

## **Projects funded in Region 5 in FY17 through the National Fish Passage Program (NFPP)**

### **FY2017 Totals:**

**Projects: 25**

**Total funding: \$1,118,715**

**River miles re-opened: 998.6**

### **Maine**

#### **Branch Lake Stream Dam Removal, Union River (Hancock County, Ellsworth, ME)**

Removing this dam will return Branch Lake Stream to its natural flow, providing passage upstream to species like Atlantic salmon and alewife.

- Funding: \$50,000
- River miles: 4
- Species: Alewife
- Cooperative Agreement Partner: Downeast Salmon Federation

#### **Head Tide Dam Partial Removal, Sheepscot River (Lincoln County near Alna, ME)**

A 23-foot section of the dam is being removed to improve passage for Atlantic salmon, while a new viewing platform and canoe portage trail with a safety railing will be built to allow for continued recreation.

- Funding: \$50,000
- River miles: 150
- Species: Atlantic salmon
- Cooperative Agreement Partner: Atlantic Salmon Federation

#### **Coopers Mills Dam Removal, Sheepscot River (Lincoln County, Whitefield, ME)**

In a balancing act between keeping essential infrastructure and improving habitat, Coopers Mills Dam will be removed to improve fish passage and three dry hydrants will be constructed to leave local fire prevention means intact.

- Funding: \$50,000
- River miles: 92
- Species: Atlantic salmon
- Cooperative Agreement Partner: Atlantic Salmon Federation

### **Maryland**

#### **Culvert Replacement on South Branch Bear Creek (Accident, MD)**

The Bear Creek culvert is in danger of collapsing and will be replaced with a bridge to ensure that brook trout can access cold water habitat.

- Funding: \$39,071
- River miles: 4.1
- Species: Brook trout
- Cooperative Agreement Partner: Western Maryland Resource Conservation and Development

## **Pennsylvania**

### **Gravel Lick Culvert Replacement (Potter County, PA)**

This culvert replacement has been designed to reduce sediment pollution and to be wide enough for brook trout and other species to easily pass through.

- Funding: \$44,444
- River miles: 1.6
- Species: Brook trout
- Cooperative Agreement Partner: Trout Unlimited

### **Salt Spring Run Culvert Replacement Phase 1 (Tioga County, PA)**

A defunct culvert will be replaced, improving fish passage and habitat, and making this section of the river and the roadway more resilient to storms.

- Funding: \$25,000
- River miles: 8.6
- Species: Brook trout
- Cooperative Agreement Partner: Tioga County Soil and Water Conservation District

### **Salt Spring Run Culvert Replacement Phase 2 (Tioga County, PA)**

This culvert, which has been deemed a safety risk in the event of heavy rains, will be replaced with a more resilient design.

- Funding: \$25,000
- River miles: 2.2
- Species: Brook trout
- Cooperative Agreement Partner: Tioga County Soil and Water Conservation District

## **New Hampshire**

### **Lower Sawyer Mill Dam Removal, Bellamy River (Strafford County, Dover, NH)**

The lower Sawyer Mill Dam is the first obstruction on the Bellamy River. Removal will restore access to a portion of the river for alewife, American eel and sea lamprey.

- Funding: \$25,000
- River miles: 0.2
- Species: Alewife
- Cooperative Agreement Partner: New Hampshire Department of Environmental Services

### **Upper Sawyer Mill Dam Removal, Bellamy River (Strafford County, Dover, NH)**

The upper Sawyer Mill Dam is the second obstruction to the Bellamy River and will be removed to improve fish passage and also reduce flood risk.

- Funding: \$25,000
- River miles: 6
- Species: Alewife
- Cooperative Agreement Partner: New Hampshire Department of Environmental Services

### **Lone Pine Brook Culvert Replacement, Umbagog National Wildlife Refuge (Errol, NH)**

This project at the Umbagog National Wildlife Refuge will replace a washed out culvert to restore coldwater habitat for brook trout, as well as making the refuge road safer for public access and emergency vehicles.

- Funding: \$76,000
- River miles: 2
- Species: Brook trout

## **New Jersey**

### **Columbia Lake Dam Removal, Paulinskill River (Knowlton, NJ)**

This decommissioned hydroelectric dam currently blocks access to spawning and nursery grounds for American shad, eel and blueback herring, and its removal will restore that lost habitat.

- Funding: \$60,000
- River miles: 10
- Species: American shad
- Cooperative Agreement Partner: The Nature Conservancy

## **New York**

### **Road Crossing Barrier Removal, Crow Creek (Wyoming County, Orangeville, NY)**

A culvert that currently bars brook trout from reaching habitat upstream will be replaced with a larger design that will allow passage and be more resilient to flooding. The project will also improve in-stream habitat upstream of the barrier.

- Funding: \$31,500

- River miles: 1.9
- Species: Brook trout
- Cooperative Agreement Partner: Buffalo Niagara Riverkeeper

**Road crossing barrier removal, Tributary to Munger Brook (Madison County, Fenner, NY)**

A culvert on this tributary will be removed and replaced with a new design to restore brook trout access to the shaded coldwater refugia upstream.

