GOAL 2: REDUCE POTABLE WATER USE IN CITY-OWNED BUILDINGS BY 24% | **IMPLEMENTATION PARTNERS**

ACTION 1 Retrofit water-saving faucet aerators where appropriate.

- Change (32) 2.2 Gallons Per Minute (GPM) faucet aerators to 1.5 GPM aerators. At 10 minutes per day for 255 days of use, the City saves 57,120 gallons per year, reducing water usage by 2% and saving $260 annually. At $2 for each aerator, a $64 investment has a 3 month payback period.

ACTION 2 Upgrade computer-server room cooling system.

- Replace aging water cooled system with ductless mini-split electric-cooled system, saving 100% of an estimated 525,000 gallons per year or 18% annual use and $2,452 in annual savings. At $16,250 for replacement, the payback period is 6.5 years.

ACTION 3 Reduce water used for landscape irrigation.

- Install rain sensors, soil moisture sensors, or other irrigation controls achieving 15% reduction in total irrigation or 56,000 gallons per year or 2% of total annual use and $255 in savings. At $800 for equipment, the investment has a 3 year payback period.
- Consider resilient landscapes that minimize use of labor, water, and energy through plant selection and limited or no irrigation for all new landscape plans for city-owned properties.

ACTION 4 Retrofit water-saving toilets where appropriate.

- Change (9) 1 Gallon Per Flush (GPF) Urinals to .125 GPF Urinals. At 30 flushes per day for 255 days, the city would save 60,244 gallons per year or 2.1% of annual use and $273 in annual savings. At $831 for each urinal, a $7,479 investment has an 27 year payback period.

ACTION 5 Assess opportunities for reuse of water treated by the Urbana-Champaign Sanitary District.

- Urbana-Champaign Sanitary District

Action 6 Establish a policy of choosing EPA WaterSense labeled products for City procurement where appropriate.

- EPA WaterSense Program

(Figures are rounded)

EPA WaterSense