

# NEWSLETTER

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## *Coming to Fruition:* **GOSR's Living with the Bay Program (Part 1)**

► On October 29, 2012, Superstorm Sandy made landfall in New Jersey, bringing with it 85 mph winds and a storm surge of 7-10 feet in some areas around New York City and Long Island. The storm flooded most of New York City and many areas across Long Island, causing over \$19 billion in damage. Countless homes were destroyed by the storm, including the destruction of 100 homes

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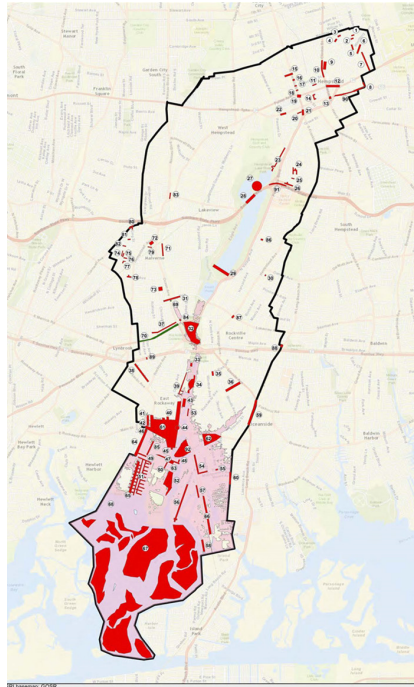
**Hayduk Engineering was featured as "Office of the Week" by Oldies 98.1 FM.** The Wiseman (complete with his infamous "Beanie" on his head), visited us in October to celebrate Hayduk Engineering as the Oldies 98.1 Office of the Week. He supplied the office with donuts from Glenn Wayne Bakery in Bohemia, an Oldies 98.1 banner, and did audio clips of our staff to play during his morning radio show.

in Breezy Point, Queens, due to a massive fire. Gas shortages and power outages ravaged Long Islanders for months after the storm. Although Superstorm Sandy occurred almost ten years ago, its effects are still felt today, particularly on the south shore of LI.

The Governor's Office of Storm Recovery (GOSR) was formed as part of New York State's response to Superstorm Sandy, Hurricane Irene, and Tropical Storm Lee. GOSR's core functions are to provide grants and low interest loans to small businesses, provide community reconstruction, and implement stormwater infrastructure projects throughout the State.

GOSR participated in the Rebuild by Design (RBD) program, a design competition launched by the U.S. Department of Housing and Urban Development (HUD) in June 2013 in partnership with nonprofits and the philanthropic sector. GOSR was successful and was awarded \$125 million for their proposal to implement the "Living with the Bay" (LWTB) program.

The Living with the Bay Program focused on improving the resiliency of communities within the Mill River Watershed Basin in Nassau County by



mitigating damage from storm surges, managing stormwater to reduce damage from common rain events, improving habitat and water quality, and increasing access to the Mill River through educational and recreational opportunities.

Thirty-seven (37) different infrastructure improvements projects were identified and ultimately seven (7) were selected for implementation as part of the program, including:

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#### **Grand Opening - All American Assisted Living, Coram, NY:**

Hayduk Engineering attended the ribbon cutting ceremony for the new All American Assisted Living Facility in Coram, NY, along with members of Kaplan Development Group, Town of Brookhaven Supervisor Edward P. Romaine, Town Councilman Michael Loguercio, and members of the local civic association. Hayduk Engineering provided civil/site engineering services, wastewater engineering services, and construction administration services for the project.





- 1) Hempstead Lake State Park Improvements
- 2) Smith Pond Improvements
- 3) East Rockaway High School Hardening
- 4) The East and West Boulevard Project
- 5) Lister Park Improvements
- 6) Greenway Network
- 7) Long Beach Water Pollution Control Plant Consolidation

Hayduk Engineering has been involved in the Living with the

Bay program for over 5 years, in conjunction with several other engineering and environmental firms. We participated in the preparation of the Mill River Watershed Management Plan and then helped implement the Smith Pond Improvements, East Rockaway High School Hardening, and Lister Park Improvements projects, which are all currently under construction.

