

**Sea Level Rise and Coastal Storm Impact Planning**  
**Draft Recommendations**  
For RAC Consideration  
October 9, 2018

Recommendation SLCS1: Anticipated Useful Facility Life

The required plan for sea level rise and coastal storms over the “anticipated useful life of the facility and infrastructure” should have a planning horizon of no less than 60 years. The plan can include a longer planning horizon depending on the particular facility.

Recommendation SLCS2: Geographic Scope of Plan

The plan should detail risk, likely impacts, and mitigation measures for the following geographic areas:

- A. The site’s shoreline and near-shore areas
- B. Docks, piers, and offshore pipelines
- C. All remediation areas on-site
  - a. Includes completed remediation areas and those in progress
- D. All structures on-site
- E. Ingress/egress routes

The plan should also include a discussion of any potential negative impacts to adjacent parcels resulting from development and flood mitigation activities

Recommendation SLCS3: Risks to be Considered in Plan

The plan should address the following hazards over the anticipated useful facility life:

- A. Flooding
  - a. 1% chance flood (100-year floodplain as defined by FEMA)
  - b. 0.2% chance flood (500-year floodplain as defined by FEMA)
  - c. High sea level rise scenario (as defined by the DE SLR Technical Committee)
  - d. Combined effect of sea level rise and 1% chance flood
- B. Shoreline Erosion
- C. Wind speeds up to 95 mph, sustained (Category 1 hurricane)