

7.01 - Administrative Report: Lead Testing and Mitigation Plan

Board of Education Meeting
August 22, 2017



Outstanding Schools in an Outstanding Community

Lead Testing and Mitigation Plan - Background

- SB 0550 was signed by Governor Bruce Rauner on January 16, 2017.
- P.A. 099-0922 requires all schools (Pre-K through 5th grade) to test for lead in water used for drinking and cooking.
- Schools built after January 1, 2000 are not required to test at this time (in USD116, this includes Leal and Urbana Early Childhood School)
- Sampling must be completed by December 31, 2017



Lead Testing and Mitigation - Sampling, Standards, and Reporting

- Each fixture must be sampled twice:
 - First draw sample
 - Second draw sample after 30 seconds
- State limit is 5 parts per billion (ppb)
 - The Environment Protection Agency (EPA) standard is 15ppb - IL is much stricter than federal guidelines
- Any fixture or sample above 5 ppb, requires mitigation and notification of staff and families of that school
- Reporting must include a variety of methods including email, letter, and posting on the district website



Lead Testing and Mitigation: USD116 Testing

- Sampling was done at drinking fountains, classroom sinks, and kitchen sinks in Dr. King, Dr. Williams, Thomas Paine, Yankee Ridge, and Wiley after the last day of school in May.
- Testing cost \$3430.00
- Water is required to stand in pipes and fixtures for a minimum of 8 hours before first draw sample
- Yankee Ridge
 - 17 sample sites
- Dr. Preston L. Williams Jr
 - 15 sample sites
- Dr. Martin Luther King Jr
 - 12 sample sites
- Wiley
 - 12 sample sites
- Thomas Paine
 - 11 sample sites



Lead Testing and Mitigation: Results

Building	# of Fixtures	# Above 5ppb on First Draw	# Above 5ppb on 30 Second 2nd Draw
Yankee Ridge	17	8	5
Dr. Williams	15	2	0
Dr. King	12	0	0
Wiley	12	0	0
Thomas Paine	11	2	0



Lead Testing and Mitigation - Results: Yankee Ridge

Sample Location	First Draw (ppb)	30 Second Draw (ppb)	Notes
Hallway Fountain near Library	6.74	ND (not detectable)	
Room 5 Closet Right Fountain	76.5	17.3	No student access/ use for years
Room 5 Closet Left Fountain	31.3	5.31	No student access/ use for years
Room 6 Fountain	12.9	2.07	
Room 6 Sink	19.17	ND	
Room 6 Restroom Sink	16.7	ND	
Room 7 Fountain	8.75	7.04	
Room 7 Restroom Sink	13.8	2.51	



Lead Testing and Mitigation - Results: Dr. Williams

Sample Location	First Draw (ppb)	30 Second Draw (ppb)	Notes
Kitchen Sink	14.4	ND	
Room 118 Sink	12.8	4.49	



Lead Testing and Mitigation - Results: Thomas Paine

Sample Location	First Draw (ppb)	30 Second Draw (ppb)	Notes
Kitchen Sink	7.38	ND	
Kitchen Sink	21.7	ND	



Lead Testing and Mitigation: Mitigation and Response

- Test results were received on August 3
- All fixtures above 5ppb and several similar fixtures were shut off, covered, and labeled by August 4
- Notification went home to families at Yankee Ridge, Dr. Williams, and Thomas Paine on August 17, 2017



Lead Testing and Mitigation: Mitigation and Response



- Press Release was issued on August 17, 2017
 - Coverage in the News-Gazette
 - Coverage on WILL
 - Coverage on Fox-IL
- New fixtures have been ordered - fixtures that tested high will all be replaced
- Follow up testing is not required; however, USD116 will continue to test for lead in water and report results in order to ensure the safety of our students

