

DOMINION CHRISTIAN ACADEMY PRESCHOOL
 8332 FAYETTEVILLE ROAD, RAEFORD, NC 28376
 Order ID: CWCKRT-02dc12064f
 Order Date: MARCH 27, 2024



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Thank you for participating in the Clean Water for Carolina Kids™ program to help identify and eliminate exposures to environmental hazards where North Carolina children learn and play!

We received the 1 water samples you collected. Your facility's samples were analyzed at our laboratory on **APRIL 23, 2024**. This letter provides additional information about our analysis method and your facility's results.

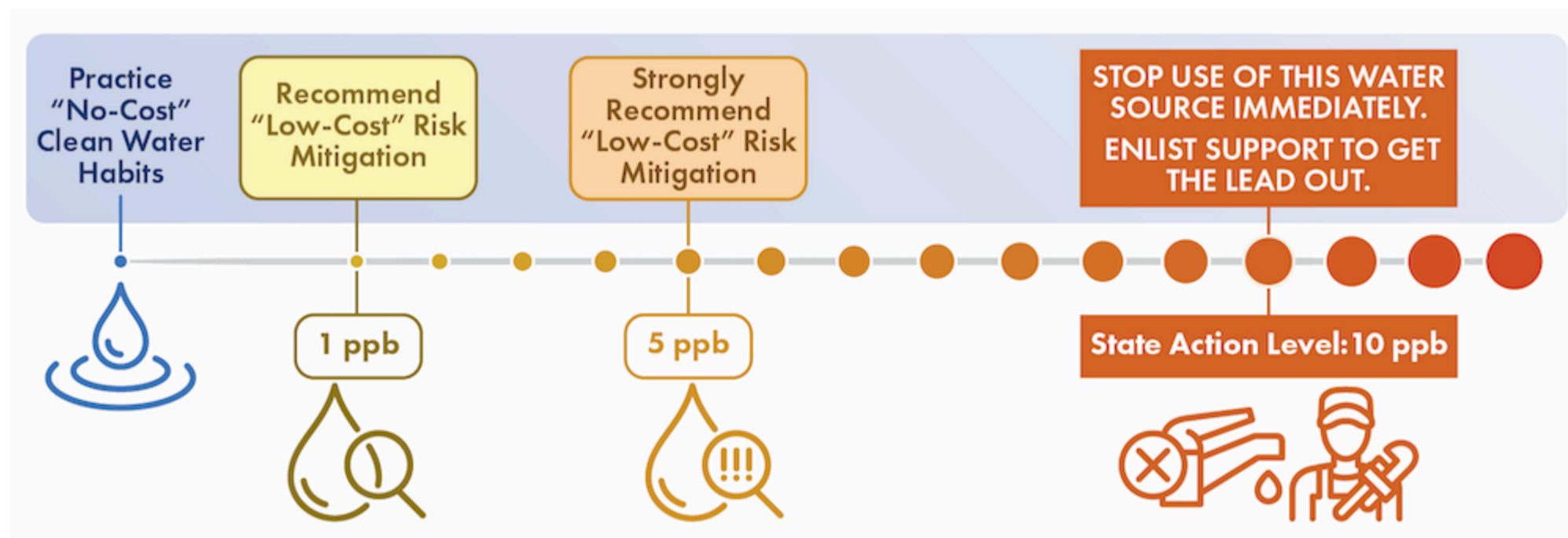
Your Facility's Water Results

We did detect lead in your drinking and cooking water samples. **Table 1** shows that these levels range from 11.04 to **11.04** ppb.

Table 1. Laboratory Analytical Results and Recommendations

Alert	Sample ID	Description	Location	Lead (ppb)	Recommendation Type (see Table 2)
	W38093	Sink	Kitchen/Cafeteria Kitchen	11.04	Lead detected at or above 10 ppb ➔ Stop use immediately; mitigation support pending

Figure 1. Illustration of Recommended Risk Mitigation Based on Test Results for Each Tap.



- ➔ There is no safe level of lead exposure for children; therefore, we recommend taking proactive, *no-cost measures* for all drinking and cooking water to practice clean water habits.
- ➔ We recommend *low-cost risk mitigation measures* for taps that contain lead at or above 1 ppb.
- ➔ For taps with lead at or above 5 ppb, we strongly recommend *low-cost risk mitigation measures*.
- ➔ For taps with lead at or above 10 ppb, *restrict use for drinking and cooking*. Our expanded program, Clean Classroom for Carolina Kids, will reach out to your facility in the coming weeks for state-funded mitigation.
- ➔ For taps with lead at or above 150 ppb, *restrict use for drinking and cooking*. Our expanded program, Clean Classroom for Carolina Kids, will send your facility follow-up sampling kits to investigate the source of lead.

Table 2 provides specific recommendations to remove lead from drinking and cooking water.

Table 2. Recommendations to Remove Lead from Drinking and Cooking Water.

Detection Level**Risk Mitigation Recommendation**

Lead not detected above detection limit (0.1 ppb) OR detected below 1 ppb

➔ Clean water habits
Practicing no-cost clean water habits is always an easy way to reduce or eliminate exposure to lead in drinking water.

