



# ALCOSAN's Capital Expenditures Plans & Procurement Process



David W. Borneman, P.E.  
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# **What is the Allegheny County Sanitary Authority (ALCOSAN)?**

- **City-County authority governed by the Municipal Authorities Act of Pennsylvania**
- **Seven member board of directors appointed by the Allegheny County executive and the mayor of the City of Pittsburgh**
- **Provide treatment of wastewater from 83 municipalities with discharge to the Ohio River**



# ALCOSAN Organization

BOARD OF DIRECTORS

Arletta Scott Williams  
Executive Director

William Inks  
Director of  
Finance &  
Administration

Arthur Tamilia  
Director of  
Environmental  
Compliance

Douglas  
Jackson  
Director of  
Operations &  
Maintenance

David  
Borneman  
Director of  
Engineering &  
Construction

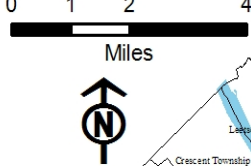
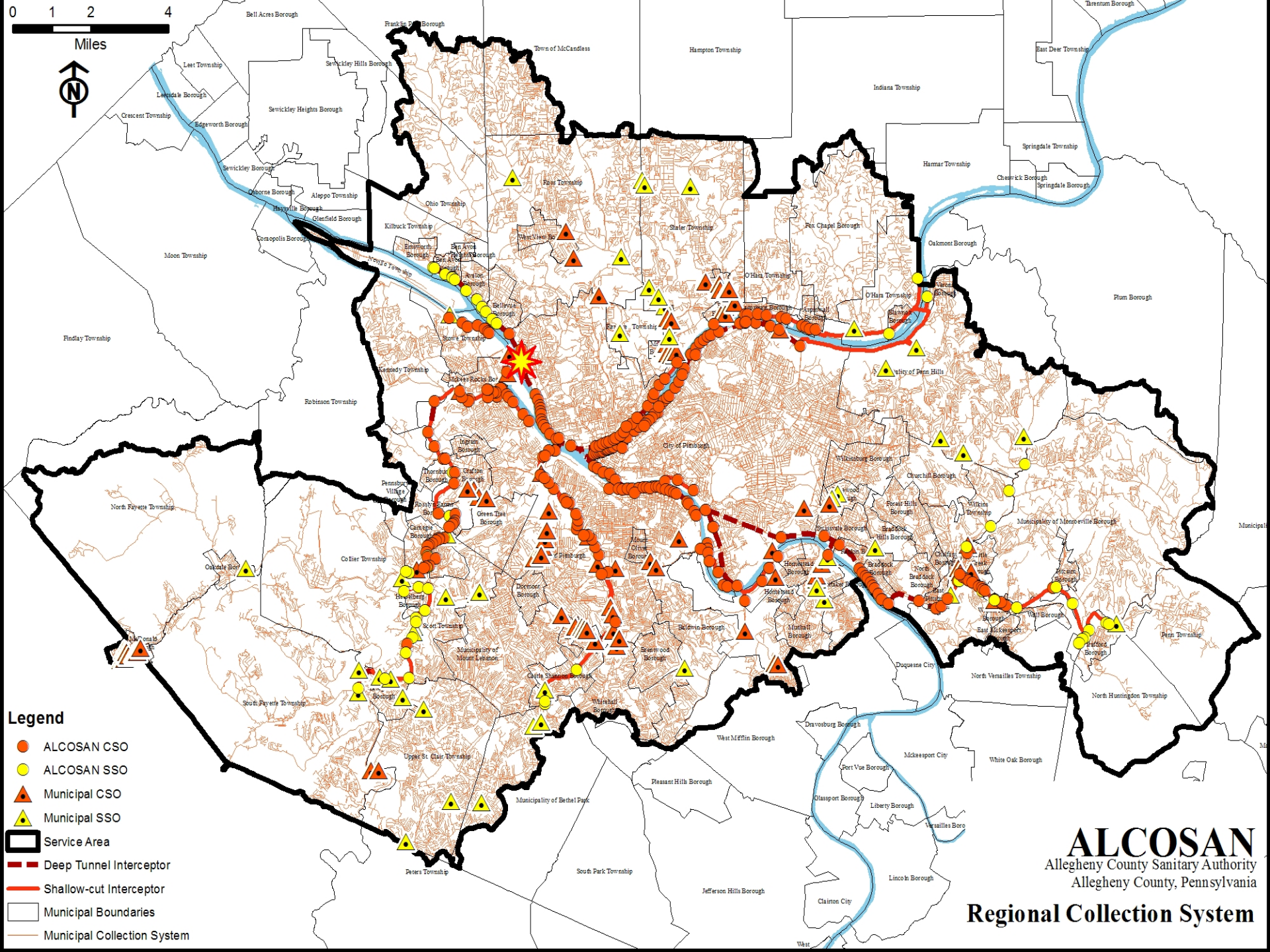
Jan Oliver  
Director of  
Regional  
Conveyance





