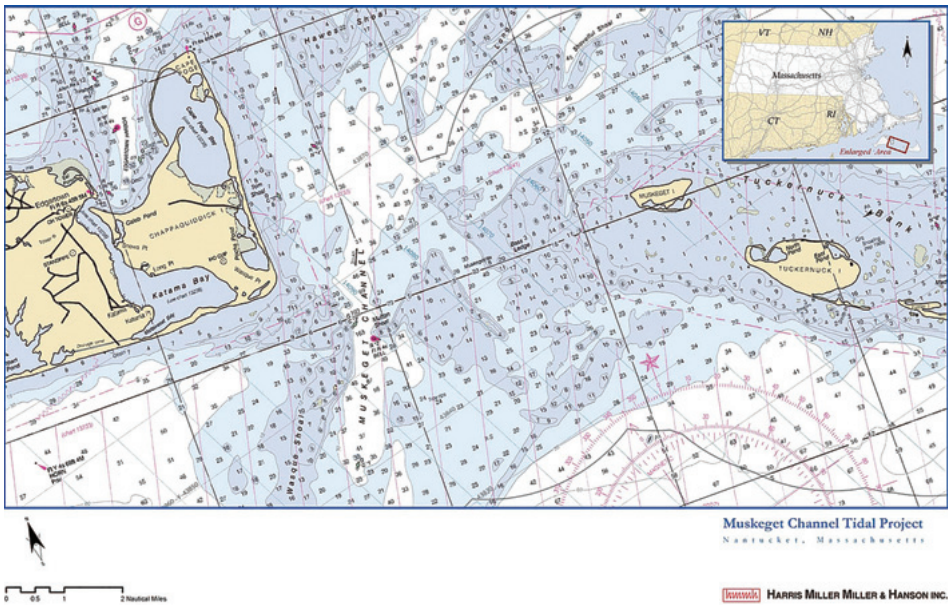
hydro products & news



Environmental impact assessment studies: Edgartown Tidal Energy Project

Harris Miller Miller & Hanson Inc. (HMMH) has been selected by the US Department of Energy (DOE) to lead environmental impact assessment studies for the proposed Edgartown Tidal Energy Project. Funded under DOE's Advanced Water Power Program, the winning proposal, titled "The Environment Effects of Sediment Transport Alteration and Impacts on Protected Species Project," will be an important step toward initiating permitting for a 1.5 MW Tidal Energy Project proposed by the Town of Edgartown in Muskeget Channel east of Martha's Vineyard.

The objective of this study is two-fold: 1) to evaluate the potential environmental impacts associated with sediment transport alteration of two established tidal energy technologies—horizontal open-bladed turbines mounted on monopoles and horizontal helical turbines that float from moorings; and, 2) to collect and analyze information on the occurrence and potential impacts of protected species in the project area.

HMMH will direct, administer, and communicate all aspects of the proposed environmental studies program. HMMH will also communicate the tidal project's goals and the objectives of the proposed environmental studies to regulatory staff, local governments, and stakeholders and interest groups. The project will start in December 2009 and be completed over a two year period.

Harris Miller Miller & Hanson Inc. | www.hmmh.com

Polyurethane protective coatings & linings

LifeLast is a formulator and manufacturer of high-quality, 100% solids polyurethane protective coatings and linings for welded steel penstock pipe. The company is committed to the green energy marketplace and has directed their energies toward creating technologies that contribute to the run-of-the river penstock applications. LifeLast polyurethane lining provides corrosion and abrasion protection for the penstocks and its slick, pore-free surface benefits flow efficiencies of the systems. LifeLast's exterior coating systems handle the wear and tear of penstock installation and provide long-term corrosion protection to extend the life of the pipeline. As a leading edge innovator in the corrosion protection marketplace, they have found a home in the sustainable energy movement and look forward to being involved in many more projects to come. Innovation through formulation.

LifeLast, Inc. | www.lifelast.com

Run-of-river hydroelectric projects

Norris Screen & Manufacturing celebrates a successful installation at Lamont Creek. Lamont is the latest in a series of run-of-river hydroelectric projects using Coanda Screens in the generation of green energy. Norris uses curved wedge wire panels for their Coanda Screens because of the screens' unique hydrodynamic properties. The screens are durable, self-cleaning, and fish-friendly—making them not only part of a successful run-of-river installation, but ultimately part of a viable green energy future. Norris, in partnership with Cook Legacy, leads the way in designing and building Coanda Intake Screens for hydroelectric and other markets. Norris Screen is a wholly owned subsidiary of Elgin National Industries.

Norris Screen & Manufacturing | www.waterscreen.com