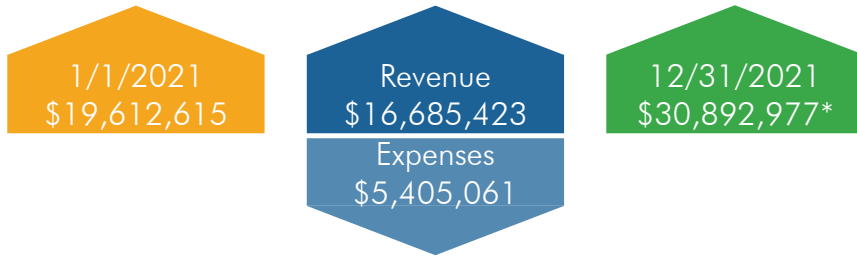




# 2021 STORMWATER UTILITY SNAPSHOT

The year 2021 was the third complete calendar year of the City of Peoria Stormwater Utility (SWU). The COVID 19 pandemic, beginning in 2020, continued to affect the budget, staffing, operations, communications, public outreach and public involvement, and many more of the day-to-day stormwater activities. However, engineering work is generating more projects for construction in 2022 and future years.

## ACCOUNT FUND BALANCE



\*Fund balance provides financial stability for future systems needs

## STORM WATER UTILITY CUSTOMERS

Invoices are sent to about 46,300 customers four times per year. Each month, approximately 11,600 customers receive a quarterly bill.

Collection rate is 88.3% since June 1, 2018.

## PEORICORPS PROGRAM

**Green Infrastructure Job Training:** Leadership & job training program where participants receive training about green infrastructure maintenance needs & how these systems manage stormwater. 17 individuals completed the program in 2021.

## NPDES PERMIT COMPLIANCE

### Public Engagement:



Due to Covid-19 restrictions, customers were encouraged to visit [peoriastormwater.com](http://peoriastormwater.com) for education materials.

### Pollutant Control Measures:

- Public education and outreach on storm water impacts
- Public involvement
- Illicit discharge detection and elimination
- Construction site runoff control
- Post construction storm water management
- Pollution prevention/ good housekeeping for municipal operations



### Water Quality Monitoring:



4 sample locations tested 4 times per year for 7 pollutants  
Fecal coliform concentrations warrant further testing.

### Annual Reporting:



Peoria submitted an annual report to the IEPA for the 03/2020 to 03/2021 reporting period.

## GRANT PROGRAM

### Green Infrastructure:



5 Applications approved, \$46,967 paid  
23,156 SF of IA treated by GI



\$450 Rain Barrel grants to 9 property owners

### Private Property Drainage Assistance:



24 projects approved, \$174,961 paid for completed projects

## ASSET INVENTORY WORK



Mapping the storm sewer system continued in 2021

36.2 mi<sup>2</sup> of the City are mapped  
154 mi of pipe surveyed to date



Annual investigation of storm sewer outfalls are monitored for illicit discharges

## ASSET MAINTENANCE

### Storm Sewer Pipes:



10,000 feet of pipe inspected and rated by TV Inspection in 2021

### Pipes, Inlets, & Headwalls:



4,933 hours of staff time cleaning and repairing pipes in 2020

### Grounds Maintenance:



1,100 vacant lots received mowing, weed control, mulch installation, & green infrastructure maintenance



### Peoria Street Sweeping:



Streets were swept five times, 8,629 hours of staff time, and 2,700 tons of debris removed & hauled to landfill



## COMMUNITY INVESTMENT PLAN

### Annual Drainage Repair Program:



33 Repair sites totaling \$1,272,383

\$280,111 for surveying and engineering



### Merle & Knoxville Culvert

\$115,722 for engineering and land acquisition



### Glen and Sheridan Culvert

\$116,732 to complete the construction project



### Clean Water Act Permit Compliance

\$247,683 to implement the NPDES stormwater management program



### Spring Lane & Orchard Lane

\$241,435 for drainage improvements



### Drainage Analysis Engineering

\$200,738 for surveying and computer modeling