



Department of Environmental Protection

One Winter Street Boston, MA 02108 • 617-292-5500

Charles D. Baker
Governor

Matthew A. Beaton
Secretary

Karyn E. Polito
Lieutenant Governor

Martin Suuberg
Commissioner

Comprehensive Review of Revised Water Management Act Permit Requirements, July 1, 2017 Summary of Stream Channel Restoration Projects referenced in Table 9.11 – Habitat Improvements

Stream Channel Restoration Projects

Location	Cost	Reference
Panther Creek, Washington	\$41,544	USDA, Stream Restoration Cost Estimates, Table 2. Page 111.
Mine Reach, Washington	\$61,620	USDA, Stream Restoration Cost Estimates, Table 2. Page 111.
Washington State - Typical Low end cost per mile	\$64,011	USDA, Stream Restoration Cost Estimates, Table 1. Page 109.
Washington State - Typical Average cost per mile	\$129,135	USDA, Stream Restoration Cost Estimates, Table 1. Page 109.
Washington State - Typical High end cost per mile	\$354,593	USDA, Stream Restoration Cost Estimates, Table 1. Page 109.
Streambed Restoration as part of Whittenton Mill Pond Dam Removal	\$100,000	Mass Department of Fish and Game and Division of Ecological Restoration, "Economic & Community Benefits from Stream Barrier Removal Projects in Massachusetts Report & Summary", March 2015. Exhibit 2-3; Pages 2-6.
Gales Creek Instream Habitat Restoration	\$118,400	Oregon DEQ, Cost Estimate to Restore Riparian Forest Buffers and Improve Stream Habitat in the Willamette Basin, Oregon, March 2010, Page 21.
Dairy Creek Instream Habitat Restoration	\$542,750	Oregon DEQ, Cost Estimate to Restore Riparian Forest Buffers and Improve Stream Habitat in the Willamette Basin, Oregon, March 2010, Page 21.
Cheswick Park, Henridco County, Virginia	\$40,000	Virginia DCR, The Virginia Stream Restoration & Stabilization Best Management Practices Guide, 2004. Table 3.2. Page 60.
Kingstowne Creek, Fairfax County, Virginia	\$160,000	Virginia DCR, The Virginia Stream Restoration & Stabilization Best Management Practices Guide, 2004. Table 3.2. Page 60.
Moore's Creek, Charlottesville, Virginia	\$250,000	Virginia DCR, The Virginia Stream Restoration & Stabilization Best Management Practices Guide, 2004. Table 3.2. Page 60.
Stream Mitigation in North Carolina	\$197,329	Clemson University, Estimation and Analysis of Expenses of Design-Bid-Build Projects for Stream Mitigation in North Carolina, 2008. Table 1. Page 25.
Min (rounded)	\$40,000	
Median (rounded)	\$124,000	
Average (rounded)	\$172,000	
Max (rounded)	\$543,000	