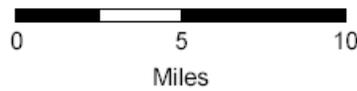
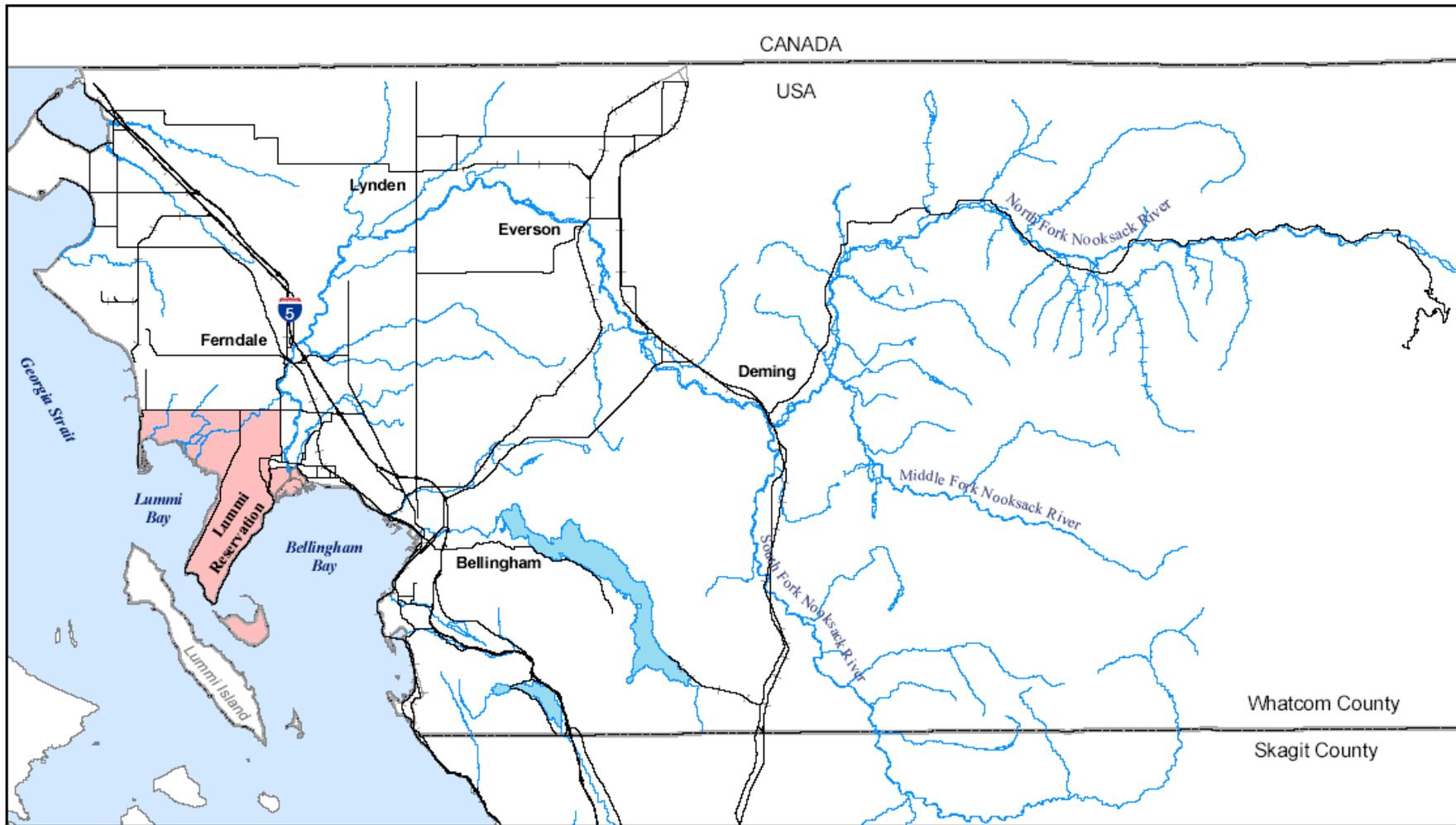




