

Citizens Energy Group

Director's Report

John Trypus

September 27, 2023

2023

INDIANAPOLIS

FIVE CITIES PLUS



People, Purpose and Passion Drive Success

- **Citizens Energy Group**

- Recognize the Importance of Our Team Members
- Purpose in What We Do Every Day
- Passion for Serving Our Customers

- **Five Cities Plus**

- Collaboration Between our Teams for Over 30 Years!
- Promoting Water Quality Benefits in the Upper Mississippi and Ohio River basins
- Passionate to Improve Business Conditions and Shared Knowledge Amongst our Midwestern Wastewater Utility Peers



Five Cities Plus - 2023 Indy Planning Team

• Thank You!!!

- Collaborative
- Cross-functional
- Caring
- Committed



Thanks To All Our Sponsors

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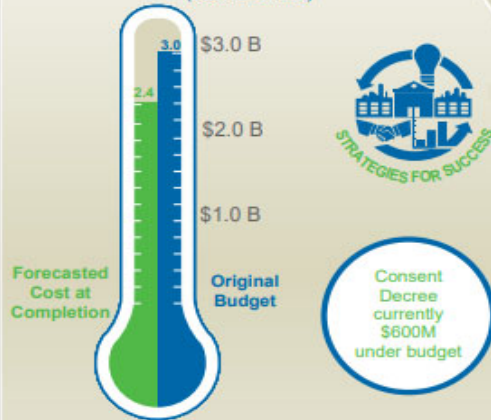


Focus of Director's Report

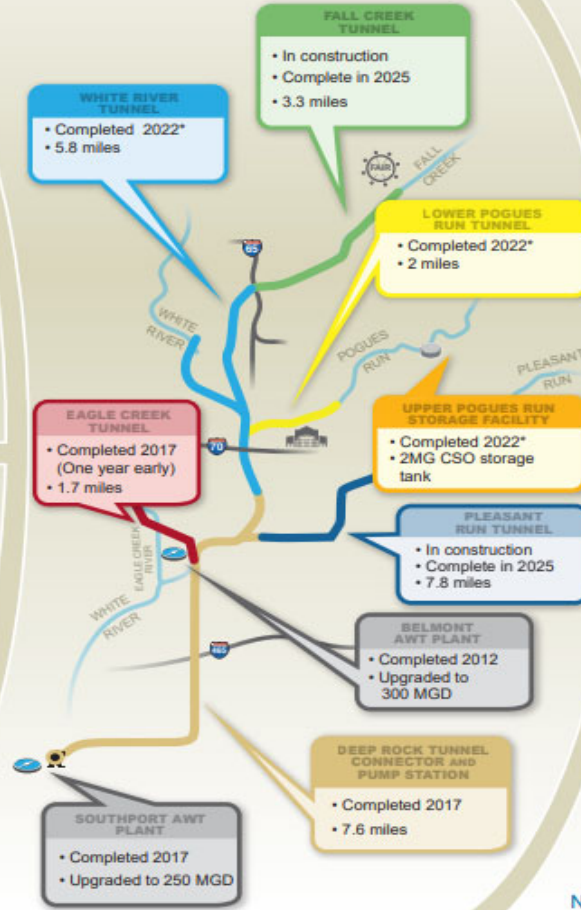
- Combined Sewer Overflow (CSO) Long Term Control Plan (LTCP) and Consent Decree (CD)
 - Dashboard Update
 - Advanced Wastewater Treatment Plant (AWTP) Expansion and Upgrades
 - Tunnel Segments Status
 - Upper Pogues Run Storage Shaft
 - Metrics
- Septic Tank Elimination Program (STEP)
- Wastewater Collection System Renewal



Consent Decree Cost
(2021 Dollars)



Primary Consent Decree Projects



10 thousand TREES
To help keep Indy's Waterways Clean!

Total trees planted by June 2023:
8,600

- 100 trees planted to date
- 100 trees planned through 2024

This initiative offers a unique and cost-effective solution to reduce sewage overflows. One mature tree can store up to 100 gallons of water. Trees also provide community benefits such as: traffic calming, improved air/soil quality, and increased property values.

Combined Sewer Overflow Control Measures



Control Measures are associated with projects and specific design and performance criteria in the Consent Decree. Citizens is currently on schedule on final Control Measure completion.

Quick Links

Follow these links to learn more about Consent Decree projects and programs.

