



Federal Agencies Come Together to Address Sea Level Rise Threat to Infrastructure

Passamaquoddy Tribe at Pleasant Point, Maine

Lessons Learned and Recommendations:

- Clearly state the threats posed to the community and infrastructure to spur action
- Pictures, diagrams and data help tell the story, showing change over time
- Present the threats to people in positions of leadership who can leverage resources
- Combine various sources of funding and focus on a long-term solution
- Design future facilities to withstand the impacts of sea level rise and threats from extreme weather

What they did, and why:

The Pleasant Point shoreline has eroded approximately 13 feet since 2000, which has exposed the base of a terminal manhole for a wastewater treatment plant outfall system to the sea.

Recognizing the imminent threat to the wastewater treatment plant, nearby houses, and community resources, Passamaquoddy Tribal leaders requested assistance from the federal government during a tribal visit in September 2014. Several federal agencies, the Tribe and the State of Maine came together for an initial meeting in March 2015. The meeting resulted in the identification of various funding and assistance resources (EPA, HUD, USACE, IHS) to address the problems.

A vulnerability assessment was completed in December 2018, with planning for implementation of recommendations underway. A shoreline revetment project is anticipated to be completed within the next year.



COL Chris Barron provides an overview of Pleasant Point erosion during a meeting.

For more information:

Captain Michael Stover, PE
Indian Program Manager
EPA New England

Phone:

617-918-1123

Email:

Stover.Michael@epa.gov

Benefits:

- The homes, offices and wastewater treatment plant at Pleasant Point Reservation will be better protected from future storms, and an imminent disaster has been averted.
- Coordinating and leveraging efforts led to the best use of limited dollars.