

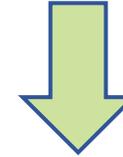


**Throwe
Environmental**

Project Overview: SNEP Network & Pleasant Bay Alliance

February 2021

Project Summary



Technical services SNEP will provide to PBA:

1. Land-use regulations and bylaw review (recommendations for consistency)
2. **Exploration of Financing Options** (sustainable and scalable options for stormwater management, long-term project implementation and community resilience)
3. Facilitated discussions with EPA and Massachusetts DEP (pollution removal related to stormwater)

- **Ask Key Financing Questions:** SWFWG shares needs, challenges, and opportunities; Project Team leads Q&A
- **Explore Intermunicipal Financing Options:** Memo and presentation highlighting 6 stepwise levels of collaboration
- **Collaboration (Option 2):** Explore benefits, barriers, and areas for collaboration
- **Identify Greatest Opportunities:** Highlight potential efficiencies and make the connection to climate resilience

Stormwater and Community Resilience Funding and Financing Strategy:

1. **Regional MS4 Compliance Program** (conduct analyses and find efficiencies)
2. **Intermunicipal Stormwater Master Plan** (incorporate stormwater into restoration efforts with PBA as facilitator)
3. **Expand PBA and Coordinate Resilience Response** (Maximize efficiencies, build on PBA's successes, and address climate change proactively)

Key Findings

- Water quality restoration is *currently* the primary driver of stormwater management on Cape Cod, and in Pleasant Bay watershed
- **Climate resilience *will soon become* the primary stormwater issue in Pleasant Bay communities**
 - Based on short- and long-term economic impacts, we believe this to be the most significant challenge facing PBA
- It is critical that Pleasant Bay communities have the institutional capacity within natural resource restoration and protection financing systems to address these challenges

Recommendations

1. Create a regional MS4 permit compliance program

- While six MS4 MCMs are *minimum* measures, there is room for regional efficiencies
- Conduct fiscal analyses in each community to find cost-reduction/collaboration opportunities
- Revise PBA Intermunicipal Agreement to support MS4 collaborations

2. Draft stormwater master plan to identify interjurisdictional projects

- Leverage PBA's unique position to facilitate intermunicipal master plan
- Move towards incorporating stormwater into regional water quality restoration efforts through PBA
- Increase PBA's strength, organization, and efficiency

3. Expand PBA to coordinate a long-term climate resilience response

- Proactively address the regional challenges associated with stormwater flooding (short-term) and long-term climate resilience
- Leverage and expand on innovative potential of PBA as guiding institution
- Consider the potential institutional frameworks for regional financing

Conclusion & Discussion

- **Recommended next step: *Convene a task force to design and consider implementing a new regional resilience financing system***
 - Key Focuses: Building sustainable financing capacity, stabilizing program control and investments, creating administrative efficiencies, and effectively managing short- and long-term needs
 - Combining restoration and resilience with streamlined management (i.e., through PBA) offers tremendous stormwater efficiencies
- New and innovative financing approaches are need across Cape Cod. **Pleasant Bay has an opportunity to lead this conversation regionally.**
- Questions and feedback?