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DigIndy Tunnel System Construction Timeline



Advanced Wastewater Treatment Plant Improvements and Solutions

Belmont Plant Expansion



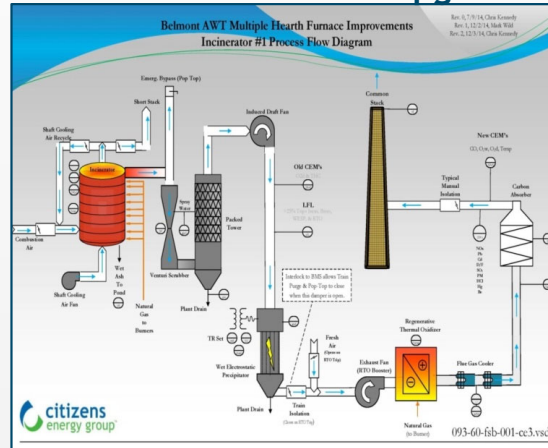
Completed 2012 ~\$60M

Southport Plant Expansion



Completed 2017 ~\$92M

Belmont Incinerator Upgrades



Completed 2016 ~\$45M



DigIndy Tunnel Segment Status

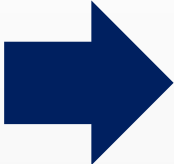


- 2017 Deep Rock Tunnel Connector ✓
- 2017 Deep Rock Pump Station ✓
- 2018 Eagle Creek Deep Tunnel ✓
- 2021 White River Tunnel ✓
- 2021 Lower Pogues Run Tunnel ✓
- 2021 Upper Pogues CSO Abatement ✓
- 2025 Fall Creek Tunnel
- 2025 Pleasant Run Tunnel



Upper Pogues Run CSO Abatement Project

- 2MG CSO storage shaft - 65 feet diameter and 105 feet deep
- Online - March 2022

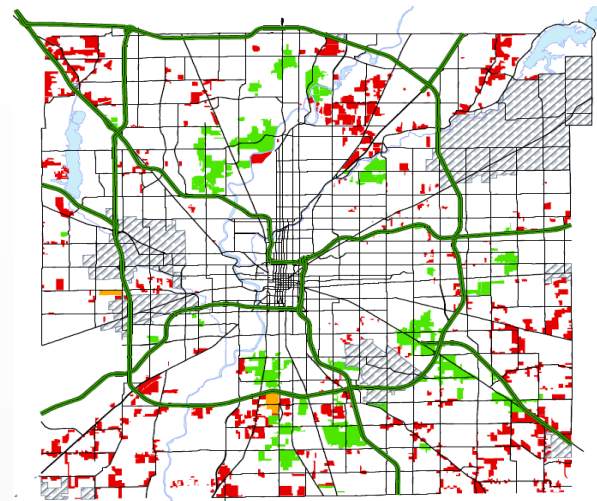


Consent Decree Metrics (Then & Now)




Metric	2006	2023
Cost	\$3.0 B (2021 Dollars)	\$2.4 B (2021 Dollars - Anticipated)
Schedule	Dec 2025	July 2025 (Anticipated)
Tunnel Length	25 Miles	28 Miles
Percent Capture	95% White River, Lower Pogues Run, Eagle Creek, Pleasant Run 97% Fall Creek	99% Full System (Anticipated)
CSO Overflow Volume (At completion of Consent Decree)	414 Million Gallons / Year	220 Million Gallons / Year (Anticipated)
Treatment Capacity	450 Million Gallons / Day	570 Million Gallons / Day (Anticipated)
CSO Overflow Frequency (per typical year)	4 White River, Lower Pogues Run, Eagle Creek, Pleasant Run 2 Fall Creek	3 Upper White River, Pleasant Run, Upper Pogues Run (Anticipated) 2 Fall Creek, Lower Pogues Run, Lower White River, Eagle Creek (Anticipated)
Value Added Aspects	N.A.	<ul style="list-style-type: none"> • CSO 033 Separation • Eagle Creek Tunnel • 10,000 Trees Initiative • Fiber Optic <div style="text-align: right; font-size: small;">Revised: 09/13/2023</div>