In the upcoming editions of our Newsletter, we will describe, in parts, the projects that we have been involved with in more detail, providing updates of the construction progress and the benefits each project will provide to the community. Stay tuned! ■

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## HAMPTON BAYS SEWER DISTRICT

► Over the course of the past several years, the Town of Southampton has worked to implement a new overlay zoning district for the Hampton Bays Downtown Area, located along Montauk Highway between Springville Road and Squiretown

Road. Overlay zoning is a regulatory tool that creates a special zoning district, placed over an existing base zone(s), which identifies special provisions in addition to those in the underlying



base zone. The goal of this new zoning district is to redevelop the Hampton Bays Downtown Area into an attractive mixed-use commercial activity center that is bicycle and pedestrian friendly.

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A key component of the Town's plan included the development of a new sewer district and wastewater treatment plant to service the HBDOD area to support the new form-based code. The Town of Southampton sought grant funding from the New York State Environmental Facilities Corporation (NYSEFC) and were awarded the Engineering Planning Grant (EPG) in 2020.



Figure 1:  
Excerpt from HBDOD  
resolution showing an  
example development.

With the EPG funding, the Town of Southampton retained Hayduk Engineering to prepare an Engineering Report providing the necessary evaluation of the sewer district area, alternatives analysis, cost effective analysis, and preliminary design for the core sanitary sewer infrastructure to service the future district. The analysis included evaluating different available technologies for both the sewer collection system and wastewater treatment processes, alternatives for routing and siting of infrastructure, and construction methodologies for installation.

Hayduk Engineering worked hand-in-hand to develop the engineering report with Janice Scherer, Southampton's Town Planning and Development Administrator and David Wilcox, Southampton's Director of Town Planning, both of whom have been instrumental in the planning and development of the HBDOD for the Town. Janice Scherer stated "It has been a pleasure working

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Hayduk Engineering was voted in as a Long Island Business News (LIBN) Reader Rankings winner in the category of **Best Engineering Firm.**

with the Hayduk Team to analyze the sanitary collection/treatment system for this downtown area. This will enable the Town to revitalize the core of our Central Business District while meeting water quality goals.”

The project currently proposes to construct a new sanitary sewer collection system comprised of both conventional gravity sewers and low-pressure sewer system technology, located primarily along the Main Street corridor. The sanitary sewer collection system will discharge to a new wastewater treatment plant utilizing state-of-the-art membrane biological reactor (MBR) technology located within the District.

The Engineering Report was approved by NYSEFC and NYSDEC in October 2021. ■

OTHER  
COMPANY  
NEWS

### ► **WE'RE HIRING!**

Hayduk Engineering is seeking to fill a limited number of key management-level and senior engineer positions in our Transportation and Wastewater Engineering Divisions. Please contact our Chief Engineer, Stephen A. Hayduk, P.E. at [sah@haydukengineering.com](mailto:sah@haydukengineering.com) for more information.

### ► **NEW HIRES**



**Marc Buondelmonte**  
Project Engineer



**Kamil Chodnicki**  
Construction Inspector

### ► **RECENT CONTRACT DESIGNATIONS**

#### PRIME

**Suffolk County Department of Public Works Centereach/Selden Sewer Study** – Sewer study report, wastewater engineering services.

#### PRIME

**Bicycle Path Medical Office Building** – Civil/site engineering services, site plan application.

#### SUB

**TBTA RFK Bridge Wind Retrofit Preliminary Engineering** – Civil engineering services.

#### SUB

**Metro North Railroad Brewster Yard Improvements** – Civil engineering services.

#### SUB

**NYSDOT Van Wyck Expressway Capacity Improvements Contract 2 Design/Build** – Structures permanent drainage design, SWPPP, pavement striping and signage design, design services during construction.