



# MSD Project Clear Public Meeting Park Drive Sanitary Relief (Engelholm Ave)

Phase I & II

MSD Project No. 12163 & 13375

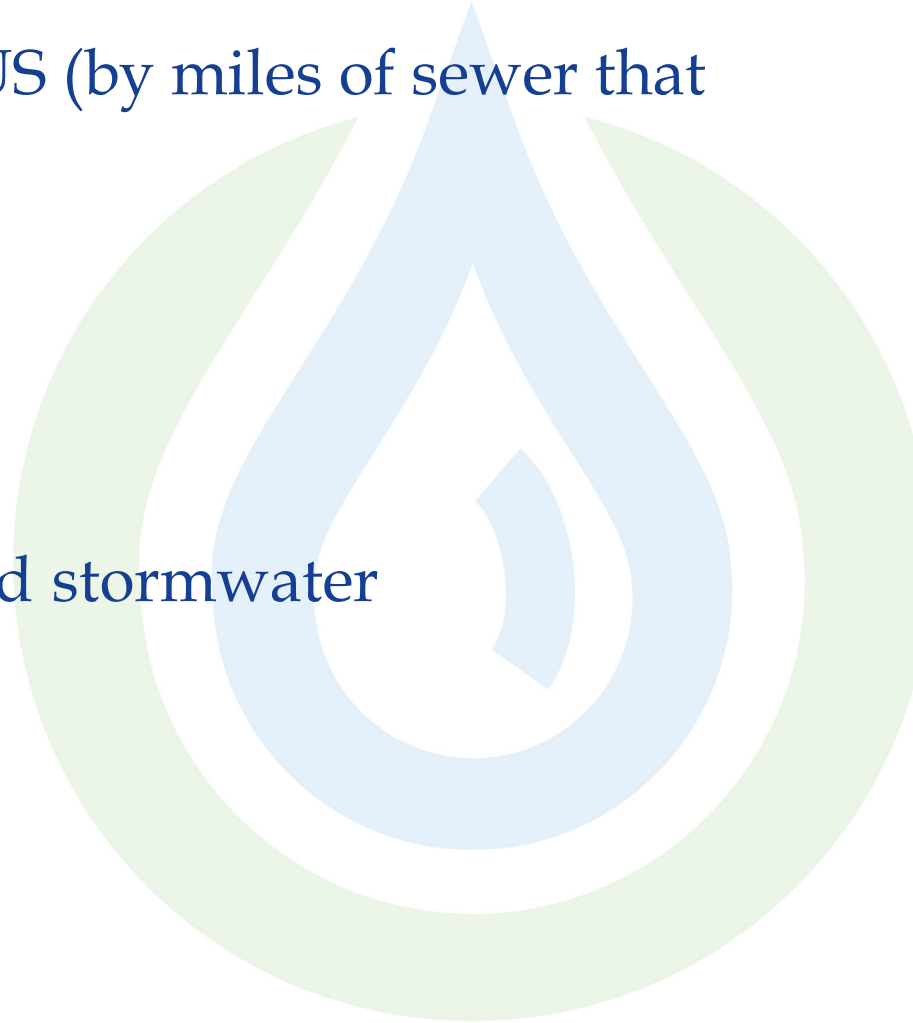
October 3, 2019





# MSD System Overview

- 💧 4th largest sewer system in US (by miles of sewer that handle wastewater)
- 💧 520 square mile service area
- 💧 1,300,000 customers
- 💧 Two utilities: wastewater and stormwater



