

October 25th 2023

## OFFICE ANNOUNCEMENTS

**Welcome** from the Office of Council Member Kevin C. Riley. We are excited to have you join us this evening.

If you have any **questions**, we encourage you to please write them down on the provided post-cards so we can share them during the Q&A at the end of the presentation.

If you need **assistance**, please check in with a Team Riley staff member so we can assist you.

Thank you.

*Team Riley*

St. Luke's  
Episcopal  
Church

October 25th 2023



# STORM RESILIENCY

*A Community Conversation*



# WELCOME TO OUR COMMUNITY CONVERSATION ON STORM RESILIENCY

- Introduction to Community Conversations
- Rundown of Tonight's Event
- Speakers' Introductions





# TONIGHT'S EVENTS

*Our Topics of Discussion*

**Welcome!**  
*Introductions*



**Green Infrastructure  
Study & Planning**

*Department of Design & Construction (DDC)*  
**Maria Centeno**



**The Bronx River Parkway  
Storm Planning & Work**

*NYS Department of Transportation*  
**John Wong**



**Participatory Budgeting  
Idea Collection**  
*(Interactive)*



**Flood Barrier  
Distribution**  
*By DEP*  
*(Interactive)*



**Flooding Issues in  
the Community**  
*District 12 NYC Council*  
**Kevin C. Riley**



**Flood Prevention  
& Home Protection**

*Department of Environmental Protection (DEP)*  
**Eleftheria Ardizzone**



**Legislative Update**  
*District 12 Legislative Team*



**Q&A**  
*Please ask away!*  
*(Interactive)*







New York City Council

# KEVIN C. RILEY

***COUNCIL MEMBER FOR DISTRICT 12***

On Flooding Issues in Our Community



# REGIONAL CONTEXT

*Much of the Northeast Bronx was developed over a series of waterways;  
from creeks to rivers.*

*We know our local parks such as “Seton **Falls** Park” “Givans **Creek** Woods”  
“Pelham **Bay** Park” and our Parkway Systems the “Bronx **River** Parkway” and  
“Hutchinson **River** Parkway” and we get clues in some of our streets such as  
Reeds **Mill** Lane, named after a tidal mill that once stood in the Eastchester  
Creek, and **Bay**chester, both a street and neighborhood named by the land  
auctioneers in the late 1800s to entice the purchasing of estates in the region.*

*In the Next Slides, you will get to see many of our local neighborhoods as they  
once stood, with modern street names and landmarks superimposed over.*

*Many of these areas experienced increased flooding to this day,  
due to the natural geography.*



# ADVOCACY



After our neighbors on **Barnes Avenue** were flooded out twice in the Summer of 2021, we started discussions with the City about the maintenance and capacity of the **catch basins** along the corridor. In December, our office was invited to the homes and church of impacted residents, alongside NY City News Service, to discuss the **gravity** of this issue, provide an **update** of our work at the time, and the **infrastructural hurdles** often involved.



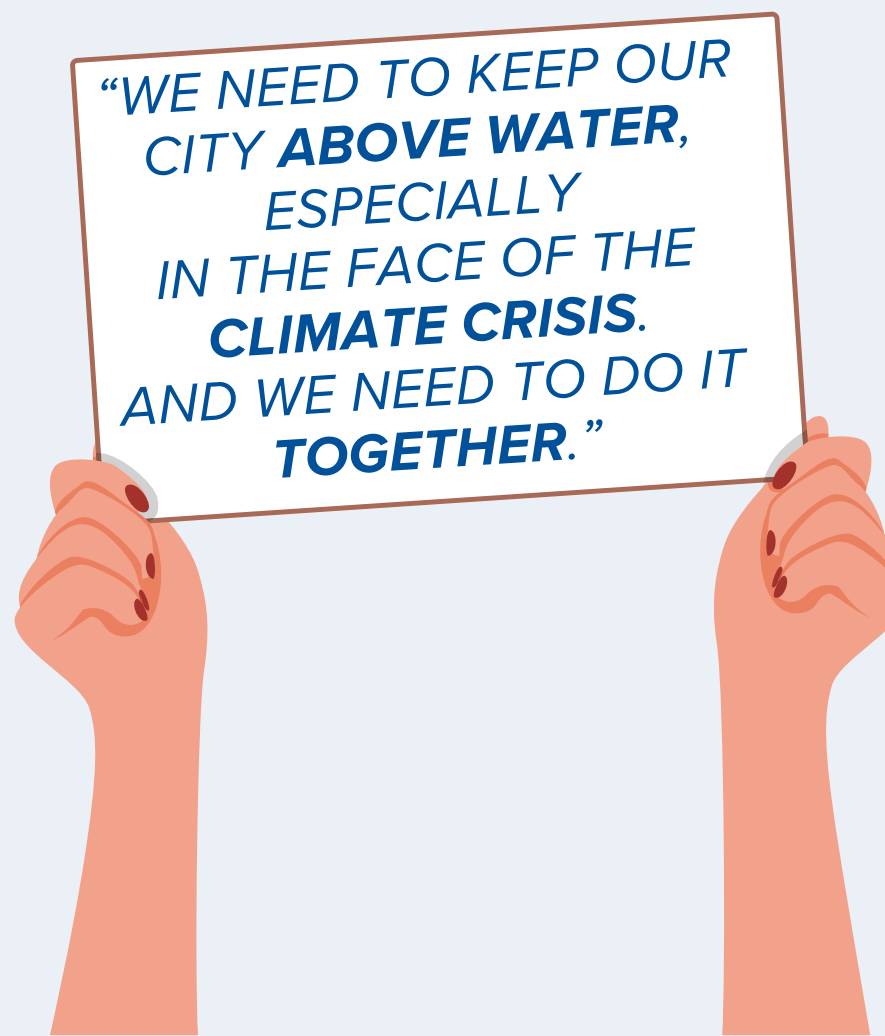
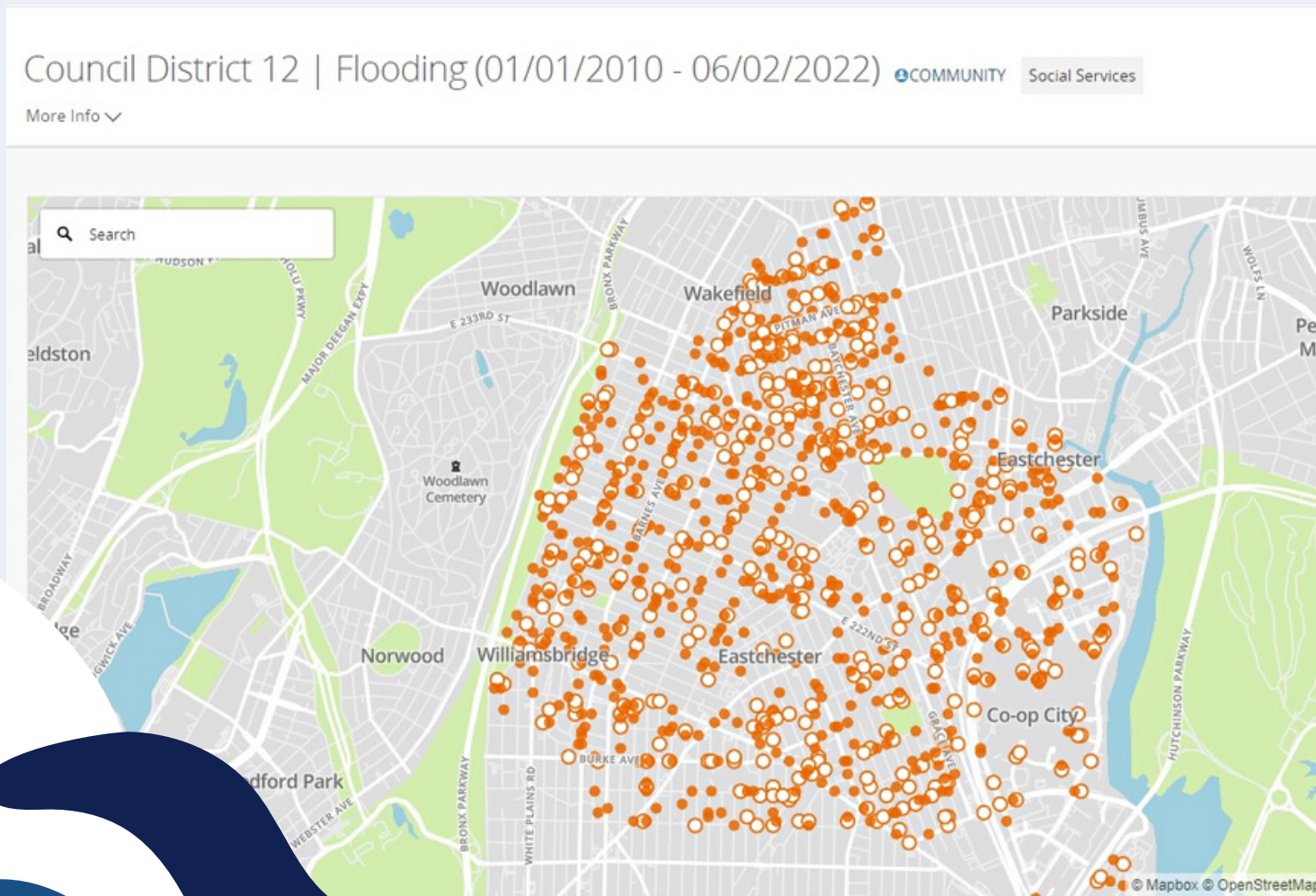
*From “**One Flood Too Many**” by Laura Bratton, NY City News Service | Dec 21, 2021*

Throughout this time, our office **communicated extensively with agencies** and tried to check on our neighbors wherever possible. You yourself may have received a call or email like this. If you have ever opened a case with our office regarding flooding and for reason you are not receiving these correspondences after storms, **please let us know** to ensure your contact information is up to date & correct.



# ADVOCACY

With the complexity of the issue at hand, requiring multi-agency involvement, our office issued a **public letter to city officials** in the Summer of 2022 reflecting that **change is necessary** and we must address infrastructural needs in the community.



CHAIR  
SUBCOMMITTEE ON ZONING  
AND FRANCHISES

COMMITTEES

LAND USE  
YOUTH SERVICES  
FIRE AND EMERGENCY MANAGEMENT  
WOMEN AND GENDER  
GENERAL WELFARE  
ECONOMIC DEVELOPMENT



THE COUNCIL OF  
THE CITY OF NEW YORK

KEVIN C. RILEY  
COUNCIL MEMBER  
12<sup>TH</sup> DISTRICT, BRONX

DISTRICT OFFICE:  
940 EAST GUN HILL ROAD  
BRONX, NY 10469  
TEL: (718) 684-5589

CO-OP CITY DISTRICT OFFICE  
135 EINSTEIN LOOP  
BRONX, NY 10475  
TEL: (347) 326-8652

CITY HALL OFFICE:  
250 BROADWAY, ROOM 1770  
NEW YORK, NY 10007  
TEL: (212) 788-6873  
KRiley@council.nyc.gov

June 27, 2022

Meera Joshi, Deputy Mayor of Operations  
Kizzy Charles-Guzman, Executive Director, Mayor's Office of Climate & Environmental Justice (MOCEJ)  
Rohit T. Aggarwala, Commissioner, New York City Department of Environmental Protection (DEP)  
Ydanis Rodríguez, Commissioner, New York City Department of Transportation (DOT)  
Jessica Tisch, Commissioner, New York City Department of Sanitation (DSNY)

Dear Colleagues,

It is with my deepest regard that I present this letter seeking urgent collaboration to create a comprehensive solution that addresses the sewage infrastructure within particular areas in my district, which has continued to cause recurrent flooding during frequent and heavy precipitation. While previous communication has been met to discuss this issue, there has not been much result in maintaining the health and safety of the community. I am urging immediate action that calls for us to work collaboratively in finding both short-term and sustainable means to improve the quality of life for our constituents and my neighbors.

Another storm, another flood. Another failure of our infrastructure. Where do we draw the line?

Our constituents do their part, time after time again – they report to 311, more often than not to no avail. Agency to agency passing the buck. The road isn't level so water doesn't flow to the catch basin. There's debris on top of the basin grates. Or maybe the basin is working as designed but it's been neglected for so long that sediment flows in and settles as a blockage, and plants start to grow from under the grate. While a striking symbol of the resiliency of nature, it's wholly unsustainable to live with.

Constituents should not have to beg and plead with my office to have their concerns heard, especially when they are trying to do everything right. Representatives from these agencies have met with our constituents as well – who try their best to support these residency efforts. And painstakingly often, nothing changes on the grander scale. During the flash flooding on Thursday, June 2nd, we had constituents call from the Bruner Avenue block, which sits against the Nereid Ave train yard. Their homes were flooding again. They could see which catch basin was failing. As it would turn out, there's a report from 2011[1] about that same location. When Hurricanes Elsa and Ida hit, residents on Barnes Ave pled for change[2]. Again, there's reports from 2018[3] and 2019[4] about that same location as well as 2010[5] and 2016[6] just up the block. Yesterday, it started to flood again. Spot treatments happen thanks to the advocacy of these representatives and constituents, but we seem to find ourselves scrambling, rather than acting effectively – especially when there's science available. We have topography maps, which give us clues to where problems arise, and as we see – do arise. We have NYCOpenData, where anyone in the world can see these failures – and they should. We should not shy away from these difficult conversations. Between 2021 and now, ~231[7] instances of clogged catch basins and street flooding in my district. Since the city started tracking this data in 2010, ~1,981[8]. Citywide, ~131,492[9]. These were calculated from just two descriptor values, “Catch Basin Clogged/Flooding” and “Street Flooding” – there's certainly more misidentified or incompletely tagged. You could make the argument that some are duplicates, or some well-intentioned but erroneously reported, but even with a margin of error, I'd like to think we can all agree that this is rather obscene.

