
WATER QUALITY TESTING

FOR

***SYCAMORE COMMUNITY SCHOOL DISTRICT #427
WEST ELEMENTARY***

SYCAMORE, ILLINOIS

AUGUST 29, 2017

PROJECT NUMBER: 17-18300



A DIVISION OF GALLAGHER BASSETT SERVICES, INC.

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INTRODUCTION

Sycamore Community Unit School District (CUSD) 427 implemented a proactive program of water testing at West Elementary School. Water sampling was conducted by Ms. Kathryn Hermann of Aires Consulting on August 29, 2017. Mr. Geoffrey J. Bacci II, P.E. designed the study and developed this report.

All sources that exceeded the USEPA's recommended Action Level of 20 ppb were re-tested by Mr. Dan Petras on September 28, 2017.

All sampling methodology followed protocol required by The Lead in Drinking Water Testing Bill (LDWTB) and guidelines published by the Illinois Department of Public Health (IDPH). Detailed background information on testing requirements, methodology and lead health effects are included in the main report to the District that summarizes results and offers recommendations.

RESULTS

Field sheets identifying sample numbers and sample locations maps are included in Appendix I. Laboratory results are included in Appendix II.

The following locations exceeded 5 parts per billion (ppb). Locations that exceeded the EPA action level of 20 ppb are shown in **bold print**.

- **WES-5A: first draw sample from sink W1-5 in Room 111 - 20.3 ppb**
- WES-6A: first draw sample from sink W1-6 in Room 111 - 5.22 ppb
- **WES-8A: first draw sample from sink W1-8 in the Teacher's Lounge - 21.9 ppb**
- WEWF-19A: first draw sample from water fountain W1-19 outside Room 127 - 8.20 ppb
- WEWF-19B: flush sample from water fountain W1-19 outside Room 127 - 9.88 ppb
- WEWF-21A: first draw sample from the water fountain outside Room 131 - 7.76 ppb

- **WEWF-21B: flush sample from the water fountain outside Room 131 - 38.4 ppb**
- WEWF-22A: first draw sample from water fountain WLL-2 in the East LL Hallway - 12.1 ppb
- WEWF-22B: flush sample from water fountain WLL-2 in the East LL Hallway - 10.6 ppb
- WEWF-23A: first draw sample from water fountain WLL-3 in the East LL Hallway - 5.45 ppb
- WEWF-23B: flush sample from water fountain WLL-3 in the East LL Hallway - 5.26 ppb
- WEWF-24A: first draw sample from water fountain WLL-4 in the East LL Hallway - 5.37 ppb
- WEWF-24B: flush sample from water fountain WLL-4 in the East LL Hallway - 5.19 ppb
- WEWF-27A: first draw sample from water fountain WLL-8 in the Cafeteria - 6.66 ppb
- WEWF-27B: flush sample from water fountain WLL-8 in the Cafeteria - 7.68 ppb

Sources that exceed 5 ppb require parent notification within 7 days per IDPH guidelines. Remaining results should be at minimum posted on the Districts website. All sample results should be e-mailed to IDPH within 7 days.

RE-TESTING RESULTS

All sources that exceeded the USEPA's recommended Action Level of 20 ppb were re-tested on September 28, 2017. Laboratory results are included in Appendix III. The following locations exceeded 5 parts per billion (ppb). Locations that exceeded the EPA action level of 20 ppb are shown in **bold print**.

- W1-5A: first draw sample from sink W1-5 in Room 111 - 11.9 ppb
- W1-21A: first draw sample from the water fountain outside Room 131 - 13.3 ppb

None of the re-testing results exceeded the EPA's recommended action level of 20 ppb.

PROFESSIONAL CERTIFICATION

Aires Consulting, a division of Gallagher Bassett Services, Inc. conducted this study in the interest of Sycamore CUSD 427 to assist in meeting environmental obligations and regulations. In this respect, we hope the results of this study are useful. *This study was not intended to include every environmental exposure that may be present at the facility; only those items specifically addressed in the report were evaluated.* If you have any questions concerning this study please let us know.

Respectfully Submitted,



Geoffrey J. Bacci II, P.E.
Director of Operations