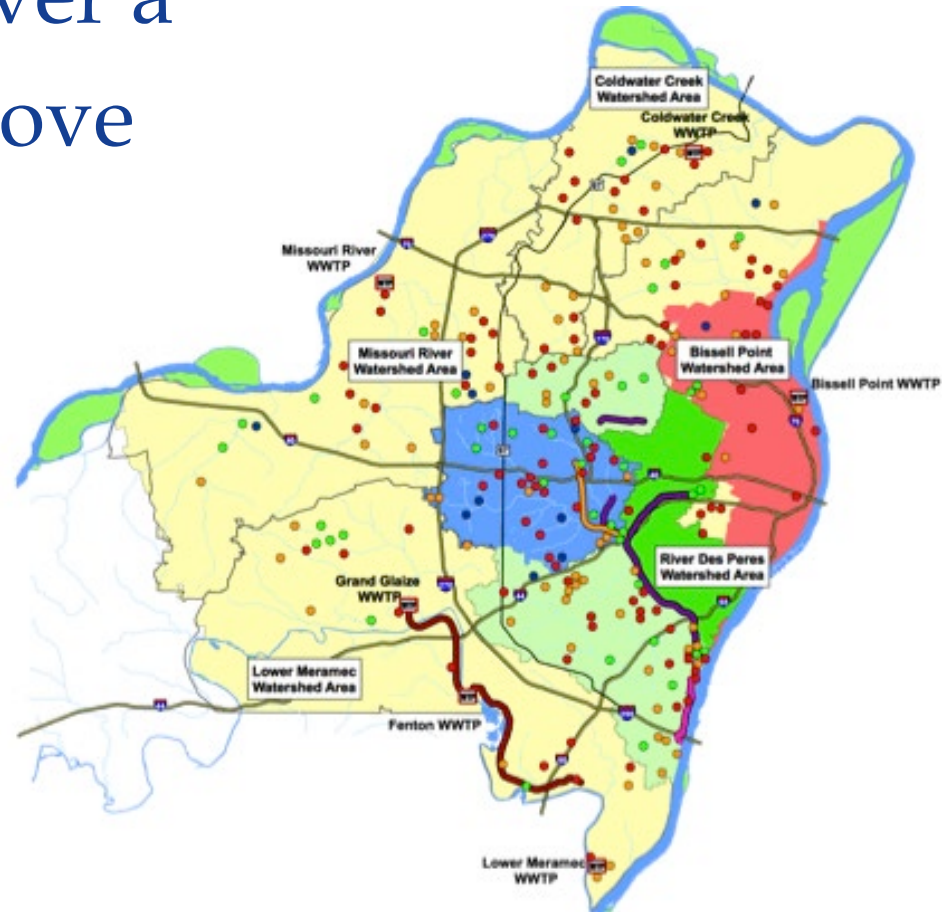
# MSD Details

- 88 municipalities served
- 4,700+ miles of wastewater sewer
- 1,800+ miles of combined sewers
- 3,000+ miles of stormwater sewers
- 7 treatment plants
- 350+ million gallons/day wastewater treated



# MSD Project Clear (wastewater only)

Billions invested over a generation to improve water quality in St. Louis...  
and expect billions more.







project  
clear®



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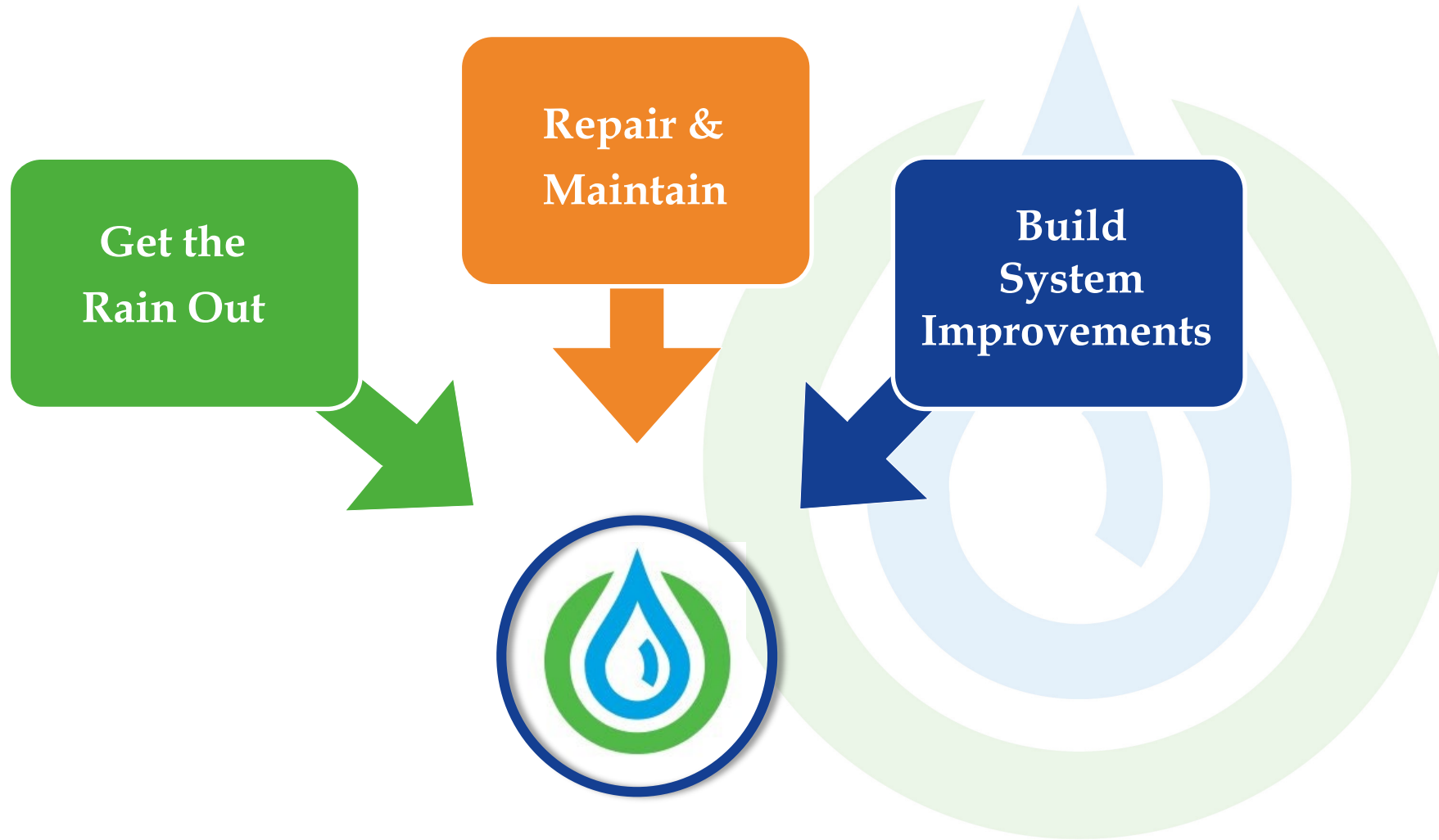
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# 3 Focus Areas for Project Clear





