

Beaver Reintroduction in the Methow Valley Washington

Kent Woodruff, US Forest Service

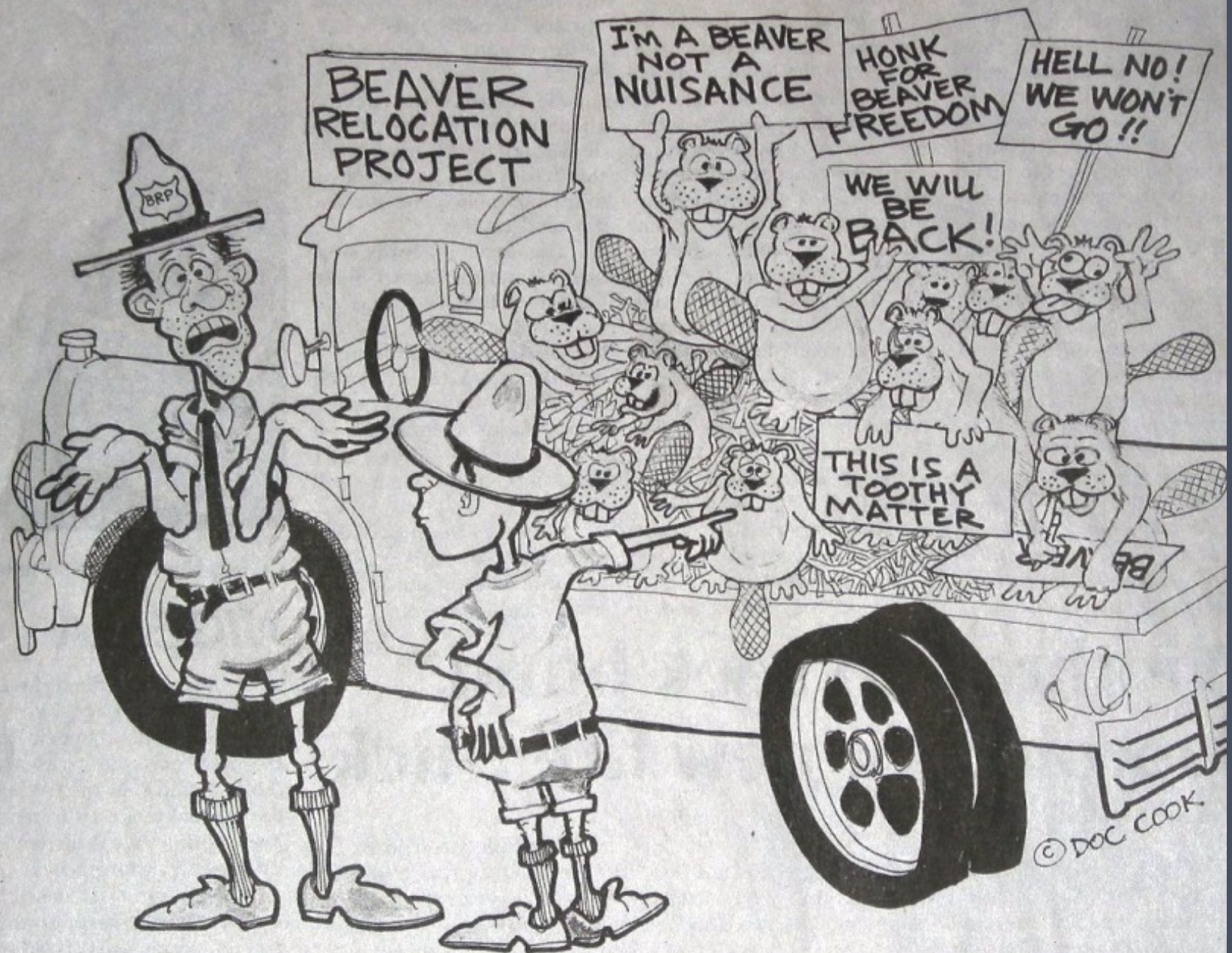


-project sponsor

Methow Salmon Recovery Foundation



Methow Beaver Project



"I thought you said this relocation was going to go smoothly!"