So where does the buck stop?

I am asking you to take the concerns of our constituents seriously, and those of my peers as well – because this clearly is not an isolated issue. We need to keep our city above water, especially in the face of the climate crisis. And we need to do it together. We have the information we need to figure this out. Our constituents are calling for regular inspections of our catch basins; quarterly, and for routine system maintenance, namely done prior to hurricane season. We must design our streets effectively and ensure whether directly performed by city workers or contracted to a vendor that street grading is done appropriately so our system drains properly. And that we ensure the cleanliness of our streets, so that debris does not make its way into the sewer system. Furthermore, I echo our constituents' calls for a Stormwater Study & Resiliency Plan in the Northeast Bronx.

Together, we can weather this storm while strengthening our partnerships that the community can continue to trust and rely on. I anticipate the opportunity for setting up a joint meeting with all Commissioners to organize and implement a concrete plan that upgrades and preserves our gutters and sewer systems. With your partnership, we can provide proactive solutions that combats the flooding issues and protects our resilient neighborhoods.

Sincerely,

*K. Riley*  
Kevin C. Riley  
Council Member, 12th District  
New York City Council



# ADVOCACY



In Fall of 2022, Council Member Riley's office, alongside the Mayor's Community Affairs Unit, and the Department of Environmental Protection, re-evaluated the catch basins and were able to dredge up litter and refuse that had accumulated deep within the catch basin and allow the basins to have an easier time. With the volume of rainfall increasing due to climate change, we recommit to advocating for infrastructural improvements in the Northeast Bronx.

The advocacy does **NOT** stop, and will **NOT** stop there. We continue to **call for investment into our neighborhoods** and for services to be accessible to those who need it most.





# COMMUNITY DISTRIBUTIONS

Since taking office in 2021, our office in collaboration with the Department of Environmental Protection (DEP) and community partners, such as Bronx community board 12, the Northeast Bronx YMCA, & Assembly Speaker Carl Heastie have distributed...



450 Rain Barrels



200 Flood Barriers



+ 100 new barriers this month to distribute





# MARIA CENTENO

***DIRECTOR, OFFICE OF COMMUNITY  
OUTREACH + NOTIFICATION***

**New York City Department of  
Design & Construction**



The NYC Department of Design & Construction is the City's primary capital construction project manager. We design, construct, and manage many of the new or renovated civic facilities and improve vital, quality infrastructure that New Yorkers use every day.

Working closely with over 20+ city sponsor agencies, the DDC executes their vision and investment of capital construction projects in all five boroughs that are essential for a healthy, resilient city.

## INFRASTRUCTURE (\*DEP; DOT; DPR)

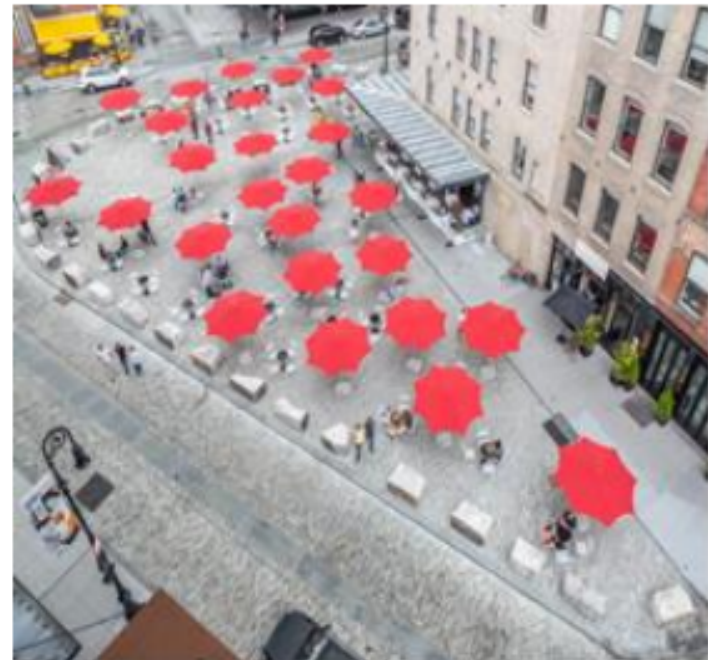
- \* Water Mains, Sewers, Chambers and Catch Basins
- Sidewalks; Curbs; Roadways; Street lights, markings and signage.
- Open Space Plazas; Trees/ Landscaping
- Ped. Bridges; Step Streets Retaining Walls
- Streetscape and Safety Improvements
- School Safety/Safe Routes - Vision Zero
- ADA Pedestrian Ramps Program
- \* Coastal Resiliency Program
- \* Green Infrastructure Program
- \* SEQ Initiative
- Acquisitions & limited Design Build

## PUBLIC BUILDINGS (20+ Agencies. No Schools & Hsg)

### Built New or Renovate Structures

- NYC Libraries (Man. Bronx. S.I.)
- Queens & Brooklyn Libraries
- Museums
- Recreational/Cultural Senior Centers
- Firehouses
- Police Precincts
- Sanitation; Health and Human Services Facilities (COVID Centers & Asylum Shelters)
- Borough Based-Jails Program
- Design Build Program







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## COMMUNITY OUTREACH

**DCC's Office of Community Outreach + Notification (OCON)**, works with Community Boards, Business Improvement Districts, local businesses and other community stakeholders impacted by construction.

### **Community Construction Liaison (CCL)**

DDC will assigned a dedicated on-site Community Construction Liaison (CCL) for this project.

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## COMMUNITY OUTREACH (continued)

### **CCL responsibilities are as follows:**

- First point of contact, maintain on-site presence and communication.
- Identify, resolve and/or proactively address issues and inquiries.
- Distribute advisory updates/weekly construction activities newsletter.
- Provide 72-hour and 24-hour (confirmation or cancellation) advisories for work impacts by email and door to door.
- Attend Community Board monthly DSC meetings to provide regular updates.





# SAMPLE COMMUNICATIONS

## PROJECT INFORMATION CARD

Department of Design and Construction  
Office of Community Outreach and Notification  
Project Information Card  
Queens

**Sewer Upgrades on 42nd Avenue Between 204th Street and Clearview Expressway**

**Project Contact:**  
Community Construction Liaison  
Lisa Amico  
718-622-7367  
l.amico@ddc.nyc.gov

**Field Office Address:**  
46-38 204th Street  
Flushing, NY 11368

**During non-working hours** please call 311 and provide the Project ID: 15-034030R

**Project Information:**  
The purpose of the project is to mitigate flooding by installing new storm sewers and catch basins. Our work also includes the replacement of existing manholes. The project's designated work area is on 204th Street between the Dead End and 42nd Avenue, and 42nd Avenue between 204th Street and Clearview Expressway.

**General Contractor:**  
Mazeth Supply Co., LLC

**P.E. Firm:**  
St. Engineering, P.C.

**Management Agency:**  
NYC Department of Design and Construction

**Sponsor Agency:**  
NYC Department of Environmental Protection

**Intent/Scope:**  
We are upgrading infrastructure to ensure the delivery of necessary services.

**Schedule:**  
Spring 2018 - Summer 2019

**Work Hours:**  
Typical work hours will be Monday-Friday, 7:00 to 4:00

**Construction Cost:**  
\$2,870,046.79

## ADVISORY

Department of Design and Construction  
Office of Community Outreach & Notification

**COMMUNITY ADVISORY**

**INSTALLATION OF DISTRIBUTION WATER MAINS AND APPURTENANCES ALONG SOUTHERN BOULEVARD**  
PROJECT ID: 15-03553 BOROUGHS: The Bronx DATE: July 13, 2018

**NO CURBSIDE PARKING**  
**On Southern Boulevard (west side) between Jennings Street and Louis Nine Boulevard**  
**Monday, 07/16/18 - Friday, 08/31/18**  
**7-days a week 24-hours a day (including weekends)**

Please be advised that beginning on/around Monday, July 16, 2018 through Friday, August 31, 2018 (weather and/or field conditions permitting), there will be "No Curbside-Parking" on Southern Boulevard (west side) between Jennings Street and Louis Nine Boulevard due to the anticipated excavation and installation of the 48" Trunk Main.

**Traffic/Community Impacts:**

- "No Curbside Parking" restrictions will be in effect 7-days a week 24-hours a day (including weekends). "No Parking" signs will be posted by the contractor throughout the affected area.
- To avoid possible towing of your vehicle, please make note of the signs posted by the contractor throughout the affected area.
- Contact the CCL, Serge Quinones, or the 42nd Precinct for the towing or relocation fee.
- Emergency vehicles and pedestrian access will be maintained at all times.
- Driveway access will be maintained at all times.
- Gas, electric, telephone, and cable service will not be interrupted.

**PLEASE NOTE:** Due to unforeseen conditions (weather and/or field conditions permitting) it may become necessary to change some scheduled work locations and operations.

If you have any questions, concerns, or would like to be added to the electronic Neighborhood Notification Network (N3N) list, please contact the Community Construction Liaison (CCL), Serge Quinones at 718-622-0673, or by email at [squinones@ddc.nyc.gov](mailto:squinones@ddc.nyc.gov).

**Bill de Blasio**  
Mayor

**Jan Shah**  
Acting Commissioner

[www.nyc.gov/ddc](http://www.nyc.gov/ddc)

## NEWSLETTERS

Reconstruction Newsletter  
Brooklyn  
Third Quarter 2018  
Department of Design and Construction  
NYC

**Installation of High Level Storm Sewer, Sanitary Sewer, Water Main**

**Brooklyn, Fresh Creek Basin Area**  
Project SE55/ Phase 2B

The NYC Department of Design and Construction (NYC DDC) is managing the High Level Storm Sewer, Sanitary Sewer, and Water Main Replacement Phase 2B Project (SE55) in the Fresh Creek area of Brooklyn. This \$50.5M capital improvement project commenced in Fall 2017 and will take place in Community Board #13 in Brooklyn.

The scope of work includes the installation of new high level storm sewers, replacement of sanitary, storm and combined sewers, replacement of water mains, catch basins, manholes, hydrants and shutters. Work is posted by DDC/DOCM Weekdays, 7:00 a.m. to 6:00 p.m. and anticipated project completion is Fall 2018.

This project will upgrade NYC infrastructure for generations to come by increasing the capacity of combined sewer overflow to reduce flooding. The replacement of water mains will also improve the distribution of water throughout the City and ensure the reliability of the water delivery system and help to prevent possible future water main breakages. We will also add hydrants. Project work also includes additional catch basins, curbs, sidewalks, manholes, roadway re-surfacing, as needed and tree planting. Each phase of work on this project is an important component that will ensure continued uninterrupted future services and better quality of life for all who live, work, and play in the community.

**High Level Storm Sewers (HLSS) are one strategy for alleviating problems on the combined sewer system and limiting CSO events. HLSS are designed to capture 50% of the rainfall, before it enters our pipes, and divert it directly into the waterways through permitted outfalls, reducing the volume of flows that pass through the treatment plants and the combined sewer system. In addition, they eliminate street flooding in problematic areas. But we cannot simply install these separate pipes at every site. Since they require a separate pipe and outlet to a waterway, this strategy is only cost-effective for developments near the water's edge.**

**Anticipated Work Schedule - Summer 2018**

- Install 10' & 24" Combined Sewer on E. 103rd Street from Furgall Road to Sterling Avenue
- Install 10' & 24" Combined Sewer on Sterling Avenue from E. 103rd Street to Williams Ave
- Continue installation of Storm Sewer work on Diamond Road from E. 103rd Street to E. 107th Street
- Install 12" & 24" Water Main on Sterling Avenue from E. 103rd Street to Williams Avenue
- C/A Fire Load Test - East 102nd Street

**Work Performed to Date:**

- Installed 24", 10' & 12" Combined Sewer on E. 104th Street from Diamond Road to Furgall Road
- Installed 10' & 24" Combined Sewer on E. 105th Street from Diamond Road to Turnpike Ave (BMT E. 105th Street METX Subway Station)
- Installed 12" Combined Sewer on E. 102nd Street from Platforms Avenue to Diamond Road
- Installed 10' & 24" Combined Sewer on E. 103rd Street from Diamond Road to Furgall Road
- Installed new 42" Combined Sewer on Diamond Road from E. 108th Street to E. 110th Street
- Installed new 12" Water Main from Diamond Road from E. 102nd Street to E. 102nd Street
- Installed new 12" Water Main and Service Connections on E. 102nd Street from Diamond Road to Furgall Avenue

So far, about 80% of excavation and installation of the precast water main and 20% combined sewer has been completed. The contractor has begun the installation of the High Level Storm Sewer work on Diamond Road between E. 108th Street to E. 107th Street, which will continue through Fall 2018.

