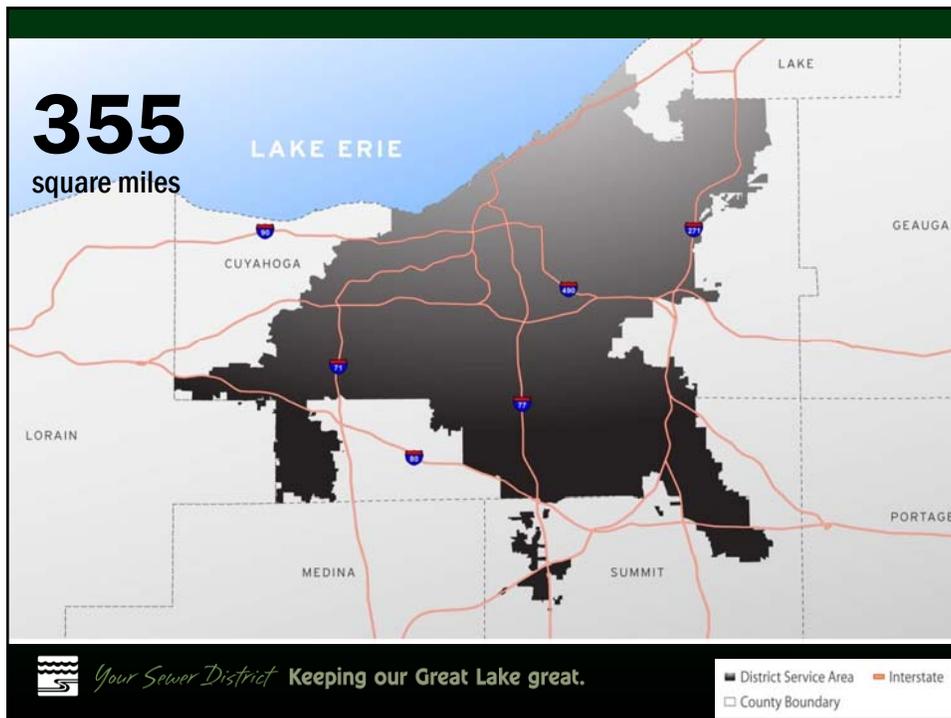


NORTHEAST OHIO REGIONAL SEWER DISTRICT

Linking Land Use and the Economy



 *Your Sewer District* Keeping our Great Lake great. **January 11, 2013**



Who We Are...

- Created in 1972 by Court Order
- Servicing all or part of 62 member communities
- 1 million customers
- 90+ billion gallons wastewater treated each year



Your Sewer District Keeping our Great Lake great.



#neorsdGREEN

...And What We Do

- Wastewater Treatment Plants
- Interceptor Sewer Operation and Maintenance
- Combined Sewer Overflow Control
- Regional Stormwater Management



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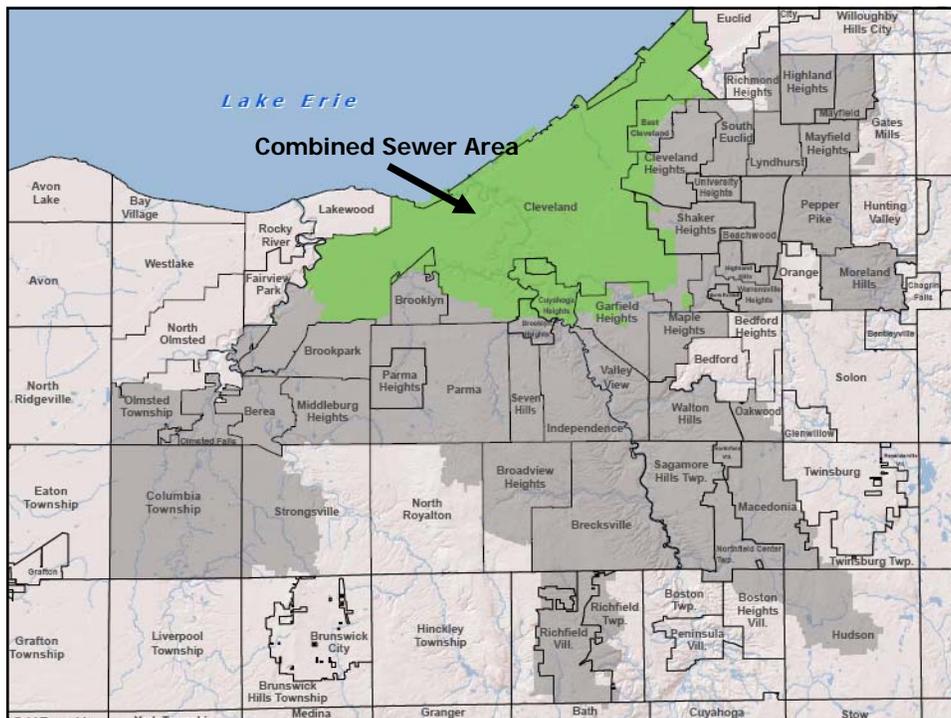


