

June 24, 2024

Jeremie Kahler
Park Hill School District
9501 N. Seymour Ave,
Kansas City, MO 64153

RE: Drinking Water Sampling – Park Hill South Athletic Complex
8804 NW 45 Highway, Parkville, MO 64152
Project Number: 923386

Mr. Kahler,

OCCU-TEC, Inc. (OCCU-TEC) is pleased to present the following report for drinking water sampling completed at Park Hill South Athletic Complex in Kansas City, Missouri. The sampling was requested and approved by Mr. Jeremie Kahler of Park Hill School District (PHSD). OCCU-TEC completed drinking water sampling of all potential drinking water sources, sources used in food preparation, cleaning, and utensil cleaning. Drinking water sampling was completed in accordance with the requirements set forth in Missouri Senate Bill #681/662 known as the “Get the Lead Out of School Drinking Water Act”.

METHODOLOGY

On 5/30/2024 Mr. Jay Hurst of OCCU-TEC completed testing of seven (7) sources throughout Park Hill South Athletic Complex. Samples were collected as ‘First Draw’ samples after the fixtures had remained unused for a minimum period of eight (8) hours while not exceeding a maximum period of eighteen (18) hours. Samples were collected in dedicated 250 milliliter laboratory-provided plastic sample containers.

Samples were shipped to Pace Analytical Services, LLC (Pace) of Peoria, Illinois for analysis using Environmental Protection Agency (EPA) method 200.8. Pace is approved for sample analysis by the Missouri Department of Natural Resources (MDNR) under certification numbers 00236 and 00870. A copy of the laboratory analytical results and Chain of Custody documentation are attached to this report.

RESULTS

Samples results were compared to the regulatory limit of 5 parts per billion (ppb) outlined in Missouri Senate Bill 681/662. Of the samples collected, zero (0) of the seven (7) contained lead concentrations at or above 5 ppb. Below is a list of samples containing elevated concentrations of lead.

Sample ID	Location	Type	Result (ug/L)
No samples collected contained results above 5 ug/L (ppb)			

LIMITATIONS

At the request of PHSD, Lab sinks, janitorial sinks, eyewash stations, showers, and exterior spigots not identified as drinking water were excluded from sampling. In addition to the excluded sources, the following table identifies sources which were not operational at the time of sampling and therefore not sampled. In accordance with the requirements set forth in Missouri Bill 681/662, all sources not sampled during this assessment should be labeled to indicate that the source is not to be used for drinking water or sampled and compared to the regulatory limit of 5 ppb prior to bringing back into service.

Sample ID	Location	Type
386-SAC-08	Women's RR	Sink
386-SAC-09	Women's RR	Sink
386-SAC-10	Women's RR	Sink
386-SAC-11	Women's RR	Sink
386-SAC-12	Women's RR	Sink
386-SAC-13	Men's RR	Sink
386-SAC-14	Men's RR	Sink
386-SAC-15	Men's RR	Sink
386-SAC-16	Men's RR	Sink

RECOMMENDATIONS

The following recommendations are in accordance with Senate Bill 681/662:

In accordance with the requirements set forth in Missouri Bill 681/662, fixtures exhibiting lead concentrations above 5 ppb must be remediated by replacement of lead-containing pipes, solder, fittings or fixtures with lead-free components, or the school shall install filtration at each point where water enters the building until such time as the source can be remediated. If installing a filter is not feasible, the school shall provide purified water at each outlet inventoried.

Additionally, any water coolers or drinking water outlets identified by the United States Environmental Protection Agency (EPA) as not being lead-free under the federal Lead Contamination Control Act of 1988 shall be replaced unless the unit has been tested and determined to have lead results under 5 ppb.

Within two weeks after receiving test results, the school shall make all testing results and any lead remediation plans available on the school's website. The school shall notify parents and staff via written notification within seven (7) business days after receiving test results exceeding 5 ppb. The notification shall include the following:

- Test results and a summary explaining the results.
- A description of any remedial steps taken.
- A description of the general health effects of lead contamination and community specific resources.
- Provide bottled water if there is not enough water to meet the drinking water needs of the students, teachers, and staff.

For fixtures exhibiting results above 5 ppb, follow up random "Flush" sampling shall be conducted annually on at least 25 percent of the remediated outlets until all outlets have been remediated. Drinking water sampling shall be conducted annually and annual drinking water test results shall be submitted by the district to the Department of Health and Senior Services (MDHSS).

SIGNATURE(S)

OCCU-TEC appreciates the opportunity to provide the above referenced consulting services to PHSD. If you have any questions regarding the contents of this report, please contact us at (816) 231-5580.

Respectfully,



Jay W. Hurst
Vice President of Operations



Jeff Smith
Senior Project Manager (QA/QC)

ATTACHMENTS

Outlet Inventory with Analytical Results Summary
Laboratory Analytical Results and COC Documentation