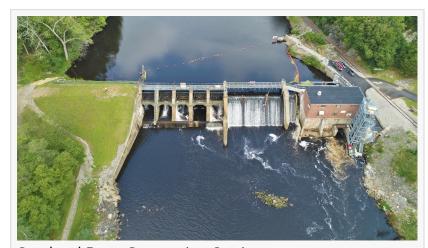


Kleinschmidt Awarded Scotland Dam Generating Station Fish Passage Compliance Project with FirstLight Power Services, LLC

Fish Passage Effectiveness Evaluation

ESSEX, CT, USA, July 28, 2022
/EINPresswire.com/ -- Kleinschmidt
Associates, an engineering, regulatory, and environmental consulting firm, has been selected by FirstLight Power
Services LLC (FirstLight) to provide fish passage effectiveness evaluation services as part of the Scotland
Hydroelectric Project Fish Passage and Protection Plan.



Scotland Dam Generating Station

The Scotland Hydroelectric Project is located on the Shetucket River in the town of Windham, CT. Completed in 1937, the station has been supplying green energy to the region for over 80 years. It operates as part of a trio of renewable hydroelectric dams in Eastern Connecticut that generates a total capacity of approximately 6.3 MW of carbon-free electricity.



It's exciting to see this new fish lift perform and restore ecological connectivity in the drainage, which supports a host of diadromous species that will benefit from the project,"

Bryan Apell, Senior Fisheries Ecologist at Kleinschmidt In 2018, FirstLight completed upgrades to the Scotland Project's infrastructure, including building a state-of-the-art fish elevator (or lift) and downstream bypasses for migrating fishes. Prior work by Kleinschmidt has demonstrated that fishes pass safely through the lift. In 2022, additional studies are underway to evaluate the effectiveness of downstream passage for juvenile alosines and silver phase (adult) American Eel.

"Kleinschmidt has repeatedly exhibited the ability to adapt to disruptions due to unforeseen conditions, including

drought, COVID pandemic response protocols, and extended outage periods," says Steve Leach, Senior Fishery Biologist with FirstLight, "This was done through a deep understanding of project needs to efficiently conduct study elements individually or concurrently as required by changing

conditions."

"It's exciting to see this new fish lift perform and restore ecological connectivity in the drainage, which supports a host of diadromous species that will benefit from the project," says Bryan Apell, Project Manager and Senior Fisheries Ecologist at Kleinschmidt. "The studies that FirstLight and Kleinschmidt are conducting will help us understand the effectiveness of the new fish passage facilities to provide safe, timely, and effective passage for those species that rely on access between freshwater and marine habitats; to fulfill their life histories."

About Kleinschmidt

Kleinschmidt Associates performs engineering, regulatory and environmental consulting for North American energy companies and governmental agencies who strive to protect and enhance the natural environment without compromising performance. We work at the intersection of regulatory requirements, environmental science, and engineering solutions to achieve our client's objectives.

For over half a century, Kleinschmidt has continually delivered new ideas that offer practical solutions to tough problems and sensitive issues. Our goal is to bring energy, water, and the environment into balance so future generations will thrive. For more information, visit www.kleinschmidtgroup.com.

GinaRenee Autrey
Kleinschmidt Associates
+1 803-395-0483
email us here
Visit us on social media:
Twitter
LinkedIn
Other

This press release can be viewed online at: https://www.einpresswire.com/article/583277557

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2022 Newsmatics Inc. All Right Reserved.