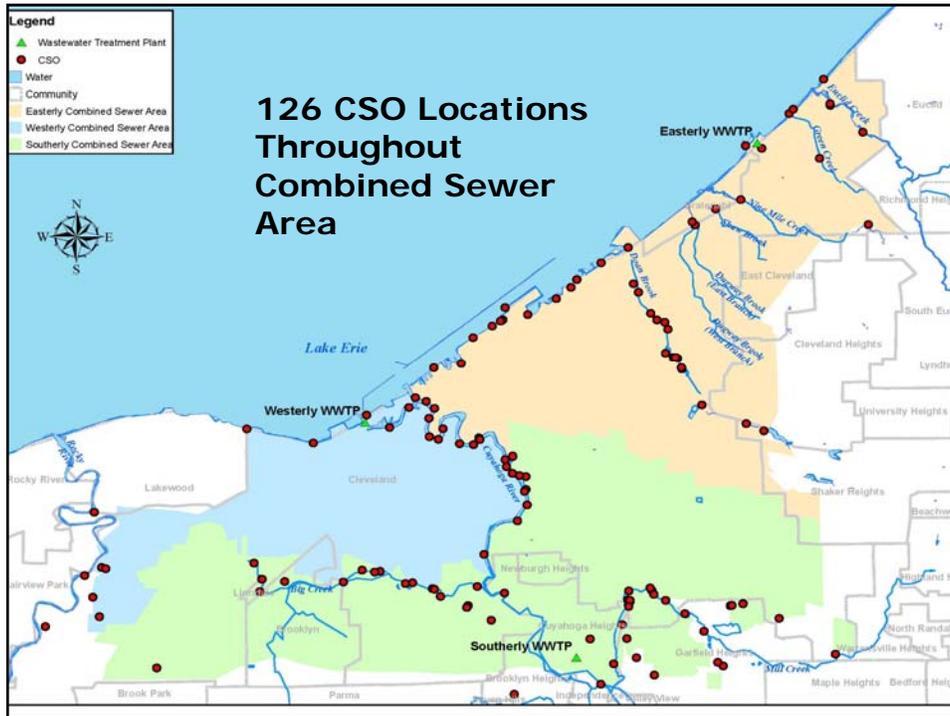
PROJECT CLEAN LAKE
GREAT LAKE • GREAT FUTURE

