



Since 1996, Dissen & Juhn Corporation has been installing fish ladders for Public Service Enterprise Group (PSE&G) on the Delaware Bay and its tributaries, as part of the utility company's Estuary Enhancement Program" (EEP) . Initiated in 1994, this privately funded program helps increase fish production by expanding fish habitat, shelter, and food supplies.

**client:**

Public Service Enterprise Group (PSE&G)

**project:**

Fish Ladders

**engineer:**

Various sub-contractors to Dissen & Juhn Corporation

Fish ladders help native fish species return to their historic spawning areas by allowing them to overcome dams and other barriers blocking their path. Spawning in their historic spawning areas typically lessens the mortality rate of eggs and young fish.

These pile-supported aluminum structures act as a conduit through which the fish swim up and over the barrier. Built-in baffles slow the water to facilitate their upstream migration. Fish ladders installed at Silver Lake in Milford, DE, aid blueback herring and alewife migrating up the Mispillion River. A ladder installed at Noxon-

town Lake in Middletown, DE, performs the same function for fish migrating up the Appoquinimink River.

As part of the *Cooper River Fishway Restoration Team*, Dissen & Juhn was awarded the prestigious "Coastal America Partnership Award" for their effort in restoring fish passage in New Jersey's Cooper River. Fish ladders installed by Dissen & Juhn opened up over 10 miles of tributaries along the Cooper to migratory and resident fish, thereby enhancing the restoration of the greater Delaware River watershed.



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