

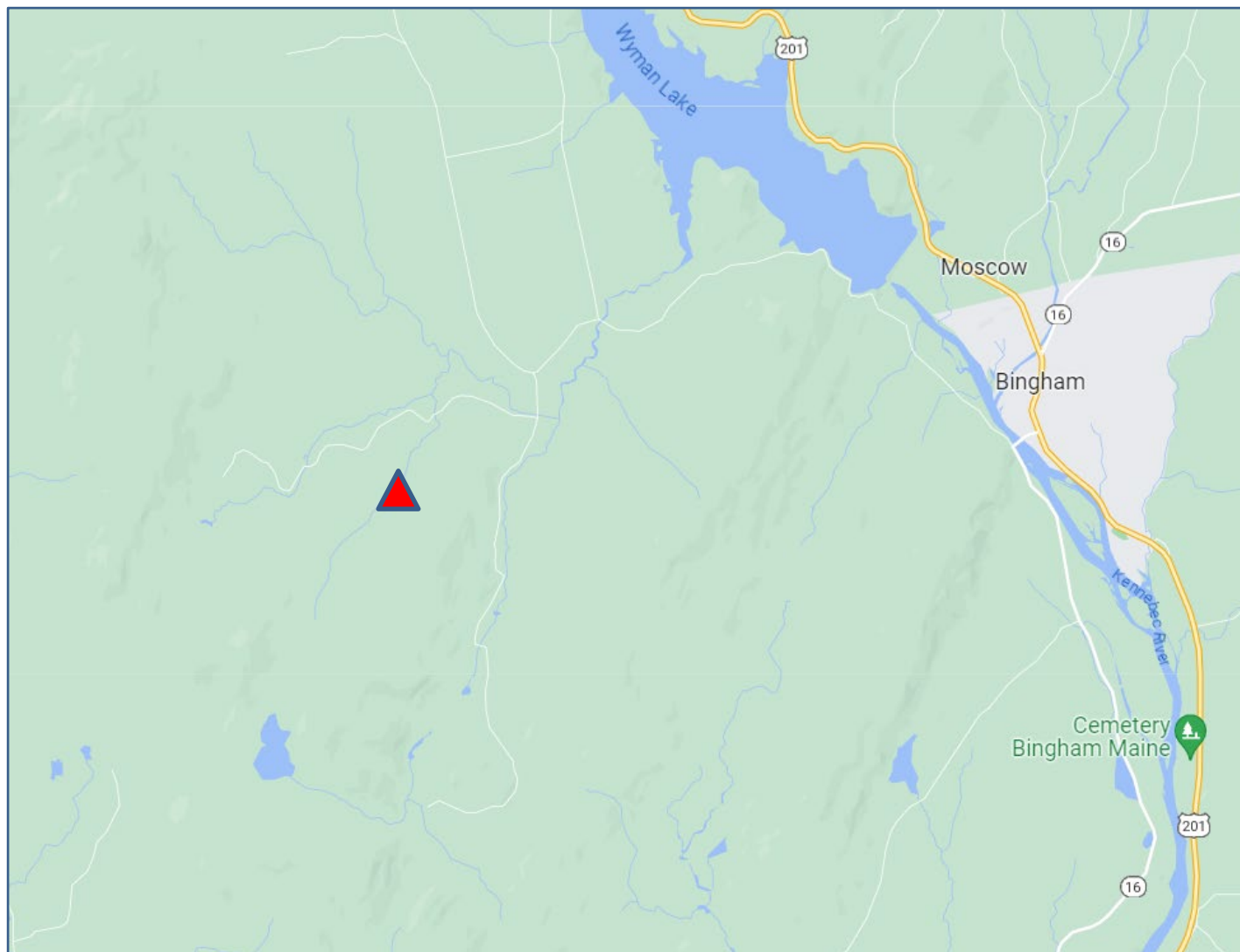
Houston Brook Wood Additions

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Wildlife Biologist
Weyerhaeuser Timber Co.