The Sewer District: COMBINED SEWER OVERFLOW CONTROL

Project Clean Lake

 *Your Sewer District* Keeping our Great Lake great.  #neorsdGREEN





Project Clean Lake projects

Shoreline STORAGE TUNNEL

Westerly CSO STORAGE TUNNEL

Euclid Creek and Dugway STORAGE TUNNELS

Tunnel Dewatering PUMP STATION

Doan Valley STORAGE TUNNEL

Big Creek CSO STORAGE TUNNEL

Southerly STORAGE TUNNEL

25yrs \$3B

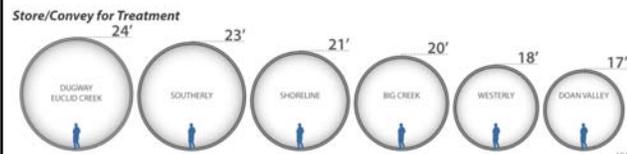
Seven CSO Tunnel Systems

- 21 total miles
- 17 to 24 feet wide
- 100 to 200 feet underground

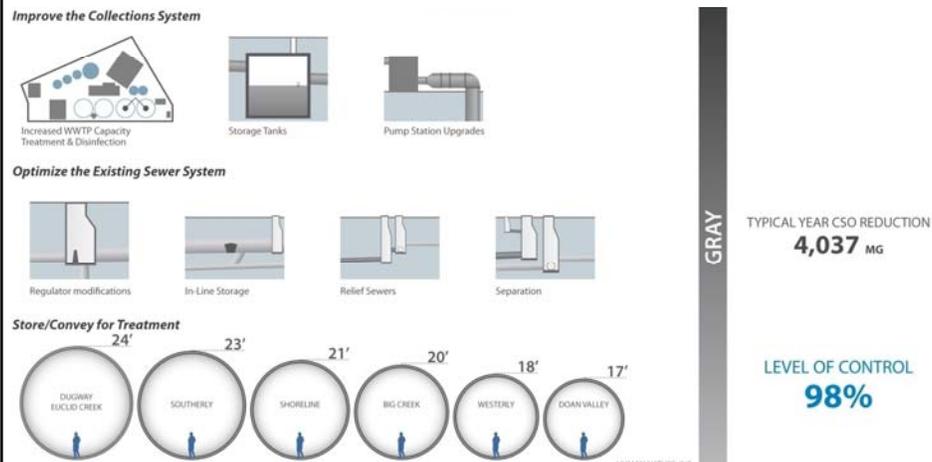
Schedule: January 2012 - December 2015

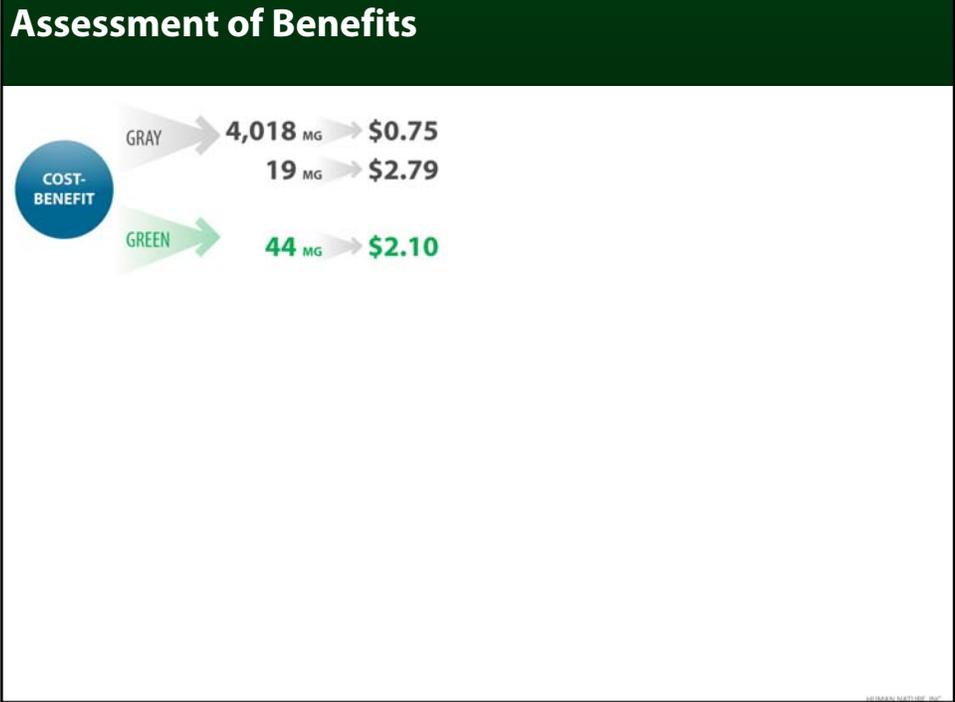
Your Sewer District Keeping our Great

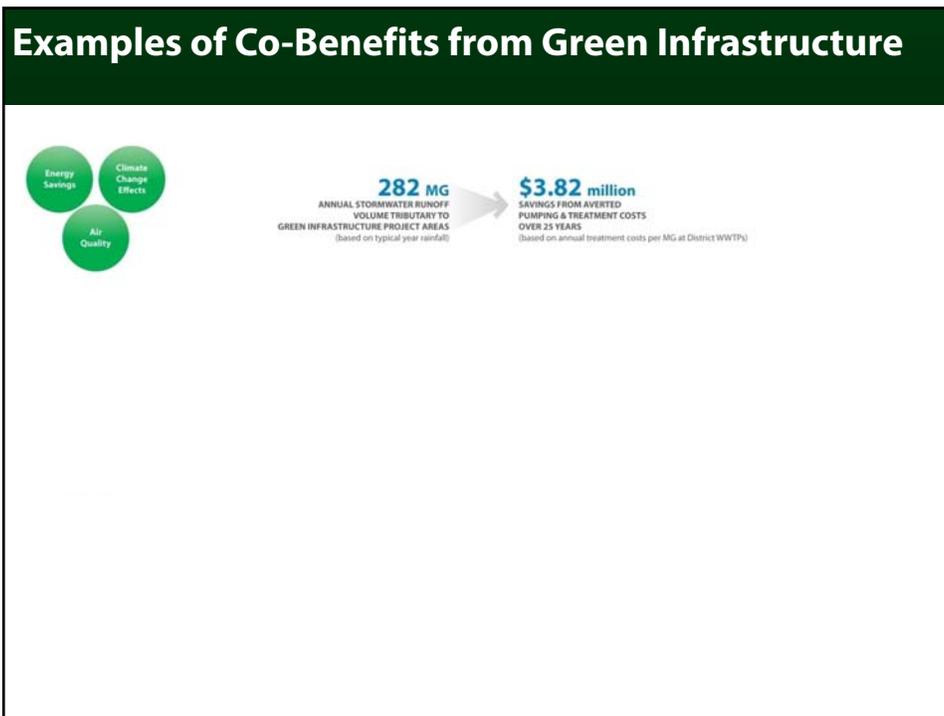
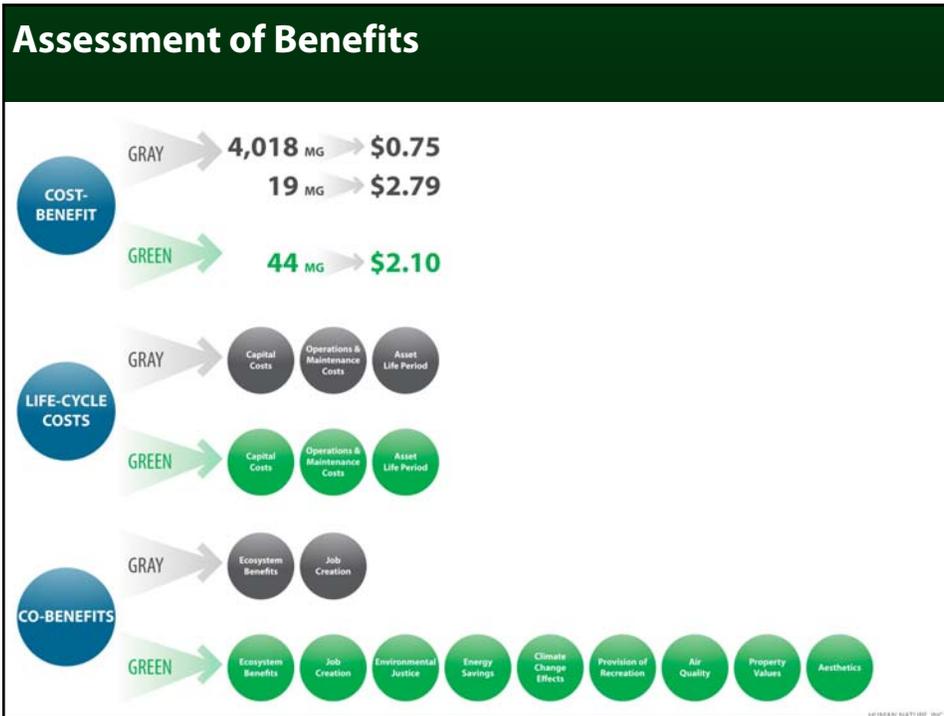
Components of the Long-Term Control Plan



