

Why: Existing Conditions



Who: Agency Partners

CORE PLANNING TEAM



PARTNER AGENCIES



How: Engagement Process

HPD facilitated a four-phase planning process over the course of a year as a joint effort between City agencies, community members, elected officials, local organizations, and residents.

October
2015

January
2016

September
2016

March
2017



October - December 2015

January - April 2016

May 2016 - February 2017

Starting March 2017

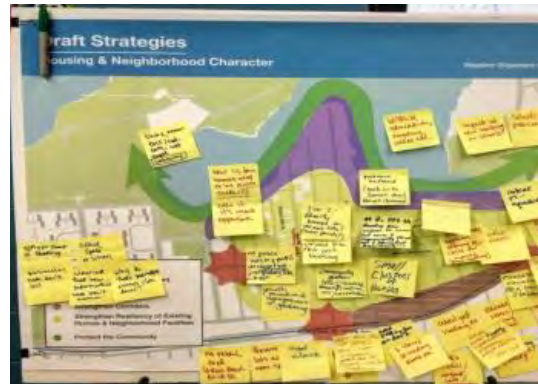
Workshop 1 & 2

Workshop 3

Workshop 4

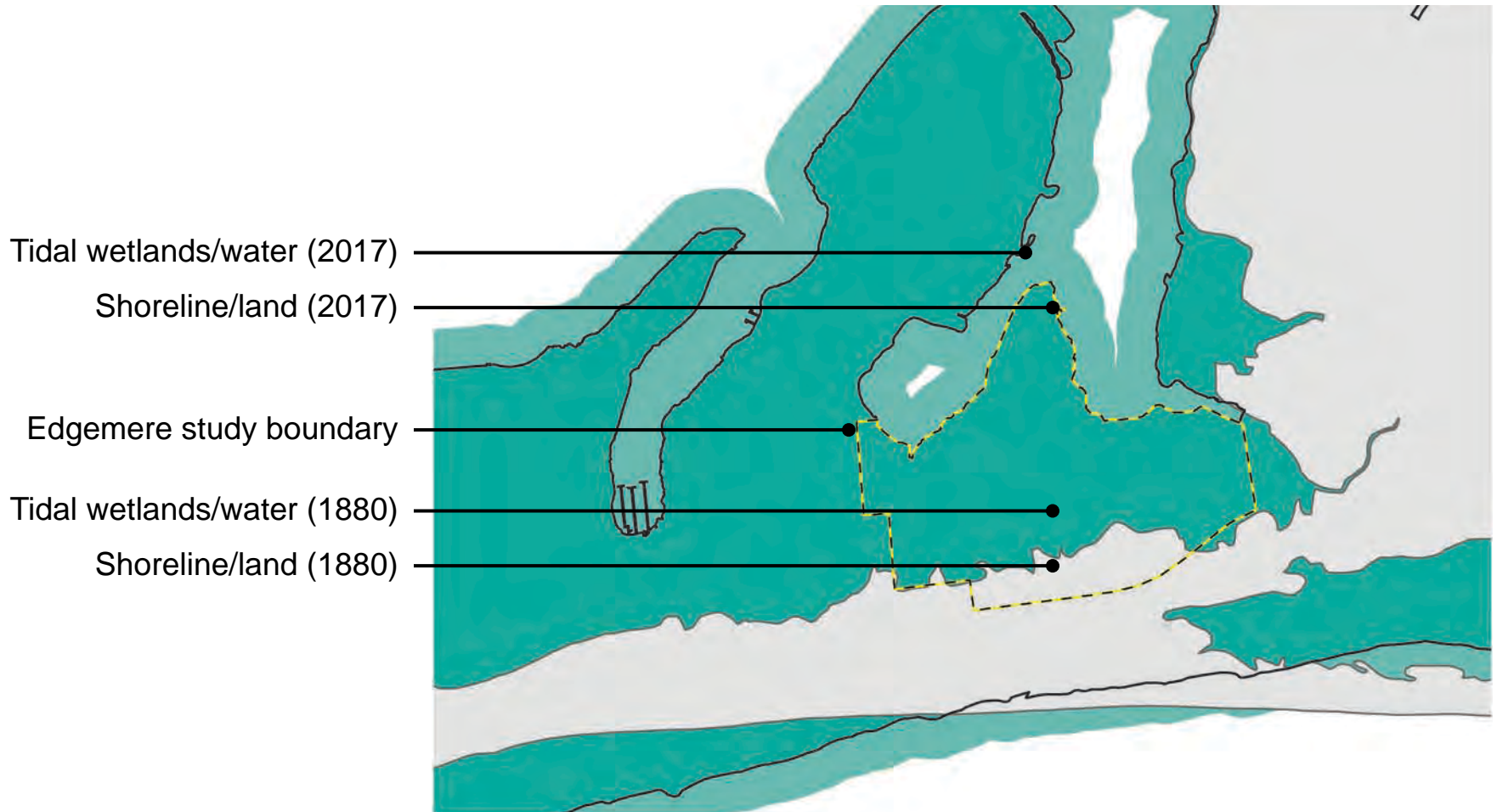
The Community Plan

How: Engagement Process

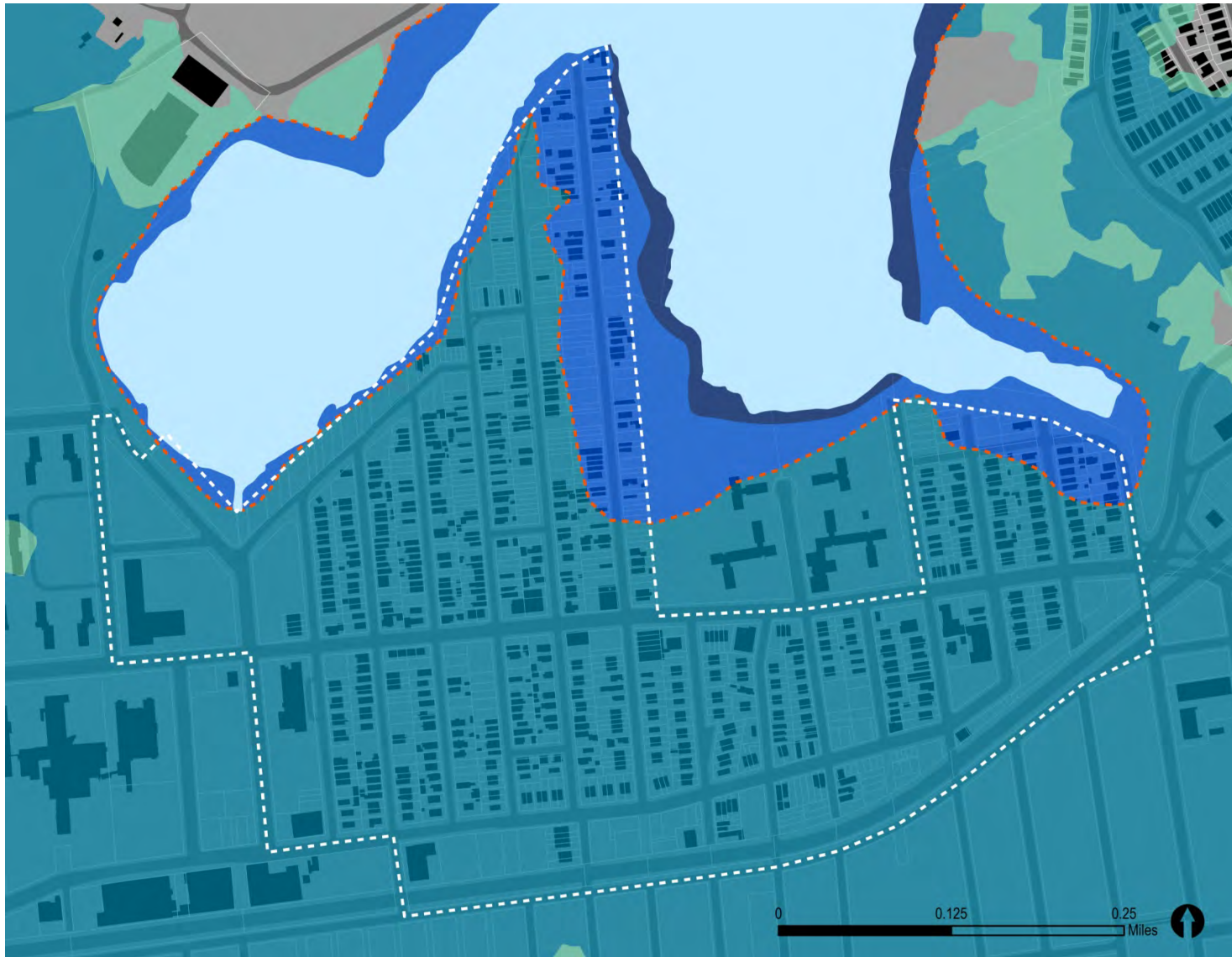


Appendix: Historical Shoreline Analysis

In 1880, the Edgemere Study Area was 85% tidal wetlands or water, and only 15% land



