

## GOAL: Enhance the Blue Network

### Expand and improve NYC Water Trail

- Create design guidelines for replicating best human-powered boat launch types and features. (DPR, 2013)
- Develop more detailed human health protection advisories to keep boaters safe from environmental and physical threats. (DEP/DOHMH/DPR, 2013)

#### Bronx

- Hunts Point: Complete expansion of launch platform for canoes and small boats for floating dock at Hunts Point-Riverside Park. (DPR, 2013)

#### Manhattan

- Manhattanville: Activate West Harlem Piers Park's excursion boat pier and ferry barge. (EDC, 2011)
- Inwood: Complete repair and replacement of floating docks, and construct restaurant, snack bar, and restrooms at Dyckman Street Marina. (DPR, 2012)

### Pilot inter-borough commuter ferry service

- Test feasibility of commuter ferry service on the East River connecting Brooklyn and Queens with Manhattan. (EDC, 2011)
- Coney Island: Complete Coney Island Ferry Study to determine feasibility of ferry service. (EDC, 2011)
- St. George and Whitehall ferry terminals: Develop recommendations for an enhanced docking system for the Staten Island Ferry fender racks. (DOT, 2012)
- Murray Hill: Construct E. 35th Street ferry landing that provides sheltered waiting area, ticketing, and pedestrian amenities. (EDC, 2012)

### Enhance monitoring and improve public awareness of water quality standards, current conditions, and suitable uses

- Install new CSO outfall signs, enhance CSO website notification, and increase water quality sampling sites. (DEP, 2011)
- Develop comprehensive water use, navigation, and access policy. (Mayor's Office/ DEP/DOHMH/DPR/DCP/EDC, 2012)
- Identify opportunities to increase public awareness and stewardship of specific waterfront reaches, modeling successful public/private partnerships and working with the Partnerships for Parks Catalyst Program to link new conservation, protection, or enhancement efforts with existing organizations and programs. (DPR 2012)

### Complete the update of NYC Waterborne Emergency Evacuation Plan

- Develop procedures to coordinate real-time support for maritime evacuation including ferry routes and landings, crowd control, enhanced mass transit service, and public information. (OEM, 2011)
- Support waterfront infrastructure projects that increase capability for emergency evacuations and disaster logistics. (OEM, 2011)

## GOAL: Improve Governmental Oversight

### Reform governmental regulation of the waterfront and waterways

- Establish In-Water Permitting Task Force to focus on developing permitting guidance documents, written mitigation policies and standards, a "one-stop-shop" for in-water permitting, and a training program for applicants. (EDC, 2011)
- Establish In-Water Design Guidelines Task Force to focus on design and construction practices and develop guidelines that minimize environmental impact, ensure structural resiliency of in-water structures, and accommodate vessel tie-up. (EDC, 2011)
- Develop wetlands mitigation bank and/or in-lieu fee program to promote more effective mitigation projects. (Mayor's Office, 2012)

## GOAL: Increase Climate Resilience

### Increase the City's resilience to climate change and rising sea levels

- Establish a strategic planning process for climate resilience by updating PlaNYC. (Mayor's Office, 2011)
- Partner with FEMA to develop more accurate consideration of current flooding risks, utilizing more accurate data in remapping to update FEMA Flood Insurance Rate Maps. (Mayor's Office, 2012)
- Study urban design implications of enhanced flood protection, and explore zoning and building code changes to promote freeboard. (DCP, 2012)
- Support coastal communities' efforts to undertake local resilience planning, and improve the dissemination of publicly-available data on the locations of hazardous material storage. (Mayor's Office, 2012)
- Study best practices for increasing resilience to coastal flooding and storm surge. (DCP, 2012)
- Revise NYC's Natural Hazard Mitigation Plan to reflect new information, such as updated Sea, Lake and Overland Surges from Hurricanes (SLOSH) data, and regulatory and policy changes. (OEM, 2013+)
- Revise NYC coastal storm evacuation zone maps based on updated SLOSH data to identify vulnerable populations. (OEM, 2013)