Components of the Long-Term Control Plan









Your Sewer District Keeping our Great Lake great.



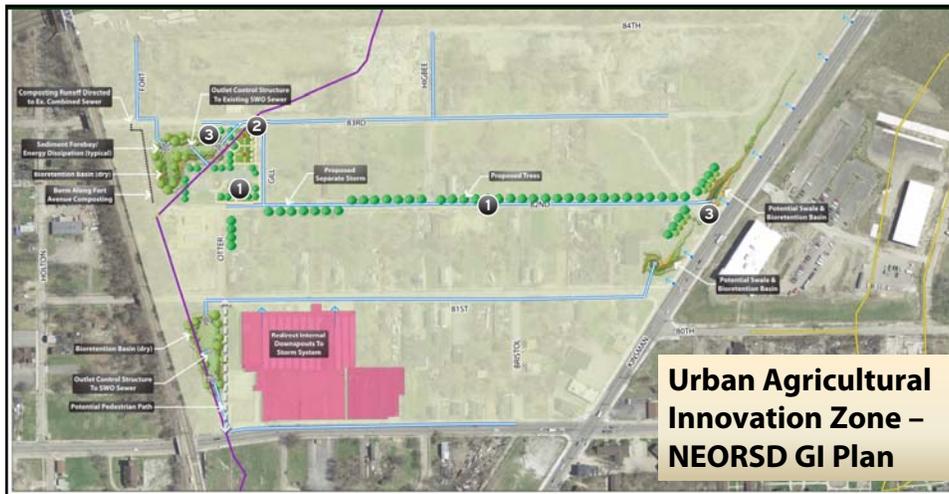
#neorsdGREEN

Urban Agricultural Innovation Zone - Vacancy

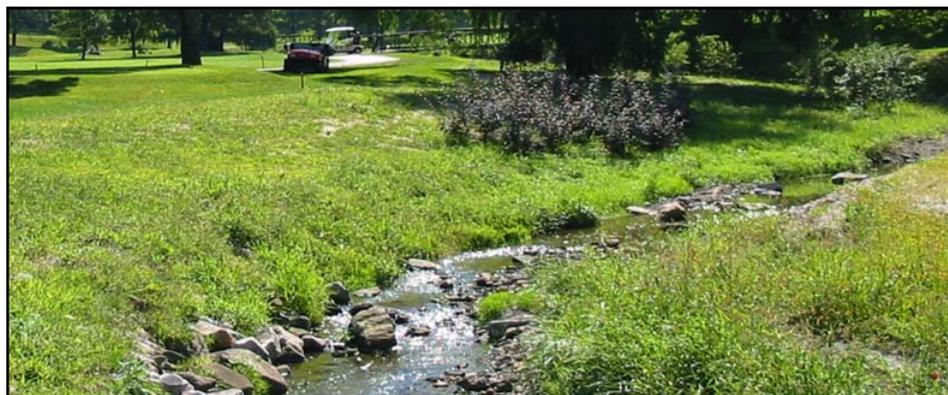
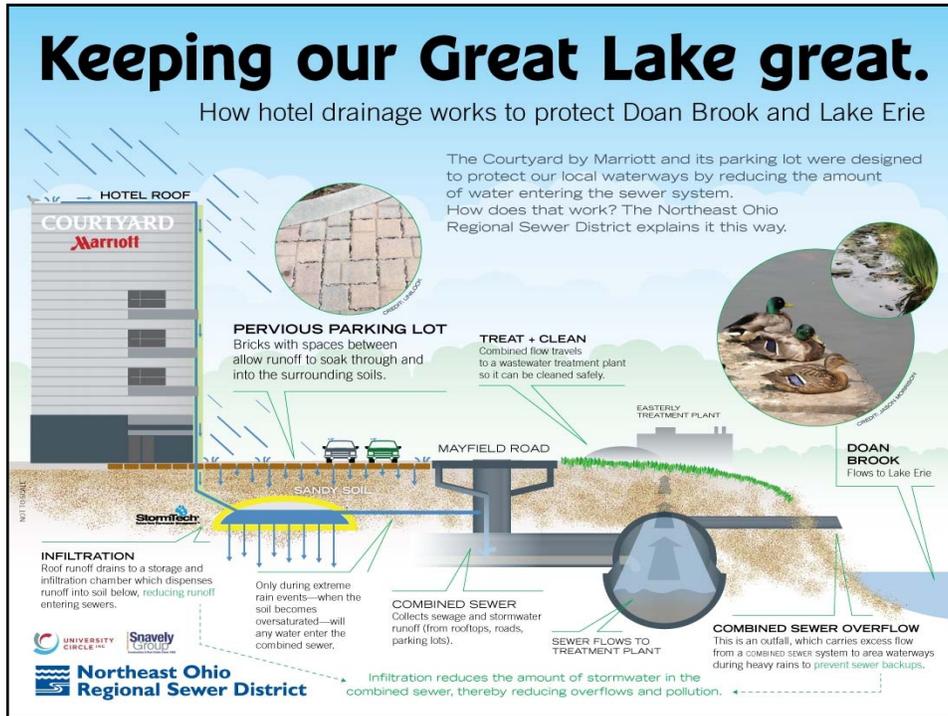


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The Sewer District: REGIONAL STORMWATER MANAGEMENT

Flooding, erosion, and water quality



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What we do

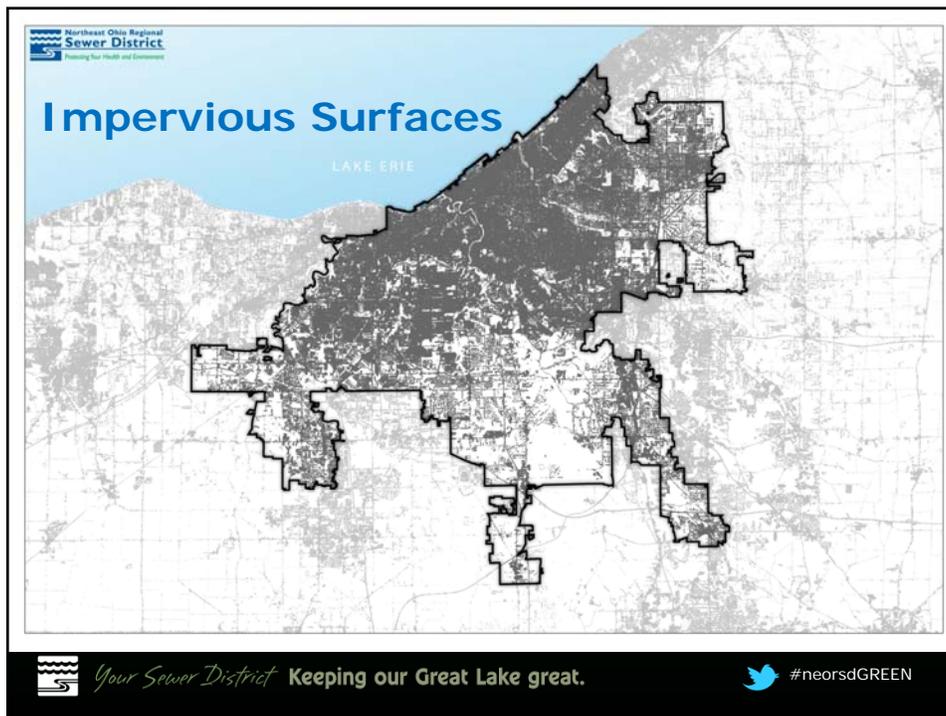
- Wastewater Treatment Plants
- Interceptor Sewer Operation and Maintenance
- Combined Sewer Overflow Control
- Regional Stormwater Management & new Stormwater Fee based on impervious surface