Appendix: FEMA PFIRMs 100-Year Floodplain





FLOOD ZONE: VE Coastal A A; AE; AO Shaded X
- - - - - Subject to Wave Risk (LiMWA) - - - - - Edgemere URA Study Area


Appendix: Daily Tidal Flooding – 2050s



SEA LEVEL RISE BASELINE
IN 2050s:

 MHHW +11"
(25th Percentile)

 MHHW +21"
(75th Percentile)

 MHHW +30"
(90th Percentile)

Plan Summary

The plan is organized by community goals (4), and further divided into strategies (16) and projects (60)

Protect the Neighborhood from Flooding



1. Strengthen the Coastal Edge

Advance a coastal protection feature that will protect against shoreline erosion, flooding from future storms, and daily high tides while enhancing active living and neighborhood ecology.



2. Adapt to Increased Flood Risk

Facilitate relocation away from extreme flood hazard, to help reduce damage from floods and create opportunity for coastal protection features.



3. Create Waterfront Connections

Although Edgemere is adjacent to Jamaica Bay and the Atlantic Ocean, the waterfront is inaccessible to the community. Increase access to the waterfront through the fulfillment of projects in the City's *Rockaways Parks Conceptual Plan*.



4. Improve Drainage & Water Quality

Edgemere's flat topography makes Edgemere vulnerable to flooding from with heavy rain and tidal fluctuations. The high groundwater and projected changes from sea level rise increase flood risk. While traditional sewers are improved, study alternative drainage solutions for Edgemere.

Create Resilient Housing and Maintain Low Density feel



1. Strengthen Resiliency of Existing Homes

Assist Edgemere's current residents, whether they live in one- and two-family homes or in Beach 41st Street Houses, to protect their homes and neighborhood from future storm events and sea level rise.



2. Focus Development Near Transit and Resources

Bring new retail and services to the neighborhood by prioritizing mixed-use retail and community facility space in multi-family developments on publicly-owned sites near existing transit and services.



3. Limit New Residential Development in Vulnerable Areas

Dedicate the use of publicly-owned vacant land along Jamaica Bay for public, nonresidential uses, such as new open spaces and a future coastal protection feature.



4. Fill in the Gaps

Facilitate the development of new homes for moderate- and middle-income homebuyers on vacant infill properties in areas less susceptible to flooding and to maintain neighborhood character.

Improve Streets and Transportation



1. Improve Pedestrian and Bicycle Access

Improve pedestrian crossings at key locations, including pedestrian access to Bayswater Park and the Bravo Supermarket, and investigate improvements to bicycle connections across the Peninsula and to existing regional bicycle networks.



2. Improve Transit Service & Reliability

Work with the MTA to improve bus service, reduce transit gaps, and improve reliability.



3. Improve Regional Access

Develop a long-term capital vision to improve residents access to opportunity throughout the Eastern Rockaways and beyond through coordination of this plan with the Transportation Infrastructure Generating Economic Recovery (TIGER) transportation planning study.

Increase Neighborhood Amenities



1. Expand Access to Quality Retail

Develop new retail space in new mixed-use developments on public sites, where possible, and support local community based organizations to attract and retain businesses in order to grow retail opportunities in Edgemere.



2. Improve Existing Facilities and Services

Reserve site on Rockaway Beach Boulevard for a future school and explore opportunities to include a health care facility in the future development of public sites in Edgemere that are less-at-risk from flooding and sea level rise.



3. Connect Jobseekers to Resources and Trainings

Explore expansion of Arverne Rockaway Workforce Career Center resources to community hubs in Edgemere.



4. Create a Healthier Neighborhood

Create recreation opportunities through open space improvements. Explore including health-focused community facilities in future development.



5. Improve Communications between New York City Officials and Residents

Educate residents and community-based organizations on emergency plans, resources and services. Encourage participation in New York City Emergency Management (NYCEM) communications networks.