**Project Map**

**Water Service Interruptions**  
During the course of the project there will be service interruptions. To allow water replacement, the existing water service must be shut off by closing the valves at either end of the section. Advance notice will be given for all planned interruptions. Water service will be restored at the end of the work day.

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**Bill de Blasio**  
Mayor

**Lorraine Giblin**  
Acting Commissioner

[www.nyc.gov/ddc](http://www.nyc.gov/ddc)

**DDC News**  
[www.nyc.gov/ddc](http://www.nyc.gov/ddc)

**DDC Video**  
[www.nyc.gov/video](http://www.nyc.gov/video)

## LOOK AHEAD WEEKLY BULLETIN

Department of Design and Construction  
Office of Community Outreach & Notification

**WEEKLY CONSTRUCTION BULLETIN**  
08/06/18 - 08/10/18

Distribute Water Main Extension and Replacement PROJECT R-162425 BOROUGHS: MANHATTAN DATE DATED: 08/06/18

The following is an anticipated work schedule for the upcoming week. However, due to unforeseen field and weather conditions, it may become necessary to change some scheduled work locations, operations and dates.

DATE	WORK AREA	LOCATION	OPERATION
08/06/18 - 08/07/18	7:00 am - 4:00 pm	East Side of Street Between David Street and Stone Street	Excavation for the purpose of water main replacement.
08/07/18	7:00 am - 4:00 pm	South Side of West 37th Street Between 37th Ave and Washington Street	WFT setup
08/06/18	6:00 am - 4:00 pm	East Side of Street Between David Street and University Street	Water shut-down for the purpose of water main replacement.
08/06/18 - 08/08/18	7:00 am - 4:00 pm	South Side of West 37th Street Between 37th Ave and Washington Street	Backfill excavation for the purpose of water main replacement.
08/06/18 - 08/10/18	7:00 am - 4:00 pm	East Side of Street Between David Street and Stone Street	Backfill restoration operations.
08/06/18 - 08/10/18	7:00 am - 4:00 pm	South Side of West 37th Street Between 37th Ave and Washington Street	Utility maintenance.

**WATER SERVICE INTERRUPTIONS:** In addition to a Water Main, a new Storm Sewer installation will be taking place (see map) at affected locations.

**NO PARKING ZONE:** No to be established. Street Closures are to be announced in advance of street closing. Please check construction regulations in construction areas.

**CONSTRUCTION INFORMATION:** Contact Lorraine Giblin, the Community Construction Liaison at 345-1334 or [l.giblin@ddc.nyc.gov](mailto:l.giblin@ddc.nyc.gov)

**Ed de Blasio**  
Mayor

**Lorraine Giblin**  
Commissioner

[www.nyc.gov/ddc](http://www.nyc.gov/ddc)



# ELEFTHERIA ARDIZZONE

*BRONX COMMUNITY LIAISON*

New York City Department of  
Environmental Protection





# Flood Prevention & Home Protection

Councilmember Kevin Riley  
October 25, 2023





# **Sudden, powerful storms are bringing more rain**

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- 3.15 inches of rain fell in one hour when the remnants of Hurricane Ida hit NYC
- 1.94 inches fell in one hour during Tropical Storm Henri





**Why?**

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**Climate  
Change is  
Real**





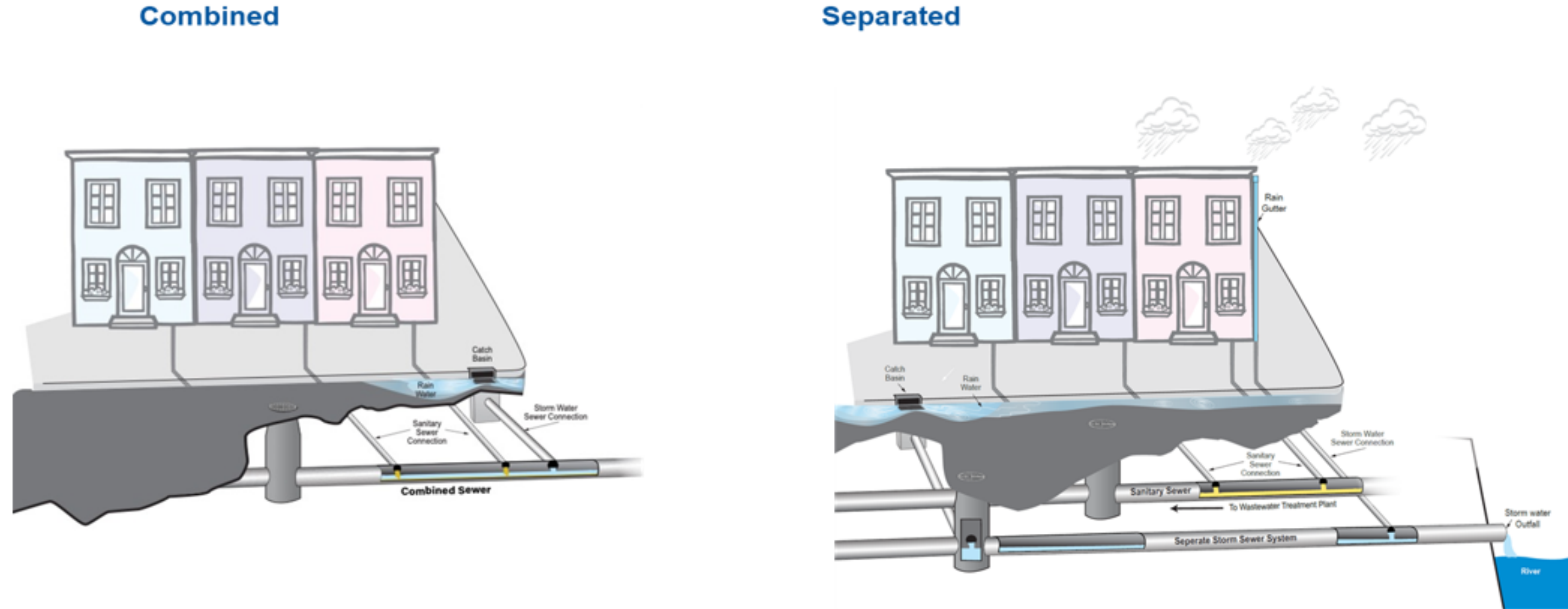
A photograph of a flooded room, possibly a bathroom or laundry area. A person wearing a white t-shirt and black pants is standing in the water. In the background, there is a white toilet, a red fire hydrant, and a white chair. The floor is covered in water, and there are some items scattered around, including a blue bag and an orange bucket. The text "There are different types of flooding" is overlaid in the center of the image.

**There are different  
types of flooding**

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# SEWERS ARE THE FIRST LINE OF DEFENSE WHEN IT RAINS

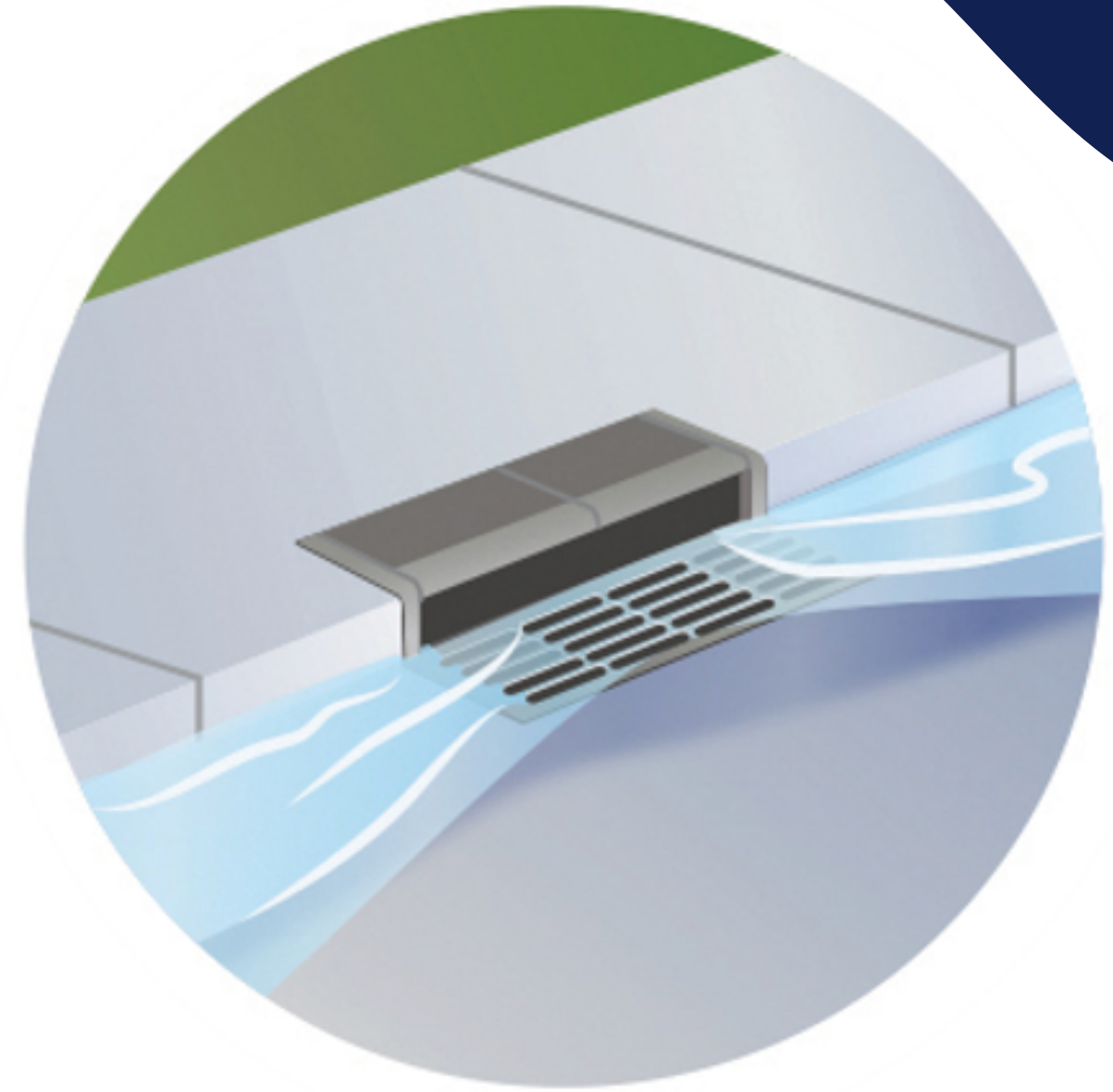


- The sewer network is generally built to handle 1.5 inches of rain per hour.
- Just like we don't design roads for Memorial Day Weekend traffic, we don't design sewers to handle hurricane-level water.



# Street Flooding

Catch basins are located on street and highway curbs and collect stormwater. However, leaves and trash can accumulate on top of the grate and block drainage, causing rainwater to flood the street.

