

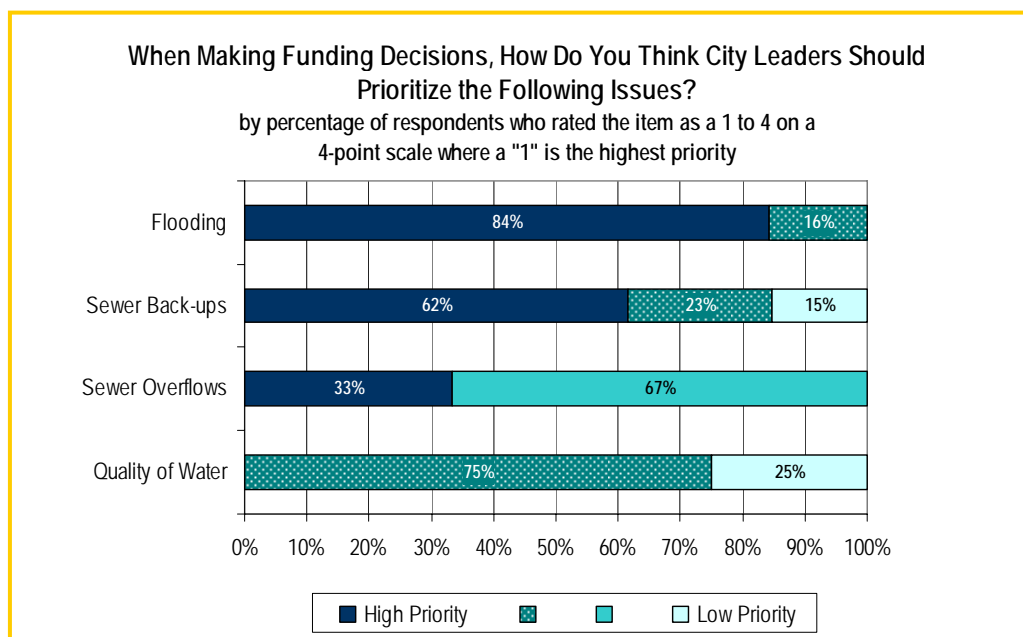


Turkey Creek & CID

Combined Sewer System

STREAM USE AND PRIORITIES

- Water Quality Classification: *Penn Valley Lake currently not classified. Kansas River and Missouri River should be safe for wading*
- According to stream use surveys and the public opinion survey, residents in the Turkey Creek basin use area streams, lakes, and rivers to participate in the following activities:
 - *Hiking/ walking,*
 - *Picnicking, and*
 - *Bird/ nature watching*
- According to the Basin Coordinating Committee Meeting attendees, the following priorities were considered to be **very important to important** in the Turkey Creek basin:
 - *Very Important: Minimize property damage due to flooding; Protect water quality*
 - *Important: Maximize community benefits; Maximize environmental benefits; Minimize impacts on neighborhoods*
- According to the Turkey Creek Wet Weather Fair Attendees, priorities in this basin were ranked as such:



STORMWATER IMPROVEMENTS

- Includes relief pipe systems, culverts, open channel improvements and potential stream restoration
- Integration of the Combined Sewer Overflow and Stormwater plans will continue
- 4 potential green solution sites including proposed solutions at Penn Valley Park

SEWER SYSTEM IMPROVEMENTS

- Get the most "Bang for the Buck"- *maximize use of existing infrastructure, maximize multi-use opportunities*
- Treat combined sewer overflow volumes to appropriate levels
- **Baseline Improvements-** *Freight House District Improvements, KC Live Improvements, Sprint Arena Improvements, Turkey Creek Flood Control Project, CID East Branch Improvements, outfall consolidation, floatables control, in-line storage*
- **Storage-** *tanks and/or deep tunnels*
- **Treatment-** *treatment plant improvements, high-rate treatment, disinfection*
- **Transport-** *pump station improvements, conveyance, outfalls or additional piping as needed*

Estimated Capital Costs for Combined Sewer Overflow & Stormwater Control