Designate taps that have tested low in lead for drinking and cooking. **Place designated use signs** for children and staff to understand which taps are for consumption or other purposes (e.g., handwashing).

Keep it cold: Use only cold water for drinking, cooking, or preparing infant formula.

Clean the faucet: Remove and rinse loose debris from faucet strainers/aerators regularly.

Empower parents, staff, and students: Communicate the center's findings and clean water actions to parents, staff members, and children.

Learn about your lead-free options so when renovating or remodeling your facility you can choose certified lead-free components. There are certified lead-free water coolers and hoses options for the playground or outside; as well as lead-free cups and dishware for drinking and eating.

Lead detected at or above 1 ppb

➔ We recommend you also use low cost solutions
The goal for lead exposure is 0. These low-cost solutions can help reduce or eliminate lead at or above 1 ppb.

Install and maintain certified water filters: Install a water filter certified to remove lead at the point-of-use for drinking and cooking taps. Ensure that the filter is maintained and filter replacement follows manufacturer specifications. One cost-saving option is to designate a few lead-free taps (i.e., faucets for drinking and cooking) and use a filter on those faucets only. Find out more about selecting a filter certified to remove lead [here](#).

Replace faucet fixtures: Sometimes the faucet fixture is the source of lead. Hiring a plumber to change a faucet fixture to a lead-free fixture may reduce or eliminate the level of lead detected.

Replace water fountains and/or water coolers: Consider replacing existing water fountains and water coolers with a new fountain or water cooler dispenser that meets the current and most stringent lead-reduction regulations; ensure these new products are also equipped with certified filtration systems. If this is not feasible, consider designating a nearby tap without detectable lead for drinking and cooking and shutting off the fountain with proper signage.

Lead detected at or above 5 ppb

➔ We STRONGLY recommend you use these low cost solutions

Let it run: Let cold water run from the tap for 1–5 minutes prior to use, after periods of inactivity (e.g., first thing in the morning and after holiday breaks), or even before each use.

Use lead-free hoses: Post a designated sign (e.g., "Water Play Only"). Purchase an NSF-certified lead-free hose in case children incidentally ingest water during play.

Continue using the Clean Water Habits, above.

Lead detected at or above 10 ppb




➔ Program and State Support
Our expanded program will reach out in the coming weeks for state-funded mitigation options and support. You are required to follow these short-term measures while waiting for support.

Do not use this tap for drinking and cooking: Immediately restrict use by posting signs to prevent staff and students from using tap for drinking or cooking.

Provide alternate drinking water sources: Use water from another tap that has tested low in lead and designate that tap for drinking or cooking, have children bring in their own bottled water from home, or purchase bottled water while waiting for program and state support.

Our program will contact you for state-funded mitigation options and support. Following mitigation actions, your state or local Health Department will contact you for a follow-testing visit to confirm that lead has been removed.

Detection Level	Risk Mitigation Recommendation
<p>Lead detected at or above 150 ppb</p>  <p>Program and State Support Our expanded program will send follow-up sampling kits to investigate the source of lead.</p>	<p>Do not use this tap for drinking and cooking: Immediately restrict use by posting signs to prevent staff and students from using tap for drinking or cooking.</p> <hr/> <p>Follow-up testing: For each tap at this level, we will send you a follow-up test kit for 2-step sampling (first draw and 30-second flush). Results can help identify where the lead is coming from and what steps will be most effective to fix it.</p> <hr/> <p>Provide alternate drinking water sources: Use water from another tap that has tested low in lead and designate that tap for drinking or cooking, have children bring in their own bottled water from home, or purchase bottled water while waiting for a follow-up test kit and follow-up results.</p>

Per state requirements, this data is publicly available on our [mapper](#). We encourage you to share this data with the parents leaving their kids at your facility by including the link to your results (<https://data.cleanwaterforuskids.org/data/north-carolina/47000306/lead-water>) in an email or on your website. Additionally, you may login to the portal to [report any mitigation steps](#) you've taken at each of your sampled taps.

Analysis Method

RTI's [Trace Metals Laboratory](#) is certified by the state of North Carolina for the analysis of lead in drinking water by Environmental Protection Agency Method 200.8; our Trace Metals Laboratory also has passed the state performance evaluation. We preserve samples by immediately adding nitric acid prior to laboratory analysis. Our scientists use state-of-the-science laboratory equipment that allows us to detect lead in drinking water at a level as low as 0.1 part per billion (ppb), which is the same as micrograms per liter (µg/L); 0.1 ppb equals less than a drop in an Olympic-sized swimming pool.

If you have questions, please check out our [Frequently Asked Questions \(FAQs\) responses](#). If your question or comment is not addressed in the FAQ you can contact staff at the Clean Water for Carolina Kids™ Program partnership at our [contact page](#) (<https://www.cleanwaterforcarolinakids.org/contact>) or via phone at 1-888-997-9290. This contact support page will route your questions and comments to program staff, including directors Mr. Ed Norman at the NC Division of Public Health and Ms. Jennifer Hoponick Redmon of RTI International.

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