# Wet Weather Issue





- Legend**
- ALCOSAN CSO
  - ALCOSAN SSO
  - ▲ Municipal CSO
  - ▲ Municipal SSO
  - ▭ Service Area
  - Deep Tunnel Interceptor
  - Shallow-cut Interceptor
  - ▭ Municipal Boundaries
  - Municipal Collection System

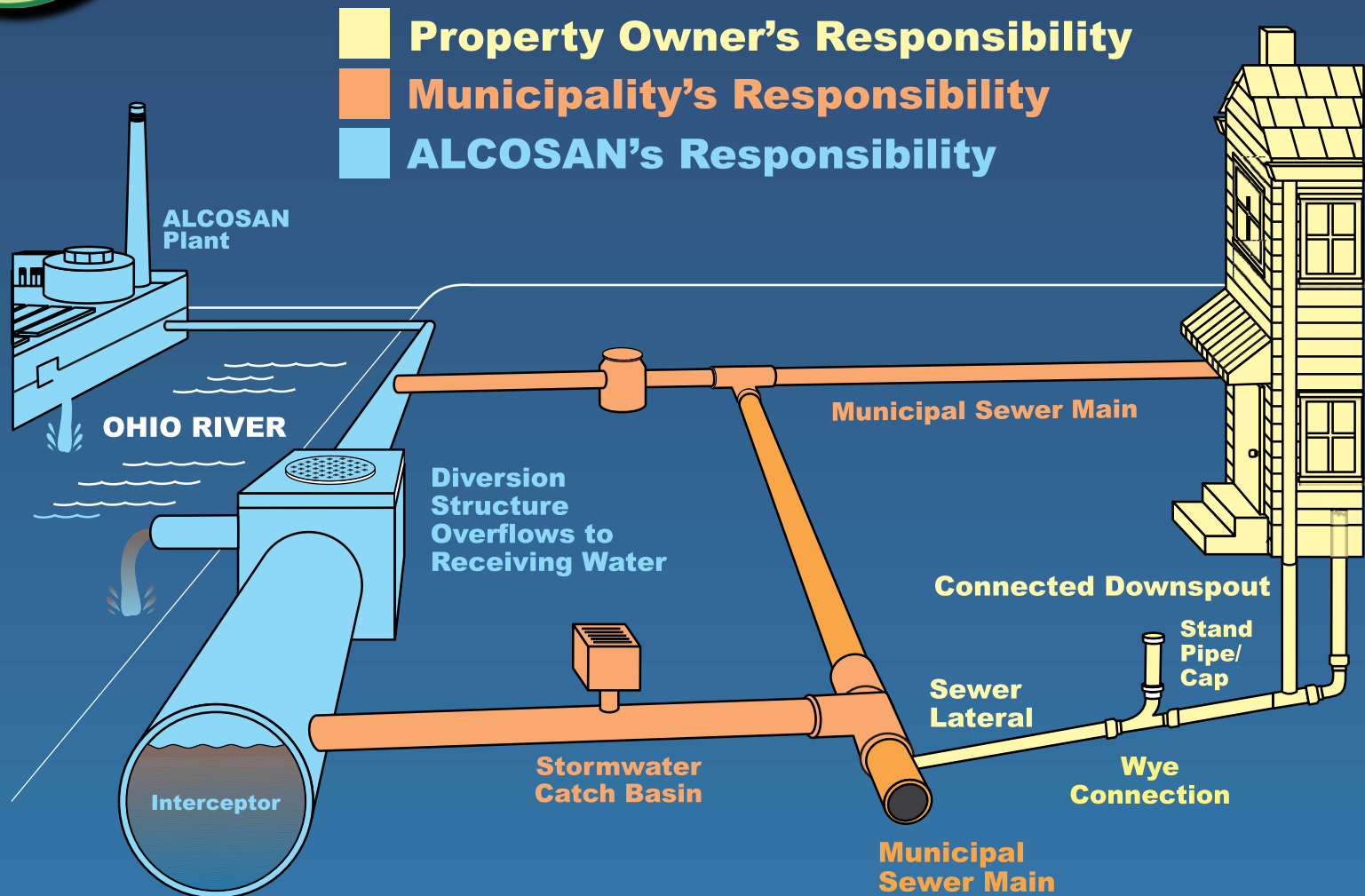
**ALCOSAN**  
Allegheny County Sanitary Authority  
Allegheny County, Pennsylvania

