

Urbani Fisheries, LLC

Fisheries Enhancement • River/Stream Restoration • Pond & Wetland Design/Construction

River and Stream Enhancement

Restoring and Creating Healthy, Viable, and Stable River Ecosystems



Ph: (406) 587-0588

198 North Star Lane
Bozeman, MT 59718
www.urbanifisheries.com



Fax: (406) 585-9126

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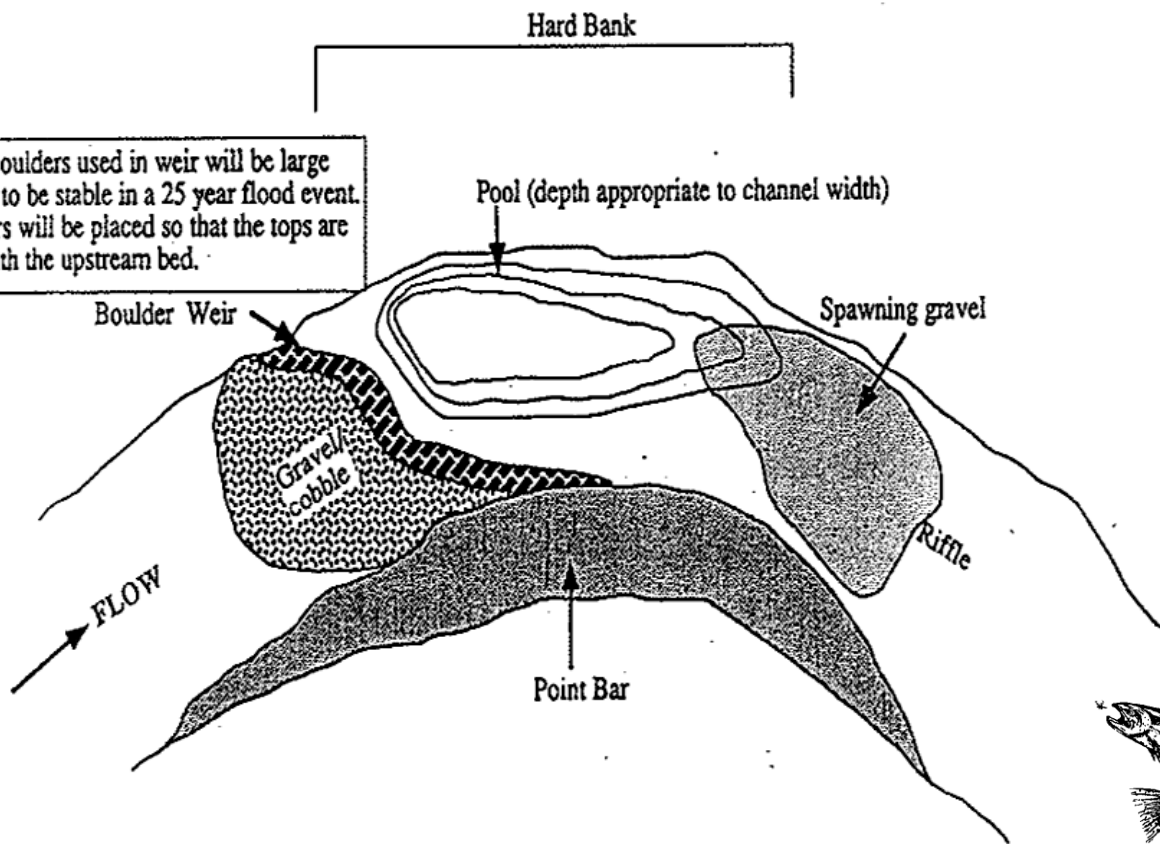


Boulder Weir

Typical Detail

TYPICAL ENHANCEMENT SITE

Note: Boulders used in weir will be large enough to be stable in a 25 year flood event. Boulders will be placed so that the tops are even with the upstream bed.