## Get the Rain Out

- 💧 Stormwater Disconnections
- 💧 Rainscaping\*
- 💧 Citysheds\*
- 💧 Combined Sewer Separations\*

## Repair & Maintain

- 💧 System Maintenance
- 💧 System Inspection
- 💧 System Rehabilitation and Replacement
- 💧 Fats, Oil and Grease Control Program
- 💧 Emergency Response

## Build System Improvements

- 💧 Tunnels
- 💧 Storage Tanks
- 💧 Relief Sewers
- 💧 High-Rate Treatment\*

\*Combined sewer system only activities



# *Get the Rain Out*

## The Importance of Stormwater Disconnections

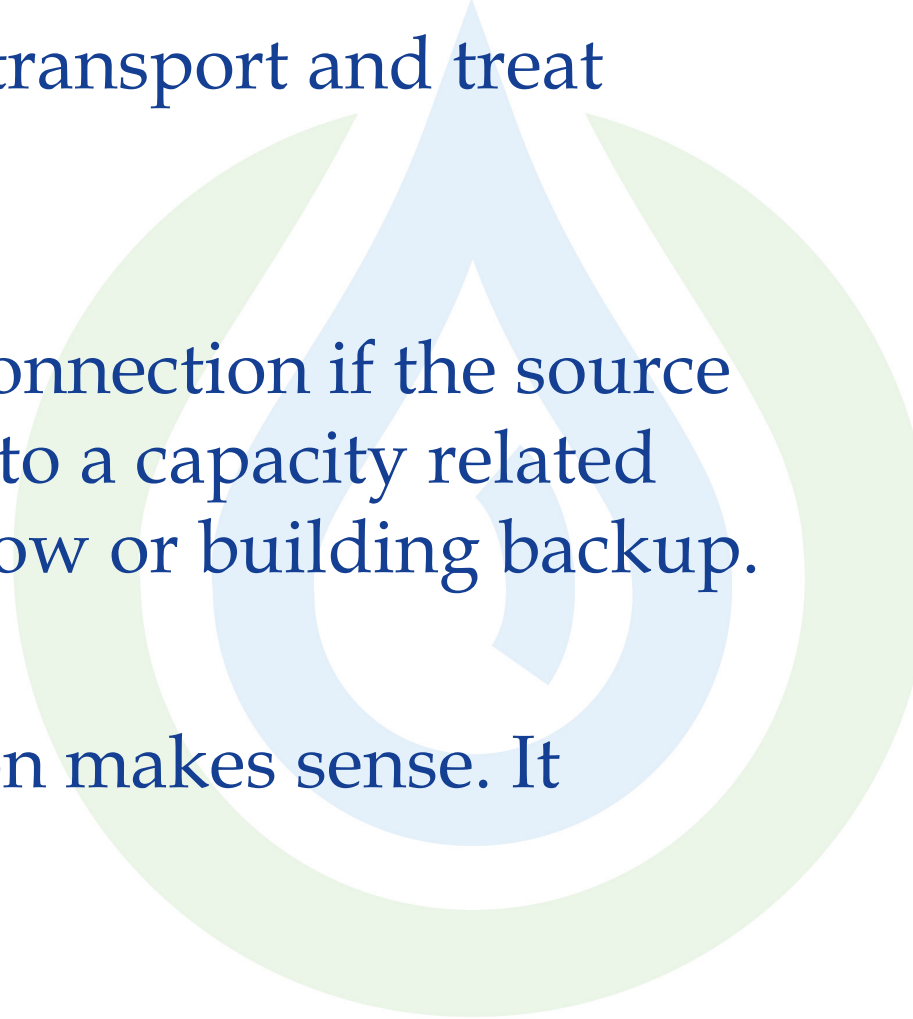






# Why Get the Rain Out?

- 💧 Removing improper connections is four times more cost effective than transport and treatment construction costs.
- 💧 Regulations require disconnection if the source contributes significantly to a capacity related wastewater sewer overflow or building backup.
- 💧 Stormwater disconnection makes sense. It works. It is required.



## Your Turn!

- 💧 We welcome your questions and feedback about MSD in general.
- 💧 See one of our team members for questions on the relief sewer or anything else.
- 💧 Please fill out our survey after the meeting.



# Questions?



[www.ProjectClearSTL.org](http://www.ProjectClearSTL.org)



@PCLemay



Project Clear Lemay