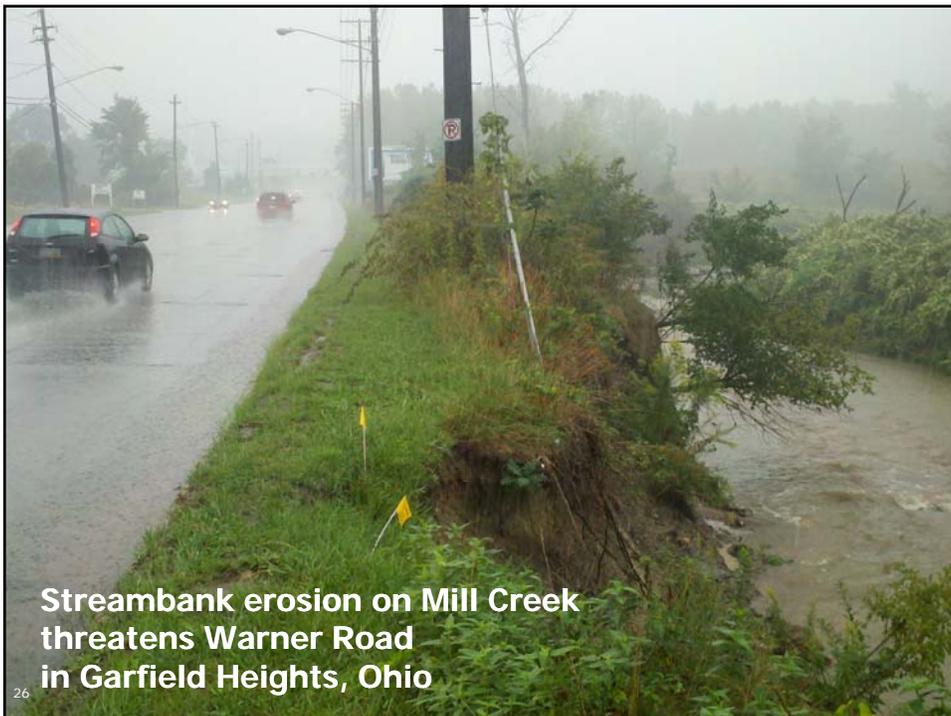


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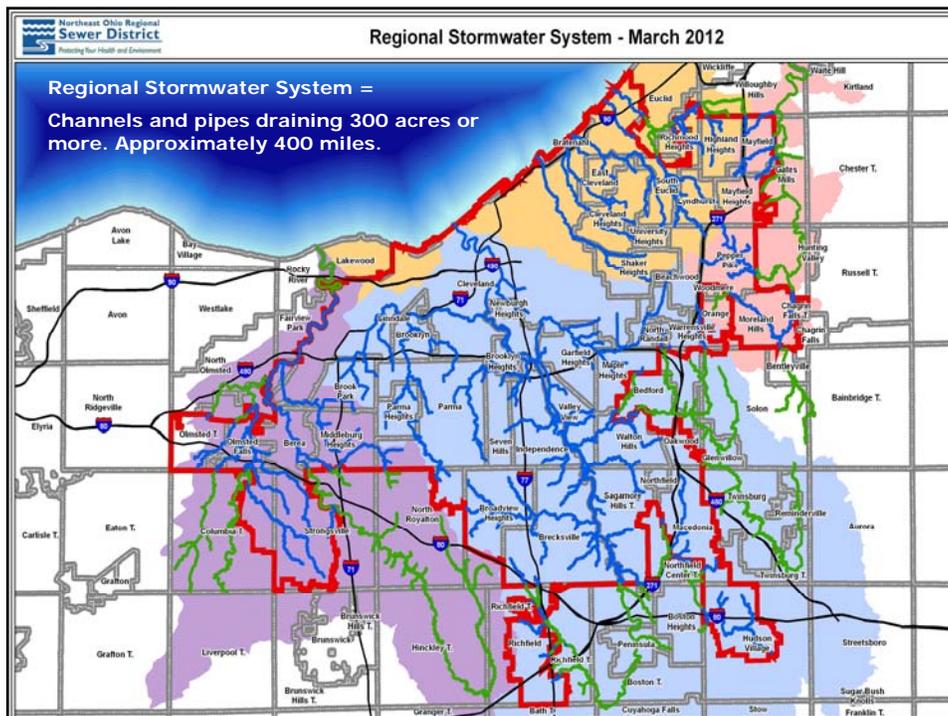
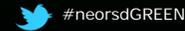




Regional Stormwater Management Program

- **Estimated revenue of \$38M/year from new impervious surface fee**
 - Inspection and Maintenance
 - Construction
 - Partner support

- **Stormwater Fee Credits recognize on-site Stormwater Control Measures**
 - Quantity Credit
 - Quality Credit
 - Education Credit
 - Individual Residential Credit

