

Regional Projects Addendum to the
Somerset – Swansea – Dighton
MVP Plans

October
2020



Resilient Taunton Watershed Network

SOMERSET-SWANSEA-DIGHTON MVP PLAN/REGIONAL ADDENDUM SUPPLEMENTAL SCOPE

Task 1. Convene and conduct a Regional MVP Workshop

On October 15 and 21, 2020, a regional MVP meeting/workshop was convened by the local Core Team (Somerset), with the Provider, and partnering towns (Swansea and Dighton) to review the recommendations in their individual plans that involve regional assets and afford opportunity for cooperative, inter-municipal approaches to addressing environmental, infrastructural, and societal vulnerabilities, as well as to look at new opportunities resulting from this regional meeting. The meeting was socially distanced, and hosted by the Town of Dighton in the large meeting room of the Old Dighton Town Hall.

It was mutually agreed upon that the local Core Team Leaders (Nancy Durfee, Somerset; Nancy Goulart, Dighton; Colleen Brown, Swansea) would solicit input from their respective Core Teams, and bring that information to the regional meetings. All information was recorded on the standard MVP/CRB matrices, and all potential projects were located on a draft regional map.

Task 2. Set of MVP Regional Maps and GIS files for the Towns of Somerset, Swansea, and Dighton

A final set of hazard/vulnerability/potential regional project maps will be developed, from the activities undertaken in Task 1, and reviewed with the participating town representatives and their Core Teams. An approved final map is included in the addendum, and along with the narrative, will become part of the MVP Plans for each of the participating towns. GIS files will be made available to the Towns for integration into their other community plans.

Task 3. Assess and summarize vulnerabilities/projects matrices and prepare a regional addendum for the participating community MVP Plans

As stated above, the approved list of identified regional vulnerabilities/potential projects identified in Task 1 will appear in a final list of recommendations for the regional addendum.

Task 4. Aid the towns in submitting the Somerset/Swansea/Dighton regional addendum to EEA.

The approved final addendum maps and regional plan will be completed and the plan will be submitted to EEA MVP Regional Coordinator for final review.

SOMERSET/SWANSEA/DIGHTON REGIONAL VULNERABILITY CONCERNS

INFRASTRUCTURE (Red Dots on the Regional Map)

1. Feasibility study for the Somerset Reservoir Dam and associated infrastructure, **and 3.**, the culverts on North Street and Elm Street in Somerset, in relation to regional flood impact **(HIGH PRIORITY) ***
2. Acquire the Warren Reservoir in Swansea in order to enhance regional water supply assets
4. Feasibility study of the Muddy Cove Pond dam and land off of Elm St., at Sally Richmond Brook, as part of a regional flood, recreational, and water assets strategy
- 5 – 13. Assess the following bridges and culverts for flood hazard remediation with sea level rise and tidal surge:
 5. Route 103 bridge over the Lees River
 6. Culvert on Route 6 at the near the Venus de Milo
 7. Pleasant Street at Muddy Cove **(HIGH PRIORITY) ***
 8. Interstate Route 195 bridge near Ocean Blvd. and Halsey Rd.
 9. Briggs Street Bridge
 10. Center Bridge at Middle Street
 11. Baker Rd. culvert on the Coles River **(HIGH PRIORITY) ***
 12. Locust St. culvert
 13. Route 138, Elm Street, Whetstone Hill/and around the reservoir **(HIGH PRIORITY) ***

ENVIRONMENTAL (Green Dots on the Regional Map)

1. Increase the land holdings around, and saltmarsh protection and remediation in, Broad Cove*
2. Conduct a Phase 2 study on the landfill off of Hart St.
3. Increase the holdings off of Sharp's Lot Rd., north of Marvel St., and in Dighton, in order to protect the headwaters of the Coles River*
4. Increase holdings off of Cedar St. to protect the Dighton water supply*
5. Increase holdings in Dighton and Somerset in the Elm St. area of the Labor-in-Vain Brook watershed*

(COLLECTIVELY, ACTIONS 1, 3, 4, and 5 are HIGH PRIORITY)

6. Feasibility study of the Muddy Cove Pond dam and land off of Elm Street, at Sally Richmond Brook, as part of a regional flood storage, recreational opportunity, and water assets strategy
7. Assess our shared watershed and sub-watershed resilience capacity*
8. Assess the role of our green infrastructure and open space in terms of long-range resiliency planning*
9. Protect land and flood storage capacity in the headwaters of the Segregansett River (this would also involve Taunton) *

(COLLECTIVELY, ACTIONS 7, 8, and 9 are HIGH PRIORITY)

SOCIETAL (Blue Dots on the Regional Map)

1. Encourage more inter-municipal communication prior to and during emergencies (create a regional plan/team, if necessary, and involve Fall River for water issues)
2. Create Debris Management Plans (individual and regional) **(HIGH PRIORITY) ***
3. Assessment of our emergency response needs for equipment and generators/mutual aid
4. Assessment of our ability to handle and dispose of hazardous materials in times of emergency/social vulnerability; associated planning and training needs
5. Create a flow chart for regional emergency response for Town Hall use (aggregate as appropriate) **(HIGH PRIORITY) ***
6. Regional educational materials on flooding, stormwater, and MS4 issues; develop a story map similar to the EPA-Mattapoisett model **(HIGH PRIORITY) ***
7. Highlight evacuation routes as part of our educational package
8. Assess regional sheltering capacity (short and long-term)