



Columbia Lake Dam Before



Columbia Lake Dam After

“ Every day, on every project,
we are helping to create
a more adaptive, resilient,
and sustainable world. ”

REMOVAL • CONNECTIVITY • REHABILITATION

Removing dams for healthy rivers

There are over 10,325 dams throughout the Northeast and 4,480 in New England alone, most of them are over 105 years old with no modern purpose. They range from small earthen dams to large decommissioned industrial dinosaurs. Many dams are falling apart and pose a wide range of challenges for communities including the risk of injury and the potential for catastrophic flooding and dam failure. Infrastructure funding is now available to help dam owners address these urgent threats sooner vs. later.

SumCo Eco-Contracting has completed over 60 dam removals throughout the Northeast. We are proud to play our part in removing aging dams that no longer serve their original purpose while doing the careful work of river restoration, fish passage, bank stabilization, and stream rehabilitation after the dam is removed. SumCo has twenty years of experience working in rivers to remove big and small dams carefully to return rivers back to their natural flow.

There are instances when dams cannot be removed or they serve important functions for recreation, flood control, hydropower, and more. For these dams, SumCo Eco has experience constructing a range of fish passage solutions, dam repairs, and dam improvements to mitigate ecological impacts and to improve stability and resilience in the face of changing climates and associated dam safety standards.

SumCo Eco has worked with private and commercial dam owners, NGOs, state and local governments, community organizations, and project proponents to conceive, design, value-engineer, permit, and construct a broad range of dam management projects. We would welcome any opportunity to join you and your team to walk the river, consider the unique challenges of the dam and its river system, and partner with you to streamline and implement a shared project vision.

CONTACT OUR EXPERIENCED DAM REMOVAL TEAM



Travis Sumner

tsumner@sumcoeco.com
(978) 335-0757



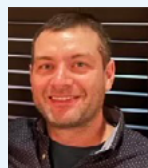
Stephen Fuller

sfuller@sumcoeco.com
(603) 918-4255



Ron Ferraiuolo

rferr@sumcoeco.com
(508) 989-0007



Scott Brady

sbrady@sumcoeco.com
(508) 613-6263

Project partners and affiliations



Environmental
Business Council
of New England

DAM MANAGEMENT COMMITTEE

www.sumcoeco.com

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Columbia Lake Dam Removal – Knowlton, NJ

The project consisted of removal of 18' high, 330' long dam, bank stabilization and riparian corridor planting, as well as scour protection for Interstate Route 80 bridge and 2 additional county and local bridges. Resting pools and weirs were installed for fish passage in high velocity area under Route 80 bridge. This dam removal restored connection to the third largest New Jersey tributary to the Delaware, improving water quality in a river that supplies drinking water for 17 million people in four states.



Washburn Dam Removal – Colebrook, NH

The work involved the demolition and removal of the 100 year old dam as well as remnants of the old sawmill at the left abutment. This project included excavation and removal of over 10,000 cy's of sediment, FES layers, a few hundred plants, slope armoring, wetlands seeding and live stakes to be installed later this fall. The crew muddled through and we were able to finish strong in September and early October. This project was completed on the West and main branched of the protected Mohawk river.



Bradford Dam Removal and Rock Ramp Fishway – Bradford, RI

Following dam demolition, 2-3 ton boulders were imported to create a "rock ramp" with 8 elevated stone fish weirs including pipe/head wall construction with low-flow relief notches to enable both fish and kayak paddler passage during lower river flows. Along with grading, erosion, and sediment controls, the newly exposed riparian corridor was stabilized with plantings and a segment of sheet piling for permanent support.



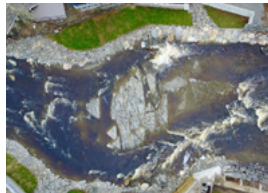
Saccarappa Dam Removal and Fish Passage – Westbrook, ME

This project involved removal of the 2-story powerhouse, 2 dams 12-30 feet high and 350 feet long alongside the banks of an historic manufacturing center. A double Denil fish ladder 230 feet in length was also constructed on the western channel to accommodate the projected annual runs of fish migrating to the reopened river. SumCo's work opened up 5 miles of the river to migratory fish for the first time in 200 years. Community resilience was increased as construction was performed to withstand flooding.

Other Projects



Kerite Dam Removal (aka Seymour Dam)
Seymour, CT



Great Dam Removal and Exeter River Restoration
Exeter, NH



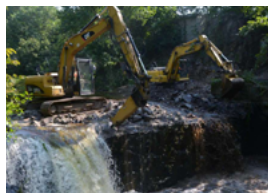
Elm Street Dam Removal and River Restoration
Kingston, MA



Mill Street Dam Removal and River Restoration
Pittsfield, MA



Upper Roberts Meadow Reservoir Dam Removal
Northampton, MA



Flock Process Dam Removal
Norwalk, CT



Kenyon Mills Dam Removal and Rock Ramp Fishway
Kenyon Mills



Eel River Dam Removal & Headwaters Restoration
Plymouth, MA

Contact



www.sumcoeco.com

Follow us:  

401 Edgewater Place, Suite 680, Wakefield, MA 01880

CONTACT OUR TEAM TO DISCUSS YOUR PROJECT

Travis Sumner: tsumner@sumcoeco.com • (978) 335-0757

Stephen Fuller: sfuller@sumcoeco.com • (603) 918-4255

Ron Ferraiuolo: rferr@sumcoeco.com • (508) 989-0007

Scott Brady: sbrady@sumcoeco.com • (508) 613-6263

Our Full List of Services



Ecosystem Restoration & Mitigation

Freshwater Wetlands
Salt Marshes
Cranberry Bog Restoration
Lakes & Ponds
Upland Forest & Grasslands



Dam Removal & River Restoration

Fish Passage
Bank Stabilization
Stream Restoration



Coastal Stabilization

Living Shorelines
Bioengineered Solutions
Dune Restoration
& Beach Nourishment
Sea Walls & Revetments



Infrastructure & Resiliency

Dam Rehabilitation
Culverts & Bridges
Flood Control
Site Development
Green Infrastructure
Stormwater Systems



Dredging & Marine Construction

Hydraulic & Mechanical
Dredging
Beneficial Use of
Dredge Materials
Subtidal Infrastructure
Jetties, Piers, & Bulkheads
CDF Infrastructure



Parks & Open Spaces

Landscape Installation
Golf Course Water Features
Boardwalks & Bridges
Trails & Public Access
Water Access/Boat Ramps



Native Plant Communities

Planting & Site Restoration
Seeding
Invasive Species
Management



Remediation

Contaminated Soils
Soil Treatment & Disposal
Brownfield Redevelopment

