Environmental Impacts of Newark Bay CAD

NJIT Panel
July 22, 2014
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Environmental Stewardship Concepts, LLC

FOIA_06476_0002013_0001

Risk of resuspension of contaminated sediments

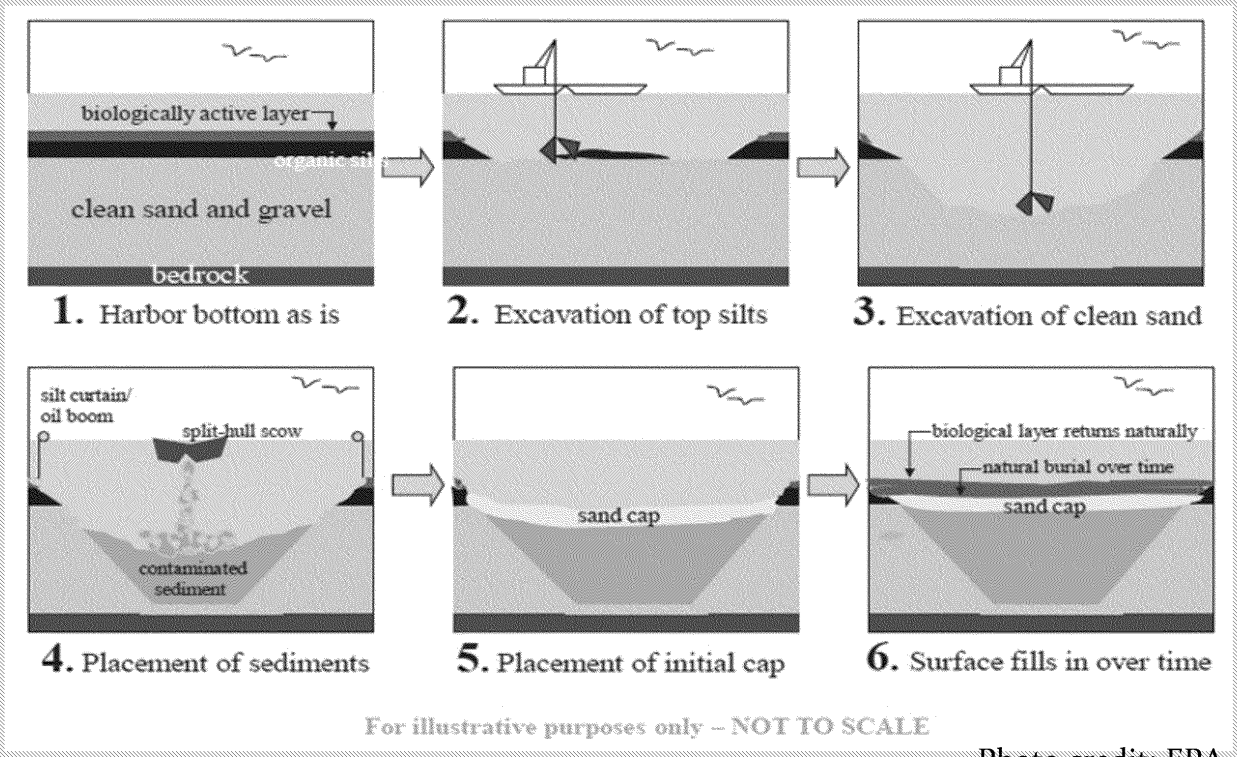


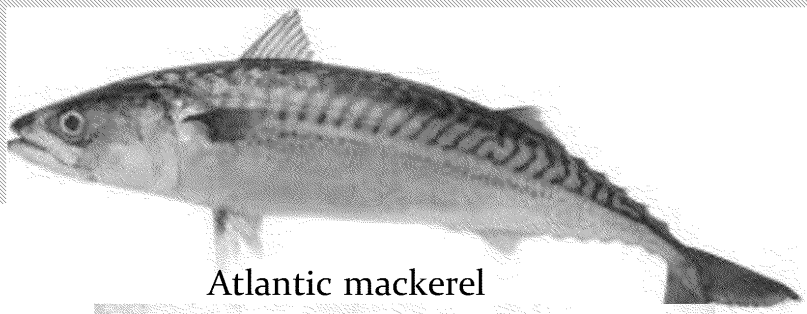
