

## ► Delaware District Community Meeting

**Date:** Tuesday June 10<sup>th</sup>, 2025

**Time:** 6:00 PM – 8:00 PM

**Location:** Dash's Market, 1770 Hertel Ave, Buffalo, NY 14216

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### BSA/ PROGRAM MANAGEMENT TEAM ATTENDEES

Rosaleen Nogle (BSA)

Alex Emmerson (BSA)

Walt Walker (TYLin)

Kathryn Rozwood (TYLin)

Cambridge Boyd (Hallmark)

Katie Segarra (Hallmark)

Nadia Mugisha (Arcadis)

\* The sign-in sheet with a complete list of community members who attended is attached.

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### AGENDA

1. Queen City Clean Waters Program Overview
2. Overview of Delaware District Specific Projects
3. Q&A

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### ACTION ITEMS

1. Respond to questions on FAQs Poster Board

Program Management Team  
(PMT)

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### MEETING SUMMARY NOTES

# Queen City Clean Waters: Delaware District Community Meeting Summary Notes

**Meeting Summary – June 10th, 2025 | 6:00 – 8:00 PM**

**Location: Delaware District – Dash's Market, 1770 Hertel Ave, Buffalo, NY 14216**

## Who Attended

- Queen City Clean Waters representatives
- Local partners
- Community members and residents

## About the Initiative

- **Launched in late 2024**, as an update to Buffalo Sewer's Long-Term Control Plan
- Investing **\$1 billion+** across 50+ combined sewer overflow and wastewater treatment projects in all nine council districts over the next 10 – 15 years
- Focuses on environmental upgrades **with economic and social benefits** for local communities

## History of Buffalo Sewer

- Establishment: April 8, 1935, in response to a Department of Health mandate.
- Early Challenges: Financial instability leading to the creation of a state-established authority with \$15 million capacity.
- Long-Term Control Plan:
  - Initial report submitted in 2004, approved in 2014.
  - Ongoing adjustments revealed the need for additional projects to achieve full compliance by 2022.
  - Rebranded to the Queen City Clean Waters Initiative in 2024.

## Stakeholder Advisory Committee

- Formed in January 2025 to ensure **community voices shape project design**
- Includes reps from Board of Block Clubs, Urban League, Health Equity groups, and block clubs
- Supports transparency, inclusion, and local leadership in the process

## Delaware District Projects:

- **Hertel North-East In-Line Storage (ILS)**
  - **Goal:** Installation of a new level sensor within the sewer upstream from the intersection of Hertel and Deer. This sensor will communicate to the

chamber at Hertel and Deer to store flow within the sewer to temporarily house the flow until the Bird Island treatment facility has capacity to treat it. All work will be completed within existing manholes.

- **Location:** Hertel & Delaware Ave.
- **Timeline:** 2037 – 2040
- **Budget:** Estimated \$4 Million
- **Green Stormwater Infrastructure Program: Raincheck 2.0**
  - **Goal:** Reduce stormwater entering the sewer system during wet weather to prevent overflows into waterways.
  - **Location:** 500+ Locations throughout the city
  - **Timeline:** 2025 – 2028
  - **Budget:** Estimated \$88 Million

## Project Impacts and Mitigation

- **Construction Impacts:**
  - Equipment and traffic on roads, temporary noise and dust.
  - Potential road and sidewalk closures, limited street parking, and detours.
  - Mitigation measures in place to minimize disruptions.
- **Environmental Compliance:**
  - State priority environmental review completed.
  - Measures to control erosion and runoff during construction.
- **Operational Benefits:**
  - Reduction in CSOs
  - Improved public health and ecosystem enhancement
  - Compliance with Environmental Protection Agency regulations

## Community Engagement Highlights

- **Interactive Website:** [BuffaloQCCW.org](http://BuffaloQCCW.org) for ideas, surveys, and concerns
- **Public Forums:**
  - *In-person:* April, May & June – all nine council districts
  - *Virtual:* July 12, 10 AM – 12 PM (Zoom)
- **Outreach Tools:** Mailers, social media, texts, and presence at community events like National Night Out

## Upcoming Events

- **June 12<sup>th</sup> @ 6 PM:** Niagara District Community Meeting In-Person at the Belle Center
- **June 17<sup>th</sup> @ 6 PM:** North District Community Meeting In-Person at the Northwest Buffalo Community Center
- **July 12 @ 10 AM:** Virtual Community Forum

## Stay Connected

- Visit: <https://buffalosewer.org/>
- Visit: [BuffaloQCCW.org](http://BuffaloQCCW.org)
- Follow-up: Meeting notes, Q&A responses, and ongoing design updates will be published

## Community Questions & Responses

- 1. More details about Delaware & Hertel in relation to Gates Circle? Are we going to see lots of giant holes in 2 years?**
  - The project at Gates Circle is different. Delaware & Hertel's project is more like the project that occurred at Oak & Broadway. This project is going to be a much larger hole, but it's going to be all in one spot, rather than multiple giant holes. The Delaware & Hertel project is an in-line storage project. The Gates Circle Project will be completed this year.
- 2. Why is the Delaware District project scheduled so far out in the QCCW project timeline? Will progress/monitoring of other QCCW projects impact the Delaware Project?**
  - The Delaware District Projects are the latest because they only impact the Niagara River. Projects impacting the Scajaquada Basin/Black Rock canal were prioritized because the water quality impacts of combined sewers are greater on those waterbodies rather than the Niagara River.
- 3. What is in jeopardy with EPA/environmental grants? What about 2012 Consent Decree funding? What are state funding sources?**
  - Any funding coming out of Washington, D.C. right now is in jeopardy. There was no funding associated with the 2012 Consent Decree. NYS has a Clean Water Revolving fund; this funding is fairly well managed and is a source of funding for Buffalo Sewer. NYS also has taken on an Environmental Bond that is another source of Buffalo Sewer funding. At this moment, Buffalo Sewer is not anticipating trying to go after any federal grants.
- 4. Buffalo handles ½ of rain “per day”, what does future capacity look like?**
  - There is no fixed number of capacities “per day”. Modeling is done for each large storm. The major concerns are rainfalls that are coming down extremely fast, such as ¼ inch in 15 minutes.
- 5. Is there currently a sewer crossing the bathtub section of Route 33?**
  - The bathtub section of the 33 is where it is because of the Scajaquada Drain. There needs to be clearance for the Scajaquada Drain to run underneath the road. Underneath the bathtub section does include part of the Scajaquada tunnel. The tunnel is 50ft below ground surface, and the Scajaquada Drain is 10ft below ground surface. Part of the design of the 33 was intentional to be able to go around the Scajaquada Drain.

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**NEXT MEETING (IF APPLICABLE)**

**Date of Next Meeting:** June 12<sup>th</sup>, 2025

**Time of Next Meeting:** 6:00 – 8:00 PM

**Location of next Meeting:** The Belle Center, 104 Maryland St, Buffalo, NY 14201

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**BUFFALO**  
SEWER AUTHORITY

QUEEN CITY CLEAN WATERS



Delaware Council District  
Meeting Tuesday June 10,  
2025

Name	Email Address	Phone Number	Neighborhood	Do you belong to a Block Club?	Would you like to receive more info?
Marcia Perez	MarciaSPerez@gmail.com				
Maria Perez	g@gmail.com	446 7616 82			
Mitchell Dushay	mitchell.dushay@fastmail.com		N Boro	no	yes
Kathryn Perez	Kathryn.Perez@Cityline.com		Delaware	Y	yes



**BUFFALO**  
SEWER AUTHORITY

QUEEN CITY CLEAN WATERS



Delaware Council District  
Meeting Tuesday June 10,  
2025

Name	Email Address	Phone Number	Neighborhood	Do you belong to a Block Club?	Would you like to receive more info?
Deanne	deanne@buffalo.edu	716 836 8337	Central Park	No	No
Deanne Montgomery	dplonka@hotmail.com		WBFL	Yes	Yes
HAYDEN RADEL	htradel@buffalo.edu		Suburbs	No	Yes
LILY RADEL	lcradel@buffalo.edu		Suburbs	No	No