## GOAL: Expand Public Access

### Expand and improve existing waterfront parks by investing over \$200 million

- Bronx**
- Orchard Beach: Replenish with clean sand, and expand the South Jetty to reduce further beach erosion. (DPR, 2011)
  - Soundview Park: Reconstruct playground, athletic courts, and build a new comfort station. (DPR, 2013)
- Brooklyn**
- Brooklyn Bridge Park: Complete improvements, including Squibb Park pedestrian bridge, upland recreation areas between Piers 1-6, and active recreation areas on Pier 5. (BBP, 2013)
  - Coney Island: Complete new 2.2-acre Steeplechase Plaza, including performance space, public art, water features, and retail. (EDC, 2012)
- Manhattan**
- Fort Washington Park: Construct pedestrian bridge and multi-use path. (DPR, 2013)
  - Governors Island: Commence parkland and open space development, including restoration of historic open spaces and improvements to all gateway dock facilities. (TGI, 2012)
  - Hudson River Park: Construct an upland esplanade in Tribeca, reconstruct the bulkhead between 39th and 43rd streets, and reconstruct Pier 97 at 57th Street. (HRPT, 2013)
- Queens**
- Long Island City: Complete design and reconstruction of the public access pier at 44th Drive in the Anable Basin. (DCAS, 2013)
  - Rockaway Beach Park: Construct new sports field, athletic courts, playgrounds, skate park, picnic area, performance space, lawns, and landscaping. (DPR, 2013)
- Staten Island**
- Oceanbreeze Park: Complete new regional athletic facility and indoor horse-riding arena. (DPR, 2013)

### Develop or acquire over 50 acres of new waterfront parks by investing \$40 million

- Bronx**
- Throgs Neck: Complete new 9.5-acre Community Park at Ferry Point Park. (DPR, 2013)
- Brooklyn**
- DUMBO: Re-open the 5.3-acre Empire Fulton Ferry Park with “Jane’s Carousel” installed in new all-weather pavilion, and improve landscaping and public amenities. (BBP, 2011)
  - Greenpoint: Construct 1.5-acre Transmitter Park, including a playground, small pier, benches, and trees. (EDC, 2012)
  - Sunset Park: Complete ball-field, multi-use path, comfort station, and landscaping of 22-acre Bush Terminal Piers Park. (EDC, 2012)
  - Williamsburg: Continue the phased acquisition, remediation, and development of the new Bushwick Inlet Park. (DPR, 2013)
- Queens**
- Long Island City: Complete construction of a new 5-acre waterfront park at Hunter’s Point South, featuring a dog run, comfort stations, concession, playground, basketball courts, green stormwater infrastructure, and public ferry access. (EDC, 2013)
- Staten Island**
- Fresh Kills: Develop the first public access areas overlooking Main Creek. (DPR, 2013)

### Develop waterfront Greenways and esplanades by investing over \$120 million

- Bronx**
- South Bronx: Complete improvements to the South Bronx Greenway. (EDC, 2012)
  - Complete Bronx River Greenway improvements. (DPR, 2013)
- Brooklyn**
- Brooklyn Bridge Park: Develop Brooklyn Bridge Park Greenway, linking the Columbia Street Greenway to DUMBO. (DOT/BBP, 2012)
  - Brooklyn Navy Yard: Complete redesign of Flushing Avenue between Williamsburg Street West and Navy Street. (DOT, 2013)
  - Red Hook: Build a multi-use path to connect Atlantic Basin to the Brooklyn waterfront greenway. (DOT, 2011)
  - Sunset Park: Complete study of bicycle and pedestrian connection from Hamilton Avenue Bridge to 2nd Avenue and Sunset Park path. (DOT, 2011)
  - Release Brooklyn Waterfront Greenway Master Plan, guiding creation of a 14-mile, multi-use waterfront path between Newtown Creek and the Shore Parkway Greenway. (DOT, 2011)

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#### LIST OF ACRONYMS

ARRA: American Recovery and Reinvestment Act

BBP: Brooklyn Bridge Park

BNYDC: Brooklyn Navy Yard Development Corporation

BPCA: Battery Park City Authority

CSOs: Combined Sewer Overflows

DCA: Department of Cultural Affairs

DCAS: Department of City Administrative Services

DCP: Department of City Planning

DEP: Department of Environmental Protection

DDC: Department of Design and Construction

DOB: Department of Buildings

DOE: Department of Education

DOHMH: Department of Health and Mental Hygiene

DOT: Department of Transportation

DPR: Department of Parks & Recreation

EDC: New York City Economic Development Corporation

HPD: Department of Housing Preservation and

Development

HRPT: Hudson River Park Trust

NYCHA: New York City Housing Authority

NYPD: New York City Police Department

OEM: Office of Emergency Management

OER: Office of Environmental Remediation

OMB: Office of Management and Budget

SBS: Department of Small Business Services

SCA: School Construction Authority

SLOSH: Sea, Lake and Overland Surges from Hurricanes

SMIA: Significant Maritime and Industrial Areas

SUNY: State University of New York

TGI: Trust for Governors Island

## Manhattan

- Lower Manhattan: Complete construction of 8.5 acres of East River Esplanade South between Battery Maritime Building and Pier 35, including Pier 15, to feature water uses, educational uses, and café. (EDC, 2012)
- Randall's Island: Complete waterfront pathways, including the Bronx Shore pathway, comfort stations, and seawall repairs. (EDC, 2013)
- Sherman Creek: Complete the Sherman Creek Waterfront Esplanade Master Plan to reclaim the Harlem River waterfront from Sherman Creek Inlet to W. 208th St. (EDC, 2011)
- Washington Heights: Restore the High Bridge over the Harlem River, and restore access paths within Highbridge Park to improve connectivity between Northern Manhattan and the Bronx. (DPR, 2011)
- Complete Manhattan Waterfront Greenway improvements, including Battery Bikeway, Dyckman Ramp, and a segment of the Lighthouse Link. (DPR, 2013)

