

Permitting Matrix for CZM Grant Restoration Project - Phase I

CZM FY17 Grant Deliverable (Task 4.c): Identify all required federal, state and local permits for stabilization/water quality improvement/access solutions, and create a permitting matrix with approximate timelines and costs for each.

| Proposed Activity | Resource Area Impacted | Permit Required | Permitting Authority | Permitting Timeline | Approximate Costs |
|---|--|--|--|---|--|
| Overall Project | See below | Environmental Notification Form. Required by the MA Environmental Policy Act for exceeding Waterways, Waterways and Tidelands and thresholds (ENF only) | Executive Office of Energy and Environmental Affairs | ~1 year | Construction= \$172,895 Engineering/Permitting= \$38,678 Contingency= <u>\$63,756</u> \$275,329 <i>See attached Details</i> |
| | | Chapter 91 and §401 Water Quality Certification (BRP WW26) Combined permit for work in tidelands/formerly filled tidelands, and intertidal zone | MA Department of Environmental Protection (MA DEP) Waterways | ~1 year. Must have OOC first, but can file early to elicit comments | See above. No filing fees. |
| AOC 1c: Install asphalt curb along river side of Water Street. | 100' Buffer Zone to Coastal Bank; 200' Riverfront to Ipswich River. | Order of Conditions (OOC) by filing a Notice of Intent (NOI). Required by the Wetland Protection Act and the Ipswich Wetlands Protection Bylaw (IWPB). | Ipswich Conservation Commission (ICC) | 4 months | Legal ad \$75.00. No filing fees. |
| AOC 1c: Stabilize Coastal Bank (toe of slope) and intertidal areas directly adjacent to toe of slope utilizing nature-based green infrastructure techniques (vegetated coir logs, randomly placed/relocated boulders, salt marsh reestablishment). | 100' Buffer Zone to Coastal Bank; 200' Riverfront to Ipswich River; Coastal Bank; Coastal Beach; Land Subject to Coastal Storm Flowage (LSCSF) | OOC by filing an NOI. Required by the WPA and the IWPB. | Include with above | Include with above | Include with above. |
| | | General Permit 7 (GP 7): Pre-Construction Notification (PCN) application with ACOE verification for disturbing > 100' but <500' of bank to a navigable river. Required by the Clean Water Act (CWA). | U.S. Army Corps of Engineers (ACOE) New England District | 3 months | Include with above. |
| | | GP 22: Habitat Restoration, Establishment and Enhancement Activities For salt marsh reestablishment. | ACOE New England District | 3 months | Include with above. No filing fees. |

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|--|---|---|--|--------------------------|--|
| AOC 4: Stabilize Coastal Bank (toe of slope) utilizing nature-based green infrastructure techniques (vegetated coir logs, randomly placed/relocated boulders). | 100' Buffer Zone to Coastal Bank; 200' Riverfront to Ipswich River. | OOB by filing an NOI. Required by the WPA and the IWPB. | ICC | Permit with AOC 1c above | Include with above. |
| | Coastal Bank; Coastal Beach; LSCSF | GP 7: PCN application with ACOE verification for disturbing > 100' but <500' of bank to a navigable river. Required by the CWA. | ACOE New England District | Permit with AOC 1c above | Include with above. |
| AOC 4: Replace full length of the existing failed corrugated metal outfall pipe with PVC pipe and install new headwall; extended outfall ~5' toward the river to reduce the fall height for water exiting the outfall, and install rip rap scour pool. Repair/maintain existing scour pool at second culvert. | 100' Buffer Zone to Coastal Bank; 200' Riverfront to Ipswich River. Coastal Bank; | OOB by filing an NOI. Required by the WPA and the IWPB. | ICC | Permit with AOC 1c above | Include with above. |
| Task 5.b: Install two educational signs | 100' Buffer Zone to Coastal Bank; 200' Riverfront to Ipswich River. | Request for Determination of Applicability (RDA) if signs are not along a public road and/or are closer than 10' from resource area. Otherwise file Small Projects Permit. Building Permit | ICC Ipswich Building Department | 3 weeks 3 weeks | Legal ad (\$75.00) if RDA submitted. None |