Photo credit: EPA

Adverse effects on water quality

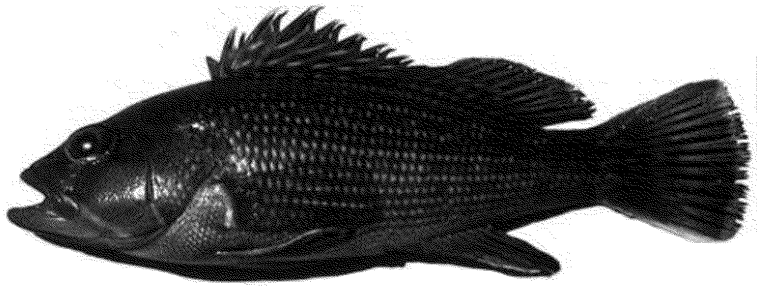
* Increased suspended sediment levels
  * Reduced dissolved oxygen levels

Photo credit: northjersey.com

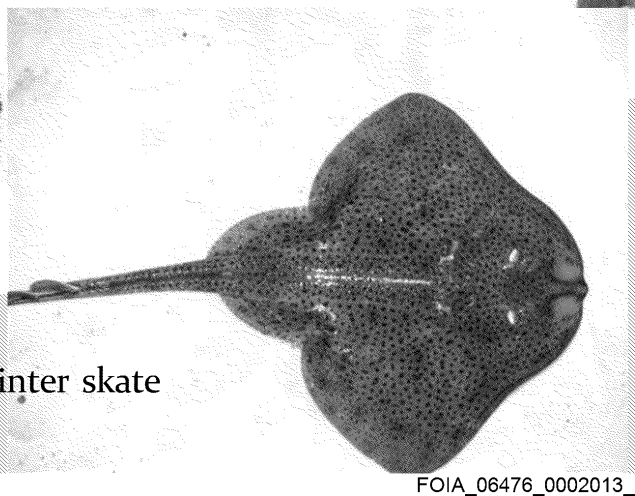
Disruption of Essential Fish Habitat for 16 NOAA-designated species