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Alternating Gravel Point Bars

Spawning Riffle

Tail-out of Pool

Stable Bank

Thalweg

Undercut Bank

Pool

Gravel Shear Structure

**Pre-Construction
Pecos River, NM
2008**



**Post-Construction
Pecos River, NM
2008**





**Pre-Construction
Lamington River, NJ**

12/03/2015



**Post-Construction
Lamington River, NJ**

12/15/2015







**Pre-Construction
Pecos River, NM**



**10/15/2015
Post-Construction
Pecos River, NM**



Brook Trout Shocked in Restored Waters Smith River, MT



Rainbow Fighting in Restored Waters Pecos River, NM



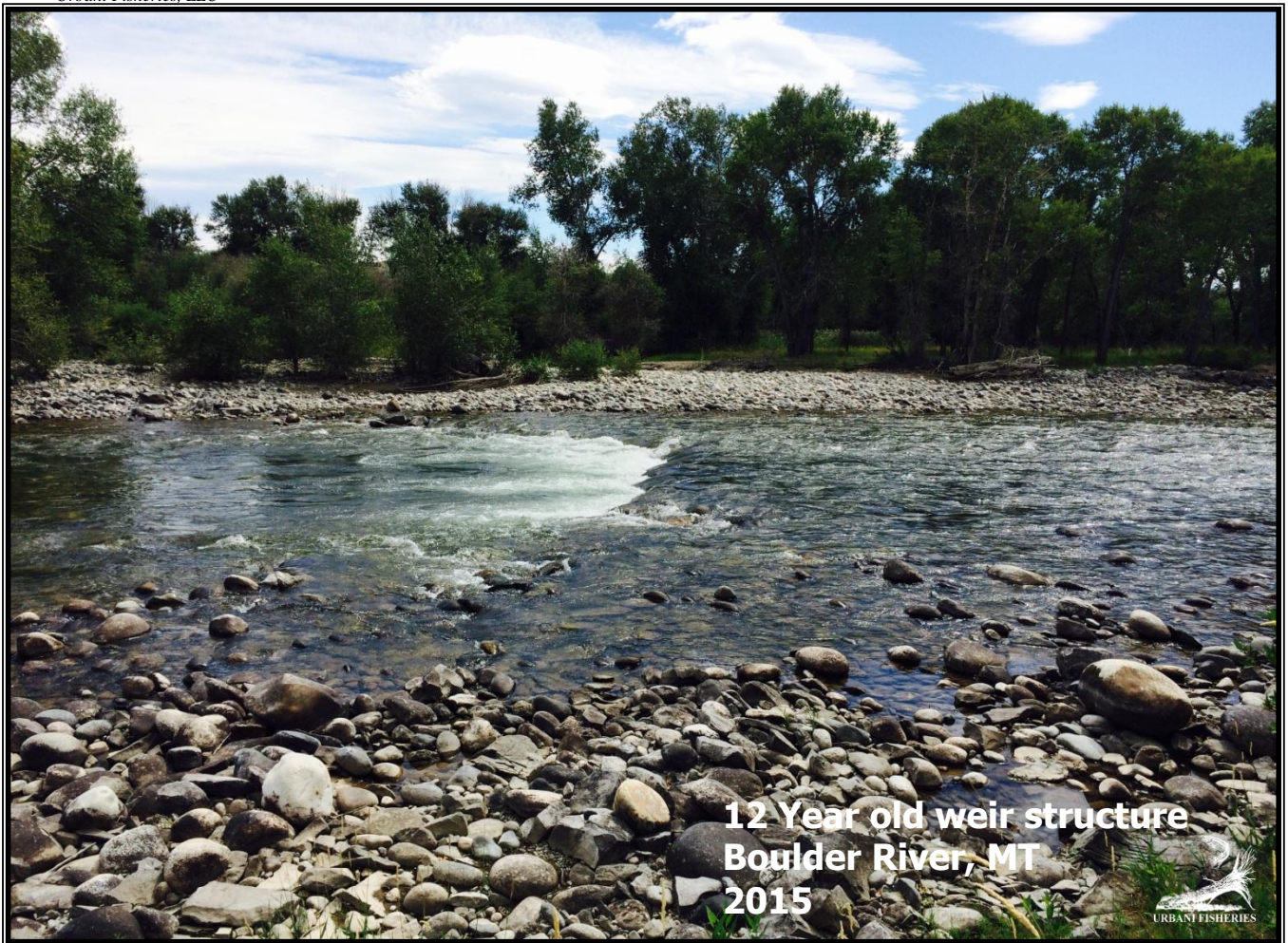


Pre-Construction



**Post-Construction
Inverted weir structure**





**12 Year old weir structure
Boulder River, MT
2015**



**Structure operating at
Bank Full
Boulder River, MT**





08/14/2007

