TO: **Jason Cournoyer, Town Manager**

FROM: **Frank Spitzer, Utilities Supervisor**

DATE: **June 26, 2025**

SUBJECT: **May/June 2025 Utility Report**

Purpose: Provide the Town Council with an update on Utilities System activity.

Background/Discussion:
1). Now that the Frye Court lift station pump rails are installed, Visusewer Inc. has been approved to seal the pump station structure to eliminate the ground water infiltration reducing the run time on the pumps and the excess flow to the Waste Water Treatment Plant (WWTP).

2). Now that the Park Place Water Treatment Plant (WTP) has been approved by Virginia Department of Health and is now in operation, DR Controls have been approved to install SCADA and to integrate Park Place WTP into the existing water program giving the ability to run the plant in conjunction with the Kings Ridge and Retirement Village WTP's.

3). A new parking lot of compressed millings has been installed at the Park Place WTP.

4). The Retirement Village WTP well pump started tripping the electrical breaker on 5/29 and completely failed on 5/31. Valley Well Drilling determined that the motor for the pump was faulty and replaced it. Afterwards, the GPM's of the pump was only half of normal, so they again pulled the pump and determined that it was the actual pump that was faulty that caused the motor to fail. On 6/9 they installed a new pump and after 2 bacti samples are reported negative for coliform/ecoli the well will be returned to the system

5). Priority One Plumbing has begun work at the Waste Water Treatment Plant (WWTP). They have installed a booster pump on the potable well system and have begun repairs on the non-potable water system which uses the plant's effluent to supply water to the plants yard hydrants and the head works unit

6). Priority One Plumbing has begun to camera sewer laterals on Broad Way in preparation for the Broad Way rehabilitation project. This will make laying the new water lines more efficient and identify problems that may cause delays beforehand. As of June 23rd, they have completed as many as they are able to do.

7). Valley Well Drilling has agreed to replace the well pump at the Park Place WTP with

a larger pump as the current pump is out of the pumping curve. The well is producing more than expected and the current pumps life span will be shortened if left in place. A water level transducer will also be added to view the well water level on SCADA.