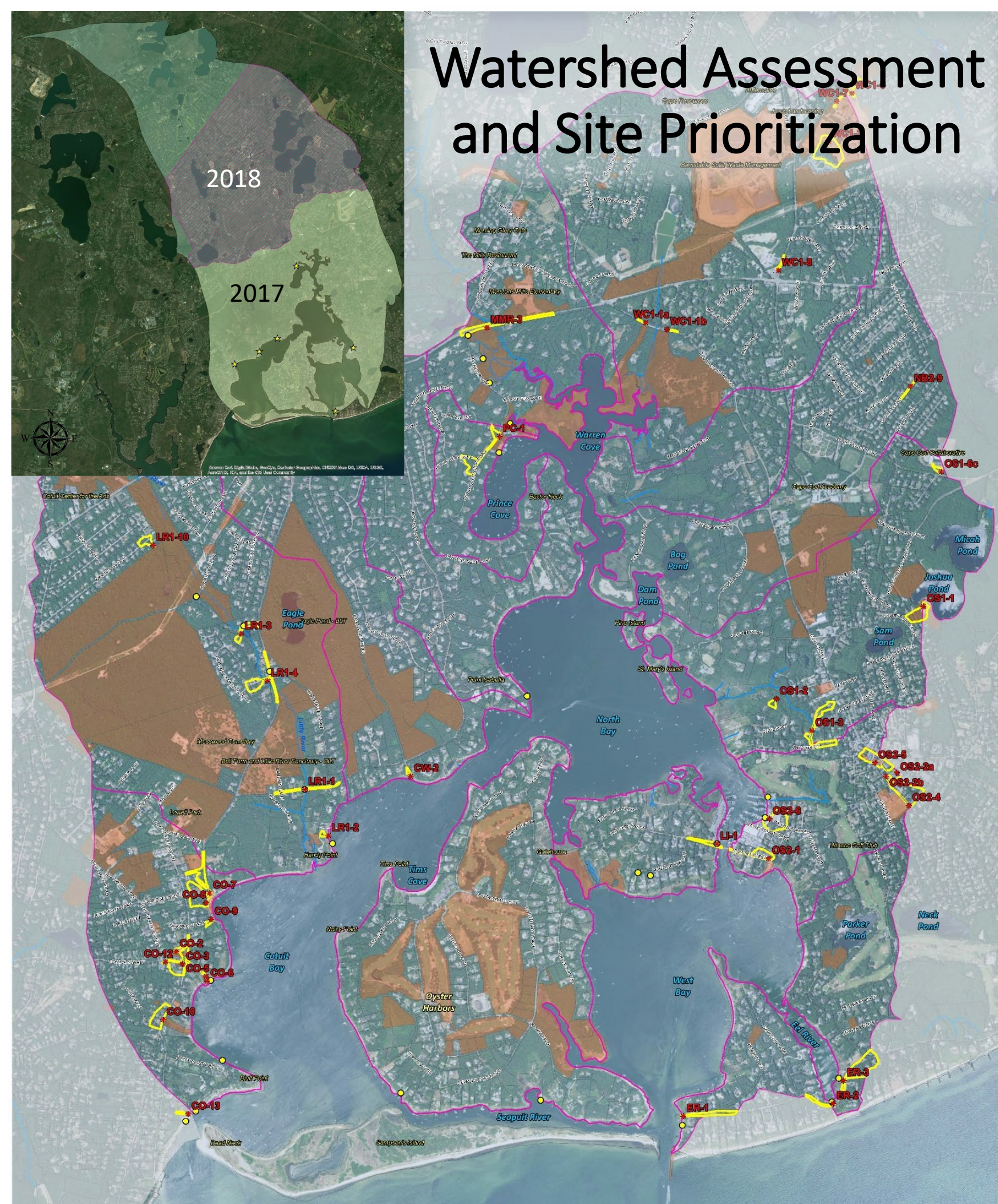
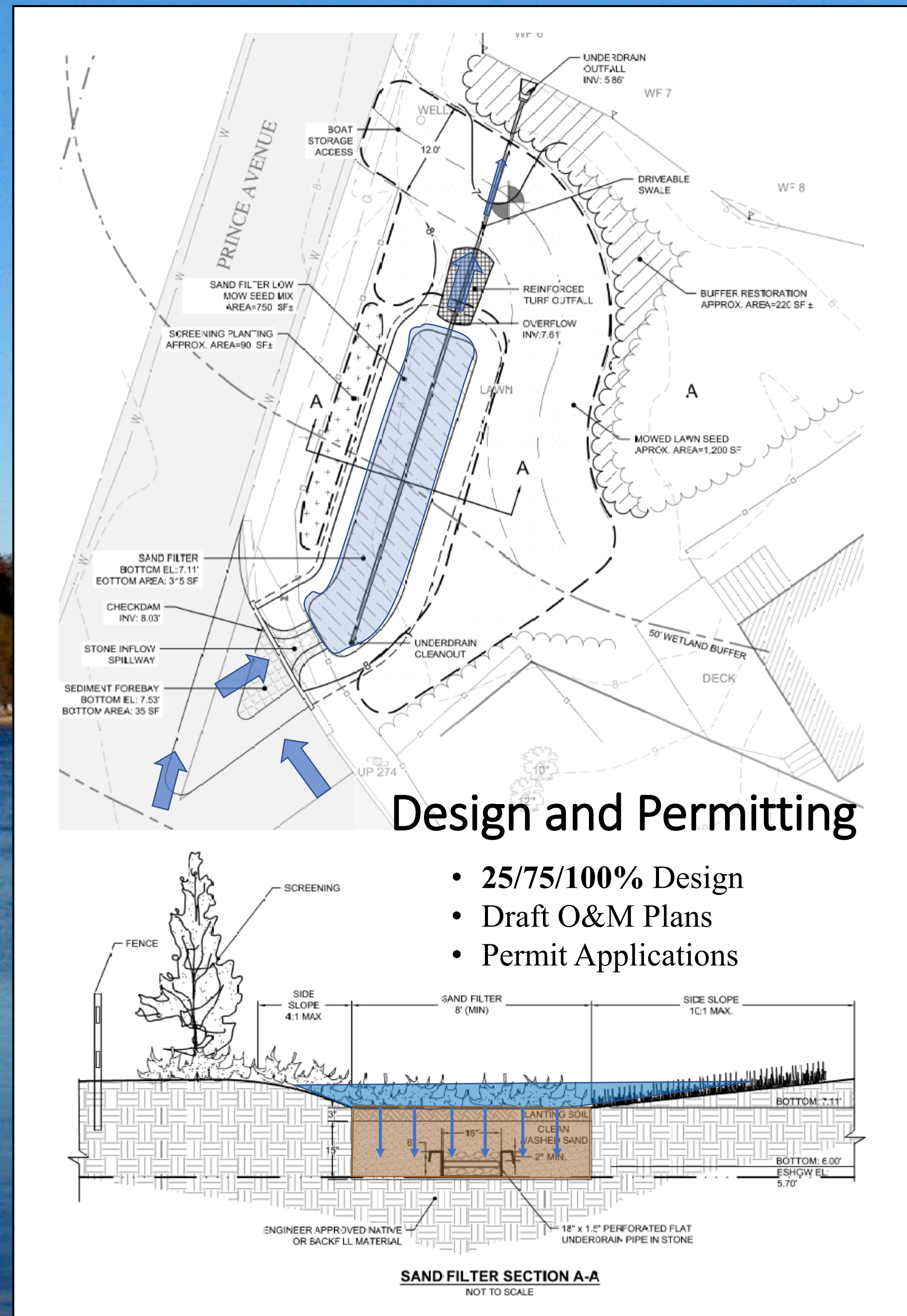


# Improving Water Quality in the Three Bays Through Stormwater Management



- Development of **Watershed Report**
- **Concept Designs** for Potential Green Infrastructure Retrofits
- **Prioritization of Retrofit Sites** by: Pollutant Removal, Cost, Ease of Implementation, Benefits to Shellfish/Beaches, Public Demonstration Project



- **25/75/100% Design**
- **Draft O&M Plans**
- **Permit Applications**



Fall 2018: Construction of 4 BMPs  
Spring 2020: Construction of minimum 2 additional BMPs

Photo Credit: Barnstable Clean Water Coalition (BCWC)

## Impact

- Eliminate 70-85% of bacteria and 55% of nitrogen from stormwater runoff at retrofit sites
- 50% reduction in beach and shellfish closures in embayments
- Reduction of algal blooms and fish kills
- Improve habitat for fish, shellfish and other wildlife
- Reduce impervious surface
- Restore salt marsh and coastal dunes/beaches
- Remove invasive plant species
- Provide improved public access
- Support commercial and recreational uses



Photo Credits: BCWC

## Education and Outreach

## Maintenance Workshops



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