**Regional Collection System**





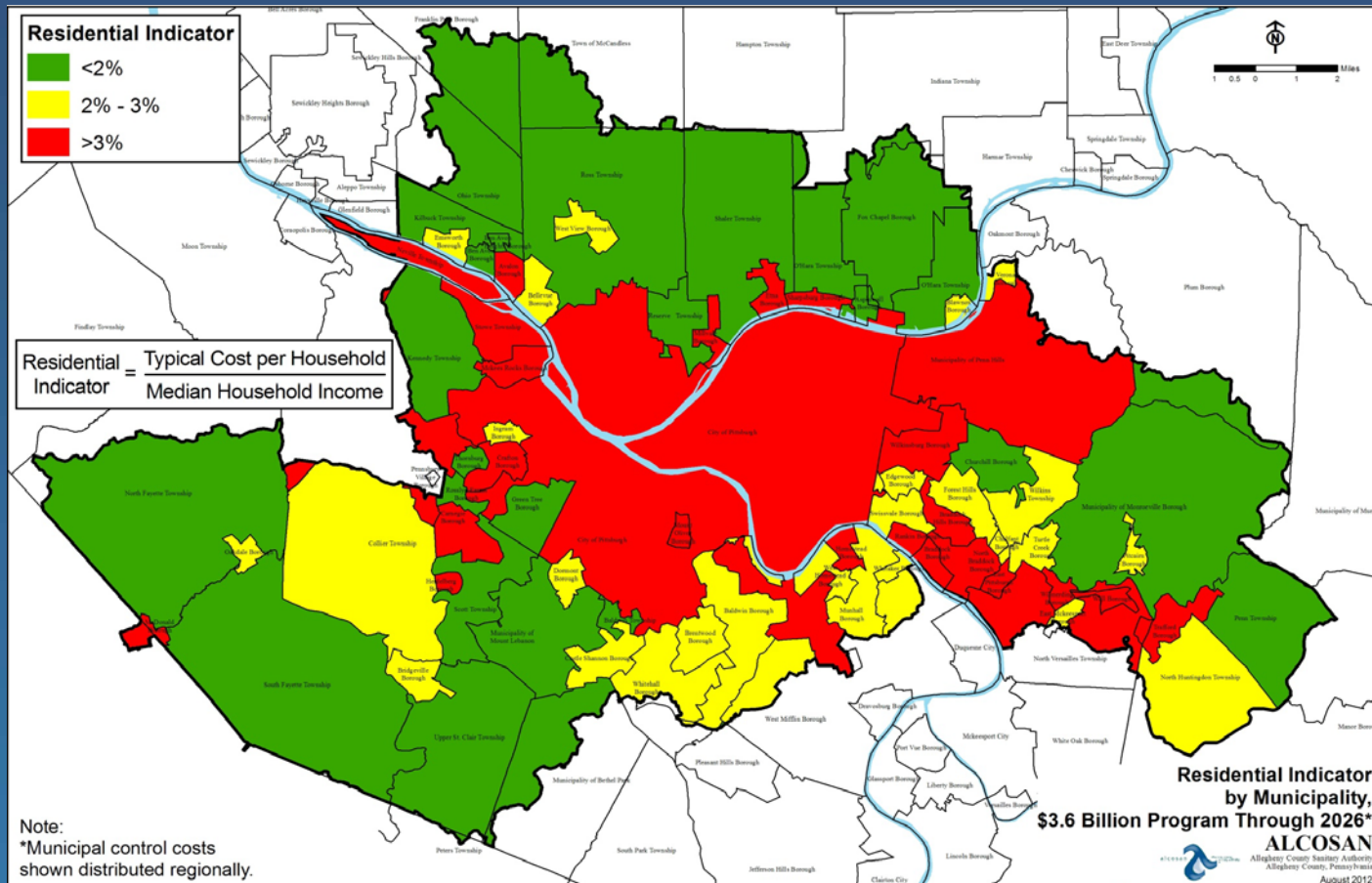
# The system is a shared responsibility





# What are ALCOSAN's priorities?

## 1. Make the Program Affordable





# What are ALCOSAN's priorities?

## 2) Improve Water Quality

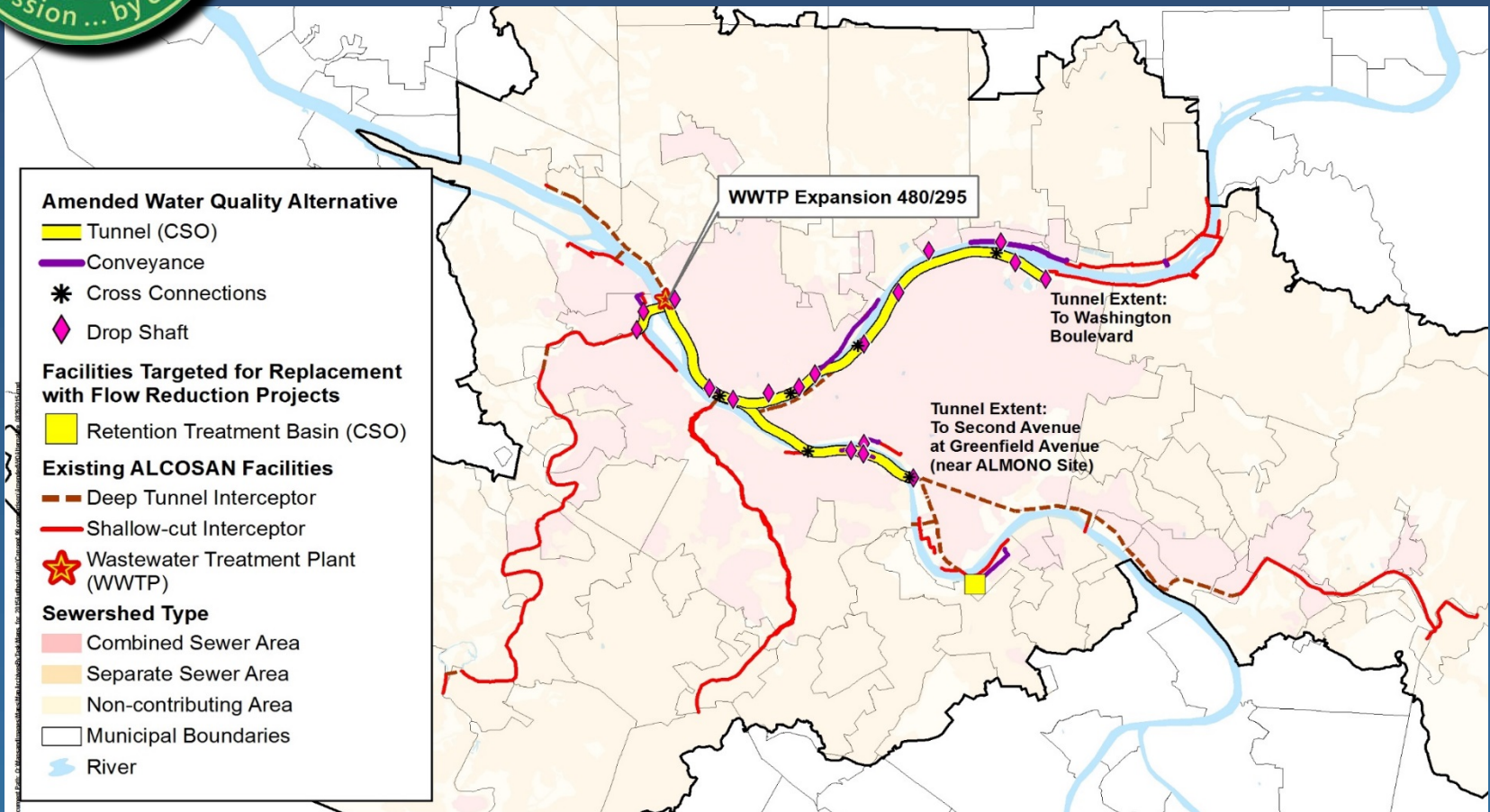








