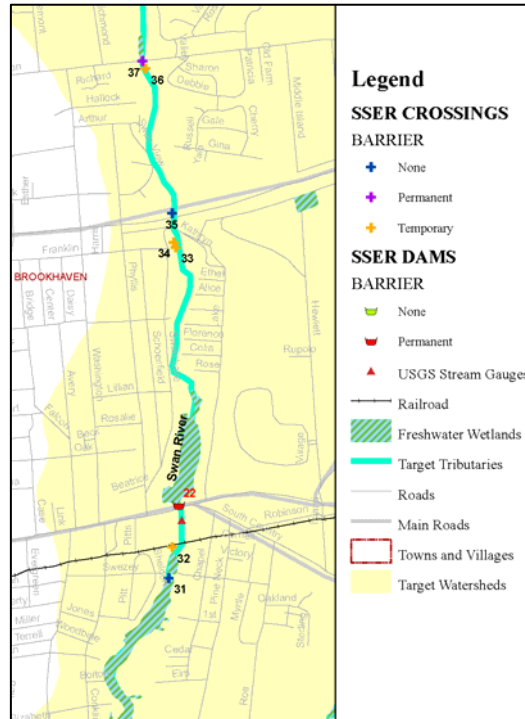


NYSDOS SOUTH SHORE ESTUARY RESERVE FISH BARRIER INVENTORY

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WATER SUPPLY
PERMITTING & PROCESSING*



NP&V has inventoried and assessed potential barriers to fish passage as part a study funded by the NYS Department of State and South Shore Estuary Reserve (SSER) through the Environmental Protection Fund. In an effort to restore the historic habitats of diadromous fish (such as alewife, American eel and sea-run trout) in the tributaries of Great South Bay, the project goal was to inventory stream crossings and barriers such as dams to develop a prioritization strategy for the removal or modification of structures which inhibit fish passage to their spawning grounds. Stream assessments (e.g. crossing & dam location/size, in-stream and riparian habitat assessments) and related information (e.g. watershed land use, barrier owner information) were incorporated into a GIS database to aid this prioritization assessment. The fish barrier database can now be easily expanded to include inventories of additional streams within the region, as well as to track the progress of habitat restoration initiatives, including dam removals and installation of fish ladders.

Additionally, NP&V prepared a Watershed Management Plan for Beaverdam Creek.

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