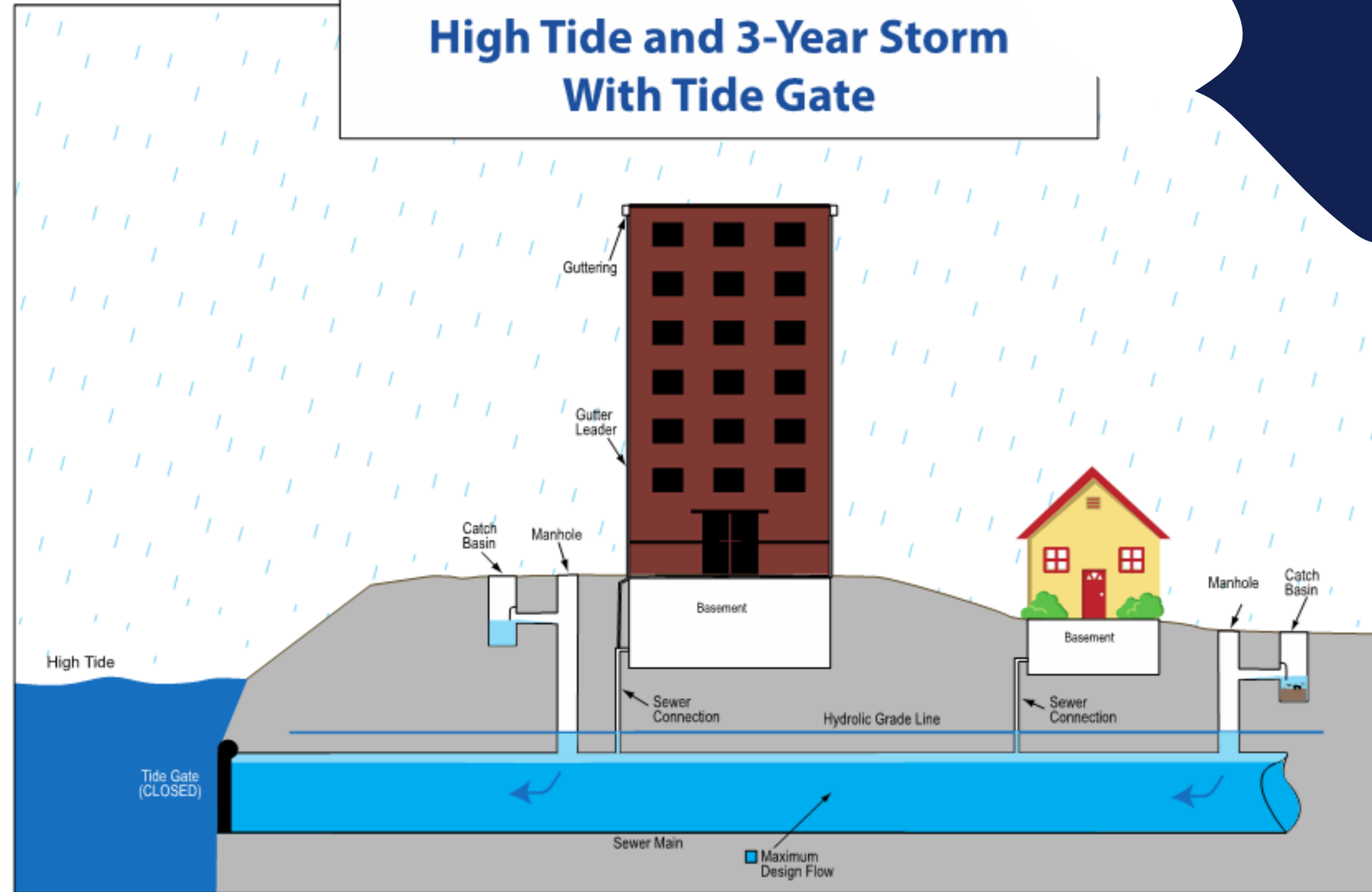




# Coastal Flooding

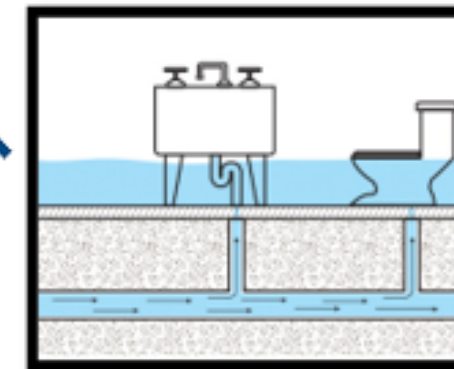
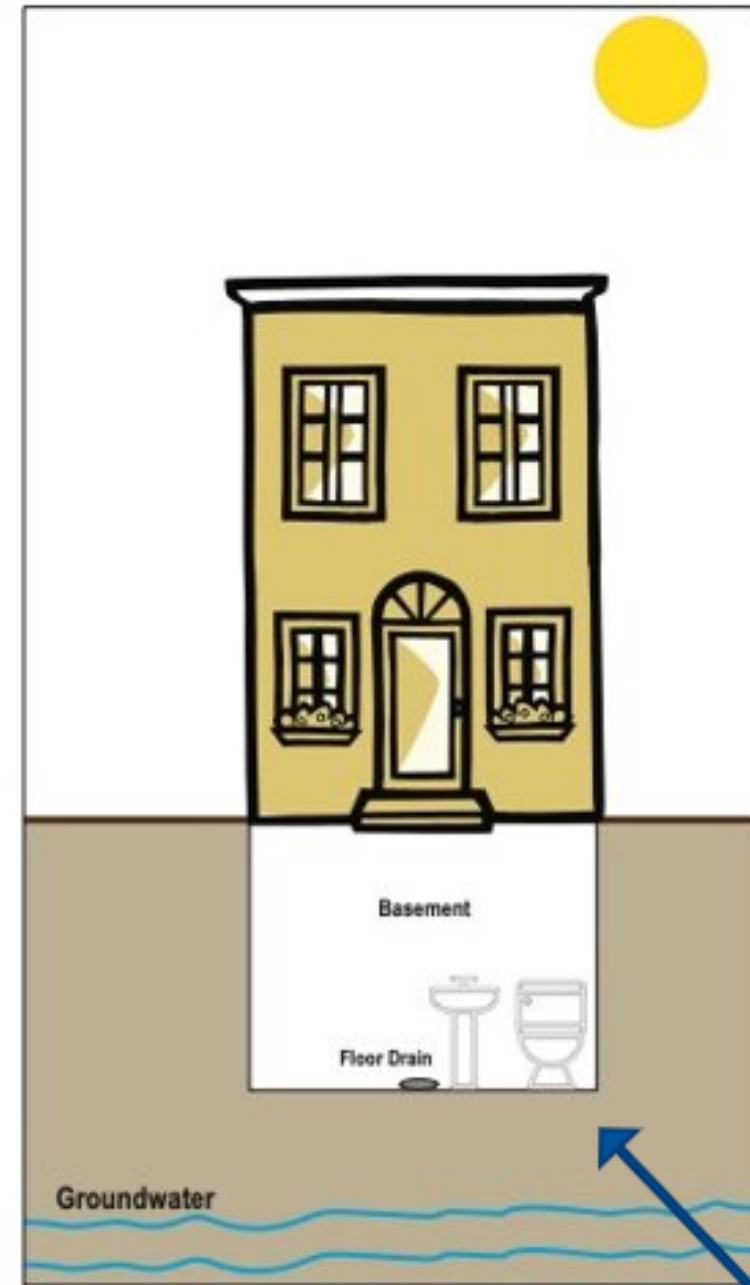
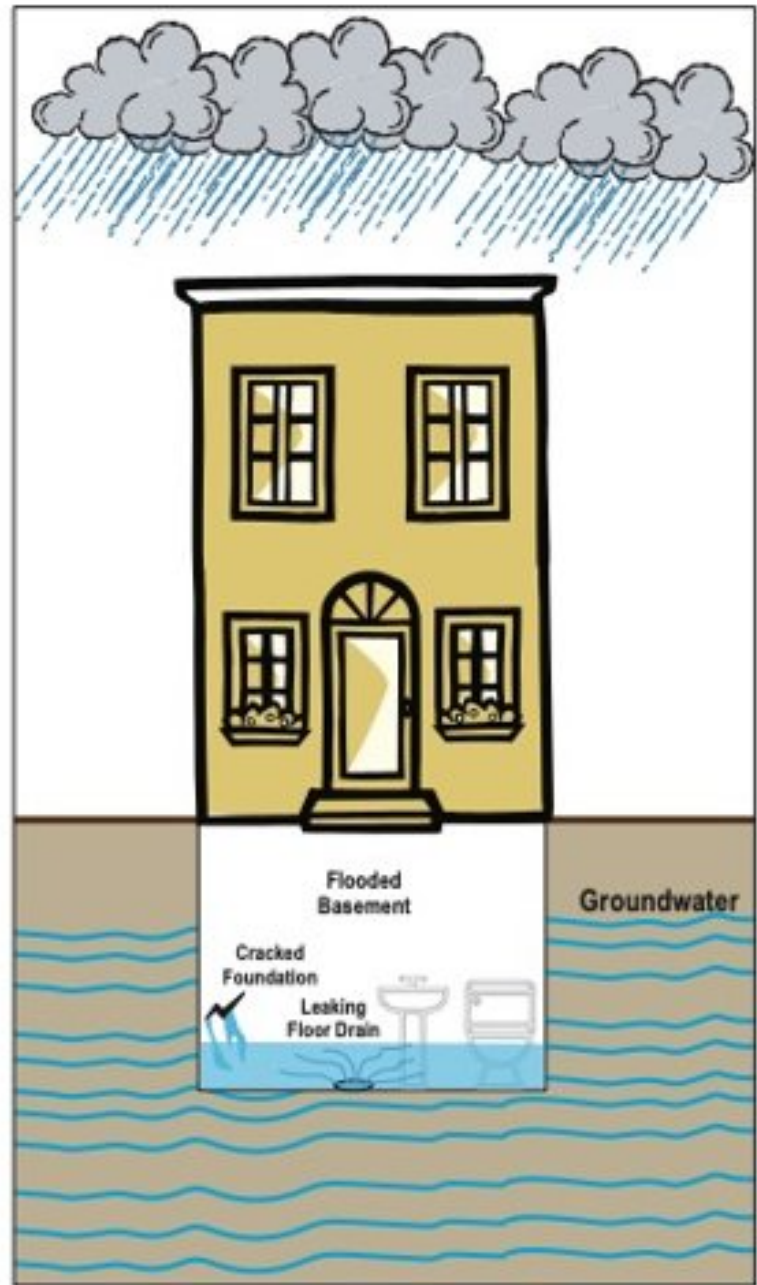
In coastal areas, high tide combined with storm surge can exacerbate local flooding conditions, sending tidal water back up into the sewer system – creating overflows from manholes, catch basins, and basement connections.

## High Tide and 3-Year Storm With Tide Gate





## Effect of Groundwater level During Wet and Dry Weather Conditions



## GROUNDWATER FLOODING

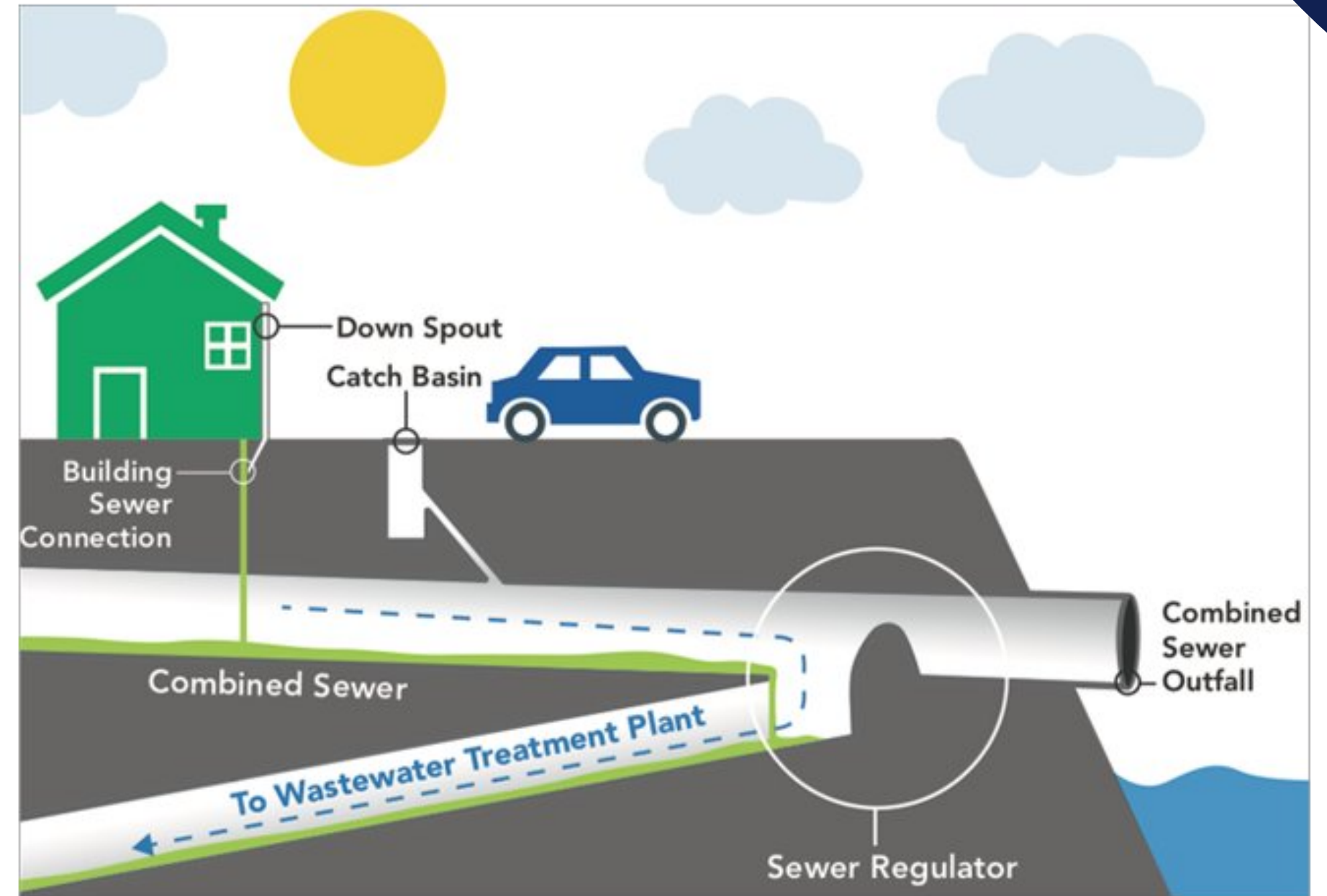
When the ground becomes saturated, water will find penetration points such a crack in the foundation wall or a leaking floor drain.

This typically occurs after a rainstorm because prolonged rain leads to over-saturation.