# Current Interim Wet Weather Plan (under negotiations)



- \$1.5 billion ALCOSAN Capital Improvements
- Undetermined municipal flow reduction
- Complete by Sept 2032



# Wet Weather Plan Phase I Key Components

## ALCOSAN Grey Backbone

### Priority Projects

- Plant Expansion
- Critical Tunnel Segments
- Sensitive Area Projects

## Municipal Flow Reduction

### Flow Reduction Targets

- Green Infrastructure
- Sewer Rehabilitation

## Regionalization

### Transfer to ALCOSAN

- Inter-Municipal Trunk Sewers
- Existing Wet Weather Facilities



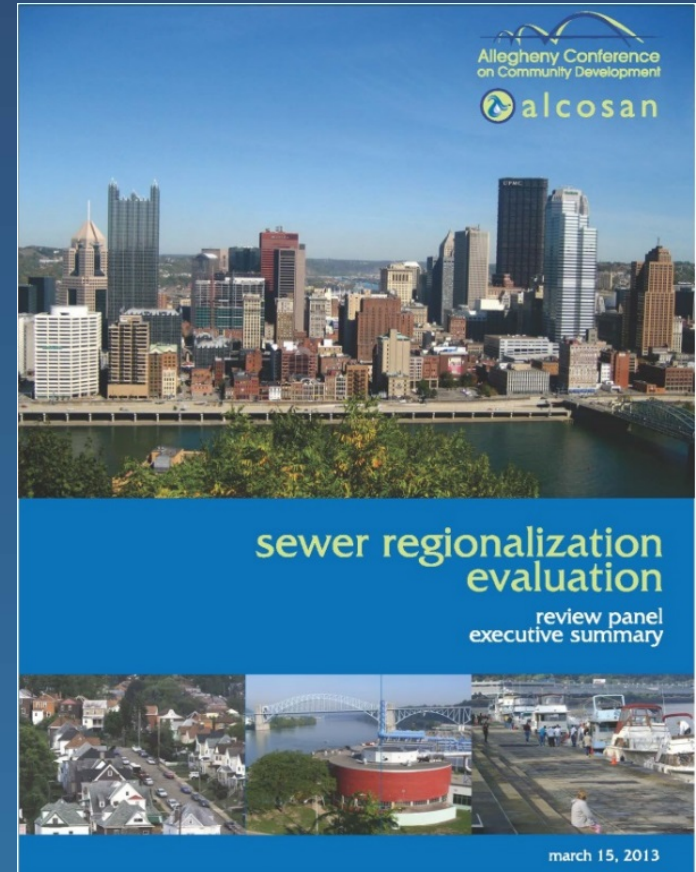


# Regionalization

## Voluntary Municipal Transfer to ALCOSAN

- Sewer lines that capture flows from more than one municipality
- Lines of 10" or greater diameter