Atlantic mackerel



Black seabass



Winter skate

Photo credit: Florida Museum of Natural History

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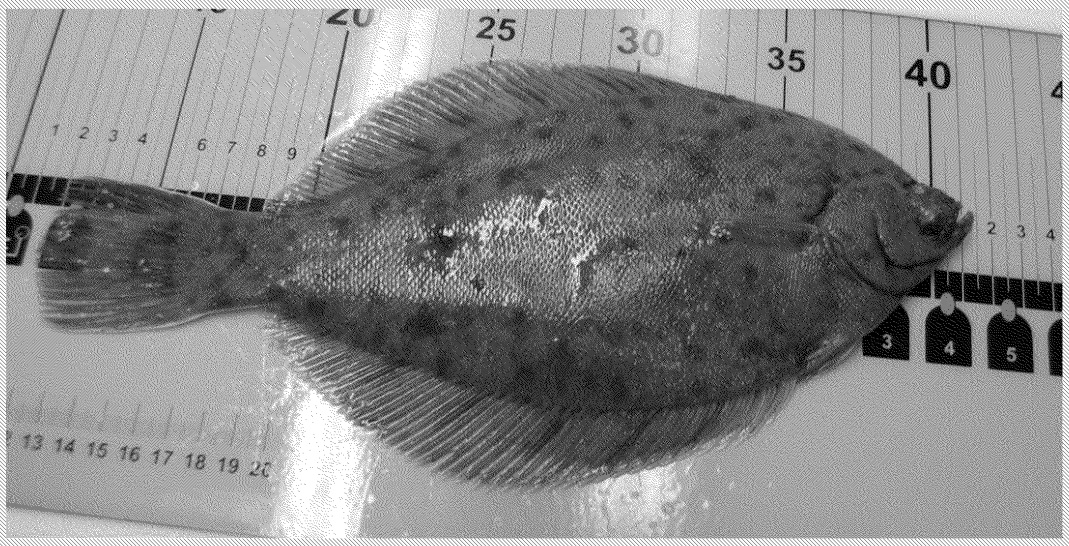
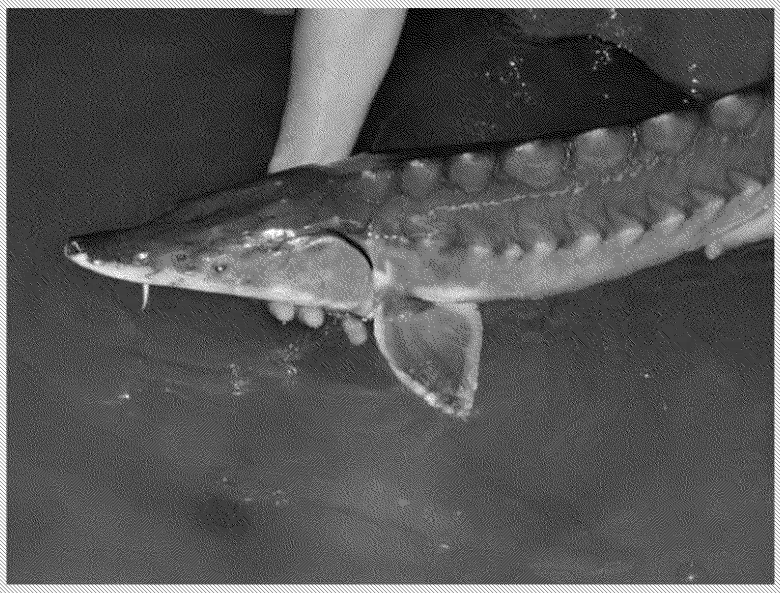
Elimination of 80 acres of subtidal shallow water habitat & forage habitat



Winter flounder
Photo credit: bio.umass.edu

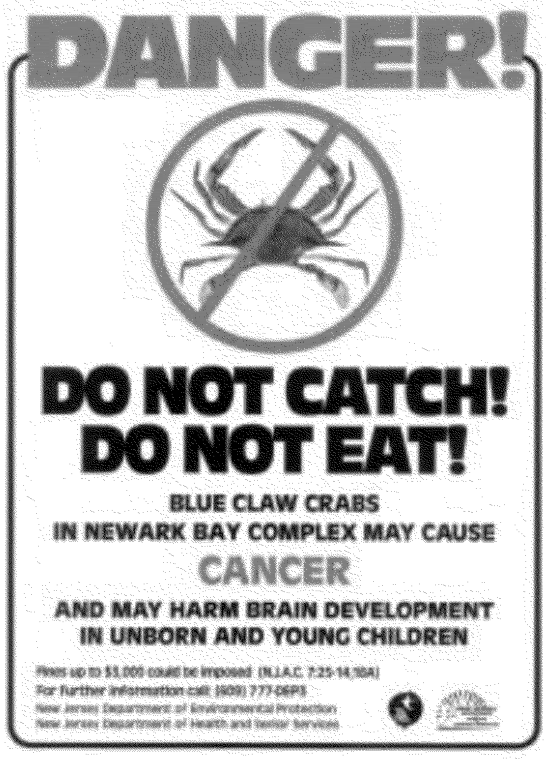
Interruption of diadromous fish migration



Atlantic sturgeon, endangered species
Photo credit: USFWS

Loss of edible species from Newark Bay

Eastern oyster
Photo credit: Woods Hole Oceanographic Institute



Questions?

Environmental Stewardship Concepts, LLC
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