- Funding: \$46,350
- River miles: 1.2
- Species: Brook trout
- Cooperative Agreement Partner: Finger Lakes - Lake Ontario Watershed Protection Alliance

**Road Crossing Barrier Removal, Munger Brook (Madison County, Fenner, NY)**

A culvert on Munger Brook will be replaced with a properly-sized design, which will allow brook trout to access coldwater habitat upstream.

- Funding: \$46,350
- River miles: 2
- Species: Brook trout
- Cooperative Agreement Partner: Finger Lakes - Lake Ontario Watershed Protection Alliance

**Vermont**

**Churchville Road Culvert Replacement, Howe Brook (Hancock, VT)**

Having contributed to floodwaters that severely damaged Churchville Road during Hurricane Irene, this undersized culvert is receiving a much-needed upgrade to a bridge that will allow for brook trout passage and be resilient to another major storm event.

- Funding: \$20,000
- River miles: 3.2
- Species: Brook trout
- Cooperative Agreement Partner: White River Partnership

**East Burke Dam Removal, East Branch of the Passumpsic River (Caldonia County, Burke, VT)**

This dam will be removed to reopen the east branch of the Passumpsic River to brook trout and other species while also improving water quality and bolstering flood resilience.

- Funding: \$50,000

- River miles: 90
- Species: Brook trout
- Cooperative Agreement Partner: Connecticut River Conservancy

**Maple Hill Rd Culvert Replacement on Tributary to Wing Brook (Windsor County, Rochester, VT)**

Part of an effort to enhance habitat and flood resiliency in the Upper White River after Hurricane Irene, this undersized culvert on a Wing Brook tributary will be replaced with a wider design that will reopen the river to brook trout.

- Funding: \$50,000
- River miles: 2
- Species: Brook trout
- Cooperative Agreement Partner: White River Partnership

**Geer Dam Removal, Ompomanoosuc River (Orange County, West Fairlee, VT)**

Removing this unused hydroelectric dam on the Ompomanoosuc River will restore pristine habitat for brook trout and other species.

- Funding: \$25,000
- River miles: 14
- Species: Brook trout
- Cooperative Agreement Partner: Connecticut River Conservancy

**Culvert Replacement on Tributary to the Yellow Brook, Silvio O. Conte National Wildlife Refuge's Nulhegan Basin Division (Brunswick, VT)**

The original culvert structure was blown out in a flood and will be replaced by a fish-friendly design that will allow emergency vehicles to pass over the river.

- Funding: \$65,000
- River miles: 3
- Species: Brook trout

**Virginia**

**Bolton Branch Culvert Removal, Upper Rappahannock River (Rappahannock County, VA)**

Working with the landowners, the Service will replace a privately owned road crossing culvert to improve passage and habitat for brook trout and other aquatic species.

- Funding: \$40,000
- River miles: 1.1
- Species: Brook trout

- Cooperative Agreement Partner: Piedmont Environmental Council

### **Bolton Branch Culvert Removal II, Upper Rappahannock River (Rappahannock County, VA)**

This culvert removal will be done in tandem with the above mentioned removal, opening this section of the river to brook trout and American eel.

- Funding: \$40,000
- River miles: 0.1
- Species: Brook trout
- Cooperative Agreement Partner: Piedmont Environmental Council

### **Road Crossings Assessment in Western Chesapeake Bay Tributaries in Virginia**

Road crossings in the James, York, Rappahannock and Potomac River watersheds in Virginia will be assessed to determine if they create a blockage to fish migration and to assess their structural condition. The results will be added to a regional database and used to prioritize culverts for replacement or removal.

- Funding: \$5,000
- Species: Blueback herring

## **West Virginia**

### **Jane Lew Dam Removal, Hackers Creek (Lewis County, Jane Lew, WV)**

The dam on Hacker's Creek, one of the last tributaries of the West Fork River and home to clubshell mussels, will be removed allowing the mussel population can expand back to the mainstem of the river.

- Funding: \$50,000
- River miles: 57
- Species: Clubshell mussel
- Cooperative Agreement Partner: American Rivers

### **Worthington Dam Removal, West Fork River (Marion County, Worthington, WV)**

Worthington's removal will be essential to restoring clubshell mussel habitat, but it will also be a major benefit to recreational paddlers, connecting 1,120 miles of river and making passage safer.

- Funding: \$125,000
- River miles: 540
- Species: Clubshell mussel
- Cooperative Agreement Partner: American Rivers

### **Three Springs Run Aquatic Organism Passage, Lost River, (McCauley, WV)**

Replacing a road crossing on Three Springs Run will open access to two miles of headwater stream and spawning grounds for brook trout, building on the benefits of other habitat restoration projects throughout the watershed.

- Funding: \$55,000
- River miles: 2
- Species: Brook trout
- Cooperative Agreement Partner: Trout Unlimited