**BUFFALO**  
SEWER AUTHORITY

QUEEN CITY CLEAN WATERS



Delaware Council District  
Meeting Tuesday June 10,  
2025

Name	Email Address	Phone Number	Neighborhood	Do you belong to a Block Club?	Would you like to receive more info?
MARGARET LATONA	MTLATONA CGMAIL.COM	716 875-0421	COLUMBIA & LINDEN	No	YES
Alex Senners	A.SENNERS@BUFFALO.GOV	913-7545	NORTH BUFFALO	NO	YES
Peter Gold	P.GOLD@BUFFALO.EDU	716 834 2417	DELAWARE	NO	YES
KELLEST. JOHN	KMOSHER@BUFFALONY.GOV	716 851 9657	STONESTONE	1	1

Name	Email Address	Phone #	Neighborhood	Block Club affiliated?	Would you like to receive more info?
Madeline Tandy	Mad.tan@verizon.net	716 480 9641	Del	Yes	Yes
Sarvel Marques	smarques@burrardcu	585-747-2300	OUTSIDE WNY	NO	Yes
Diamond Bill Ingstley	DiamondIngstley@yahoo.com	(716) 341-0789	MASTEN ST	MT. OLIVE (PRES) SK. MANOR	Yes
Madiyah					Yes



**BUFFALO**  
SEWER AUTHORITY

QUEEN CITY CLEAN WATERS



Delaware Council District  
Meeting Tuesday June 10,  
2025

Name	Email Address	Phone Number	Neighborhood	Do you belong to a Block Club?	Would you like to receive more info?
Chris Carey	Careyclee96@yahoo	873-8449	Herfet	No	Yes
Athaliae Jay	adry1088@gmail		Delaware	No	No
Ada Hopson Clemens	ahconnections@yahoo	716 - 314 - 2063	—	—	—
All sign	✓	✓	✓	✓	—

# DELAWARE DISTRICT



## -Hertel North-East In-Line Storage (ILS)

Construction Timeline: Spring 2037 - Summer 2040

### Description:

- Installation of a new level sensor within the sewer upstream from the intersection of Hertel and Deer. This sensor will communicate to the chamber at Hertel and Deer to build up flow within the sewer to temporarily store the flow until the Bird Island treatment facility has capacity to treat it. All work will be completed within existing manholes.



Hertel Ave

## Gates Circle Real Time Control (RTC) IN CONSTRUCTION

Construction Timeline: Summer 2024 - Winter 2025

### Description:

- A gate in the sewer manhole will be controlled in real-time.
- Extra equipment will also be added at the Niagara Meeting Station to help manage the gate.



Scan for more project information!





Queen City Clean Waters

# Public Participation Forum

June 10th, 2025 – Dash's Market, Delaware District

BSA Capital Projects Program Management Team:

**Tylin** | Greeley and Hansen  
Water Solutions

Arcadis | JM Davidson Engineering | Hallmark Planning & Development | e3 Communications | Watts Architecture & Engineering | CORE Environmental | Atlantic Testing Laboratories | Frandina Engineering and Land Surveying | KHEOPS Architecture, Engineering and Survey | International Institute of Buffalo | Jade Stone Engineering | NASCO Construction Services | JKMuir | People Inc. | CWD Consulting



# Disclaimer

- This Presentation is provided as of June 10, 2025.
- If you are viewing this Presentation after that date, subsequent events could have a material effect on this information.
- By presenting this information, Buffalo Sewer has not undertaken any obligation to update the information beyond the date of the Presentation.
- Data and other information provided are not warranted as to completeness or accuracy and are subject to change without notice.
- The views, policies, programs, and practices reflected herein also are subject to change without notice.
- This Presentation is provided for your information and convenience only.

# Agenda



**BACKGROUND**



**OVERALL PLAN**



**SPECIFIC PROJECTS  
WITHIN COUNCIL  
DISTRICT**



**OPPORTUNITIES TO  
STAY ENGAGED**

# Key Terminology

- **CSO:** when a combined sanitary and storm sewer overflows into a waterbody during high flow precipitation events.
- **Interceptor:** large diameter sewer pipe that collects wastewater from smaller neighborhood pipes.
- **ILS:** the storage of wastewater temporarily within the existing sewer pipes.
- **OLS:** A tank that holds extra water when the sewer is full, then drains it to be treated when there's space.
- **Orifice plate:** A flow restricting device.
- **Overflow Weir:** a barrier that lets excess water flow over the barrier to control water levels.
- **RTC:** Sewer chambers with automatic gates store and release water to prevent overflows when the treatment plant is ready.
- **SPP:** A chamber that directs water to the treatment plant in dry weather or overflow area during heavy rain.
- **Underflow Pipe:** is a pipe that allows water to flow underneath a barrier to manage water levels to prevent flooding.
- **Weir:** a structure similar to a dam. Used to control water flow.



CSO: Combined  
Sewer Overflow



GI: Green  
Infrastructure



ILS: In-line  
Storage



OLS: Off-line  
Storage Tank



RTC: Real Time  
Control

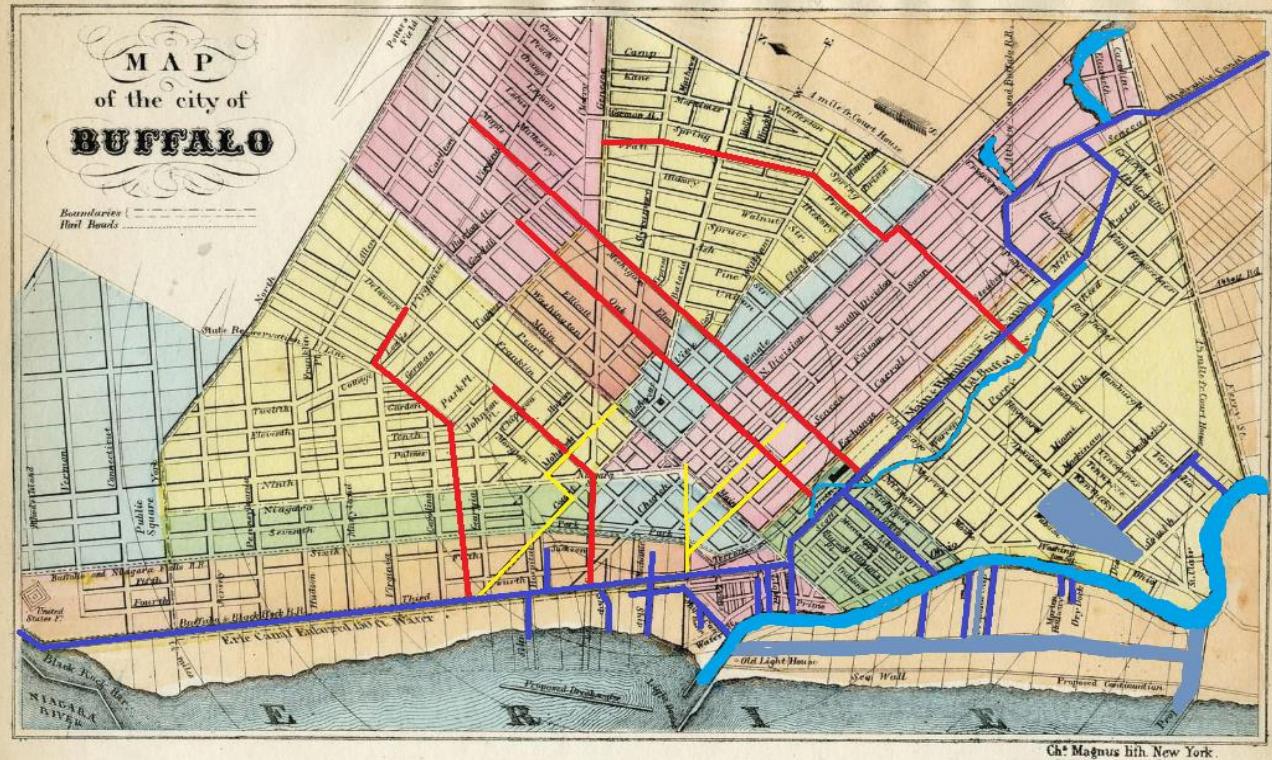
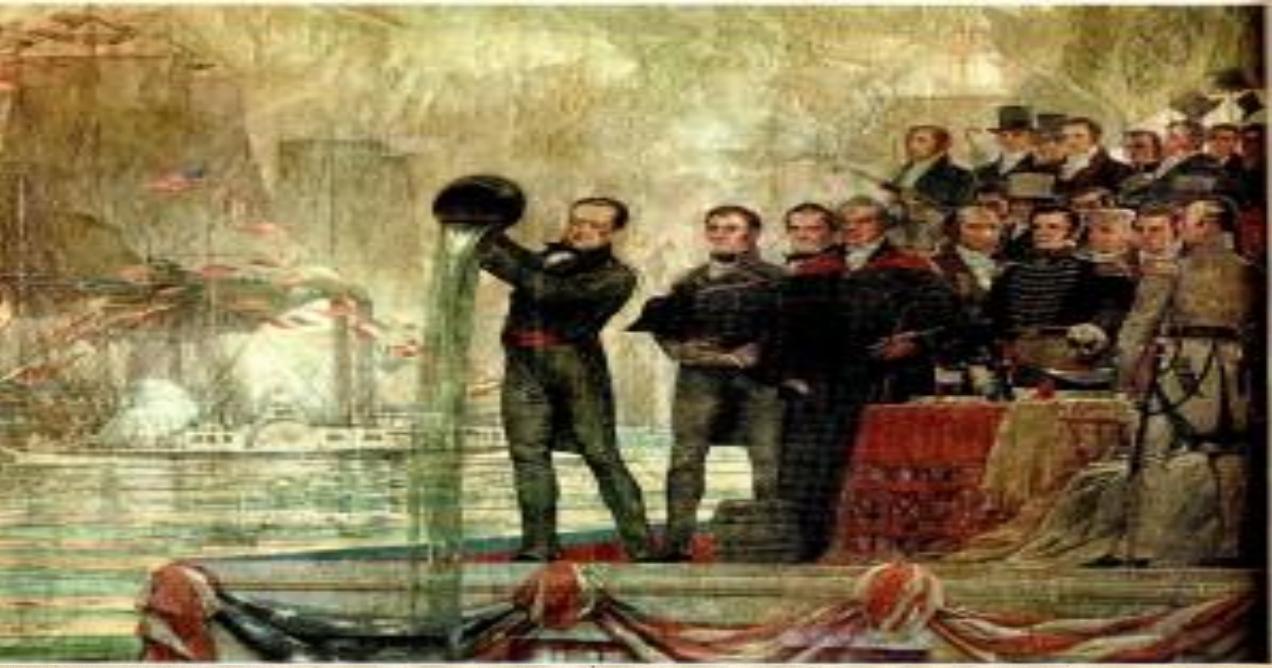


