Prep Sink, Faucet	Kitchen Sink	No	
10	School Name -12	Kitchen Kettle, Faucet	Kitchen Sink	No	
11	School Name -13	Kitchen, Plumbed Coffee Machine	Kitchen Sink	No	This location does not need to comply with Act 154. Filter and sampling are not required.
12	School Name -14	Kitchen, Ice Machine	Kitchen Sink	No	This location does not need to comply with Act 154. Filter and sampling are not required.

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Filtered Bottle Filling Station Requirements

- Is connected to the building plumbing and filters water.
- Is certified to meet NSF/ANSI Standard 53 for lead reduction and NSF/ANSI Standard 42 for particulate removal.
- Has a light or other device to indicate filter cartridge performance.
- Is designed to fill drinking bottles and has a bubbler fixture that allows the user to drink directly from a stream of flowing water.

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Kitchens - Consumable

- Water used for food prep must have a filter that meets the NSF/ANSI standard 53 for lead reduction and NSF/ANSI standard 42 for particulate removal.
- Prep sinks and 3-compartment sinks are difficult to filter.
- Consider installing a single cold-water faucet for food prep.

Toothbrushing- Consumable

- Water used for toothbrushing must be included as a consumable location.
- This would include bathroom faucets.

Concessions/Athletic Facilities - Consumable

Concessions

- Water used for food prep in concessions facilities must be included as a consumable location.

Athletic Facility

- Drinking fountains inside and outside the athletic facilities must be included as a consumable location.

Non-Consumable Location Descriptions

Outlet #	Sample #	Location	Type	Notes
1	NA	Room B-5, Single Bathroom, Faucet	Bathroom Faucet	
9	NA	Music Room, Sink	Hand Wash Faucet	
15	NA	Single Restroom #1, Hallway, Across Music Room, Faucet	Bathroom Faucet	
16	NA	Single Restroom #2, Hallway, Across Music Room, Faucet	Bathroom Faucet	
18	NA	Woman's Gang Bathroom, Across Media Center, Faucet #1	Bathroom Faucet	
19	NA	Woman's Gang Bathroom, Across Media Center, Faucet #2	Bathroom Faucet	
27	NA	Custodial Closet, Outside Room C-21, Faucet	Slop Sink	
28	NA	Room C-20, Single Bathroom, Faucet	Bathroom Faucet	
44	NA	Kitchen, 3-Compartment Sink, Faucet #1	Kitchen Dish Wash Faucet	
45	NA	Kitchen, 3-Compartment Sink, Faucet #2	Kitchen Dish Wash Faucet	

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Drinking Water Management Plan

- Include the consumption and non-consumption inventory.
- Inoperable fixture inventory.
- A schedule for annual water sampling of the consumable locations.
- Filter replacement schedule.
- **Due January 24, 2025.**

NSF/ANSI Filter Standards

Certification Mark(s)	
 *Product Listing Directory: info.nsf.org/Certified/DWTU/*	 *Product Listing Directory: wqa.org/Find-Products#/*
 *Product Listing Directory: pld.iapmo.org/*	 *Note: For UL, text must be located underneath the mark. The File No. is a unique product identification number.* *Product Listing Directory: database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.html*
 *Product Listing Directory: csagroup.org/testing-certification/product-listing/*	**Text for NSF/ANSI Standards 42 & 53 next to certification marks:** • Example text on packaging: *Tested and Certified by (name of certification body) against NSF/ANSI Standards 42 and 53 for the claims specified on the Performance Data Sheet.* • Some companies may indicate lead removal in the text, or might simply state NSF/ANSI 53 or NSF/ANSI 42 above or below the mark.

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Signage

- Post a conspicuous sign near each water outlet indicating whether or not the outlet is intended to provide water for human consumption.
- The regulation does not dictate the type of sign or language of the sign.

Annual Sampling

- Conduct annual water sampling and testing of consumable locations to ensure water with a concentration of not more than 5 ppb.
- Samples must be first draw after at least an 8-hour stagnation period.
- A certified laboratory must conduct testing.

Action Level

Sample results of 1 ppb or more but not more than 5 ppb.

- Immediately check the status of the filter or filters at the filtered bottle-filling station or filtered faucet and replace the filter cartridge if the status light indicates that replacement is or will soon be required.
- Ensure the filtered bottle-filling station or filtered faucet is properly installed.
- Resample and retest the filtered water.

Action Level

Sample results indicate the presence of lead at a concentration of more than 5 ppb.

- Immediately render the outlet inoperable.
- Post a sign that the location is out of service due to high lead concentration. The sign must remain in place until it can be returned to service.
- Replace filter.
- Resample and retest the water.

Reporting High Lead Levels

If resampling also indicates the presence of lead at a concentration of more that 5 ppb, you must conduct the following:

- Within 30 days after receiving the test results, send a copy of the test results to the department and send a notice to school staff and each parent or guardian of a student enrolled in the school, in a manner determined by the school district.
- The notice must state the amount of lead found in the water and information provided by the department on the health effects of lead exposure and ways to reduce childhood lead exposure.
- Develop a remediation plan in consultation with the department and incorporate the remediation plan into the Drinking Water Management Plan.

Certification

Each school shall submit the Clean Water Access Act Certification Form to EGLE by **August 15th** on an annual basis, certifying that the school has complied with the requirements of the Clean Water Access Act.

380.1911 School and child care center clean drinking water fund

- The 1-time acquisition and installation of filtered bottle-filling stations and filtered faucets, in compliance with the plan.
- Maintenance of filtered bottle-filling stations and filtered faucets and replacement of filter cartridges, in compliance with the plan.
- Costs associated with water sampling and testing.
- Costs associated with mailing or delivering any water collected for water sampling and testing.