Impacts over 200 miles of sewers and approximately 80 customer municipalities



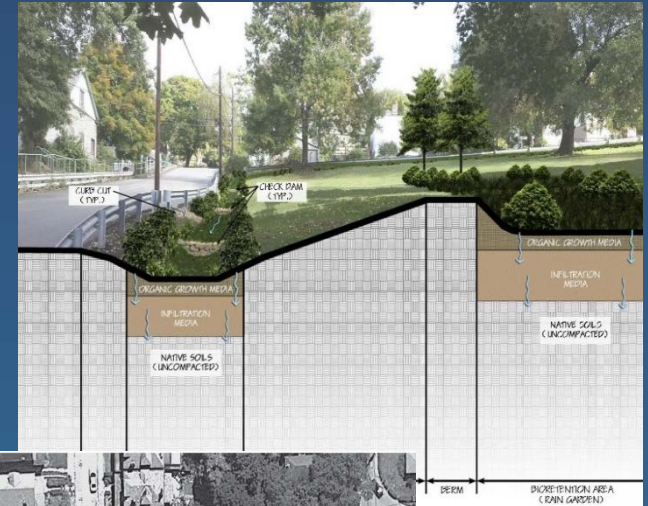






# Source Control – I/I Reduction and Green Stormwater Practices

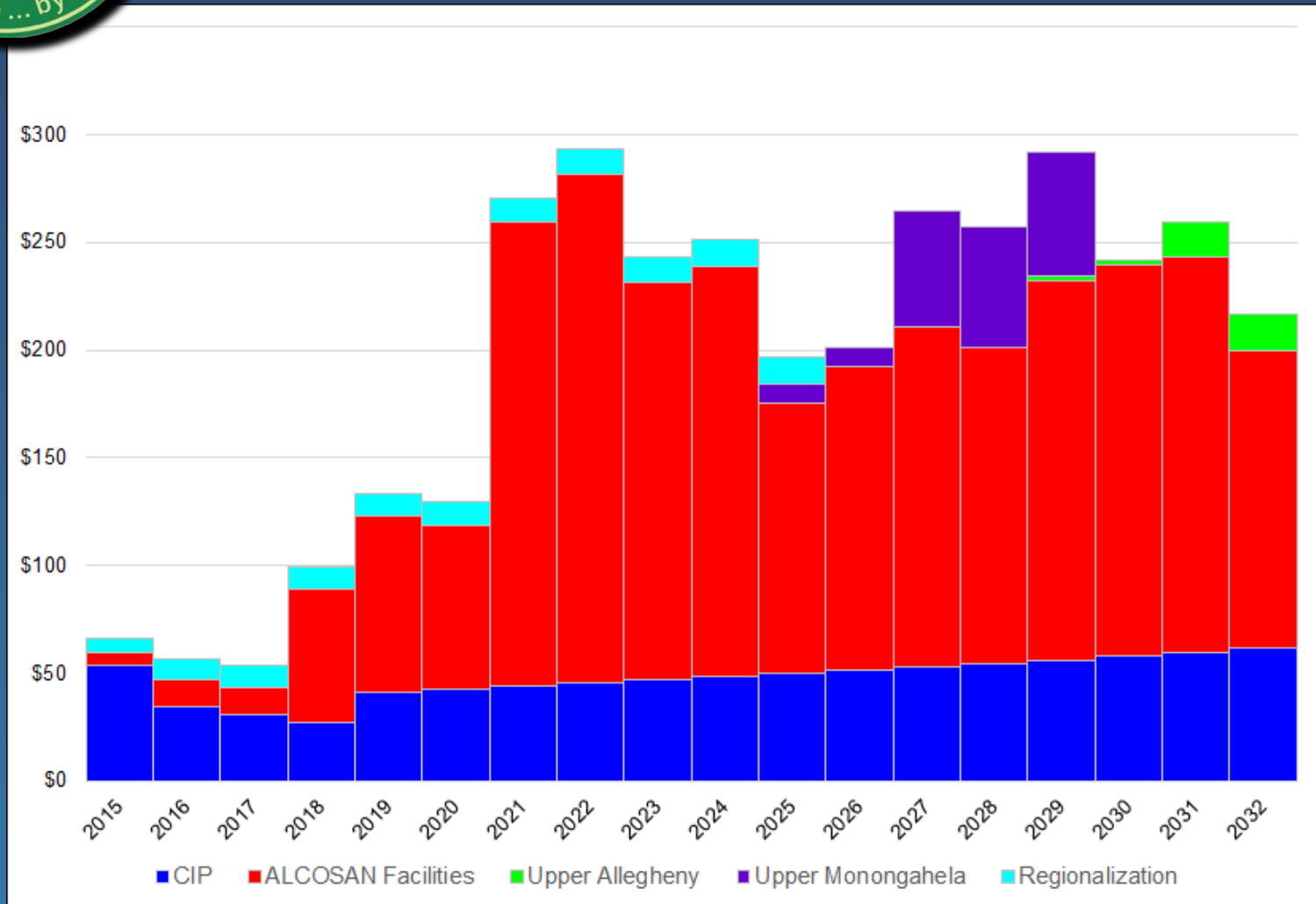
- Municipal source reduction studies
- Municipal flow reduction projects
- Flow monitoring
- Collaborative development of affordable flow reduction goals
- \$85 million matching fund program