SPP: Sewer  
Patrol Point

# Background

# A Brief History of Buffalo's Sewers

- Erie Canal opened in 1825
- Drain the Swamp
- Cholera epidemics
  - 1832
  - 1849
  - 1852



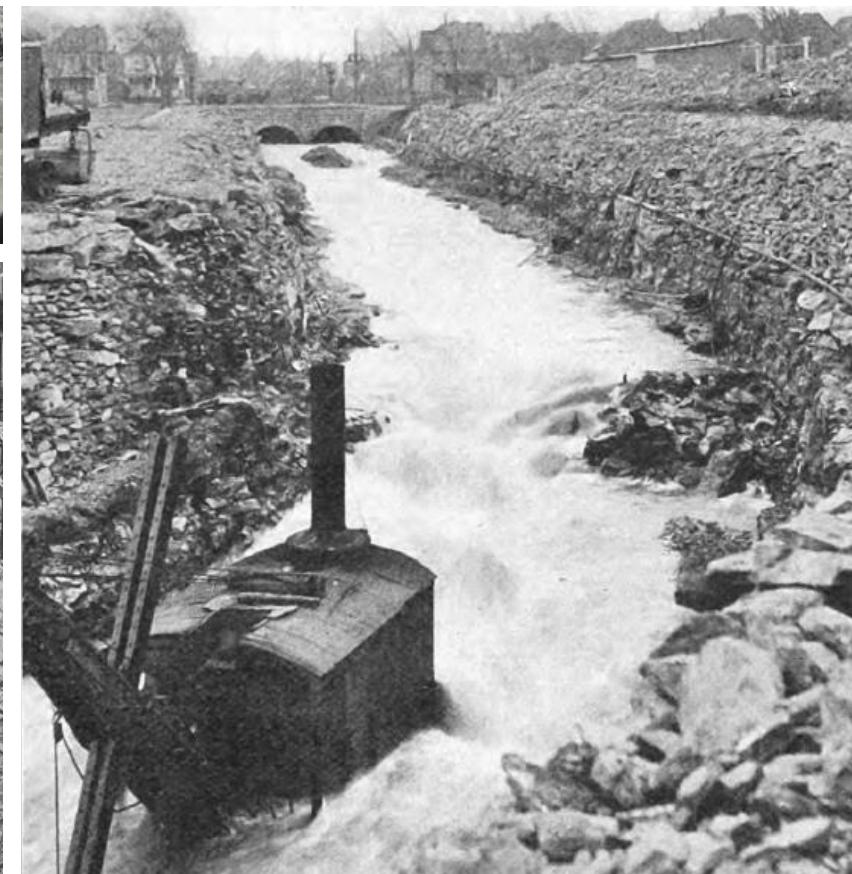
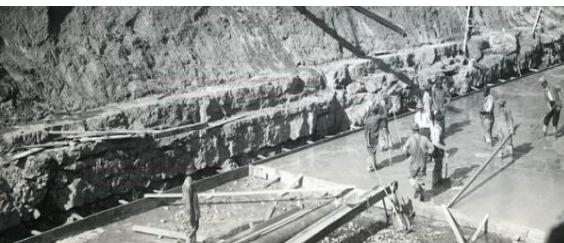
# A Brief History of Buffalo's Sewers (*Cont.*)

- George E. Waring, Jr. 1884
- Considered, but rejected
  - Sewer separation
  - Treatment Facility
- Swan
  - Main & Hamburg Canal and Wilkenson Slip: putrid
  - 90 Degree turn at Albany Street
  - Bird Island Pier, now the tip of Freedom Park