# Combined Sewer

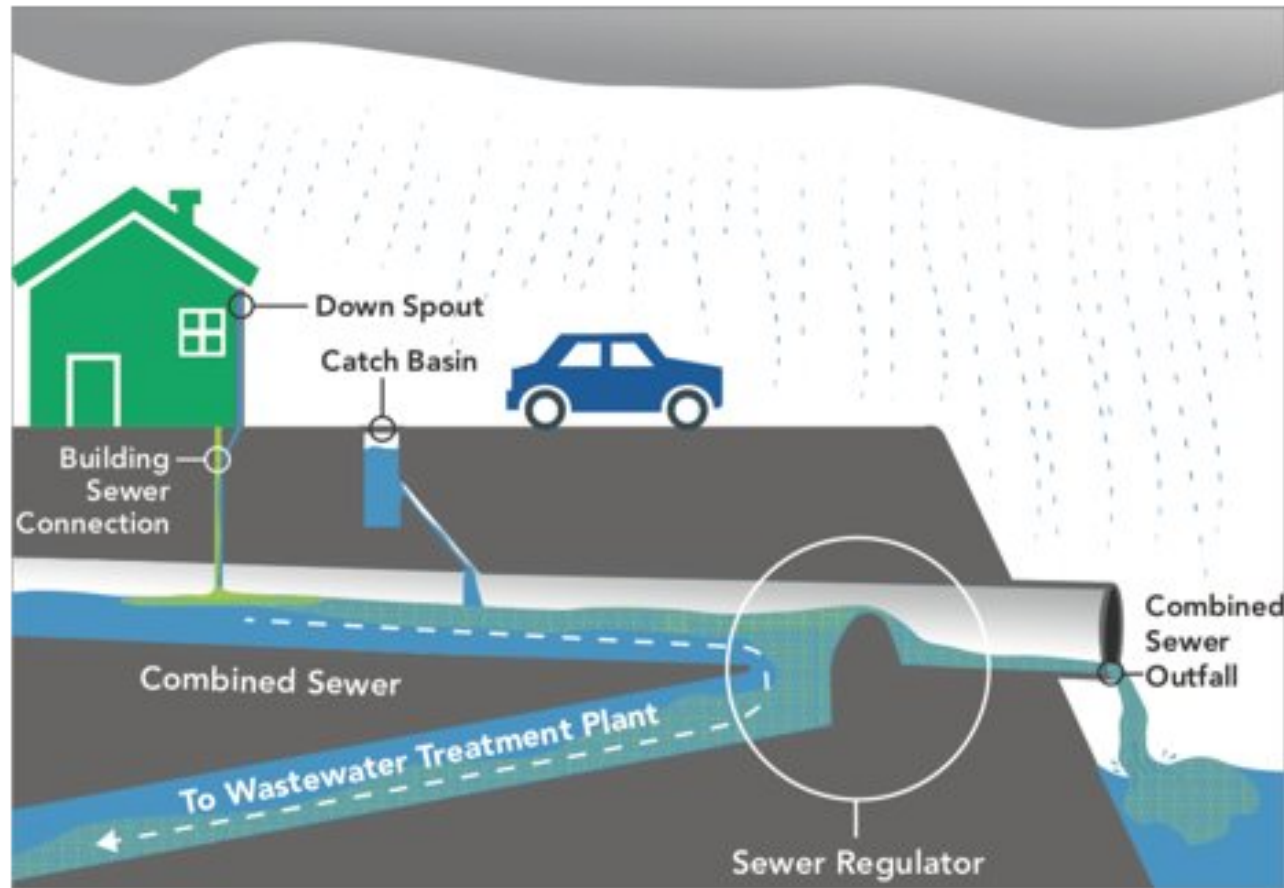
- About 60% of the city, has a combined sewer that collects both sanitary waste and rainwater.
- During rainstorms, the system can get overwhelmed when the amount of water produced by the storm is greater than the capacity of the pipes.



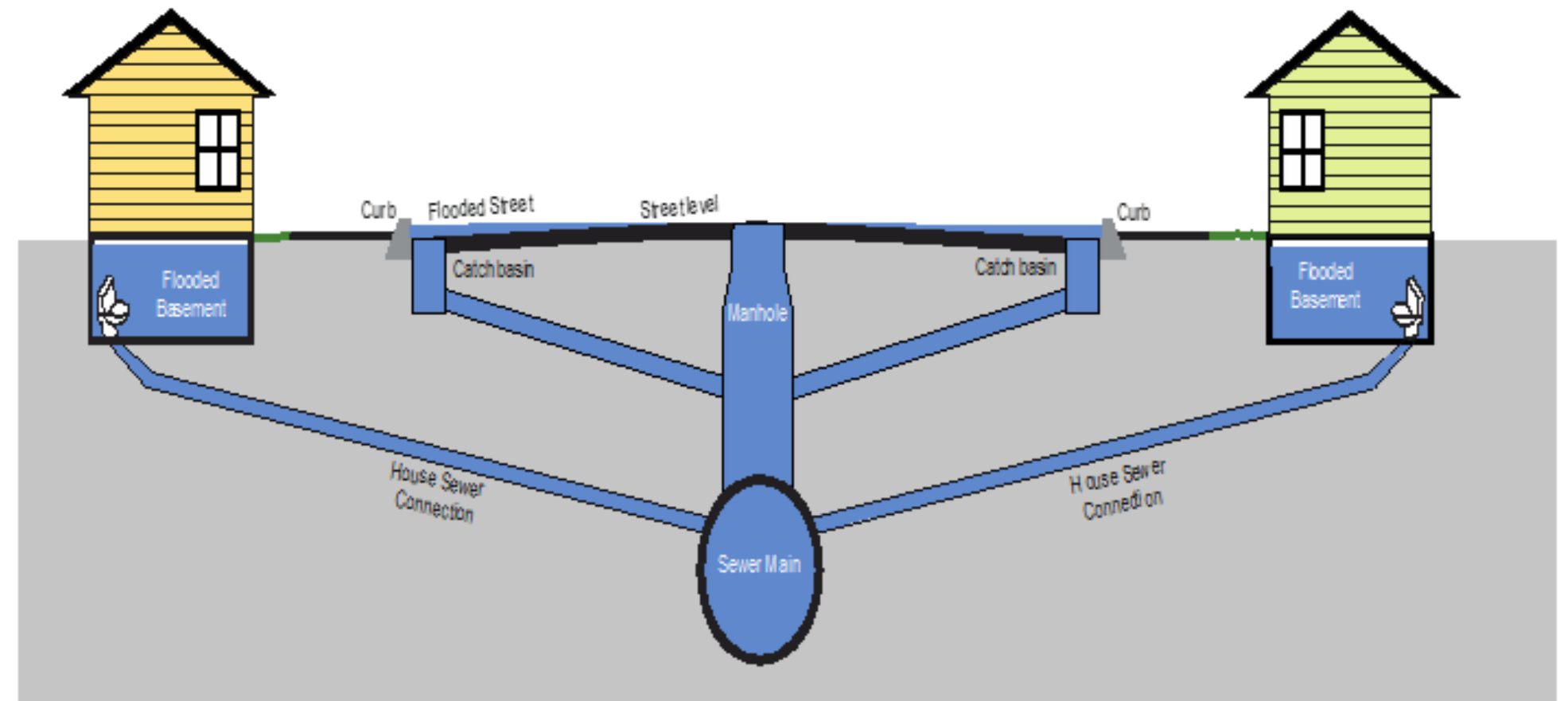


# Overflows and Back-Ups

When the sewer system is overwhelmed, it can result in:



Combined Sewer Overflows (CSOs):  
Overflows into local waterways



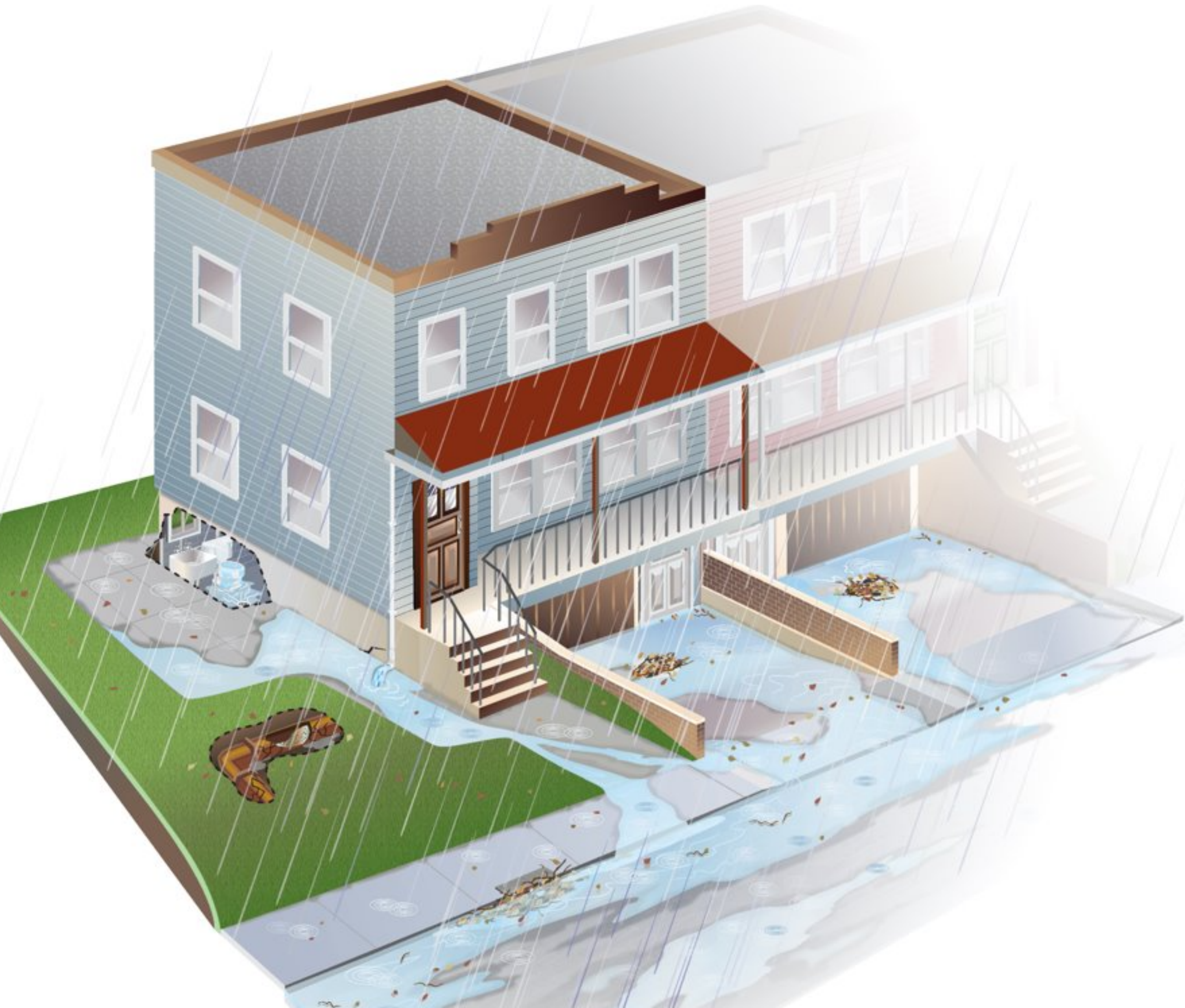
Sewer Back-Ups (SBUs):  
Overflow from manholes, catch basins, and basement  
sewer connections



A hand holding water under a blue umbrella in the rain. The background is a blurred green landscape with rain falling. The hand is in the foreground, holding a small amount of water. The umbrella is blue and has water droplets on it. The overall scene is a rainy day.

**How can you be rainfall ready?**  
**BEFORE THE STORM**





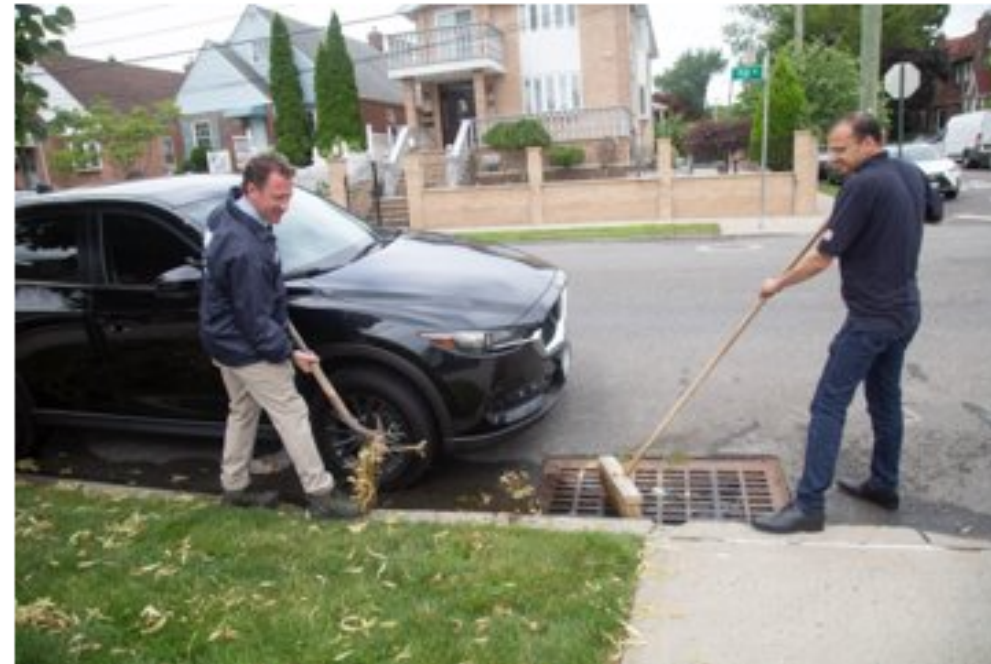
- ✓ **Catch basins**
- ✓ **Rain barrels**
- ✓ **Rain gutters**
- ✓ **Flood sensors**



# Be a Good Neighbor by Cleaning Catch Basins

Help clear a path for water by cleaning trash, leaves, and/or debris off clogged catch basin grates.