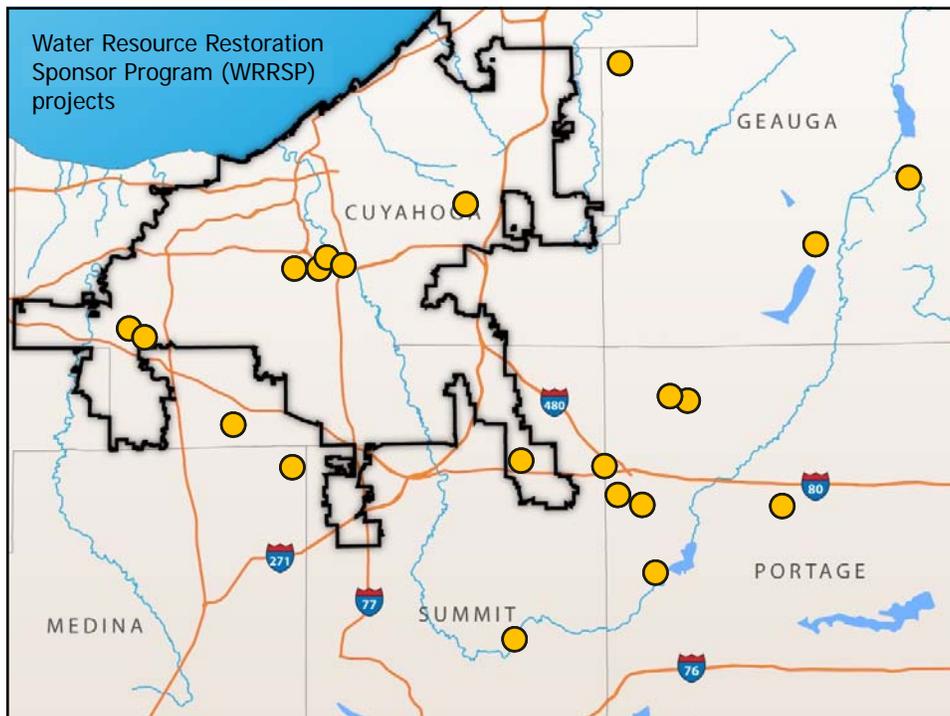
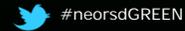


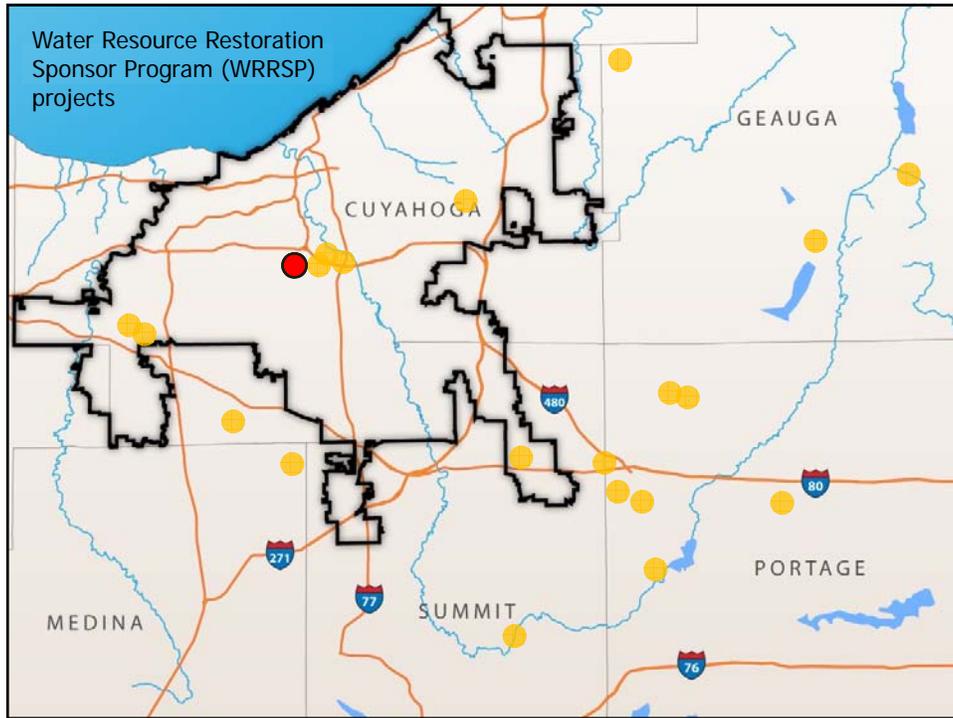
Stream Restoration and Land Preservation

- Ohio EPA's Water Resource Restoration Sponsor Program (WRRSP)
 - 22 projects from 2004 to 2012
 - \$31 million available through NEORS D participation
- Benefits to Regional Stormwater System
 - Stormwater management
 - Stream bank stabilization
 - Aquatic habitat improvement & preservation