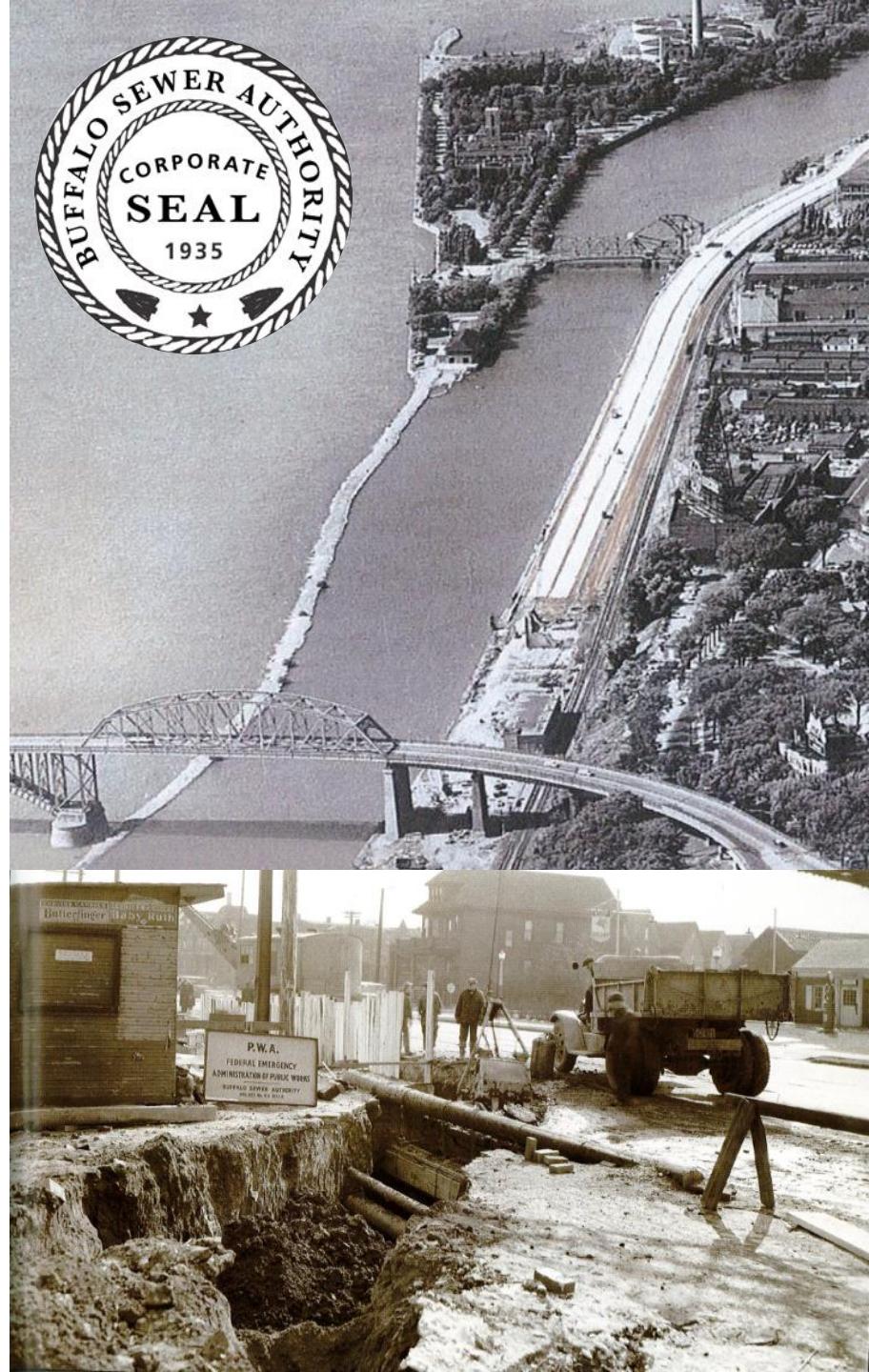
# 1900-1929: Burying of Waters

- Hamburg Drain
- Ohio Drain
- Scajaquada Creek to  
Scajaquada Drain 1925



# Buffalo Sewer Authority's Founding

- 1907 Canadian Report:
  - Niagara Falls, NY Typhoid Rate
  - 0.2% Population Dying Each Year
- International Joint Commission: January 11, 1909
- 1918 Report: 80% Niagara River Pollution from Buffalo
- NYS Dept. of Health Mandate: March 1935
  - Primary Sewage Treatment Plant
  - Interceptor Sewers
- Establishment of BSA: April 8, 1935
  - \$15 M Bonding Capacity (\$344 M 2024)





# 1941-1970: Storm Relief and Sprawl

## NYS Route 33

- Severed Bird-Ferry Trunk
- Stormwater added to system
- New pump station for stormwater and groundwater
- New trunk sewers constructed

## I-198

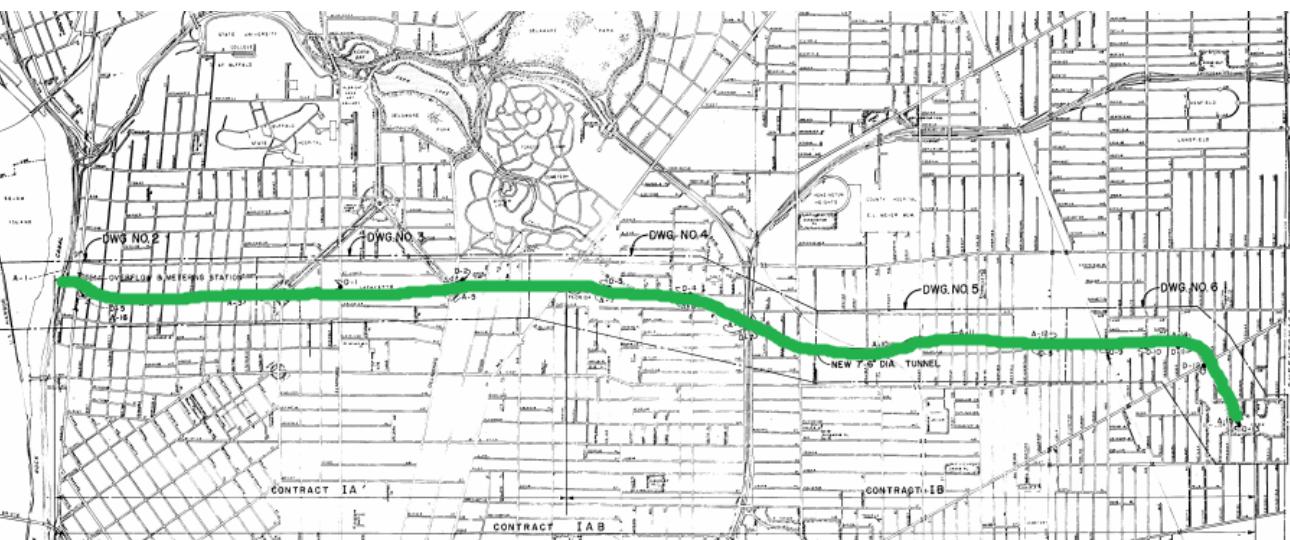
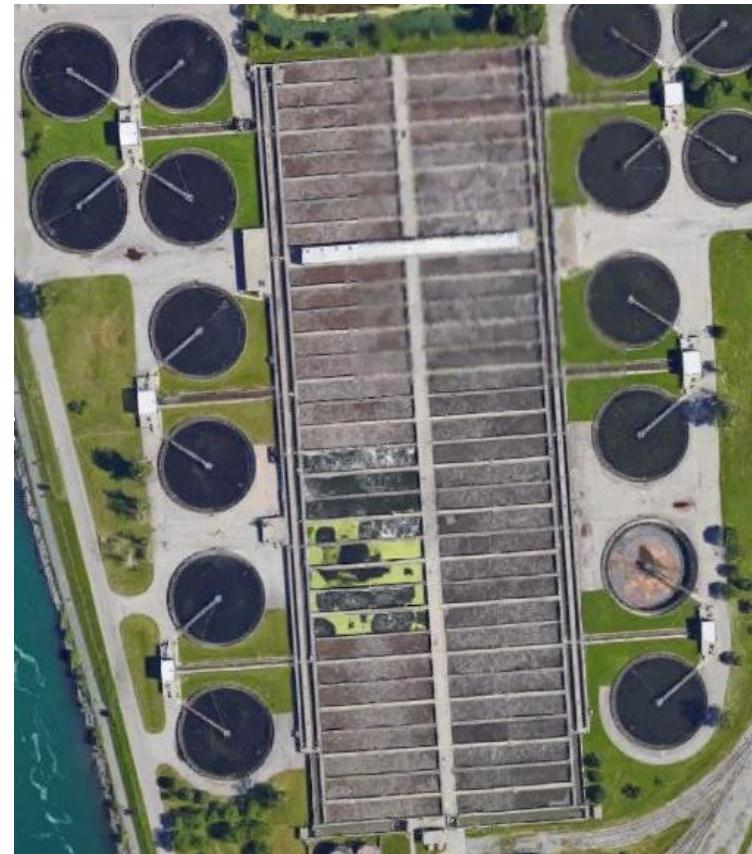
- New storm sewers
- Direct discharge to Scajaquada Creek

## I-190

- Old Erie Canal bed
- On top of:
  - Swan Trunk
  - Interceptors
  - Hamburg Drain

# Clean Water Act (1972)

- Scajaquada Tunnel
  - Diversion from Scajaquada Drain to Tunnel
  - Raising of Weirs
- Kelly Island Connection
- Secondary Treatment Process