# Projected Capital Expenditures 2015-2032





## **Additional ALCOSAN Resources**

- Created a Separate Procurement Office
- Hired Suzanne Thomas as Procurement officer
- Created a Owner Representative to advise on Implementing Wet Weather Plan Capital Improvements
- Hired Alex Sciulli of ALEM Consulting, LLC to perform Owner Representative duties and responsibilities



# Future Opportunities

- Wet Weather Advanced Planning
- Wet Weather Plant Expansion PM
- Source Reduction Program
- Green Infrastructure Program
- Land and Rights of Way Acquisition
- Small Capital Projects Design & CM Services
- Plant Renewable Energy Projects
- Laboratory Facilities Improvements





# ALCOSAN Procurement

- Professional Services Procurement Manual
- Advertise for Qualifications on As-Needed Basis in Local Newspapers and on Website
- Use RFQ/RFP Process for Large Projects
- MBE/WBE Participation Goals: 10% -25%
- Selection Process Includes Review of Technical Proposals and Interviews
- Selections Require Approval of ALCOSAN Board of Directors



# Opportunities on the Web

- Go to [www.alcosan.org](http://www.alcosan.org)
- Click on Business Opportunities
- Click on RFQs / RFPs

RFQs / RFPs

**ALCOSAN** Allegheny County Sanitary Authority

HOME > MUNICIPAL LOGIN >

**RFQs and RFPs**

Current ALCOSAN Requests for Qualifications (RFQs) relating to Professional Services are listed below in .pdf format. Note: Submissions must be received by the designated date and time, according to the selected RFQ. Please carefully review the criteria and comply with all requirements of the RFQ prior to submittal of a response.

TYPE	PROJECT NO.	DESCRIPTION	DEADLINE
RFQ	n/a	Professional Services - Integrated Planning and Partnering - <a href="#">Download PDF</a>	March 14, 2014
RFQ	n/a	Communications & Public Relations Services - <a href="#">Download PDF</a>	"CLOSED"
RFQ	Cap. Proj. No. 5299 and 5421	Removal of Menasha Building - New Vehicle Maintenance Garage - <a href="#">Download PDF</a>	"CLOSED"
RFQ	Cap. Proj. No. 5427	Squire Run Force Main and Bypass Pumping Connections at Squire Run, Montrose and Sandy Creek Pump Stations - <a href="#">Download PDF</a>	"CLOSED"
RFQ	Cap. Proj. No. 5421	New Vehicle Maintenance Garage - <a href="#">Download PDF</a>	"CLOSED"

Disclaimer: ALCOSAN does not warrant, represent or guarantee the accuracy or completeness of information provided by this website. Information provided here is simply for your convenience. There may be recent addenda or changes in the RFQ documents including, among other things, the instructions and conditions of the RFQ. The paper copies of the RFQ documents, including any addenda, housed at ALCOSAN's offices are the official governing documents relating to the applicable RFQ, and ALCOSAN shall not be responsible or liable in any way for errors, inaccuracies or omissions in any documents or information retrieved or downloaded from this site or for any failure to update this website with changes or addenda to an RFQ.

**ABOUT US**

- Customer Care
- Business Opportunities
- RFQs / RFPs >
- MSE Policies
- Contact Information
- Wet Weather Issues >
- Sewer Overflow Advisories >
- Education >
- Media Room >
- Sitemap >

**Customer Care**

At ALCOSAN, we believe it's our duty and privilege to protect, recover and reuse our most valuable resource for the benefit of our customers.

[Please click here for more information.](#)

**Consent Decree**

To comply with provisions set forth in the Clean Water Act, ALCOSAN must meet a series of requirements for planning, design and construction, operation and permitting. [Please click here for more information.](#)

**Watershed Education**

Leave small leftovers of paint and solvents to dry rather than pouring them down the drain. [Learn more.](#)

Current | News | Events | Consent Decree | Careers | Sitemap

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<http://www.alcosan.org/BusinessOpportunities/RFQsRFPs/54152/Default.aspx?1040201414737PM>



# Questions & Discussion