

# Lake Champlain Aquatic Habitat Connectivity

## Fish Passage in the Lower Winooski Watershed

Preston Brook a tributary to the Winooski River, Bolton, Vermont  
Longitude: -72.91780 Latitude: 44.34620



Before



After

**Left:** A view of the Preston Brook before flood damage. **Right:** Yard King bridges, to be placed allowing for full aquatic organism passage.

**Site description:** Preston Brook originates in Camels Hump State Park in Huntington and flows north through Bolton emptying into the Winooski River. Preston Brook is four miles long and drains six and a half square miles.

**Problems / history:** A culvert two miles upstream is perched and does not allow aquatic passage. This stream was heavily damaged in TS Irene and even more extensive damage was sustained in the July 2013 flooding. Replacement of the culvert with a bridge will alleviate flooding tensions on this section of the stream and may prevent future destruction.

**Objective and Method:** Reconnect Preston Brook to over seven miles of head waters by replacing this barrier with a bridge that will allow full aquatic passage.

**Partners and Funding:** Funding and support for this project came from the VT Forest, Parks and Rec., Winooski Natural Resources Conservation District and the US Fish and Wildlife Service.

<b>Cost:</b>	<u>USFWS</u>	<u>WNRCD</u>	<u>FEMA</u>	<u>VT FPR</u>	<u>TOTAL</u>
	\$76,173	(IK \$1,000)	\$64,000 (site/culvert repair)	\$11,200 (IK-\$2,000)	\$154,373