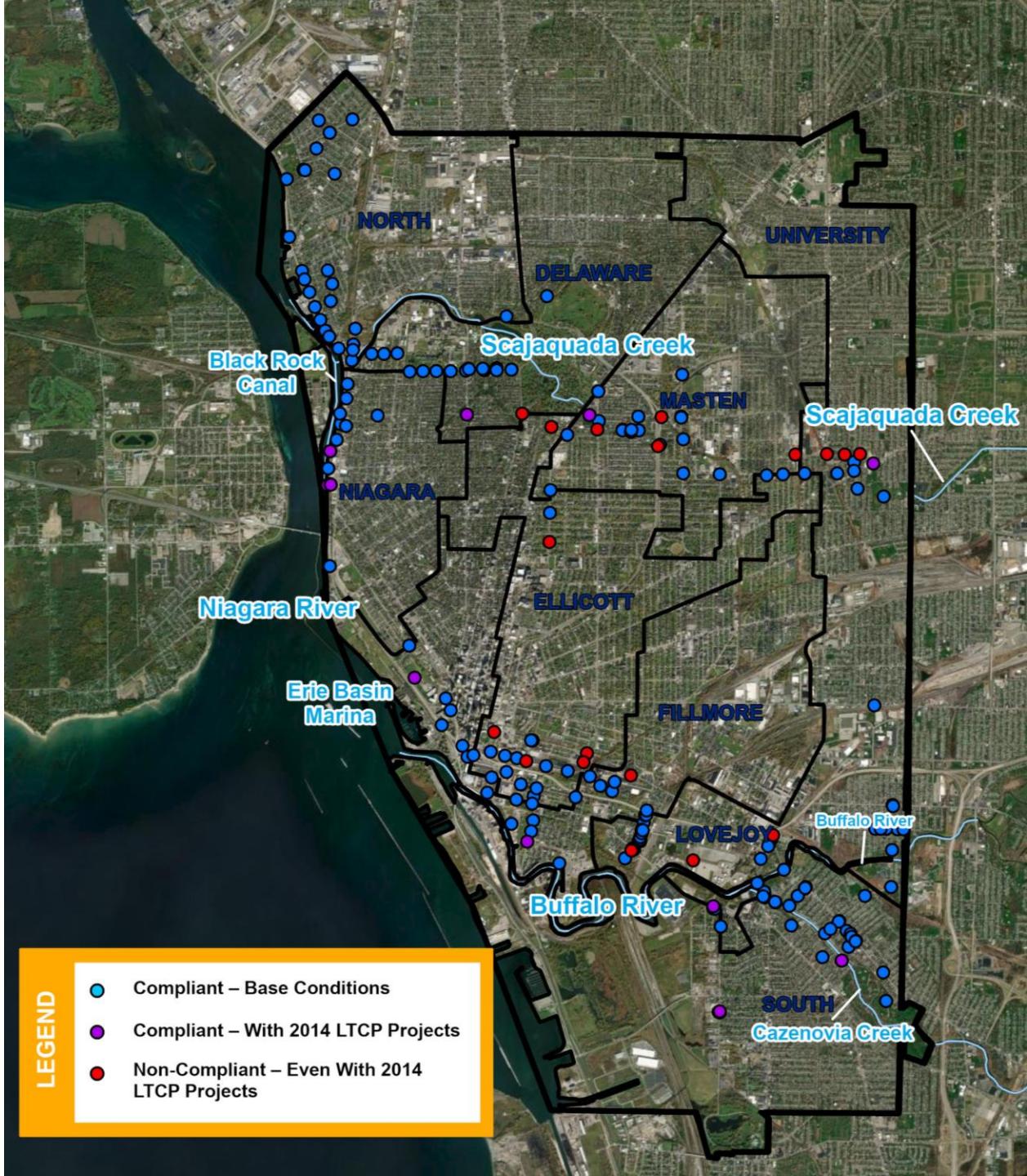
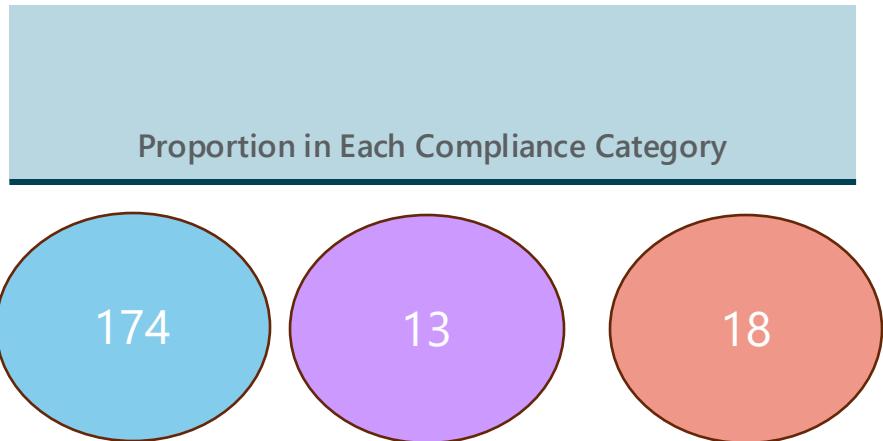
1994	2004	2007	2009	2012	2014	2022	2023
USEPA CSO Control Policy Issued (Required Development of LTCP)	Submitted Initial LTCP to New York State Department of Environmental Conservation (NYSDEC)	NYSDEC/USEPA Request Additional Evaluations	Negotiation of Consent Decree Begins	Submitted LTCP Update to USEPA/ NYSDEC (as directed by regulatory agency)	Final LTCP Report Submitted to USEPA/NYSDEC	Revised collection system model is approved	QCCW (51 proposed projects) submitted to NYSDEC

# Approved Recalibration Results

- Some Combined Sewer Overflows (CSOs) Already in Compliance (Some Projects Not Needed)
- LTCP Does Not Reach Compliance for Others!

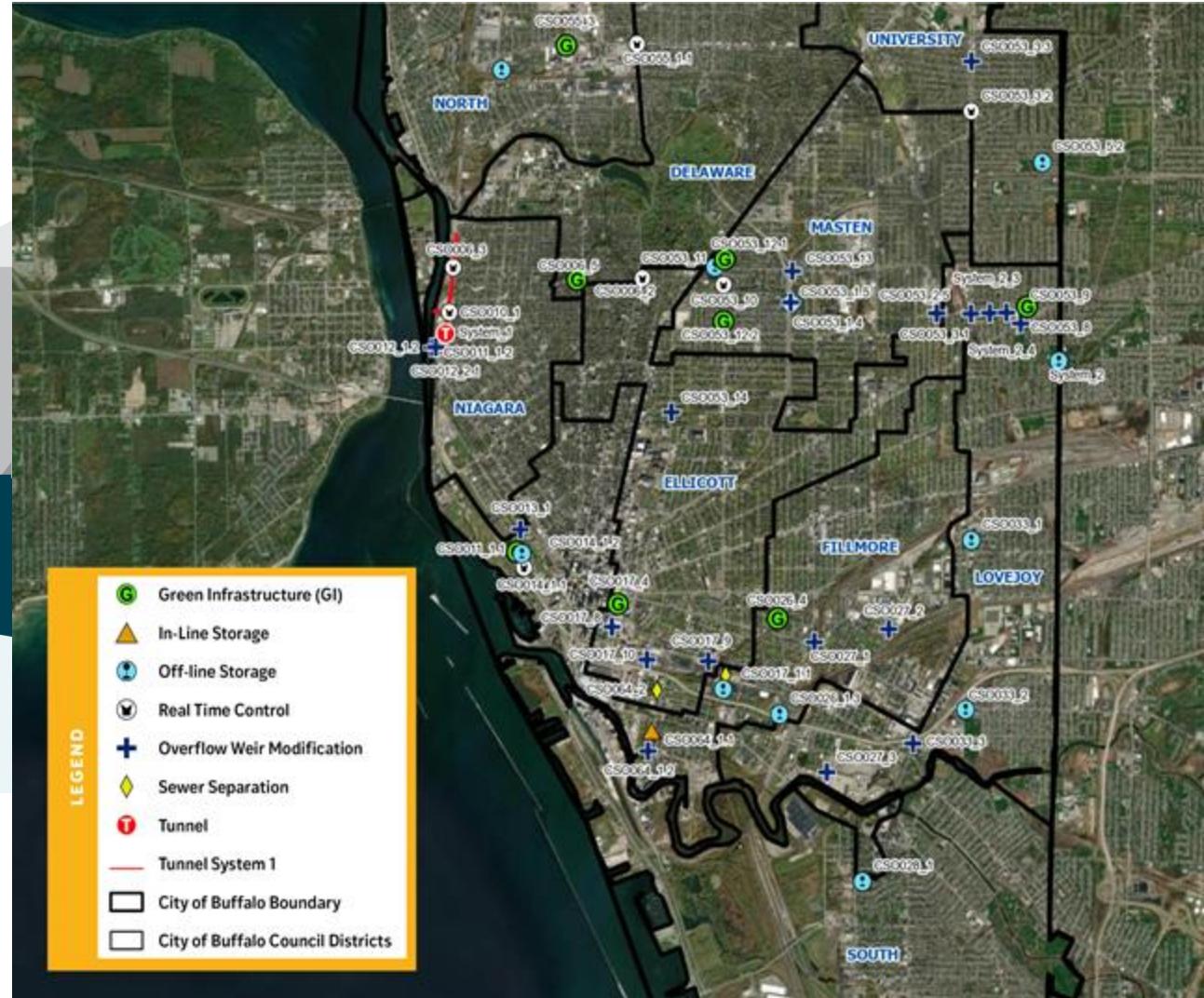
Waterbody	Activation Goals	Projected Activations
<b>Buffalo River</b>	6	15
<b>Niagara River</b>	9	14
<b>Scajaquada Creek</b>	4	19

