

**Part C - Project Timing and Costs**

1. Proposed Start Date: January 15, 2006

2. Expected Completion Date: January 14, 2009

NOTE: The dollar amounts you enter for questions 3-5 should be the same as those entered on Part G or G2, Funding Sources of this application form.

3. State Funds Requested \$650,000

4. Local Share \$650,000

5. Total Project Costs \$1,300,000

<sup>^</sup> State Funds Requested for Municipal Wastewater Treatment Improvement Projects May Not Exceed 85% of the Total Construction Costs

**Part D - Project Summary**

Provide a brief summary statement that describes the following:

a) Applicant Name: Town Of Brookhaven

b) What will be constructed/ implemented: A series of step-pools to allow passage for spawning river herring, and two will be constructed at the dam that blocks fish access to Upper Lake on the Carman's River, an eelway will be constructed at the same point, leaching pools, curbing and curb inlets will be installed to minimize stormwater impacts to the Carman's River from Mill Road where it crosses the river just south of the outlet at Upper Lake. Invasive aquatic plant inventory and control will be conducted along the stretch of river in which these impairments are situated.

c) the name and value of the affected waterbody(ies)

- For a state-designated wetland, provide the designation number: B2

- For surface water, describe classified best use (e.g., high quality drinking water, shellfish waters, contact recreation, trout or trout propagation waters): Class C(TS); trout, trout spawning, trout fishing, contact recreation.

- For a groundwater resource, indicate if it is a primary water supply aquifer and/or supplying private wells:

- For aquatic habitat, provide the names of specific fish and wildlife species and how they could use the habitat (e.g., spawning, nursery, migration): Species deriving primary benefits through access to upstream spawning, feeding and nursery habitats:

- River herring – Alewife (*Alosa pseudoharengus*), and possibly blueback herring (*Alosa aestivalis*).
- Brook trout (*Salvelinus fontinalis*).

Species deriving secondary benefits through increased forage base provided by more abundant and widely distributed populations of river herring:

- Predatory birds – Osprey, Great Blue Heron, Common Egret, Snowy Egret, wintering waterfowl, colonial waterbirds
- Marine sport fishes – Striped bass (*Morone saxatilis*), Bluefish (*Pomatomus saltatrix*), Weakfish (*Cynoscion regalis*), among others.
- Freshwater sport fishes – White perch, Largemouth Bass, Smallmouth Bass, Brook Trout, Brown trout, Rain Trout.
- Mammals – Harbor seals, raccoons, mink, otter.
- Offshore marine fishes – Tunas, billfishes, cod.

d) the water quality and/or aquatic habitat impairment (e.g., fish consumption advisories, beach closures, habitat impairment from land use and hardening of shorelines): Blockage of migratory passage to upstream spawning and nursery habitats; Congestion of waterways by invasive aquatic plants.

e) the name of the priority pollutant(s) or disturbance(s) causing the impairment (e.g., sedimentation, pathogens floatable) Indicate whether it is a major or minor pollutant causing the impairment as identified in the PWL: Sedimentation and silt – non-point nonagricultural runoff impacts occur at location however: not identified in PWL

f) the source(s) of priority pollutants or disturbances causing the impairment (e.g., stormwater runoff, onsite systems, hydrologic habitat modification) Indicate whether it is a major or minor source causing the impairment as identified in the PWL: Hydrologic modification and stormwater runoff impacts exist at the location however: not identified in PWL