



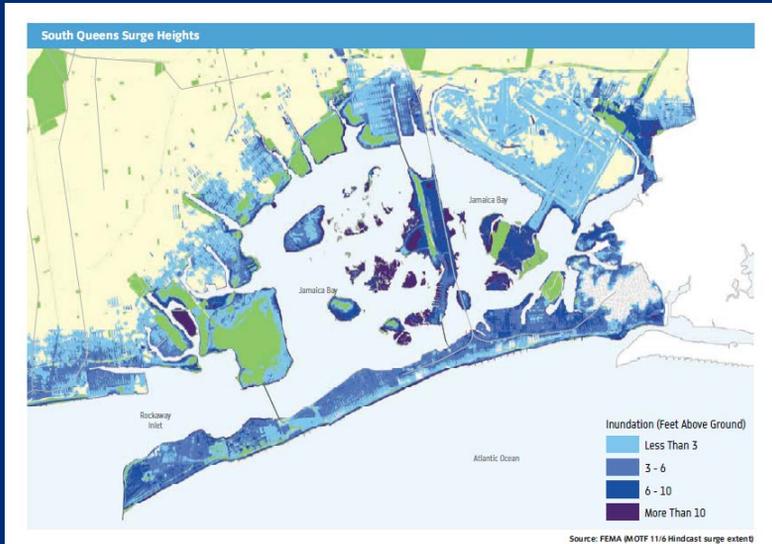
Department of
Environmental
Conservation

Spring Creek South HMGP Project

Site Sampling and Characterization

Last Updated December 3, 2015

FEMA Hazard Mitigation Grant



Goal: Reduce future disaster damages

Complement other Jamaica Bay projects (NY Rising, Rockaway/JB Reformulation...)



Project Area: National Park Service Gateway National Recreation Area Jamaica Bay Unit – Spring Creek



Phase 1 Status/Progress

- Agreements between USACE and NYSDEC executed and sampling permits obtained
- Scope of Work and contract awarded to Consultant Team in September
- Field work for baseline conditions started in October and will continue through February
- Data informs next round of concept plans – elevation, biota, soils, substrata, sea level rise, water modeling, economics

Baseline Data Collection

October- November

Wetland Delineation



Bathymetry

Baseline Data Collection: October- November



Biological surveys



**Aerial
surveys**



**Tide gauges and
current meters**

Baseline Data Collection December



**Topographic Surveys
(where aerials obscured – 4/5+ days)**



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Baseline Data Collection: Geotechnical Investigation - Soil Borings

January-February

- ✓ Delivery of ATV Rig and Water Truck to remain on-site
- ✓ Work Hours: 7AM-3PM +/-
- ✓ One Pick-up Truck on 165th Ave (at 7AM and 3PM)
- ✓ Duration: 2-3 weeks from start



Baseline Data Collection: Contaminant Characterization - Soil Sampling

January-February

- ✓ Delivery of Geoprobe and brush hog on-site
- ✓ Operational hours and traffic same as Geotech
- ✓ Duration: 5-6 weeks from start



Thank You

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DEC project webpage coming soon!



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