# Sewer Patrol Points (SPP) Compliance



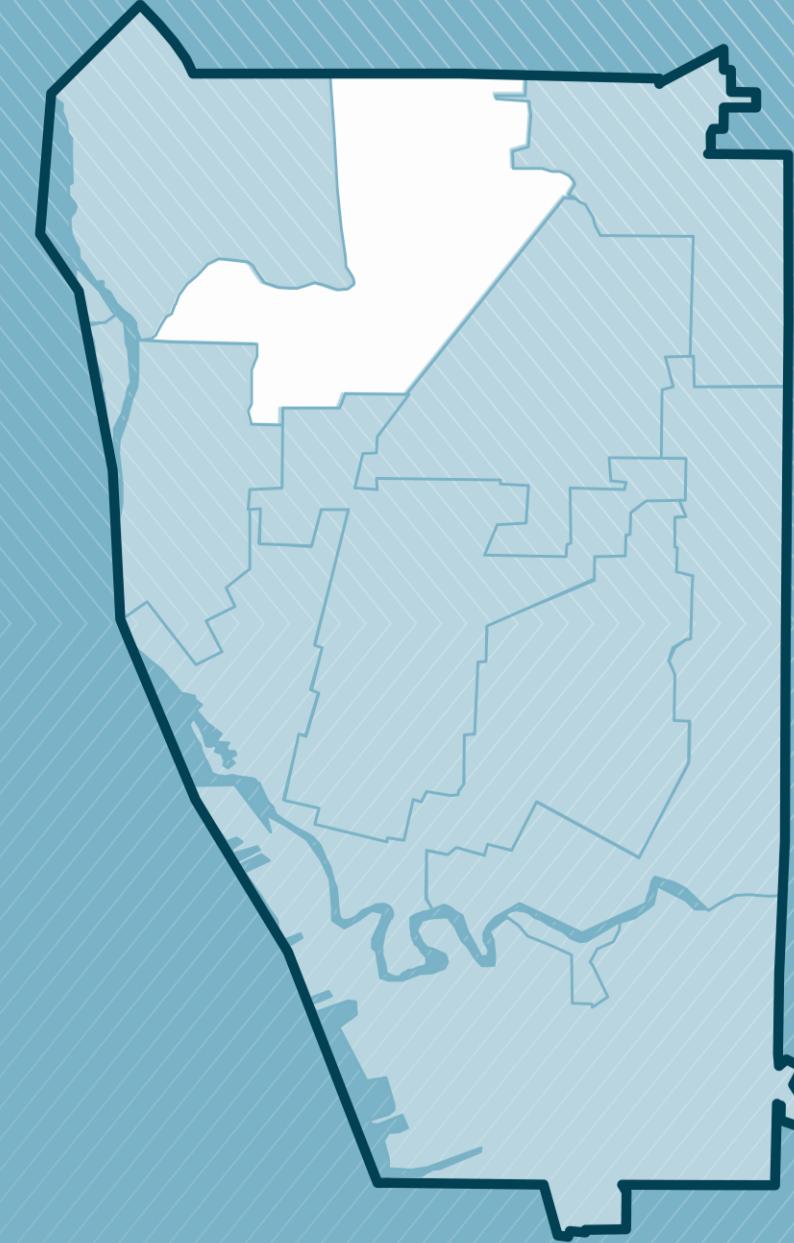
# Queen City Clean Waters

## PROGRAM OVERVIEW



# Delaware District

**Specific Projects**



# Hertel & Delaware

## HERTEL NORTH-EAST IN-LINE STORAGE (ILS)

### Project Description:

- Utilizes storage capacity on Hertel Avenue North
- Located upstream of the Hertel real-time control (RTC) structure
- The control strategy will start storage when wet weather is detected upstream