Methow Beaver Project

GOALS

Improve water quality

Restore watershed function

Delay runoff and store water

Expand riparian habitat

Increase stream complexity

Reconnect floodplains

Add instream wood

Build support for this restoration method

Help other beaver projects succeed



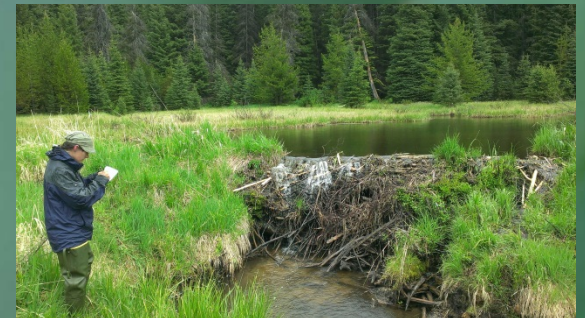


Methow Beaver Project

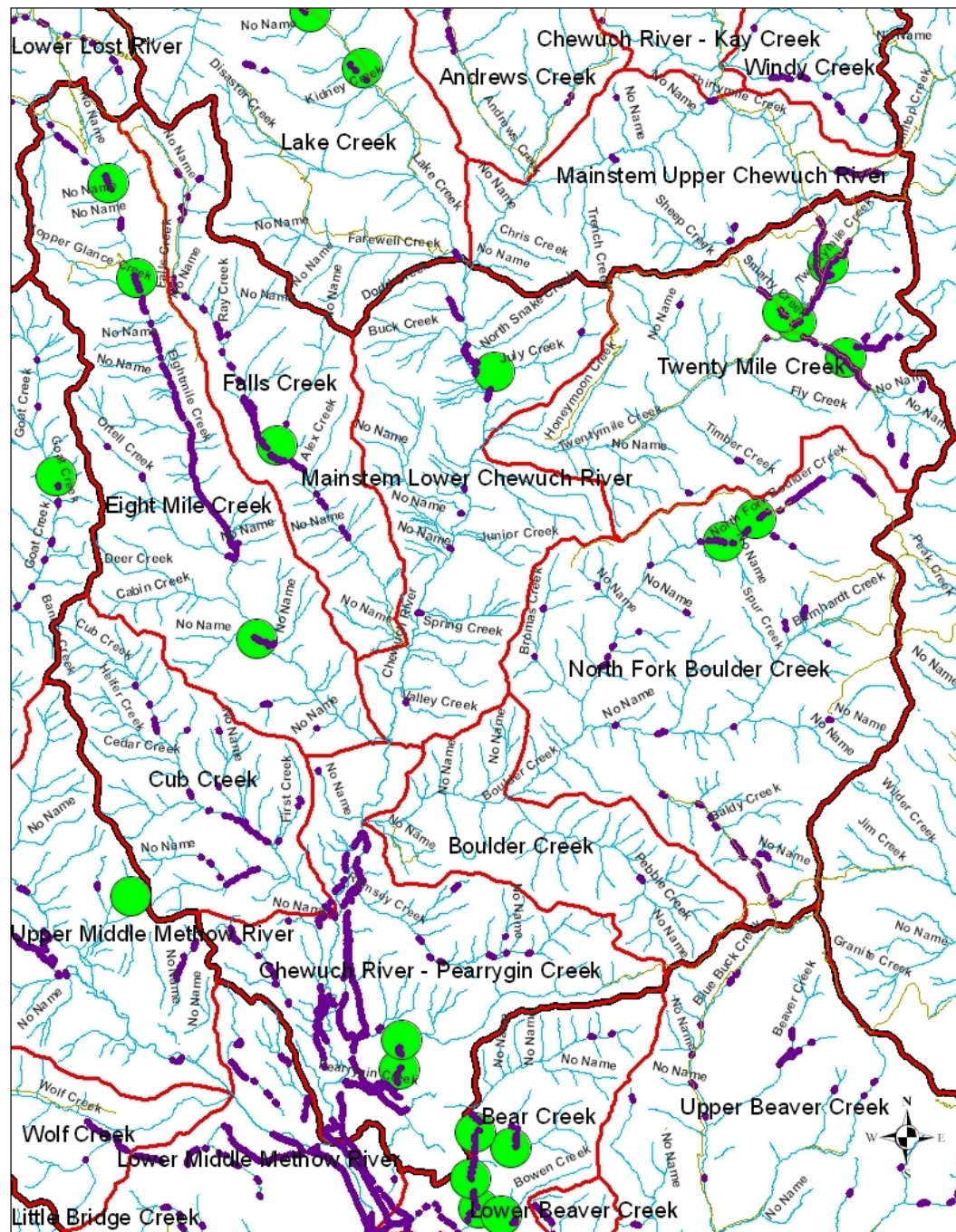
PARTNERS

Methow Salmon Recovery Foundation
Washington Dept of Fish and Wildlife
The Methow Conservancy
U S Fish and Wildlife Service – MNFH
U S Forest Service
Washington Dept of Ecology
Yakama Nation
Colville Confederated Tribes
U.C. Salmon Recovery Funding Board
NFWF – Community Salmon Fund
The Wildlife Conservation Society
Methow Watershed Council
Pacific Biodiversity Institute
100+ Community Volunteers

Ecotrust
Methow Watershed Council
U S Bureau of Reclamation
Douglas County PUD – T.C.
Grant County PUD – P.R.C.C.
National Forest Foundation
Seattle City Light
US Fish and Wildlife Service - FRO
Washington Dept of Natural Res
Woodsmith Watershed Consulting







Methow Beaver Project
 Date: 9/15/2010
 Observer: MS, GS, CV

Release Site Evaluation Card
 Site ID: MS-0357
 GPS Coordinates: UTM
 Subwatershed: 8 Mile
 Lat Long: 48.1357 -120.22878

Habitat Unit Size
 0 - 510m
 1 - 100-199 meters
 2 - 200-500 meters
 3 - 500 meters

Gradient of Habitat
 0 - 25%
 1 - 9-7%
 2 - 6-4%
 3 - 5%

Floodplain Width
 0 - 380 feet