Pre-Construction
Big Timber, MT



Post-Construction
Big Timber, MT
Spring Creek





**Pre-Construction
Pequest River, NJ**



**Post-Construction
Pequest River, NJ**



**Pre-Construction
Pecos River, NM**



**Post-Construction
Pecos River, NM**



**Pre-Construction
Paulinskill River, NJ**



**Post-Construction
Paulinskill River, NJ**





Pre-Construction
Paulinskill River, NJ



Post-Construction
Paulinskill River, NJ

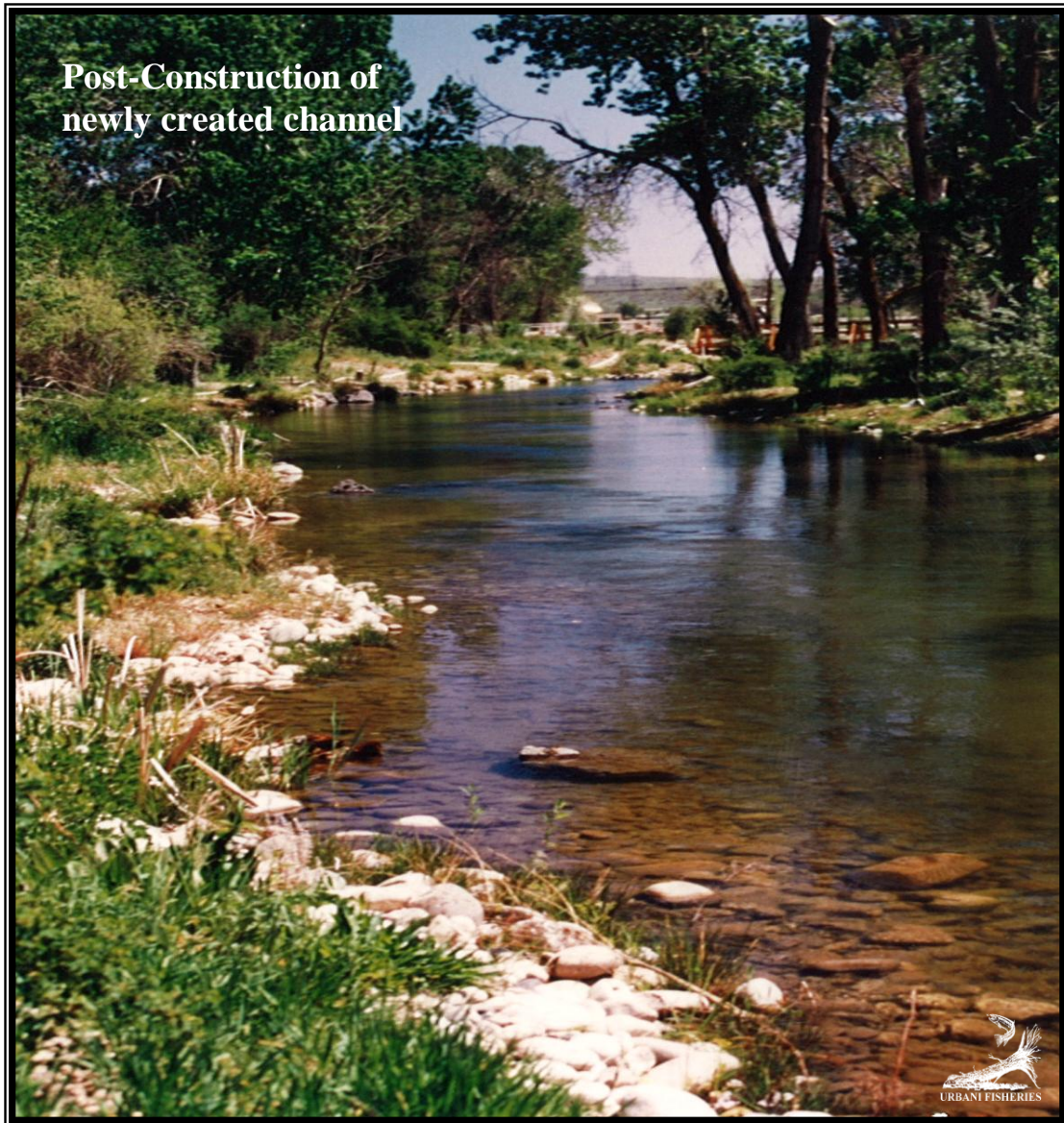


**Pre-Construction
Klamath Falls, OR**



**Post-Construction
-newly created channel
Klamath Falls, OR**







**Pre-Construction
Pecos River, NM**



**Post-Construction
Pecos River, NM**





Westslope Cutthroat
Bred in Created Spawning Stream
Bozeman, MT



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Rainbows in Restored Waters
Pecos River, NM