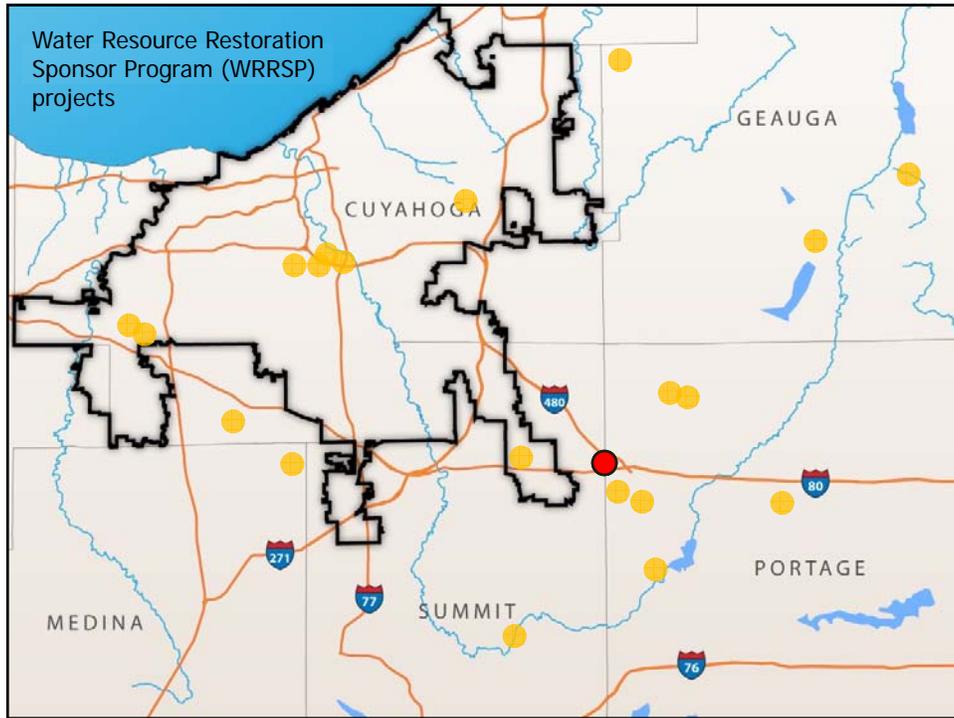


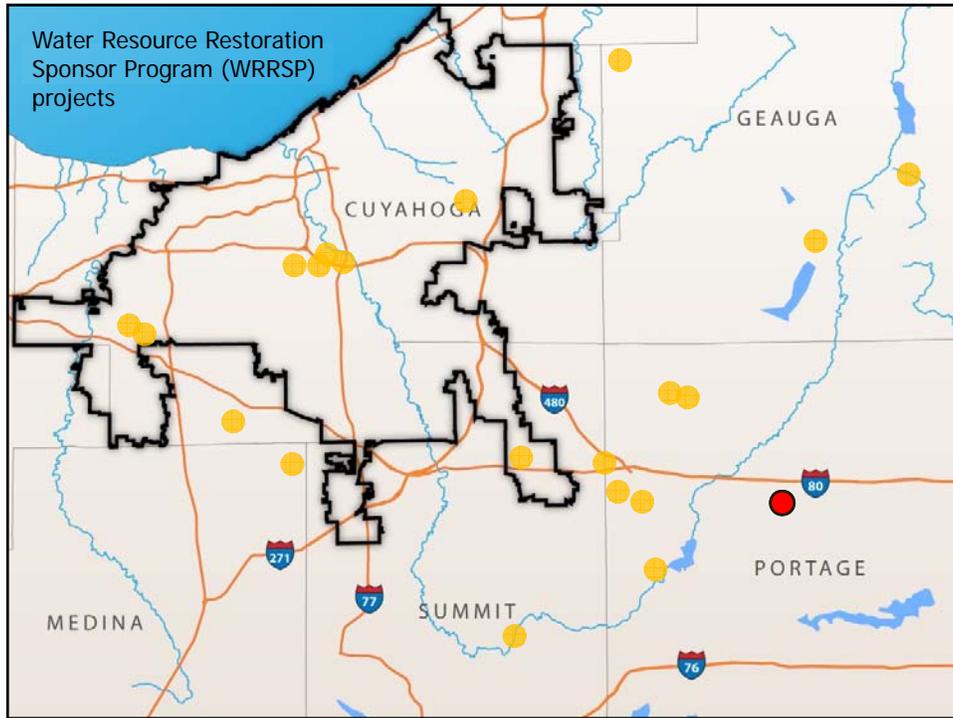
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WRRSP by the numbers

\$31 million

facilitated since 2005



WRRSP by the numbers

2,500 acres

of preserved property, including 600 acres of high quality wetland



WRRSP by the numbers

**7 dams
removed**



WRRSP by the numbers

12 miles

of protected streams



WRRSP by the numbers

21,000 feet

of restored streams



For more information

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neorsd.org



216 881-6600



@neorsd



yoursewerdistrict