Or call 311 and we will dispatch a crew!







## **Divert the Stormwater with Rain Barrels**

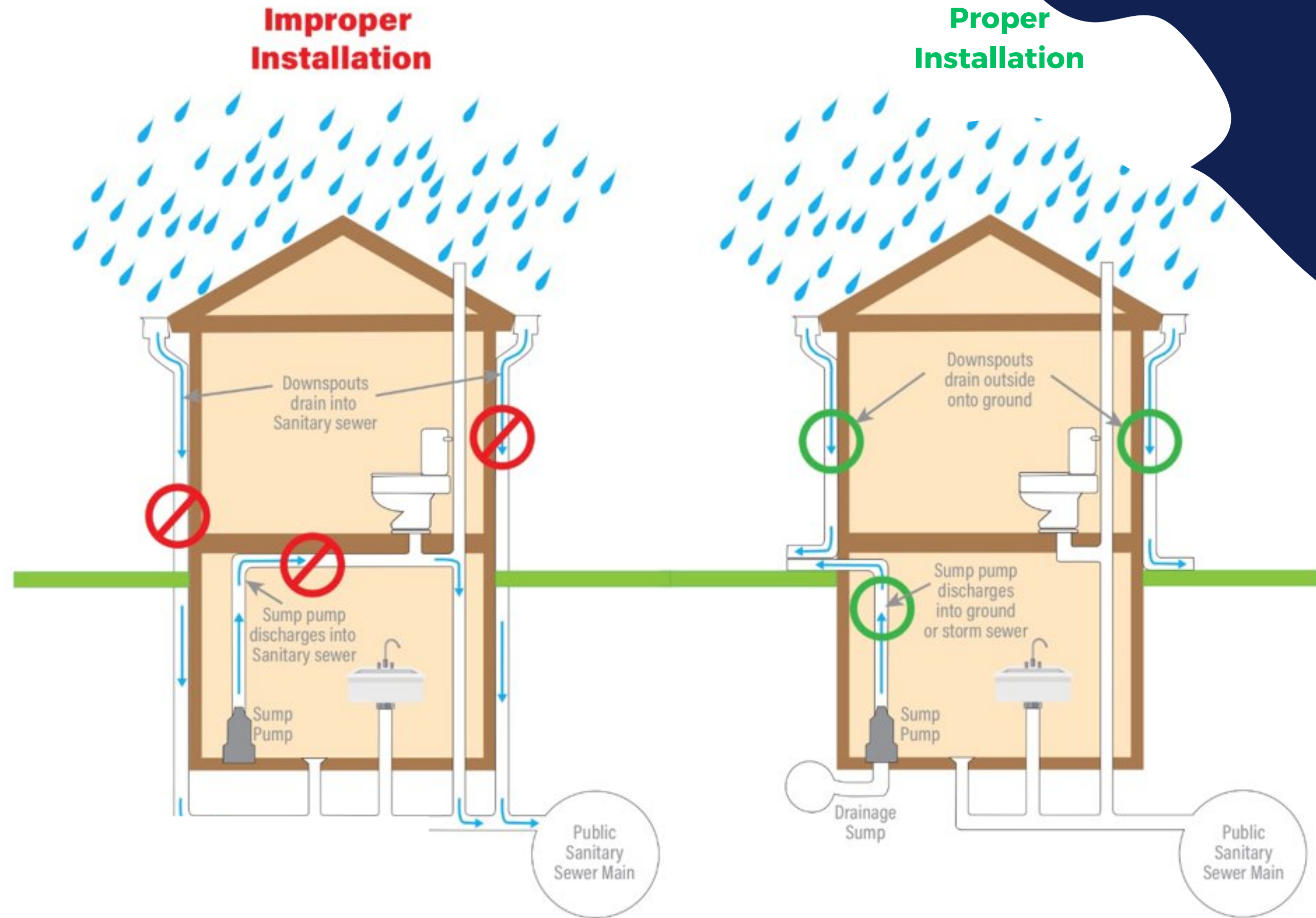
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Connecting a rain barrel to collect stormwater, is another great way to keep rainwater out of the sewer system.



# Disconnect Rain Gutters from Sewers

Disconnecting rain gutters from the sewer and redirect your downspouts away from the house.





# Elevate Belongings & Use Flood Sensors

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Place belongings and valuables on a shelf above where water may flow into your basement.

Utilize flood sensors to alert you when water is entering your basement. These are often best placed on the floor, near the sewer drain, or under the windows if you have outdoor window wells.





# How can you be rainfall ready? **DURING THE STORM**





# Plan for Intense Storms



## NYCEM - Notify NYC

@NotifyNYC

NYC's official emergency notification system. Important information about emergency events and services. Customer Use Policy [nyc.gov/socialmediapol...](https://nyc.gov/socialmediapol...)

New York City [nyc.gov/notifynyc](https://nyc.gov/notifynyc) Joined September 2008

103 Following 523.4K Followers

- ✓ Monitor the weather forecast for rainfall amounts **greater than 2" per hour**, or for prolonged periods of several days.
- ✓ Pay attention to the tidal forecast, particularly when high tide is.
- ✓ **Sign up for alerts from NotifyNYC.** It's the City's official source for information about emergencies.



# Inflate Flood Barriers and Install Sump Pumps

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- Place flood barriers near doors, garages, and/or basement windows that are prone to allowing water to enter your home.
- A sump pump is a submersible device that detects rising water, say in a basement pit or drain, and pushes it outdoors. Be sure to use pipes or hoses that extend 10-15 ft beyond your building.





# Don't use Appliances during a Storm

- Wait to flush the toilet, take a shower or use appliances that require water (washing machine, dishwasher) during a flooding event.
- The extra discharge puts unnecessary strain on an already taxed sewer system.

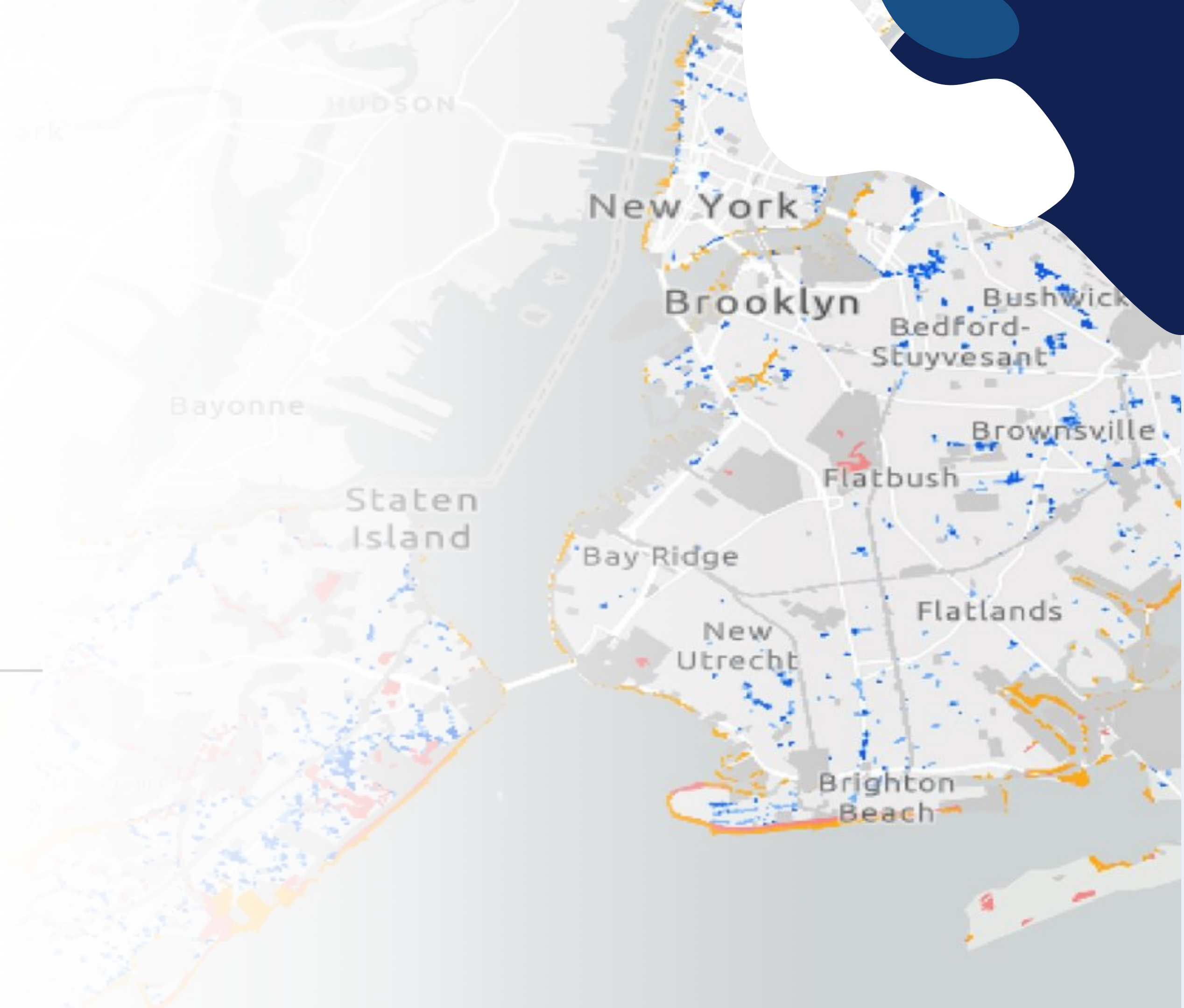




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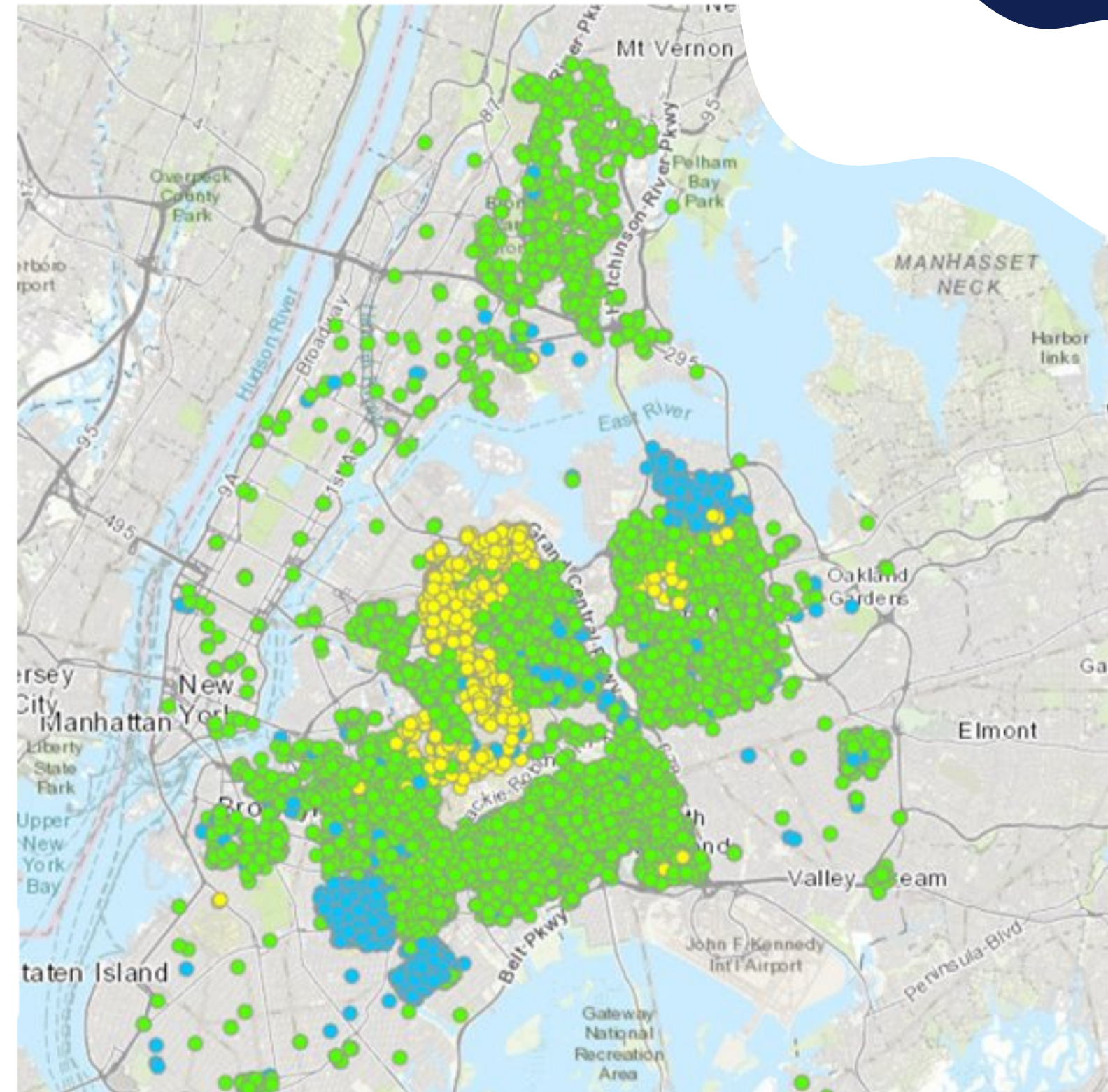
# What's happening in **Council District 12**

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# Green Infrastructure in Council District 12



DEP has constructed nearly 177 rain gardens in the 12<sup>th</sup> Council District.