PECOS RIVER RANCH

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**Pre-Construction
Pequest River, NJ**



**Post-Construction
Pequest River, NJ**



**Pre-Construction
Pequest River, NJ**



**Post-Construction
Pequest River, NJ**



**Pre-Construction
Musconetcong River, NJ**



**Dam Removal
Musconetcong River, NJ**



08/10/2008



**Dam Removal
Musconetcong River, NJ**



**Post-Construction
Dam Removal
Musconetcong River, NJ**





**Pre-Construction
Trout Run, WY**



**Post-Construction
Trout Run, WY**

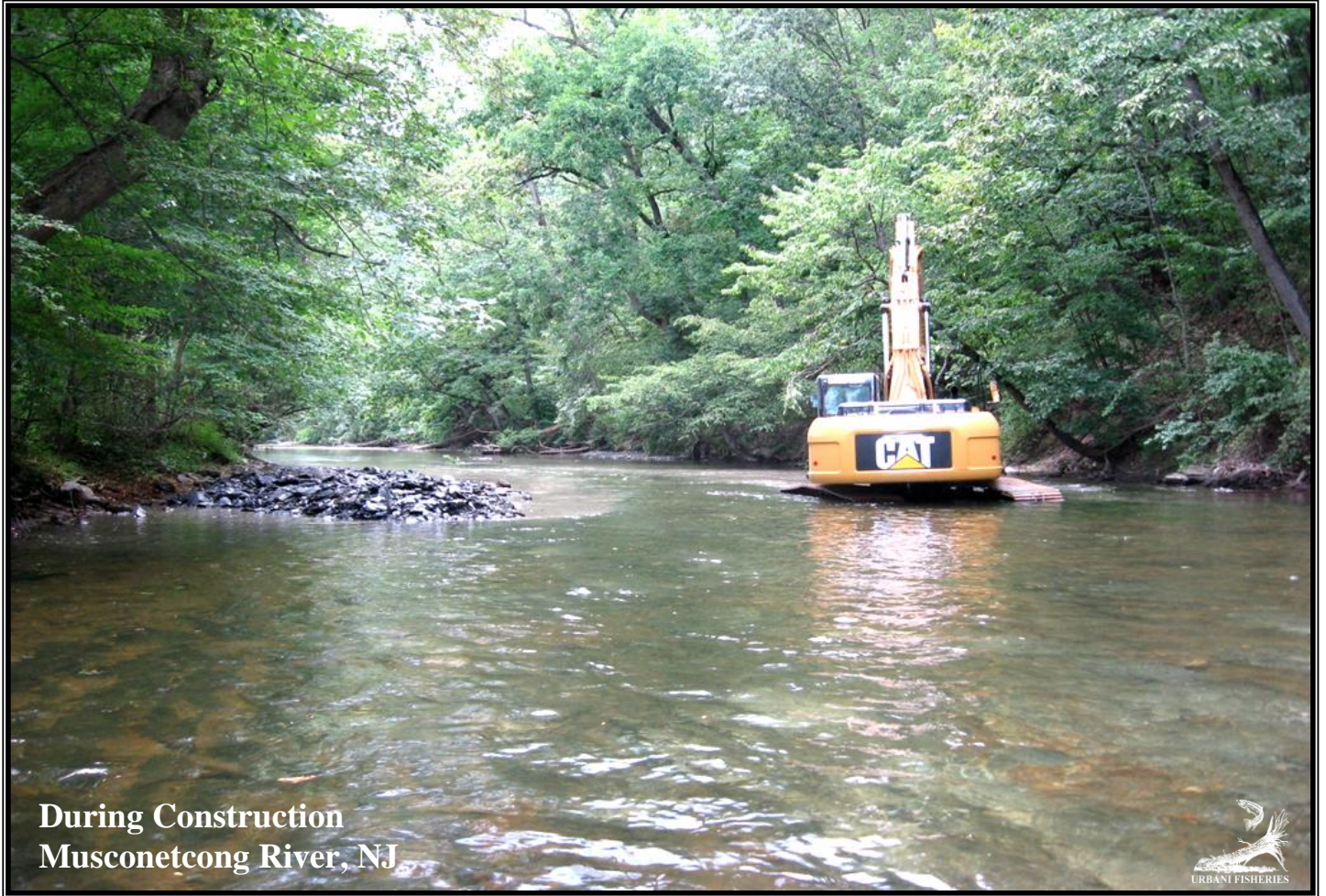


**Pre-Construction
Pecos River, NM**

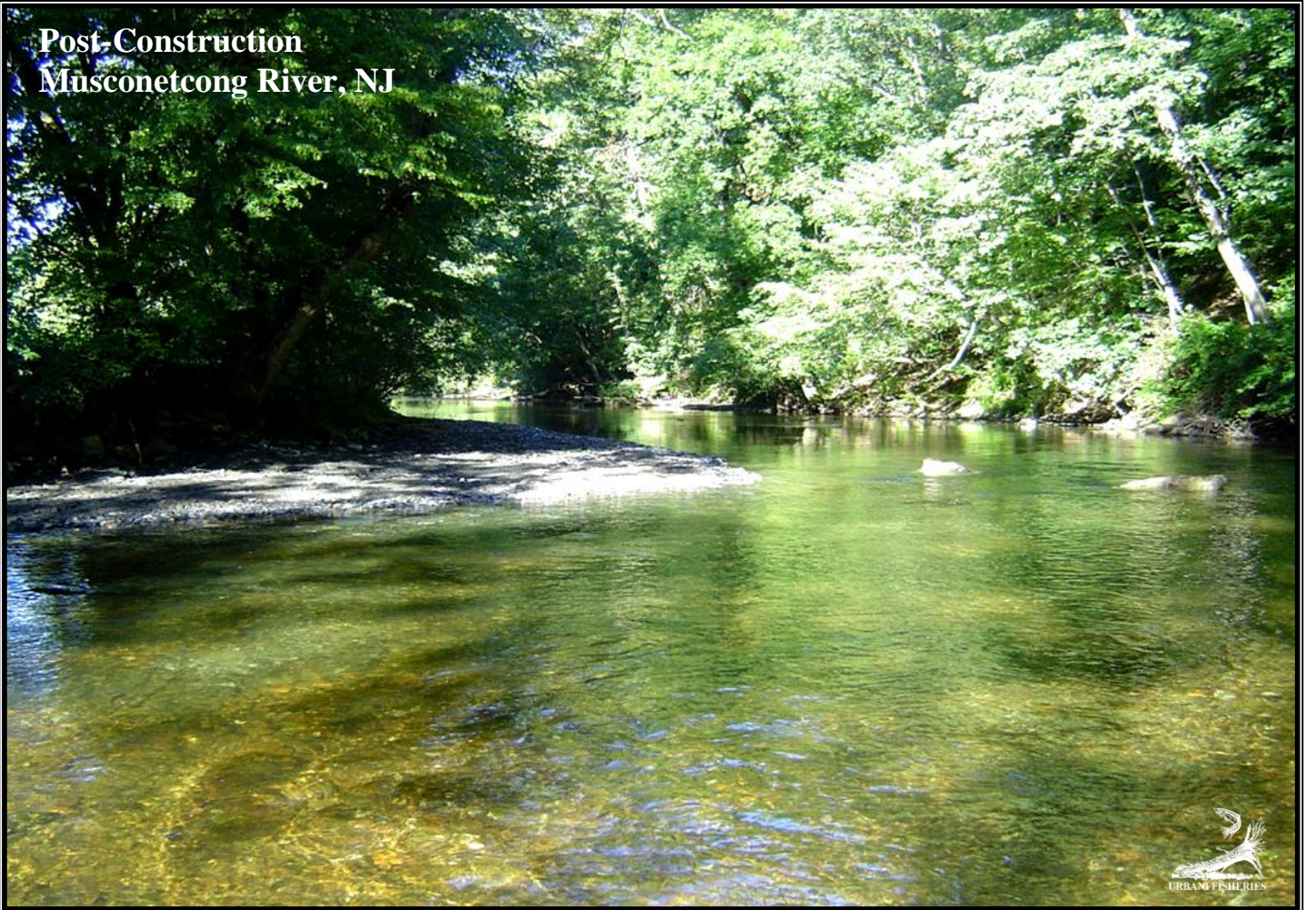


**Post-Construction
Pecos River, NM**





During Construction
Musconetcong River, NJ



Post-Construction
Musconetcong River, NJ



Sediment transport by helical flow



**Created weir structure
Pecos River, NM**

Caught 4 years post
restoration
Pecos River, NM