**Estimated Cost:** \$4,000,000

**Waterbody Impacted:** Niagara River

### TIMELINE ▼

📍 **Design Start Date**  
March 2034

March 2034

📍 **Required Construction Start Date**  
June 2037

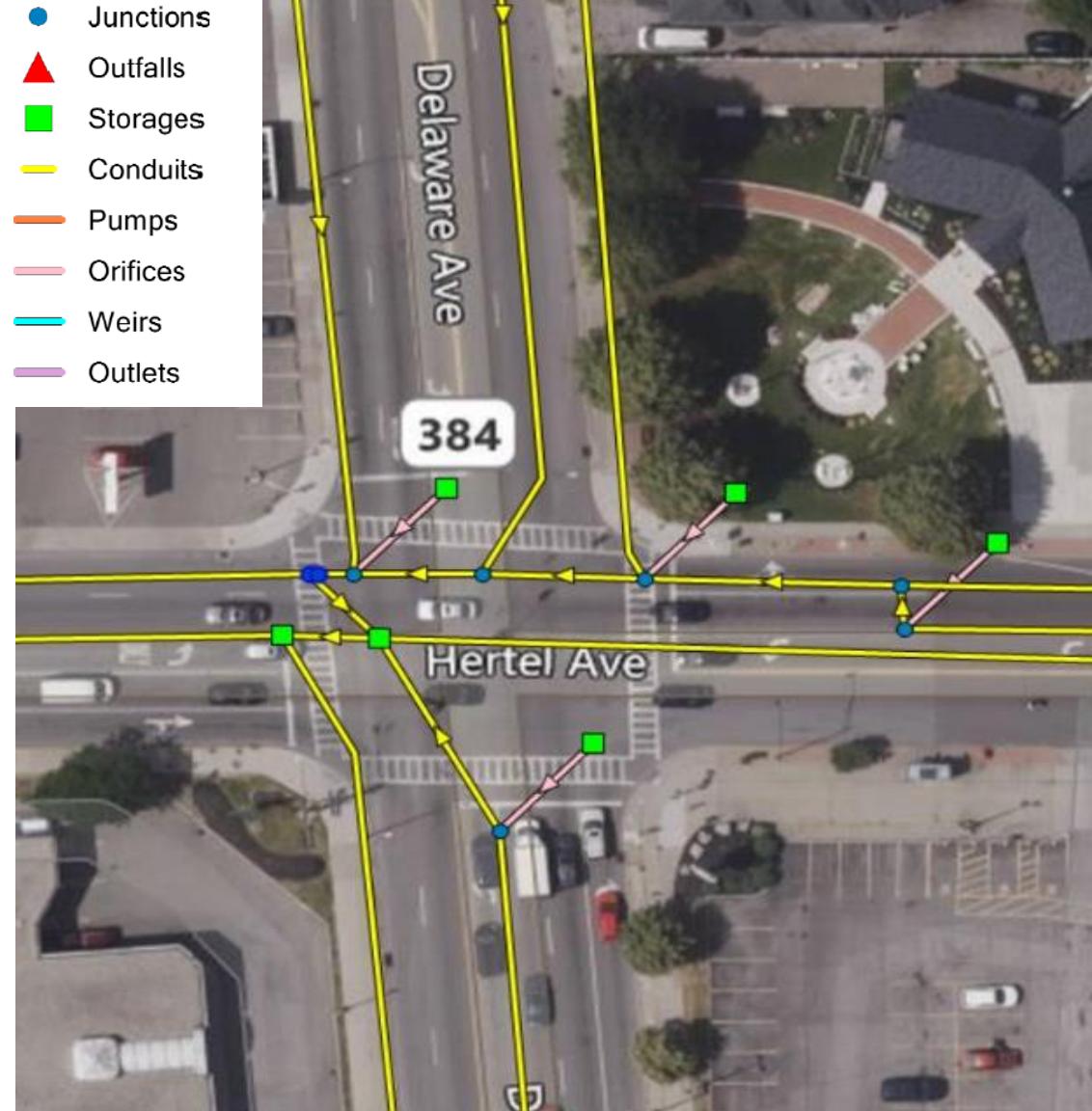
June 2037

December 2036

**Design Completion Date**

December 2040

**Required Construction End Date**



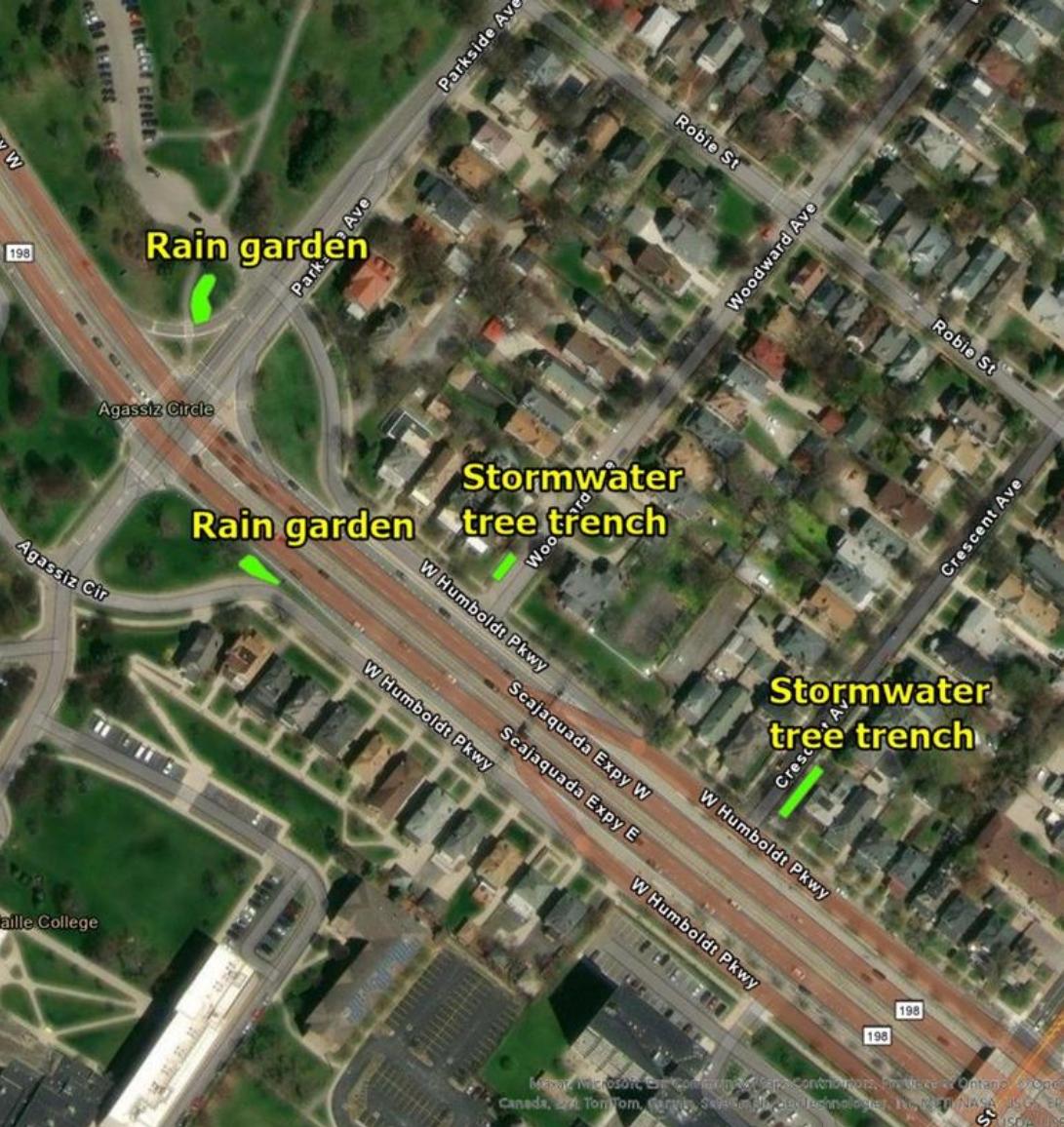
# BSA Green Stormwater Infrastructure Program: RAINCHECK

## Project Description:

- **500+ Green Stormwater Infrastructure (GSI) projects** in key Combined Sewer Overflow (CSO) areas
- **Goal:** Reduce stormwater entering the sewer system during wet weather to prevent overflows into waterways
- **Locations:** Sidewalks, parks, public schools, and Buffalo Municipal Housing Authority properties

**Estimated Cost: \$88,000,000**

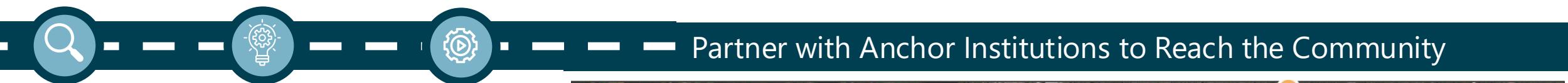
## Waterbodies Impacted: Scajaquada Creek and Buffalo River



Break / Q&A

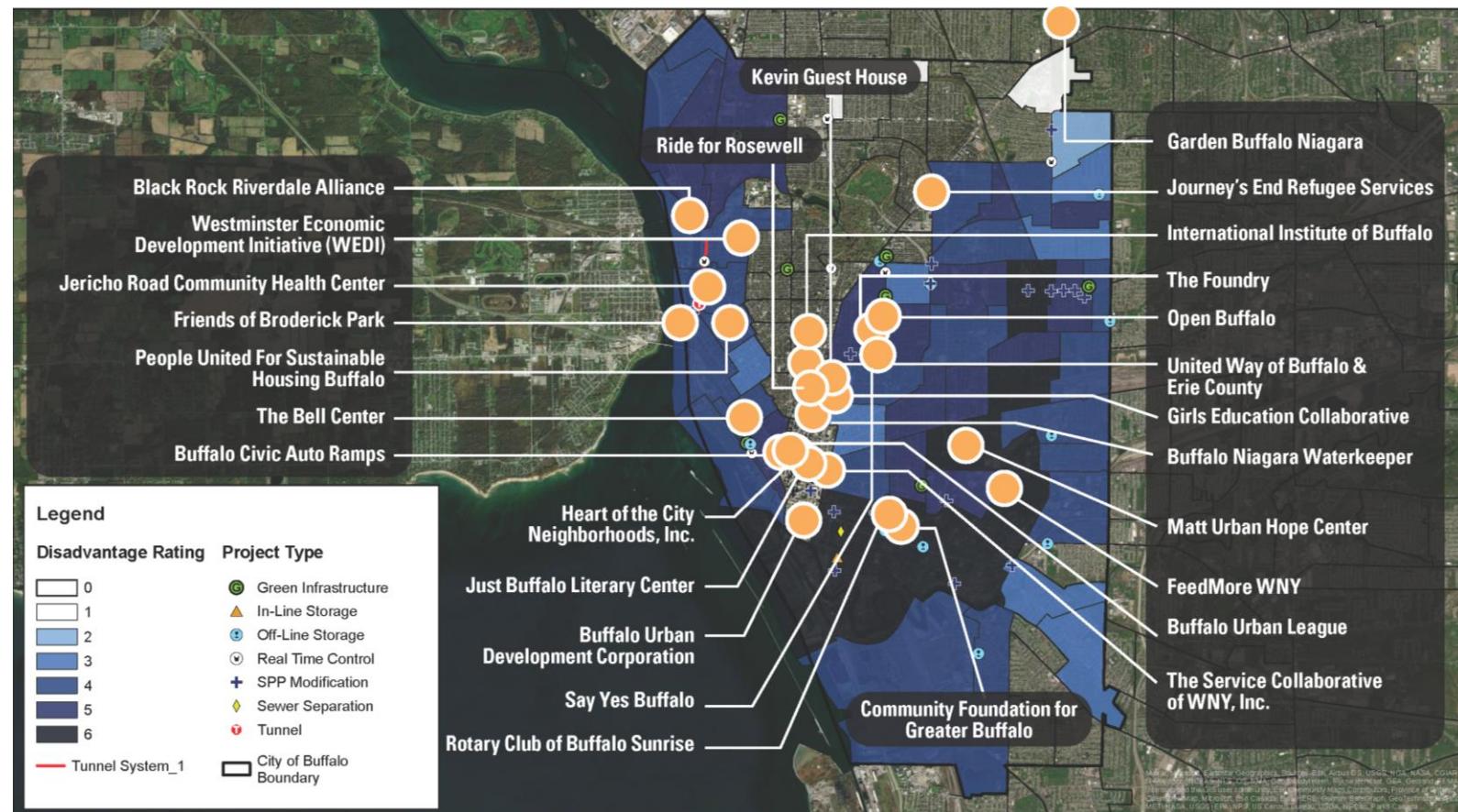
# Community Engagement & Stakeholder Outreach