Fisheries Improvement
Network Meeting
MFPC - Augusta, ME
May 3, 2023



Houston Brook, near Bingham, ME

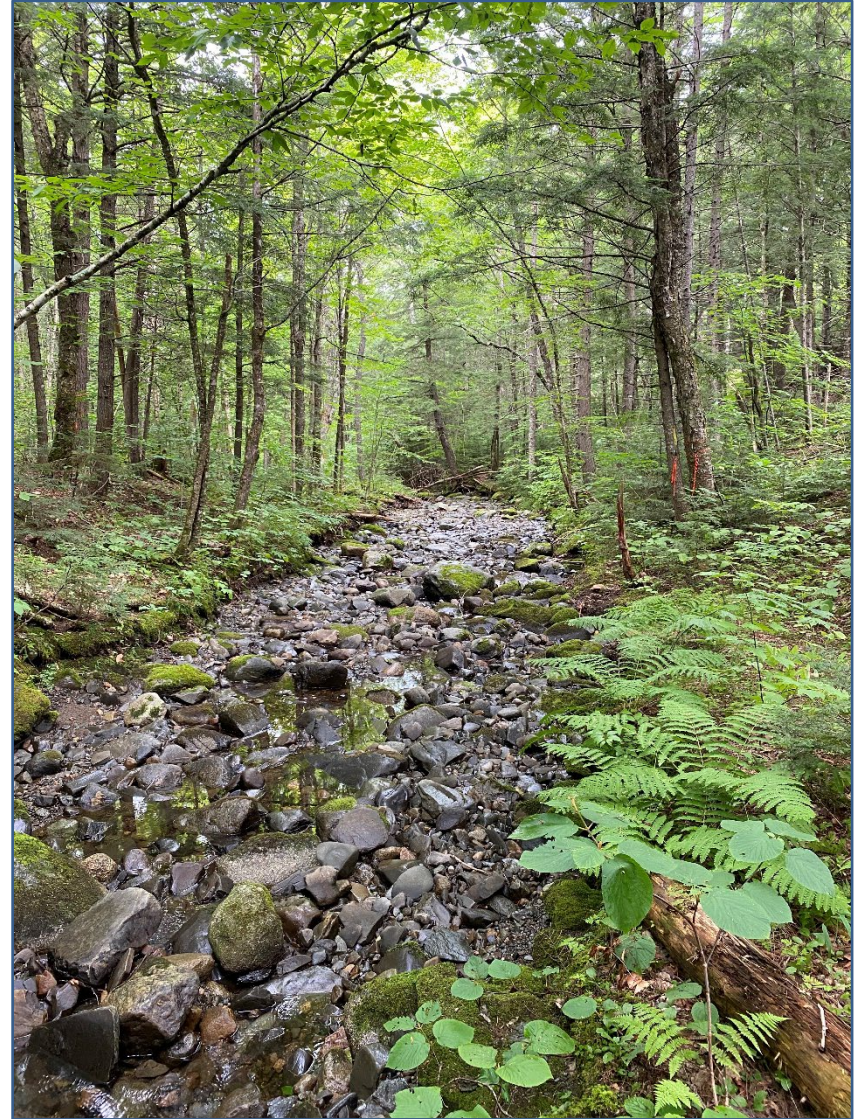


Why Houston Brook?



Several reasons:

- Knowledge of past log drive stream conditions
- Convenience – access to stream, WY local office
- Can build on work over multiple years among stream branches in the watershed
- Consultation with ME IFW - Fisheries



Easy & Simple Process



- Contacted IFW & MFS – site review
- 3 Weyerhaeuser staff joined Chop & Drop training (virtual & field)
- Marked trees to be felled in collab with IFW
 - Data on tree species, felling direction, & BFW
- IFW developed a Wood Addition Plan
- Coordination on Forest Operations Notification
- Hired a local tree service contractor
- ½ day of felling by team of 4
- ~\$2,500 = 1 mile of stream, ~130 trees

