

Town Landing - Proposed Concept Design Mashpee, MA

The Town Landing site serves as a public access boat launch and fishing area on Santuit Pond. The Town of Mashpee was awarded two Municipal Vulnerability Preparedness (MVP) Action Grants during FY22 and FY23 to address stormwater runoff, one of the primary external or watershed sources of excess nutrients to Santuit Pond. MVP grant funds were used to develop a design concept for Town Landing that incorporates climate resilience and water quality measures.

Given the importance of the Town Landing site to the Town, recreational users, Friends of Santuit Pond, and the Mashpee Wampanoag Tribe, a community visioning workshop, public site visit, and stakeholder meetings were held to gather input and opinions about its redesign. The proposed concept for this site reflects the diverse interests of the key stakeholders and users of the site and advances the Town’s water quality and climate resilience goals. Key elements of the proposed concept for the site include:

- Improved Stormwater Management – permeable surfaces, bioretention, and water quality swales and rain gardens to capture, treat, and infiltrate road runoff and reduce loadings of sediment and nutrients to the pond.
- Other Water Quality and Ecological Improvements – enhanced shoreline vegetated buffers and restoration of a degraded, low-quality wetland along the site’s southern shoreline.
- Site Reconfiguration – changes to the layout and use of the site to allow for motorized boating access at one of the two existing boat launch areas as well as dedicated vehicle and trailer parking in the upper portion of the site.
- Site Repurposing – dedicated facilities and areas of the site for non motorized boating (canoes, kayaks, etc.), shoreline fishing, walking trails, and educational features about stormwater management, water quality, climate resilience, and the history and cultural significance of Santuit Pond for the Mashpee Wampanoag Tribe.

Estimated Cost	
\$730,000	
Long-Term Pollutant Load Reductions	
• Total Suspended Solids	99% (832 lbs/yr)
• Phosphorus	89% (2.8 lbs/yr)
• Nitrogen	96% (13.1 lbs/yr)



CONCEPT PLAN LEGEND

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| 1. PARKING AREA WITH PERMEABLE PAVEMENT | 5. BOAT LOADING AREA & VEHICLE TURN-AROUND | 9. KAYAK/CANOE LAUNCH |
| 2. PEDESTRIAN PATH TO BOAT RAMP/PARKING | 6. RAIN GARDEN WITH POLLINATOR PLANTINGS | 10. SEASONAL FISHING PLATFORM |
| 3. SMALL PLAZA WITH EDUCATIONAL SIGNAGE | 7. INTERMITTENT RUBBLE STONE WALL BARRIER | 11. KNOLL WITH BENCH SEATING & VIEWS OF WATER |
| 4. BOAT RAMP | 8. CENTRAL PLAZA WITH PICNIC AREA & SEATING | 12. RESTORED & ENHANCED WETLAND FEATURE |
| | | 13. RESILIENCE TRAIL SYSTEM |
| | | 14. BIOSWALE |
| | | 15. GATE FOR RESTRICTED ACCESS |
| | | 16. ENHANCED VEGETATIVE BUFFER |





ENHANCED VEGETATIVE
BUFFER

RESTORED & ENHANCED
WETLAND FEATURE

RESILIENCE TRAIL
SYSTEM

RAIN GARDEN WITH
POLLINATOR PLANTINGS

PICNIC AREA

BOAT RAMP

KAYAK/CANOE LAUNCH



f FUSS & O'NEILL





BOAT RAMP

KAYAK/CANOE LAUNCH

PICNIC AREA

SEASONAL FISHING
PLATFORM

KNOLL WITH BENCH
SEATING & VIEWS OF WATER

RESILIENCE TRAIL
SYSTEM

PATH TO UPPER
PARKING AREA

RAIN GARDEN WITH
POLLINATOR PLANTINGS

