Rumney Marsh Restoration Areas

Melrose
Saugus
Lynn
Malden
Everett
Revere
Saugus River
Bear Creek
Outlet to Broad Sound
Pines River
Broad Sound
Revere Beach

Ballard St Tidegate
Leaking temporary flap gate; Future project under design to restore marsh; Phragmites dominated.

Ballard St Restoration (34.5 ac)

Seagirt Ave Marsh (3.4 ac)

Seagirt Ave Marsh Tidegate
Obstructed culvert and ditch; missing tide gate.

I-95 Salt Marsh Restoration Area 6 (7 ac)

Ballard St Restoration

Crescent Marsh (22.8 ac)

GE Salt Marsh Mitigation (0.2 ac)

RESCO Salt Marsh Restoration Area (1 ac)

Crescent Marsh Culvert
Culvert replacement needed due to failure and obstruction.

Potential Lynn South Harbor Shoreline Restoration (2.0 ac)

I-95 Salt Marsh Restoration Area 5 (1.3 ac)

Former Bristow St Tidegate
Temporary blocked culvert; Missing tide gate; Future project under design to restore marsh; Phragmites dominated.

Proposed DCR Nahant Causeway Mitigation (0.8 ac)

Park Street Marsh Restoration Area (6.1 ac)

Massport Logan Airport Mitigation (4.7 ac)

Saugus Racetrack (10.3 ac)

I-95 Salt Marsh Restoration Area 4 (3.6 ac)

Saugus River Navigation Project Mitigation (5.1 ac)

Route 107 Wetland (1.2 ac)

Route 107 Bridges Mitigation (0.6 ac)

Landfill Salt Marsh Restoration Area (3.0 ac)

Linden Brook Restoration (0.6 ac)

Linden Brook Tidegate
Leaking flap gate.

Saugus Racetrack Open Marsh Water Management (OMWM) (8.6 ac)

DCR Nahant Causeway Mitigation (3.3 ac)

Saugus Landfill Freshwater Wetland (0.1 ac)

Gravel Gerties Upland Fill (0.6 ac)

I-95 Salt Marsh Restoration Area 1 (3.5 ac)

Dewey Daggett Landfill Shoreline Stabilization (0.2 ac)

Route 1A Tidegate #1
Missing top floats need replacement for flood control.

Route 107 Bridges Mitigation Culvert
Failed culvert replaced to restore salt marsh

Townline Brook Tidegates
Three SRTs are not being operated per permit conditions. Two bottom floats missing.

Copeland Circle Tidegate
This flap gate only supports salt marsh from leakage.

Roughan's Point Clam Flat (2.2 ac)

Route 1A Tidegate #2
Missing top floats need replacement; Obstructed culvert

Central Artery Enhancement Areas

Route 107 E Branch Pines River

Pines River Railroad Crossing

Route 1A Tidegate #3
Crushed culvert outlet needs replacement.

Route 1A Tidegates #1-4 Marsh (5.4 ac)

Townline Brook Marsh Restoration (39 ac)

Central Artery Enhancement Cell 2a & 2b (0.4 ac)

I-95 Embankment

DCR Salt Marsh Restoration Area (3.5 ac)

Route 1A Tidegate #4
Grated vault covers stolen from 1-4 need replacement.

Central Artery Marsh Restoration (12.5 ac)

No Man's Land (1.5 ac)

Route 107 Pines River

Route 1A Tidegate #5
Undersized culvert (24 inch) with 48-inch SRT. Replacement with a larger culvert needed.

Copeland Circle Wetlands (2.4 ac)

Caruso Marsh Restoration (2.4 ac)

Central Artery Enhancement Areas (3.5 ac)

Route 107 Diamond Creek

Route 1A Tidegate #6
Completely obstructed 600 foot long culvert.

BJ's Salt Marsh Restoration (0.3 ac)

Route 1A Tidegates #5-6 Marsh (9.5 ac)

NRD Compensation Project Area (1.3 ac)

DCR Salt Marsh Restoration Area 2 (0.8 ac)

Oak Island Tidegate
Vandalized SRT was replaced with a new combo gate in 2013. Portions of wetland excavated to restore salt marsh with muted tidal hydrology.

RAM Mitigation Project Area (4.2 ac)

Naples Rd Marsh (1.3 ac)

Hastings St Salt Marsh (6.5 ac)

Central County Ditch Tidegate
Not being operated properly to maximize restoraton; Needs bottom float installation.

Oak Island Marsh Restoration (19.2 ac)

Central County Ditch Marsh Restoration (23 ac)

Eastern County Ditch (1.5 ac)

Status of Restoration Areas

- **Complete** (65.2 acres)
- **Proposed** (38.7 acres)
- **Potential Upland Fill Removal Area** (39.5 acres)
- **Insufficient Tidal Flow; Invasive Species Dominated** (123.9 acres)

Total Restoration Area: 267.3 acres

Historical Wetland Fill Area (1803 - 2007)
Estimated 45% Loss of Original Rumney Marsh

Tidal Restrictions

Successful Project: Sufficient tidal flow to maintain a healthy salt marsh

Insufficient tidal flow to maintain a healthy salt marsh

Tidal Restrictions Symbol Key

- Self Regulating Tide Gate (SRT)
- Flap Gate
- Other Restriction
- Culvert

N

0 0.25 Miles

EPA

Map created by EPA Region I GIS Center
Map Tracker ID 9980 October 16, 2014
Data Sources: USGS Color Ortho Imagery (2013)
Land Fill Areas deliniated using current MADEP wetlands layer, 1903 and 1943 USGS topographic maps, and Digital Globe 2007 aerial imagery.