Gannett Fleming

MEMORANDUM

DATE: August 29, 2017

TO: Nina Teff – BASD School Board President

CC: Brian Slameka, BASD, Dr. Pettigrew, BASD, Dan Goncz, GF

FROM: Eric Buzza

SUBJECT: Summit Elementary Weekly Progress Summary

Ms. Teff,

Per your request here is a summary of the activities at Summit Elementary over the last week.

- Water is being flushed through the school on a continuous basis since 8/7.

- PAWC has been continuously flushing the hydrant at the meter vault since 8/21.

- Had Les shut off the taps the afternoon 8/23 to allow for the collection of stagnant samples per DEP regulations for public water supplies.

- Traveled to Summit on 8/24 to collect and analyze samples for pH and chlorine residual from the meter vault, the faculty break room, Room 9, Room 13 and the boy's room at the end of the long hall. Due to the results of the previous pH testing on 8/16 samples for lead and copper were not collected. After collection of the stagnant samples the taps were allowed to flow and a second pass through the building was made to collect flushed samples to determine if there would be any significant change in water quality.

- Chlorine residuals were relatively low throughout the building in the standing samples which is not unexpected. pH values were all between 7.0 and 7.4 which is consistent with the pH of water produced by PAWC. The second pass pH samples were all between 7.0 and 7.3. The second pass sampling showed relatively strong chlorine residuals – between 0.1 mg/L and 0.93 mg/L. The regulatory requirement is for at least 0.2 mg/L in the water distribution system. Please be aware that it is not unusual and even could be considered typical for there to be a relatively wide range of chlorine residuals in facilities.

- Went back to continuous flushing after completion of the sample collection.

- Will visit the facility Wednesday 8/30 and analyze samples for pH and chlorine residual. If the pH and chlorine results remain relatively consistent we will submit samples for lead and copper analyses from the selected locations in the school.

- We will continuously flush all the fixtures in the building for the foreseeable future and will examine the analytical results.

- Once we are satisfied the lead and copper concentrations have been reduced we will test all of the fixtures in the school.