Environmental Impact Analysis

The following impacts could occur as a result of the Proposed Project under Alternatives 1, 2, and 3.

Beneficial Impacts
- Increased Flood Protection
- Improved Stormwater Conveyance
- New Green Infrastructure
- Improved Water Quality
- New Public Access to Hackensack River
- New Parks and Recreation
- More Pedestrian Pathways
- Upland Habitat Enhancements
- Wetland Creation / Enhancement
- New Construction and Operations & Maintenance (O&M) Jobs

Short-term Impacts (Construction)
- Noise / Vibration
- Dust / Air Emissions
- Traffic Disruption
- Property Easement Acquisitions
- Vegetation Removal / Soil Disturbance
- In-water Construction / Wetland Impacts
- Disruption of Contaminated Sites
- Temporary Upland and Wetland Habitat Disturbance

Long-term Impacts (O&M)
- Noise (Pump Stations)
- Sediment Transport (Improved Stormwater Conveyance)
- Utility Use
- Periodic Maintenance / Temporary Road Closures

Impact Definitions

Less-Than-Significant
- Impact BELOW significance threshold
- Measurable change on local or regional level
- Mitigation measures or best management practices (BMPs) may be recommended

Potentially Significant Adverse
- Impact EXCEEDS significance threshold
- Measurable change on local or regional level. If regulatory standards apply, standards would not be met
- Mitigation measures and BMPs are required. May or may not be able to be mitigated to less-than-significant levels

Beneficial
- Would cause a positive change or improvement in the environment
- No mitigation measures or BMPs necessary

21 Technical Resource Areas Analyzed

LAND USE + LAND USE PLANNING
- Socioeconomics, Community/Populations, and Housing
- Air Quality and GHG Emissions
- Recreation
- Noise and Vibration
- Geology and Soils
- Environmental Justice
- Cultural Resources
- Coastal Zone Management
- Sustainability/Green Infrastructure
- Utilities and Service Systems
- Water Resources
- Hydrology and Flooding
- Mineral and Energy Resources
- Agricultural Resources and Prime Farmlands
- Hazards and Hazardous Materials
- Transportation and Circulation

REBUILD BY DESIGN
MEADOWLANDS
DRAFT ENVIRONMENTAL IMPACT STATEMENT (DEIS)
PUBLIC HEARING

TUESDAY, JUNE 26, 2018
Robert L. Craig Elementary School
20 West Park Street
Moonachie, New Jersey 07074
What's the Story?

The Rebuild By Design Meadowlands (RBDM) Flood Protection Project (Proposed Project) is a comprehensive urban water management project designed to reduce the risk of floods from coastal storm surges and/or systemic inland flooding from high-intensity rainfall events in the Boroughs of Little Ferry, Moonachie, Carlstadt, and Teterboro, and the Township of South Hackensack, all in Bergen County, NJ.

This Proposed Project was developed from a concept conceived through the Hurricane Sandy Rebuilding Task Force's RBD program, a design competition to promote the development of resiliency in the Sandy-affected region, and has been allocated $150 million in grant funds from the United States (US) Department of Housing and Urban Development (HUD) for design and construction. In accordance with the conditions of this funding, the Proposed Project must have independent utility and be fully implemented by September 2022.

The DEIS describes three Build Alternatives to implement the Proposed Project, as well as a No Action Alternative, and analyzes the anticipated environmental impacts of each. The Build Alternatives are illustrated on the following pages.

Alternative 1

Alternative 1 would implement a line of protection around the Proposed Project, as well as a No Action Alternative, and be fully implemented by September 2022. This Proposed Project was developed from a concept conceived through the Hurricane Sandy Rebuilding Task Force's RBD program, a design competition to promote the development of resiliency in the Sandy-affected region, and has been allocated $150 million in grant funds from the United States (US) Department of Housing and Urban Development (HUD) for design and construction. In accordance with the conditions of this funding, the Proposed Project must have independent utility and be fully implemented by September 2022.

Alternative 2

Alternative 2 would reduce inland flooding in the Project Area that results from high-intensity rainfall events. This would be accomplished through new construction of both grey and green infrastructure in key locations throughout the Project Area to improve stormwater drainage.

Alternative 3

Alternative 3 was separated into two stages: a Build Plan and Future Plan. The Build Plan, which could be implemented as part of the Proposed Project and is analyzed in detail in the DEIS, would reduce inland flooding in the Project Area, similar to Alternative 2. The Future Plan, which would include additional inland flood protection and the Alternative 1 coastal flood protection in the Project Area, could be constructed by others over time as funding sources become available and construction feasibility allows. The Future Plan is evaluated in the Cumulative Impacts analysis of the DEIS.

WHERE TO FIND ADDITIONAL INFORMATION

For further information, or to read the DEIS, please visit the Proposed Project’s website: www.rbd-meadowlands.nj.gov