MINUTES
City Council Public Works & Utilities Committee

Thursday, January 9, 2025 – 3:30 PM
City Council Chambers

Members Present:	Mac Morrow, Chair, Council Member Lauren Wise, Vice-Chair, Council Member Owen Carson, Citizen Member Mayor Maureen Copelof, Ex-Officio
Staff Present:	David Todd, Assistant City Manager Dennis Richardson, Water Treatment Plant Supervisor Emory Owen, Wastewater Treatment Plant Supervisor Wesley Shook, Public Works Director Aaron Winans, Wastewater Treatment Plant Staff Becky McCann, Communications Coordinator Selena Coffey, Assistant to the City Manager
Guests:	Harvey Sankey

A. Welcome and Call to Order

Committee Chair Mac Morrow called the meeting to order at 3:30pm.

B. Certification of Quorum

Assistant to the City Manager Selena Coffey certified that a quorum was present.

C. Approval of Agenda

Motion by Mr. Wise, seconded by Mr. Carson to approve the agenda as presented. The motion carried unanimously.

D. Approval of Minutes – November 6, 2024 Meeting

Ms. Coffey asked for a typographical error to be corrected on page 2 of the December 5, 2024 minutes, changing 7% to 75%. Mr. Carson made a motion to approve the minutes as amended, Mr. Wise seconded, and all voted in favor.

E. Update on Pump Station Project

Mr. Todd introduced the agenda item stating that significant progress has been made on the design work for the pump station project and work continues towards getting easements finalized before putting the pump station project out to bid. He said that staff

is trying to get easements for the Fish Camp property and the property on Gallimore Road finalized. He noted that he expects to get the Gallimore Road property finalized in the near term but shared that the owner of the Fish Camp property has been working on their negotiations for a potential reuse of their property, which is impacting staff's ability to obtain the necessary easement. He noted that he will keep the committee updated as the easements are obtained or if the easements need to be obtained by legal means.

F. Update on KCI Field Trip

Mr. Todd introduced the agenda item providing a virtual tour of sites included in staff's recent site visits via the monitors in council chambers.

The first visit highlighted was Renewable Water Resources (ReWa), which is the water treatment company that serves Greenville, South Carolina. Mr. Todd highlighted the Mauldin Road Plant and discussed ReWa's use of screening, their conventional activated sludge process, their facilities, and their operational technologies. While presenting the information, Mr. Todd displayed images of ReWa's plant on monitors for the committee's reference.

The second wastewater treatment site overviewed was the George's Creek Water Resources Recovery Facility (WRRF), which is also operated by ReWa. Mr. Todd noted that this plant also uses the conventionally activated sludge process and their use of a carousel system for wastewater treatment. Mr. Todd noted that this plant has clarifiers that are approximately the size of the city's clarifiers.

The third water treatment site overviewed was a smaller facility that serves Pickens County, South Carolina. Mr. Todd noted that this facility also operates with a device like the Aquastorm filtration system and a sequential batch reactor (SBR) that the city may be interested in pursuing for its new plant.

The committee and staff continued extensive discussion of the various components and processes necessary for efficient and effective wastewater treatment and how the site visits provided helpful information to staff as they plan for construction of the city's new facilities. This included discussion of technical aspects of wastewater treatment as well as new and innovative approaches to treatment plant operations. Mr. Todd noted that KCI has not yet made a firm recommendation yet, but he expects them to recommend the activated sludge process using SBRs due to the smaller footprint requirements for the city's facility.

Mr. Todd shared two additional videos depicting UV or ultraviolet disinfection processes and the committee asked questions of staff. Mr. Owen, Mr. Winans, and Mr. Todd responded to members' questions regarding water treatment filtration, the utilization of filtration, disinfection methods, etc. Mr. Todd wrapped up the discussion noting that KCI Technologies still needs to meet with the County and Rosman and staff needs to provide KCI with short-term and long-term capacity estimates. He noted that staff will next be visiting a site in Chicago to review this site's use of the Aquastorm technology in their

wastewater treatment. Mr. Todd noted that once staff provides the capacity estimates and makes decisions regarding the use of technology, KCI will be able to begin their site design process.

G. Public Comment

Harvey Sankey asked Mr. Todd where the city stands within the presented Gantt chart and if KCI will provide estimates for the life expectancy and operational costs of the new facility, i.e. whether the city will need to hire additional staff. Mr. Owen responded affirmatively that it is likely that the city will need to hire additional staff. Mr. Todd noted that staff will ask KCI to conduct a life cycle cost analysis to better define future maintenance and operational costs.

H. Set Date for Next Meeting

The next meeting was scheduled for Wednesday, February 5, 2025 at 3:30pm.

I. Adjourn

With no additional business before the committee, the meeting was adjourned at 4:32pm.

Minutes Approved: February 5, 2025

Mac Morrow
Chair, Council Member

Selena D. Coffey
Assistant to the City Manager