Eastern Brook Trout Joint Venture
Completed Project Report Form

Project Title:

- **Location**: East Burke, Vermont
- **Lat / Long Coordinates**: 44.588425, -71.946579
- **Sponsor**: Connecticut River Conservancy
- **Completion Date**: 11/21/17 (dam removed)
- **Partners involved**: Passumpsic Valley Land Trust (dam owner), USFWS, State of Vermont, and various other funders and local volunteer organizations.

**Project costs:**
1. Total cost: $337,450
2. Non federal amount: $252,450
3. Federal amount: $85,000

**Final Funding:**
- NFHAP Funding Through EBTJV: $25,000
- Total Federal Contributions: $85,000
- Total Non-Federal Contributions: $252,450

<table>
<thead>
<tr>
<th>Partner</th>
<th>Type of Match (In-Kind or Cash)</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>USFWS/NFPP/NFHAP</td>
<td>Cash</td>
<td>$85,000</td>
</tr>
<tr>
<td>State of Vermont</td>
<td>Cash</td>
<td>$150,000</td>
</tr>
<tr>
<td>NH Charitable Foundation</td>
<td>Cash</td>
<td>$102,450</td>
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</tbody>
</table>

- **Action strategy implemented in the project (according to EBTJV range wide, regional, or state level habitat strategies).**
  Restoration: Conservation action that returns natural/historic attribute and functions to aquatic habitat.

- **Priority score of the sub-watershed where the project took place.**
  1.41 and 1.42 respectively

- **Describe any additional species of greatest concern or the state wildlife action plan listed habitat conservation goal (s) supported by the project.**
  Wild brook trout, a species of greatest conservation need. Supported the State’s conservation goals of connecting habitat and removing AOP barriers.
• **Description: project objective(s):** Remove the old East Burke dam on the East Branch of the Passumpsic River in East Burke, VT in order to open 99 miles of stream for aquatic organism passage.

• **Methods used:** Dam removal, including concrete and sediment removal by excavators and other heavy construction equipment.

• **Project outcomes: Describe outcomes and whether or not the objectives were met. If not why? What lessons were learned?** The concrete dam was removed as designed, as was 9,500 cubic yards of sediment that had been trapped upstream of the old dam. 99 miles of stream are now open to AOP.

• **What is the Brook trout population response to the project outcome?** We have seen Brook trout passing thru this river segment on numerous occasions during our post-removal monitoring work. Brook trout now have access to the cold feeder stream, Dish Mill Brook, located just upstream from the old dam site.

• **If applicable, what is the number of stream miles and or acres of brook trout habitat?**
  
  A. Protected:
  
  B. Restored/Enhanced: 99 miles

• **If applicable what is the number of stream miles and or lake/pond acres of brook trout habitat gained access to as a result of removing a fish barrier. Include the # of fish barriers removed?** 99 miles

• **If applicable, what is the number of stream miles and or lake or pond acres of brook trout habitat with sediment, phosphorous, or nitrogen inputs that were rehabilitated to within 25% of natural or other desired levels such as numeric state water quality criteria?**

*Please include before and after photos of the project with a photo release form and appropriate credit line for the photos.*
Summer 2018 photos of former dam location
Copyright Release Agreement

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Product Description
Photos of East Burke dam on East Branch Passumpsic River in East Burke, VT.

Ron Rhodes    Ron Rhodes  9/24/18  802-457-6114
Print Name    Signature    Date    Phone or E-mail

Service Representative Office Phone

FWS Form 3-2259 02/2011