Testing Water for Lead in Child Care Centers

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About NC Child
OUR MISSION

NC Child builds a strong North Carolina by advancing public policies to ensure all children—regardless of race, ethnicity, or place of birth—have the opportunity to achieve their full potential.
Lead Exposure Can Cause...

- DAMAGE TO BRAIN AND NERVOUS SYSTEM
- SLOWED GROWTH AND DEVELOPMENT
- LEARNING AND BEHAVIOR PROBLEMS
- HEARING ABD SPEECH PROBLEMS

AND CAN LEAD TO........

- LOWER IQ
- DECREASED ABILITY TO PAY ATTENTION
- UNDERPERFORMANCE IN SCHOOL
- INCREASED CONTACT WITH CRIMINAL JUSTICE SYSTEM
Sources of Lead Exposure

- Lead Paint: 70%
- Water: 20%
- Occupational Products (toys, foods, etc.)
Where Children Congregate

- Schools
- Child care centers
Why Child Care Centers

• Younger children are at higher risk
  • Smaller body mass
  • Lower blood quantum
  • Water is a larger percentage of their nutritional intake
RTI Study

• Samples from 86 centers
• 16% had at least one sample above 15 ppb
• Found testing and mitigation to be low-cost