## Staten Island

- Fresh Kills: Construct portions of the new Greenway. (DPR, 2013)
- Stapleton: Begin construction of 6-acre waterfront esplanade. (EDC, 2011)

# GOAL: Enliven the Waterfront

## Catalyze over \$150 million in public and private investment for waterfront development projects

### Brooklyn

- Brooklyn Army Terminal: Commence first phase of a commercial life sciences and technology center, and support workforce development and training programs, creating 1,000 jobs. (SUNY Downstate/EDC, 2012)
- Brooklyn Bridge Park: Issue RFP for adaptive re-use use of Empire Stores. (BBP, 2011)
- Brooklyn Bridge Park: Finalize agreement for community and cultural uses at Tobacco Warehouse. (BBP, 2012)
- Brooklyn Navy Yard: Issue RFP to privatize the 6-acre DCAS Auction lot to allow for redevelopment. (DCAS/BNYDC, 2013)
- Brooklyn Navy Yard: Begin public review and plan for the redevelopment of the 6-acre Admirals Row site, which will create approximately 500 industrial and retail jobs. (BNYDC, 2011)
- Brooklyn Navy Yard: Expand Steiner Studios to create a new studio and ancillary entertainment and media space, which will create 1,200 jobs. (BNYDC, 2013)
- Brooklyn Navy Yard: Begin construction on Green Manufacturing Center. (BNYDC, 2013).
- Coney Island: Complete development of 6.5-acre amusement park in historic Coney Island Amusement Area. (EDC, 2012)
- Mill Basin: Complete property transfer for commercial development with associated waterfront open space and permanent protection of Four Sparrows Marsh along Flatbush Ave. (EDC, 2011)
- Sunset Park: Issue RFP for the lease and development of an approximately 130,000-square-foot property at the Bush Terminal Complex, creating approximately 100 industrial jobs. (EDC, 2011)
- Williamsburg: Commence redevelopment of the Domino Sugar factory, including 30% affordable housing units, commercial space, community facility, and publicly-accessible waterfront open space. (HPD, 2013)

### Manhattan

- Battery Park: Complete renovation and restoration at historic Pier A for public use. (BPCA, 2011)
- Lower Manhattan: Develop hotel, restaurant, catering, and community use at Battery Maritime Building. (EDC, 2011)
- Stuyvesant Cove: Invest through in-kind contributions in Solar One, the City's first solar-powered Green Energy, Arts, and Education Center, for maintenance and operations of the adjacent park. (EDC, 2013)

### Queens

- Edgemere: Continue development of the Urban Renewal Area, adding an additional 434 homes, 5.5 acres of parkland, 4 acres of restored wetlands, and infrastructure and pedestrian improvements to the existing 307 housing-unit development. (HPD/DPR/DDC, 2013)
- Hunter's Point South: Commence construction of 900-1,000 new housing units, and complete construction of schools, roadways, sidewalks, street trees, and infrastructure. (HPD/SCA/EDC, 2013)
- Rockaways: Transform vacant lot at the Beach 80th Street Marina into a public waterfront esplanade, including docks, piers, a kayak launch, and a retail facility/catering hall. (EDC, 2011)
- Rockaways: Complete construction of next phase of Arverne by the Sea: the Dunes, a 270 two-family home development, and a new YMCA recreation center. (HPD, 2011)

### Staten Island

- Stapleton: Begin mixed-use development agreement of 7-acre New Stapleton Waterfront site. (EDC, 2011)
- St. George: Execute development agreement for residential, retail, and open space at the 24-acre, former Coast Guard site. (EDC, 2011)

## Promote historic maritime resources for educational and economic development

- Create uniform landing protocol and application for City-owned properties to facilitate docking of historic vessels. (Mayor's Office, 2012)
- Seek partnerships and funding to conduct citywide study of historic resources on the waterfront. (DCP, 2013)
- Brooklyn Navy Yard: Open exhibition and visitors center. (BNYDC, 2011)

## Promote water dependent uses on the waterfront

- Revise zoning to encourage redevelopment and reuse of vacant or underutilized waterfront sites by allowing greater flexibility to achieve certain goals, such as brownfield clean-up, adaptive reuse of outmoded buildings, expansion of maritime uses, and provision of in-water infrastructure. (DCP, 2013)
- Sunset Park: Relocate NYPD tow pound facility to revitalize maritime-related activities in South Brooklyn Marine Terminal. (EDC, 2012)