# Program Management Impact: Equity Indicators + Desired Outcomes



Build a robust **Community Benefits Program** of community partnerships and **Stakeholder Advisory Committee** comprised of community leaders and residents

**Accountability + Transparency:**  
Indicators, representation, how are resources distributed and made available



# Stakeholder Advisory Committee (SAC)

The purpose of the Stakeholder Advisory Committee (SAC) for the Buffalo Sewer Authority's Queen City Clean Waters Initiative is to serve as a vital bridge between the project team and the diverse communities of Buffalo. The SAC ensures that community perspectives, concerns, and insights are actively incorporated into the initiative's planning, implementation, and evaluation.

## Organizations & Agencies Represented:

- Northland Workforce Training Center
- PUSH Buffalo
- Buffalo Urban League
- Board of Block Clubs
- NAACP
- Jericho Road
- Local Initiatives Support Corporation (LISC)
- Buffalo Niagara Waterkeeper
- City of Buffalo Office of Strategic Planning (OSP)
- Buffalo Center for Health Equity





Buffalo Sewer wants to ensure construction and professional services contracts deliver a positive economic, environmental, and social impacts for residents.

Companies working with Buffalo Sewer are encouraged to support Buffalo nonprofits through volunteerism or financial contributions to defined community partners. The program will be included in contract terms and compliance monitoring to ensure effective participation.

**COMMUNITY PARTNERSHIP PROGRAM**  
**Coming in 2025**

# ► BSA's Commitment to the Inclusion of DBE/MWBE Firms

## **PURPOSE**

- Create economic opportunity for Disadvantaged/Minority/ Women – Owned Business Enterprise (D/MBE/WBE) firms, including firms who are new to working with BSA and/or the City of Buffalo
- Promote meaningful teaming arrangements, mentorship, and partnership between established, experienced firms and new and/or smaller firms



# Opportunities to Stay Engaged

# New! Queen City Clean Waters Interactive Website

**BUFFALOQCCW.ORG**

## Join Our Virtual Community!

Join the Queen City Clean Waters Interactive Website! Explore, learn, and take action to protect our local waterways. Get involved today and make a difference!



## FAQs

- Why is Buffalo Sewer doing these projects?**
  - Are there any community meetings or updates planned to keep the residents informed about the progress of the construction?
  - What can I expect during construction?
  - How will construction affect traffic in the area?
  - How will the construction impact local businesses and services?
  - Will there be changes to parking or public transportation during construction?
  - How is this project being funded?
  - What can I expect during construction?

## About The Initiative

The Queen City Clean Waters Initiative will reduce overflows from the City's sewers by helping flow reach the Bird Island Wastewater Treatment Facility during wet weather, instead of entering Buffalo's creeks and river. Implementing this initiative, which includes 50+ sites in total, will cost approximately \$1B over the next 15 years including \$250M in treatment facility upgrades.

[+ Vision](#)

[+ Mission](#)



### Take Our Survey

Your feedback will help shape cleaner, resilient, and equitable solutions for Buffalo!

[Start Now >](#)



### We need your input!

What do you think would work best to improve our Storm Water System? (Green Infrastructure, Community Initiatives, Placemaking, etc).

[Share Now >](#)



### Join Our Social Map

Discover, learn, and comment on sewer improvement projects in your neighborhood

[Join Now >](#)

**BUFFALO SEWER AUTHORITY**

**QUEEN CITY CLEAN WATERS**

**Interactive Map**

**Construction Timeline: June 2026 - December 2027**

## Description:

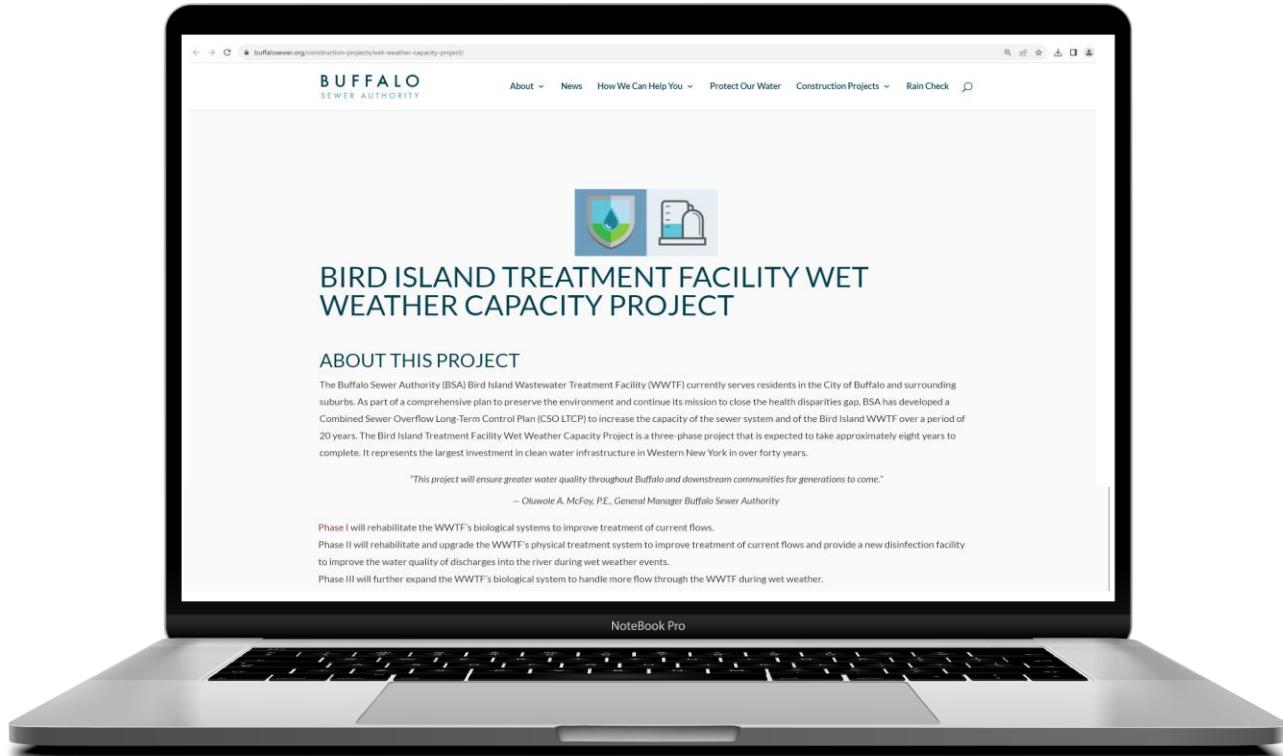
-A new chamber and drop shaft connection to the Scajaquada Tunnel will be built

[Read more >](#)

**SPP Modification**



# Buffalo Sewer Authority Website



Your **BEST** source of information!

- ✓ Consultant, Contractor, and Supplier Opportunities
- ✓ Construction Updates
- ✓ FAQs
- ✓ Board Meeting Minutes
- ✓ Public Participation Plans

# Thank you!

**GET IN TOUCH:**