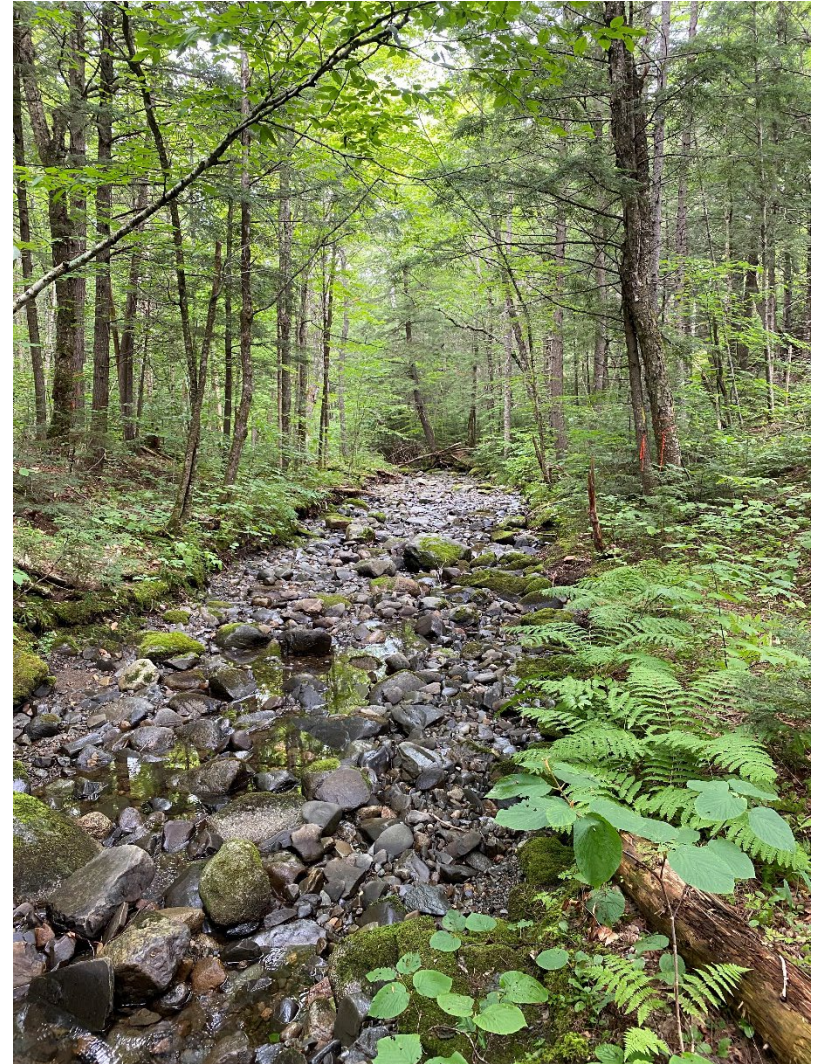
Wood Addition Plan



No.	Bank	Tree Species	Notes
1	RR	maple	Perpendicular to channel, straight across, multi-stem
2	RL	birch	Across channel, upstream of hemlock on opposite bank
3	RL	red maple	perpendicular to channel, between hemlock and ash on opposite bank
4	RL	red maple	Across channel
5	RL	yellow birch	Across channel, upstream of ash on opposite bank
6	RL	birch	Across channel, upstream of hemlock
7	RL	birch	Across channel, upstream of old natural key piece on RR bank
8	RL	birch	Fell slightly upstream and on top of downed birch in channel
9	RL	Ash	in from bank, try to fell so crown falls onto cobble bar in channel
10	RL	maple	Fell on top of #9 in a slightly upstream direction
11	RL	ash	across channel upstream of silver maple on RR
12	RL	maple	fell in upstream direction so top is upstream of silver maple on RR

Chop & Drop Wood Addition Plan			
Project Name: Houston Brook and Tribs			
Town: Concord TWP		County: Somerset	
Landowner: Weyerhaeuser			
GPS Coordinates (Lat/Long DD)			
Upstream end:		Lat: 45.041369	Long: -69.990318
Downstream end:		Lat: 45.051839	Long: -69.978739
Total Distance:		0.99 mile	
Average Bankfull width (ft)			
Transect#	Measurement		
1	18		
2	21.7		
3	18.6		
4	15.9		
5	16.1		
Average		18.06	
Key Pieces			
Total # for treated area:			104
Average spacing between key pieces: (estimate is ok)			100 ft
Project Site Map(s):			
Signature: Date: _____ Print Name & Title: Merry Gallagher, Native Fish IFW or DMR Biologist Conservation Biologist (IFW)		Signatures Signature: _____ Date: _____ Forester, Print Name: _____ License #: _____	

Wood additions



Wood additions



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Wood additions



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Wood additions



Wood additions



Where to from here....



- Use a logging contractor to do this work while harvesting adjacent upland
 - More efficient & cost effective
 - More landscape scale potential
 - Programmatic plans

- Continue work in Houston Brook
 - Assess outcome
 - More segments...