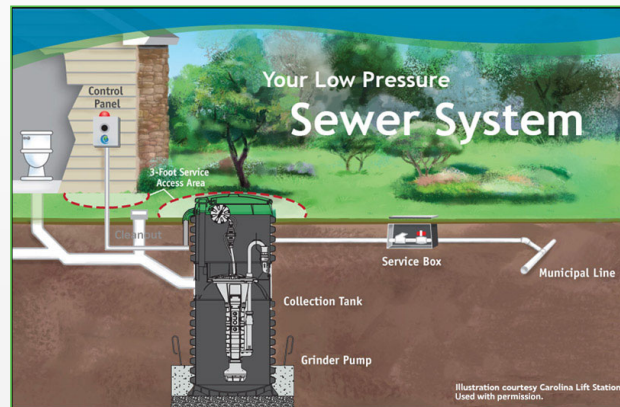
Septic Tank Elimination Program (STEP) Update

- Annual Investment: ~\$6M
- Homes Per Year: ~300
- Customer Cost: ~\$2,800
- Utility Cost: ~\$16,000
- Connection Rate: ~98%
- Low-Pressure Sewer Systems
- State Funding for Local HOAs Available Outside of STEP High Priority Areas

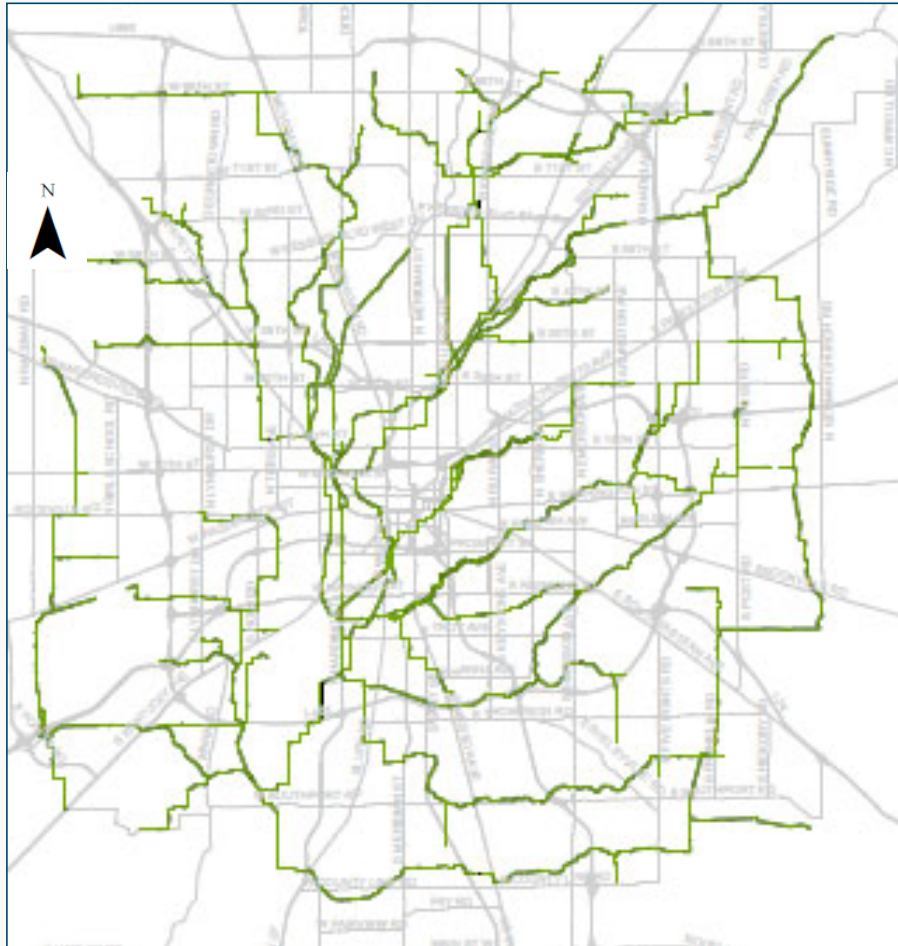


Legend

-  Excluded Sanitary District
-  Un-Sewered Areas
-  Complete STEP Projects



Indianapolis Sewer System



Indianapolis Sewer Interceptors

- 3,200 miles sewer piping
- 72,000 manholes
- 270 lift stations
- 60 river crossing siphons

Wastewater Collection System Renewal

- Citizens Invests Approximately \$15-20 Million/year in Sewer System Renewal
- \$150 Million of Sewer System Renewal Identified over Next 15 to 20 Years
- Strategic Diverse Business Focus on Manhole Rehabilitation with Citizens' Building the Future Together Program



Before



During



After

Thank you!

