FUSS & O'NEILL
Solve better. Go further.

Haverhill, MA: Little River Dam Removal Project Objectives

- **Reduced flooding risk** in an **environmental justice** neighborhood.
- Increased **river access** point and public green space amenity.
- Increased **tree cover** in the downtown area.
- Removal of a barrier to **aquatic organism passage**.
- **Demonstration site** for nature-based solutions for riverbank restoration and stabilization.
- Jumping-off point for **larger urban river revitalization effort**.

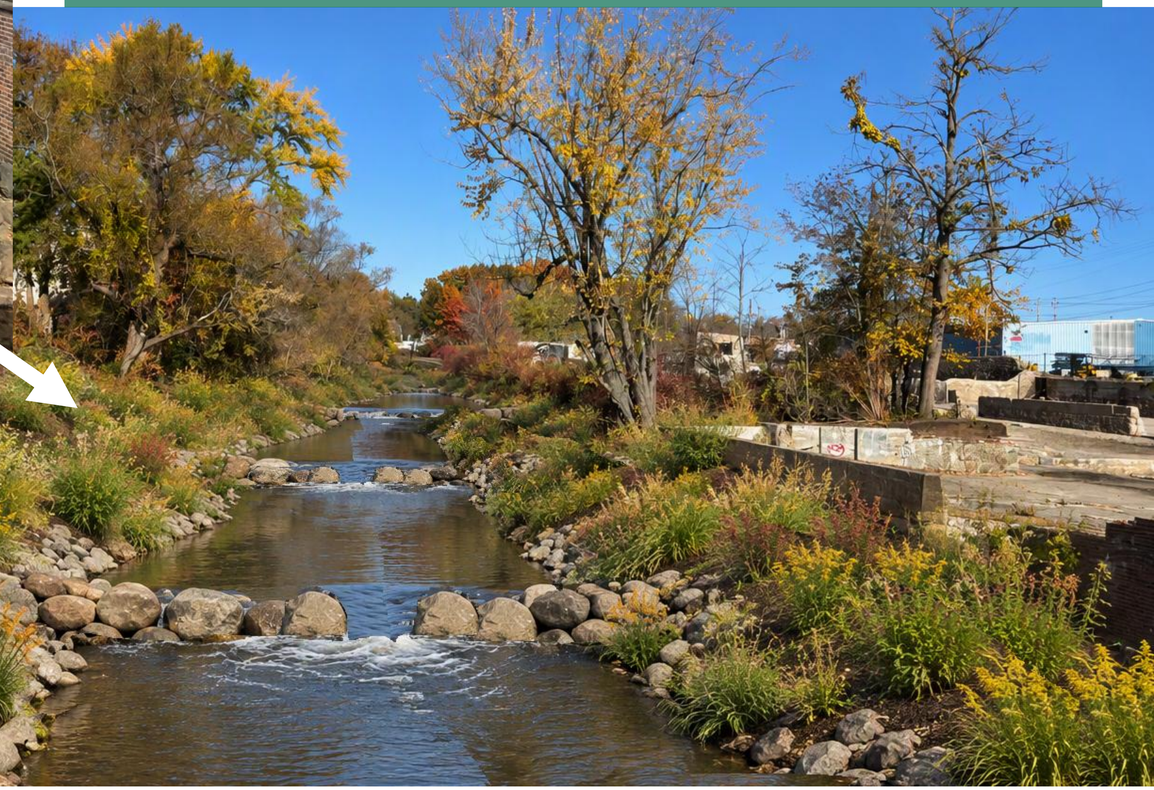


Little River Dam, Haverhill



Little River Dam, Existing Conditions

Little River, Rendering of Future Conditions



Ecosystem Benefits – Fish Populations



- Expected Species (Per DMF):
  - Alewife
  - Blueback Herring
  - American Eel
- Anglers have reported American eel and smelt
- Boulder grade control structures and nature-like fishway at former dam will create benefits for migrating fish & mimic natural riffle-pool system
- More shade will benefit cold water species

Similar Nature-Like Fishway Photos (Marshfield, MA Dam Removal)





Cashman Park/River Access Amenities



Safety Measures for Public Approaching the Conduit

1. Floating Safety Boom and Anchor
2. Danger Sign
3. Interpretive Sign at Cashman Field