 1 - 180-380 feet
 2 - 100-169 feet
 3 - 2160 feet

Stream Flow (Peak Round)
 0 - 54 pipe
 1 - 1 pipe - 102 ft
 2 - 2 pipe - 102 ft
 3 - 2 1/2 pipe

Dominant Stream Substrate
 0 - Cobble (25-107)
 1 - 10 meters
 2 - 30 meters
 3 - 100 meters

Food
 0 - No Grass/Ford Present
 1 - 10 meters
 2 - 30 meters
 3 - 100 meters

Vegetation Type(s)
 0 - No Sign Present
 1 - 10 meters
 2 - 30 meters
 3 - 100 meters

Historic Beaver use
 0 - No Sign Present
 1 - 10 meters
 2 - 30 meters
 3 - 100 meters

Building materials
 0 - No Building Material Present
 1 - 10 meters
 2 - 30 meters
 3 - 100 meters

Stocking impacts
 0 - No Stocking Present
 1 - 10 meters
 2 - 30 meters
 3 - 100 meters

Valley/Snow depth/growing season
 0 - 8550 feet
 1 - 8550 feet

Total Score
 0 - 8550 feet
 1 - 8550 feet

Notes:
 Pond surrounded by conifers
 10% Alder
 10% Dogwood
 10% Willow
 10% Cottonwood
 10% Aspen
 10% Fir
 10% Spruce
 10% Pine
 10% Birch
 10% Shrub
 10% Grass
 10% Forb
 10% Moss
 10% Lichen
 10% Fungi
 10% Invertebrates
 10% Vertebrates
 10% Microbes
 10% Other



Melhow Beaver Project photo



Methow Beaver Project photo



Methow Beaver Project photo



Methow Beaver Project photo



Methow Beaver Project photo









Methow Beaver Project photo



Methow Beaver Project photo





Methow Beaver Project photo





Methow Beaver Project photo
courtesy John Crandall



Storing water for the future-one beaver at a time
www.methowsalmon.org