# Rain Gardens

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DEP has installed nearly 12,000 rain gardens around the city.

Rain gardens help manage 42 million gallons of stormwater each year.

They can improve your street by reducing ponding, providing summer shade, and greening your community.

Most importantly, rain gardens improve the environment by allowing rain to be naturally absorbed into the ground instead of flowing into the sewer system.





# Porous Pavement

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We're working to install more than 9 miles of porous pavement across the Bronx.

Porous pavement is special pavement that is designed to collect and manage stormwater that runs off the sidewalks and streets when it rains. Just like its name, it's porous and absorbs water, unlike traditional cement.



# POROUS PAVEMENT





# Capital Projects

- Initiation:
  - SEX002237/HWXP138 Reconstruction of Hollers Ave (\$1,404,000)
  
- In Design:
  - SEX20049/HWXPRATT Installation of new Combined Sewer along Pratt Avenue between Needham Ave and Marolla Place (\$1,114,000)



# Getting help from DEP

- Report all DEP constituent complaints and issues to 311
- 311 complaints go directly to DEP response teams on duty in your area
- Contact DEP Community Affairs with the complaint number
- DEP Community Affairs will follow up with response teams

DEP Community Affairs Liaison

Effie Ardizzone  
[eardizzone@dep.nyc.gov](mailto:eardizzone@dep.nyc.gov)  
(O) 718-595-3493  
(M) 646-438-0773

Director of  
Community Affairs

Karen Ellis  
[KarenE@dep.nyc.gov](mailto:KarenE@dep.nyc.gov)  
(O) 718-595-4394  
(M) 347-419-0823

Assistant Commissioner of  
Intergovernmental Affairs

Mario Bruno  
[MBruno@dep.nyc.gov](mailto:MBruno@dep.nyc.gov)  
(O) 718-595-3519  
(M) 917-743-9895

DEP Community Affairs Line

DEP Community Affairs  
[CommunityAffairs@dep.nyc.gov](mailto:CommunityAffairs@dep.nyc.gov)  
(O) 718-595-3496



Department of  
Transportation

NEW YORK  
STATE OF  
OPPORTUNITY.

**JOHN WONG, P.E.**

***DIRECTOR OF OPERATIONS***

**New York State Department of  
Transportation, Region NYC**



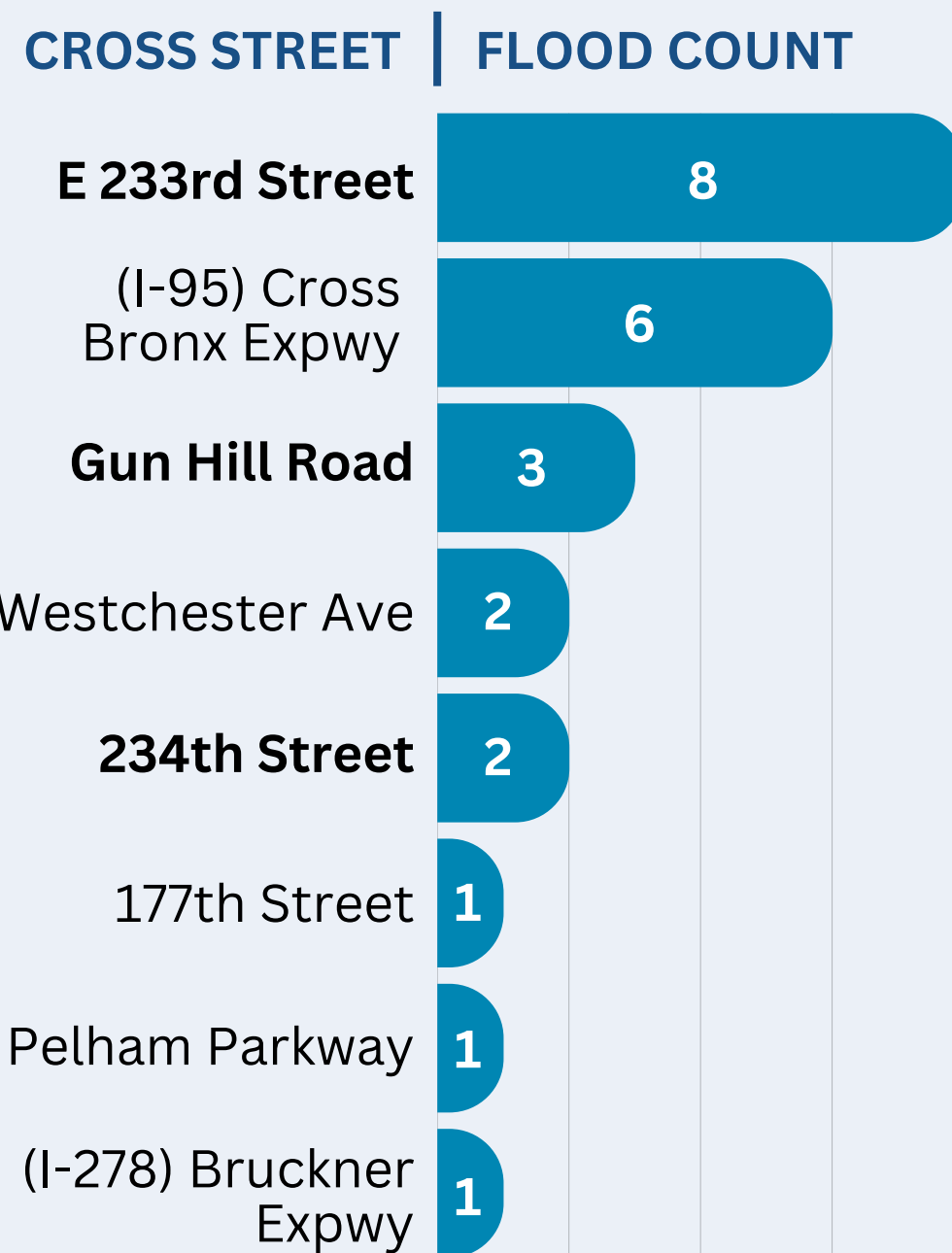
# BRONX RIVER PARKWAY FLOODING

- Since **2018**, JTMC has observed **24** flooding incidents on the **BRP**

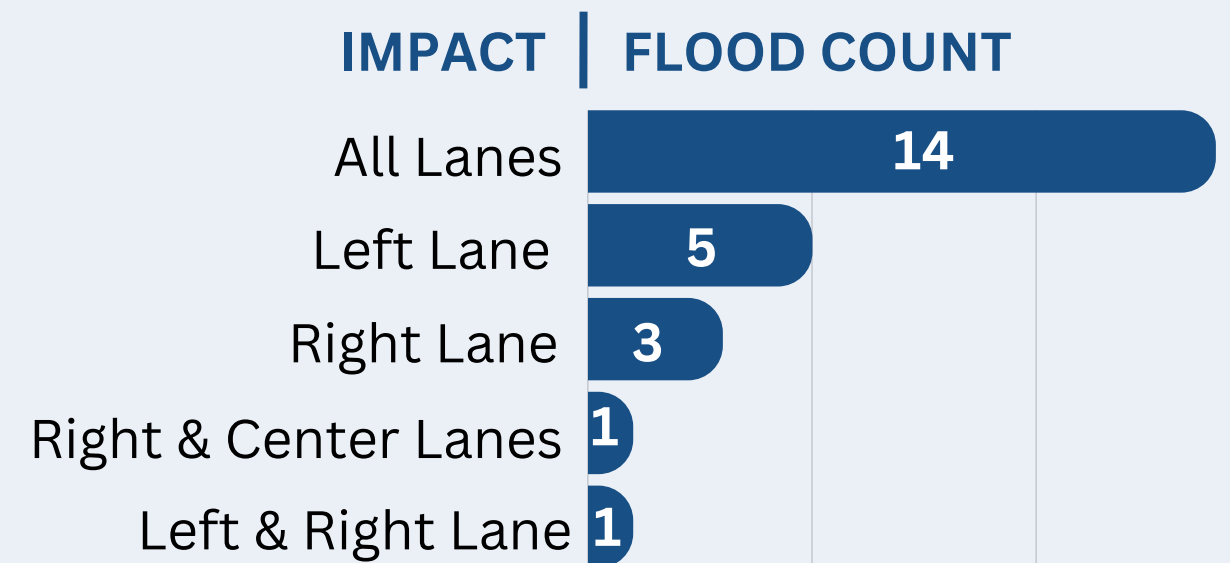
◦ The flooding rate on the BRP is **lower** than most major expressways in NYC

- **14** floods were on the **northbound** side, **10** were on the **southbound** side

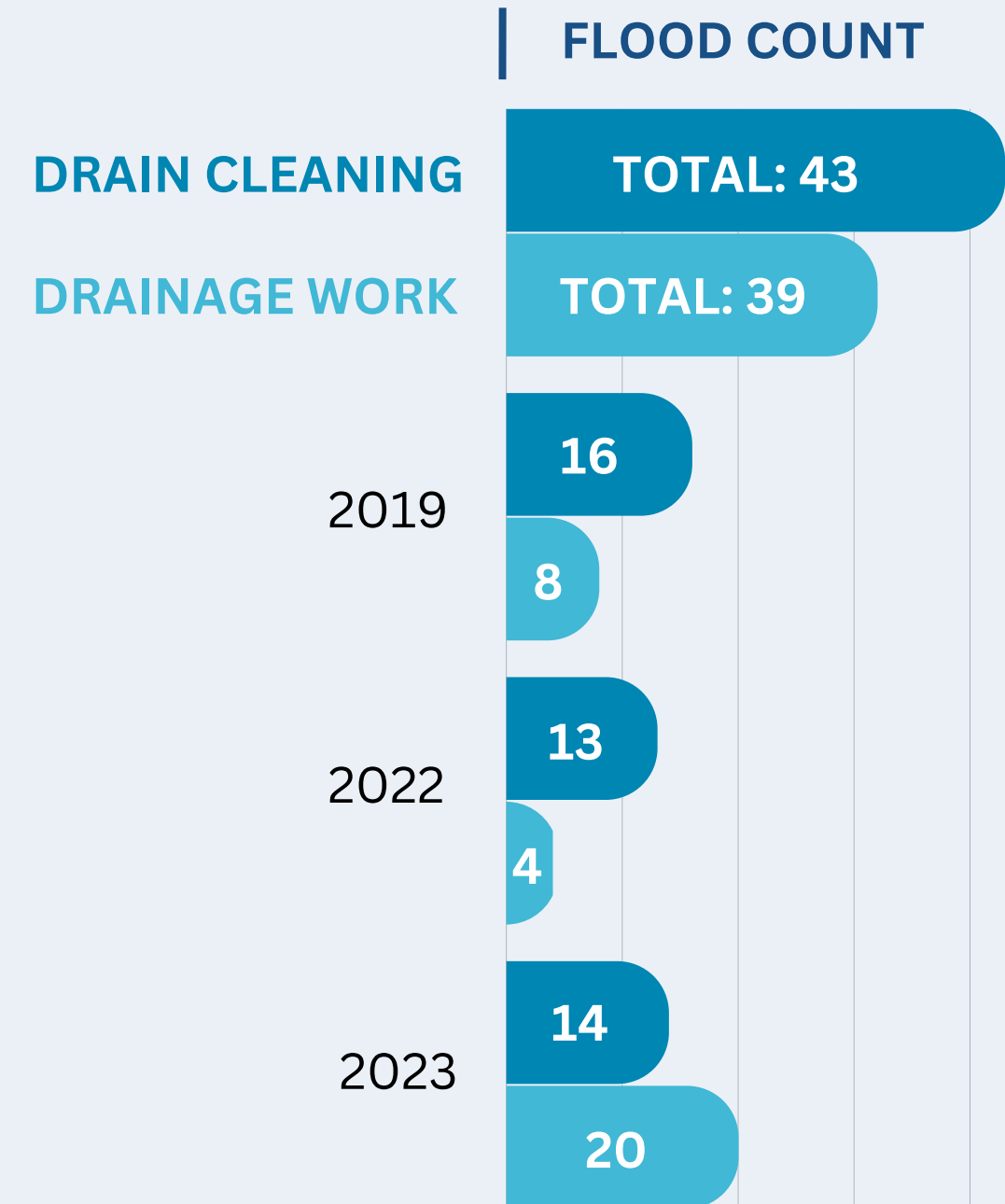
## Floods were observed at the following locations:



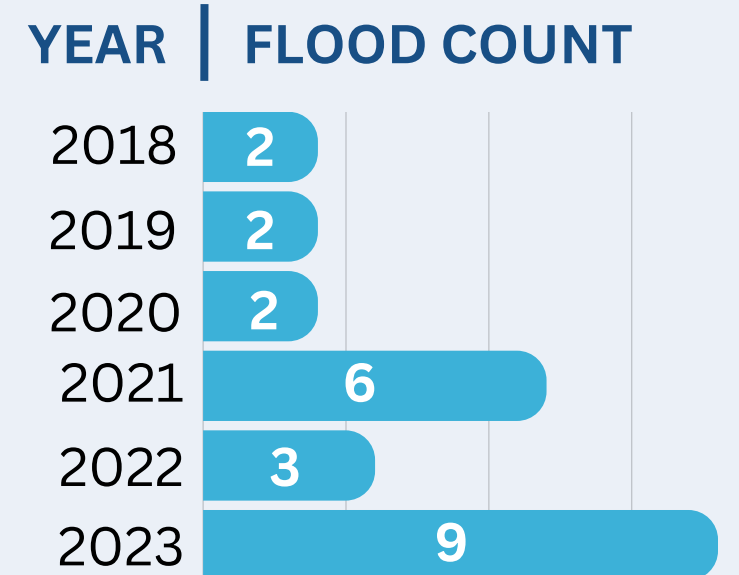
## Floods had the following roadway impacts:



## The following resiliency work has been performed on the Bronx River Parkway:

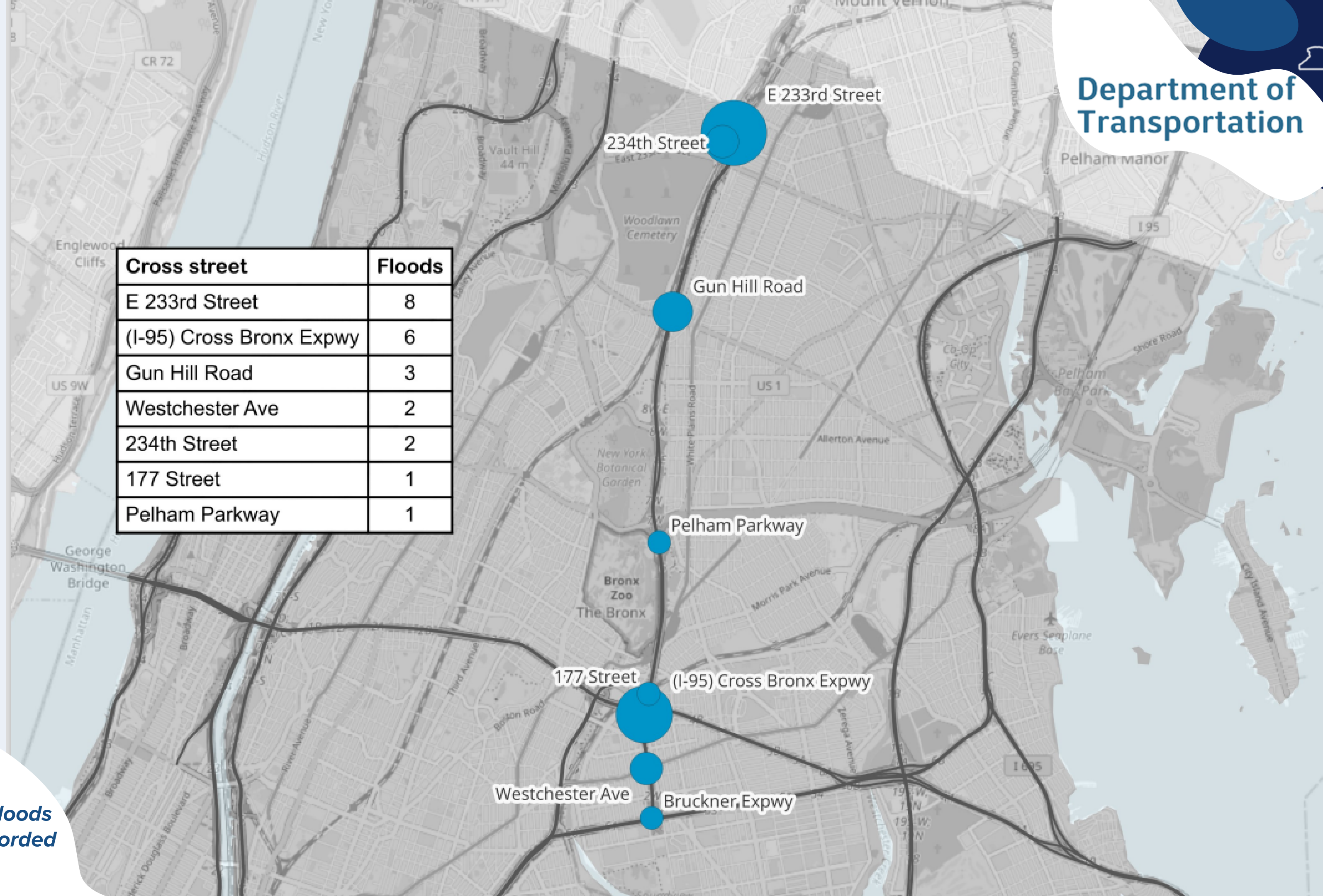


## Flooding occurred in the following annual volumes:





Cross street	Floods
E 233rd Street	8
(I-95) Cross Bronx Expwy	6
Gun Hill Road	3
Westchester Ave	2
234th Street	2
177 Street	1
Pelham Parkway	1



Map shows volume of floods at each recorded location.



# **NYSDOT INITIATIVES AS IT RELATES TO BRP FLOODING**

**1**

**Annual NYSDOT Preventative / Cyclical drainage and highway sweeping performed on Bronx Rive Parkway.**

**2**

**Standard Operating Procedures for days leading up to a NWS forecast heavy rain / storm / hurricane related event.**

**3**

**NYSDOT Current and proposed capital projects on BRP. Ongoing and future city-wide storm resiliency initiatives.**





# LEGISLATIVE UPDATES



## WHAT IS A RESOLUTION?

A resolution is a **correspondence** developed by the **City Council** and issued to another level of government.

Eg. A resolution to the NY State Legislature and Governor to pass a law providing flood barrier assistance funding.

## WHAT IS AN INTRODUCTION?

An introduction is a **law** for actions governed by the **City Council**.

Eg. An introduction establishing a Mayor's office of Climate Resiliency and Infrastructure

Both types of legislation go to a relevant committee for a **hearing**. The committee generates a **report** once it is heard, and legislators meet for edits.

The legislation can then go for a **full vote** to be passed. Resolutions are **adopted** and then sent to the relevant entity. Introductions are sent to the Mayor who can then **veto** it and send it back to the council, sign it or return it unsigned. When signed by the mayor, it becomes a **local law**. If unsigned, once the required time eclipses, it becomes an enacted law.





# LEGISLATIVE UPDATES

## PROMOTING STORM RESILIENCY THROUGH LAW

Council Member Riley has drafted, and supported a number of bills regarding **storm resiliency**, including many related to disaster relief and fortifying infrastructure.

On September 14th 2023 Council Member Riley Introduced **Intro 1167-2023**; a bill that would require the Commissioner of Emergency Management, in consultation with the Office of the Mayor and community boards, to **identify and designate facilities** within each community district to serve as rapid emergency response centers.

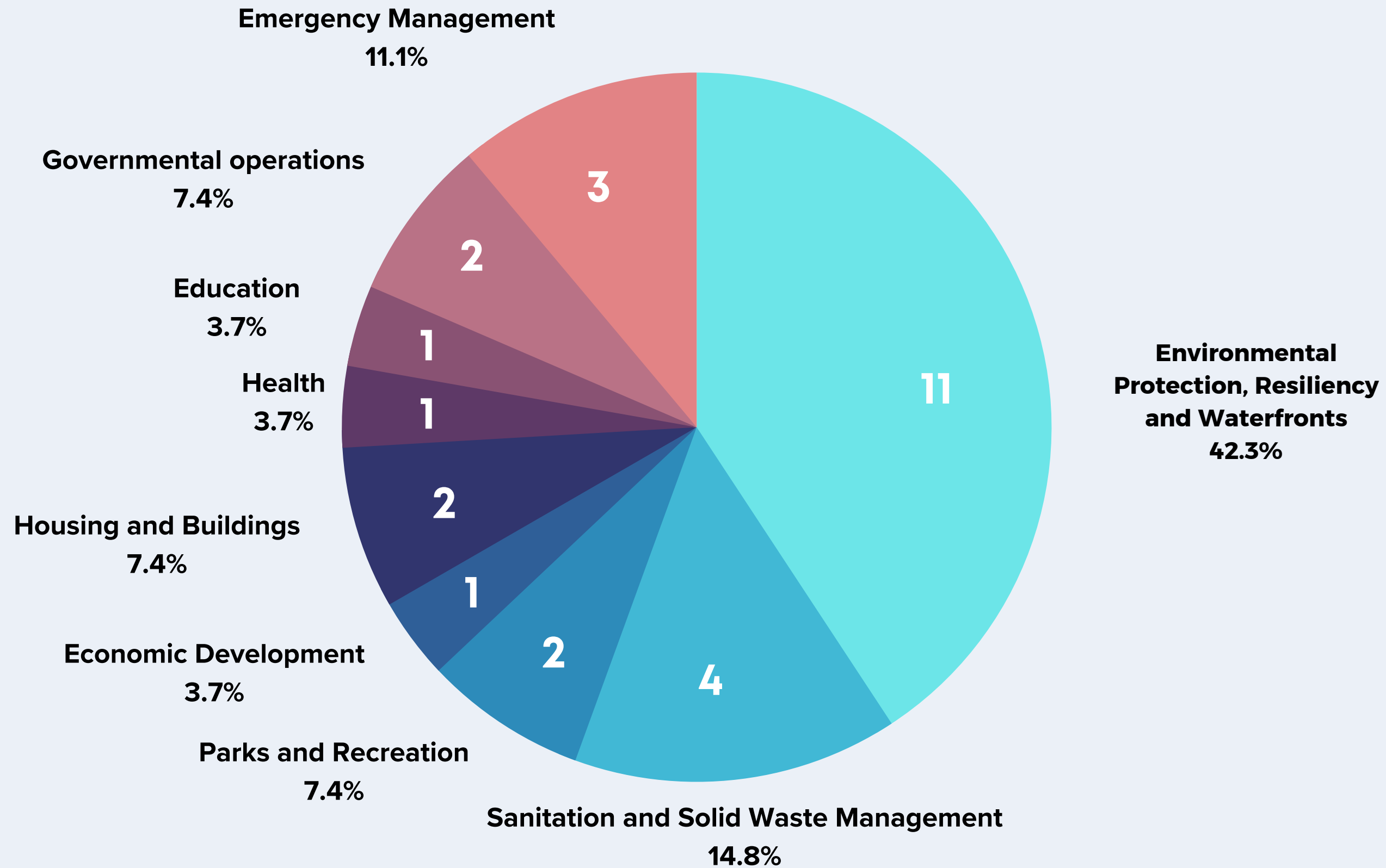
Each center would be required to **stock supplies for residents** that have been displaced by a natural human-caused disaster. This bill would also require the Commissioner of Emergency Management, in consultation with the Commissioner of Citywide Administrative Services, to submit an **annual report** to the Mayor and the Speaker regarding the **inventory** of supplies in each community district's rapid emergency response center.

Council Member Riley has co-sponsored **27 bills** that are currently in committee, and **6** that have passed. There are **4 additional bills** that Council Member voted for during a full vote that are enacted/passed that strengthen New York City's storm resilience.



# LEGISLATIVE UPDATES

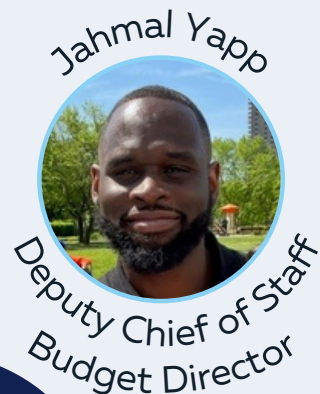
27 BILLS CO-SPONSORED BY CM RILEY CURRENTLY IN COMMITTEE





# PARTICIPATORY BUDGETING

Council Member Riley is the first representative in District 12 to host participatory budgeting. We are proud to be a participant in the City Council's Participatory Budgeting Initiative, empowering our neighbors to propose and vote on projects for the district.



FOR THE COMMUNITY, BY THE COMMUNITY.



HOW COULD \$1M  
TRANSFORM OUR DISTRICT?

SHARE YOUR  
COMMUNITY PROJECT  
IDEAS WITH US

*Today!*



1

Submit your idea  
by Nov 11th!



2

Vote for your  
favorite projects  
in April 2024!

3

Winning projects  
will be funded  
in May 2024!

PARTICIPATORY BUDGETING NYC FUNDS PHYSICAL INFRASTRUCTURE PROJECTS THAT BENEFIT THE PUBLIC, COST AT LEAST \$50,000, AND HAVE A LIFESPAN OF 5+ YEARS. E.G. IMPROVEMENTS TO SCHOOLS, PARKS, LIBRARIES, PUBLIC HOUSING, STREETS...

[HTTPS://COUNCIL.NYC.GOV/PB/](https://council.nyc.gov/pb/)





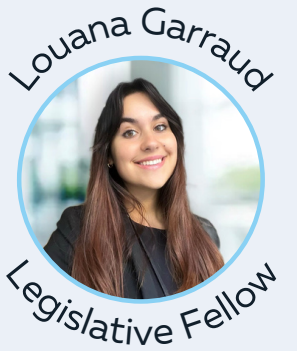
**Q&A**

**PLEASE ASK AWAY!**



# THANK YOU!

## Our team thanks you for listening!



## A special thank you to our partners.



Department of  
Transportation



## Join our next community conversation!

Look out for information about our next **Community Conversation** for November on **Community Development & How to Become a Non-Profit!**

## Stay connected to our office!