Lummi Nation Wetland & Habitat Mitigation Bank

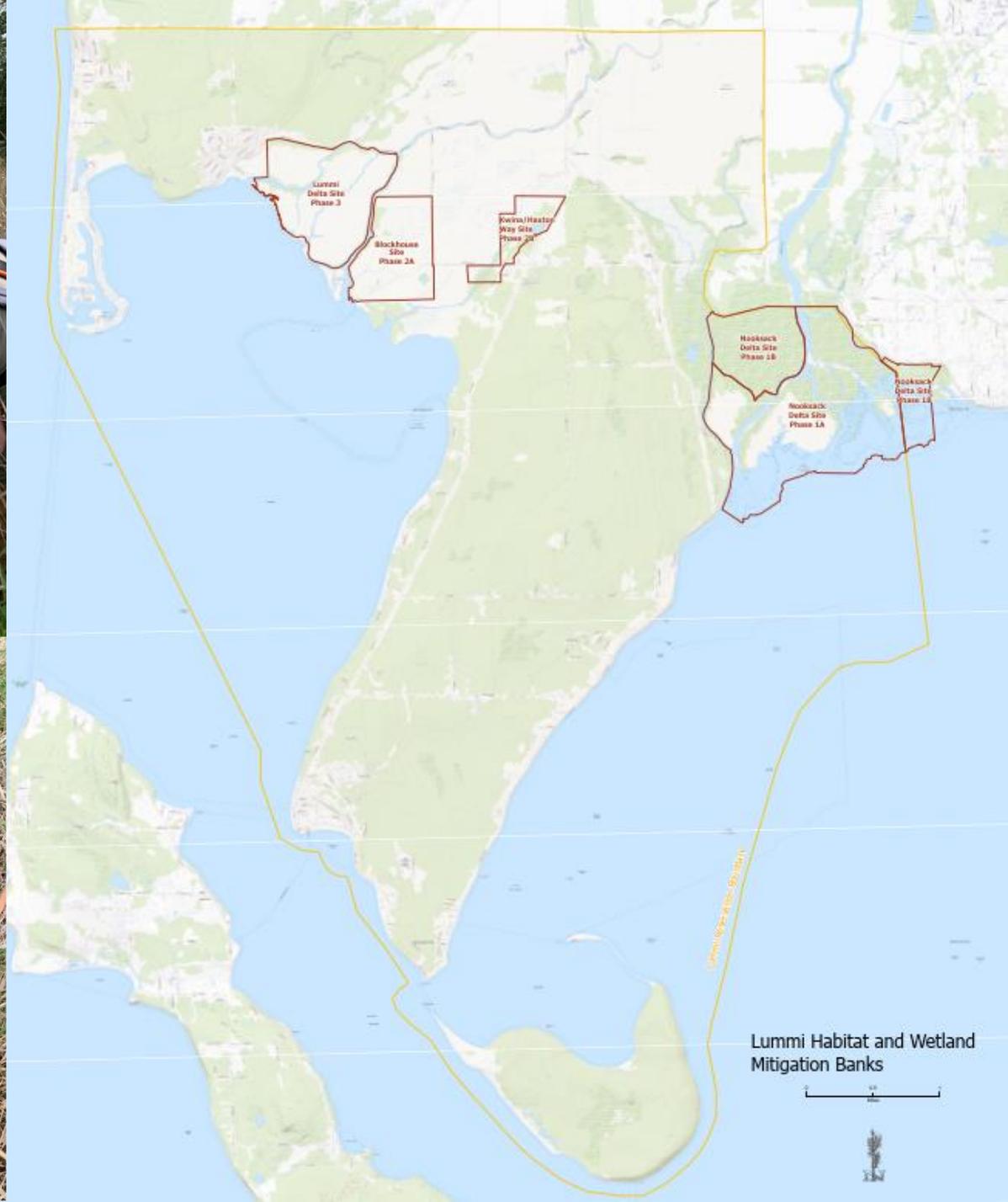
RESTORATION ECONOMY



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General Location Map of the Lummi Indian Reservation

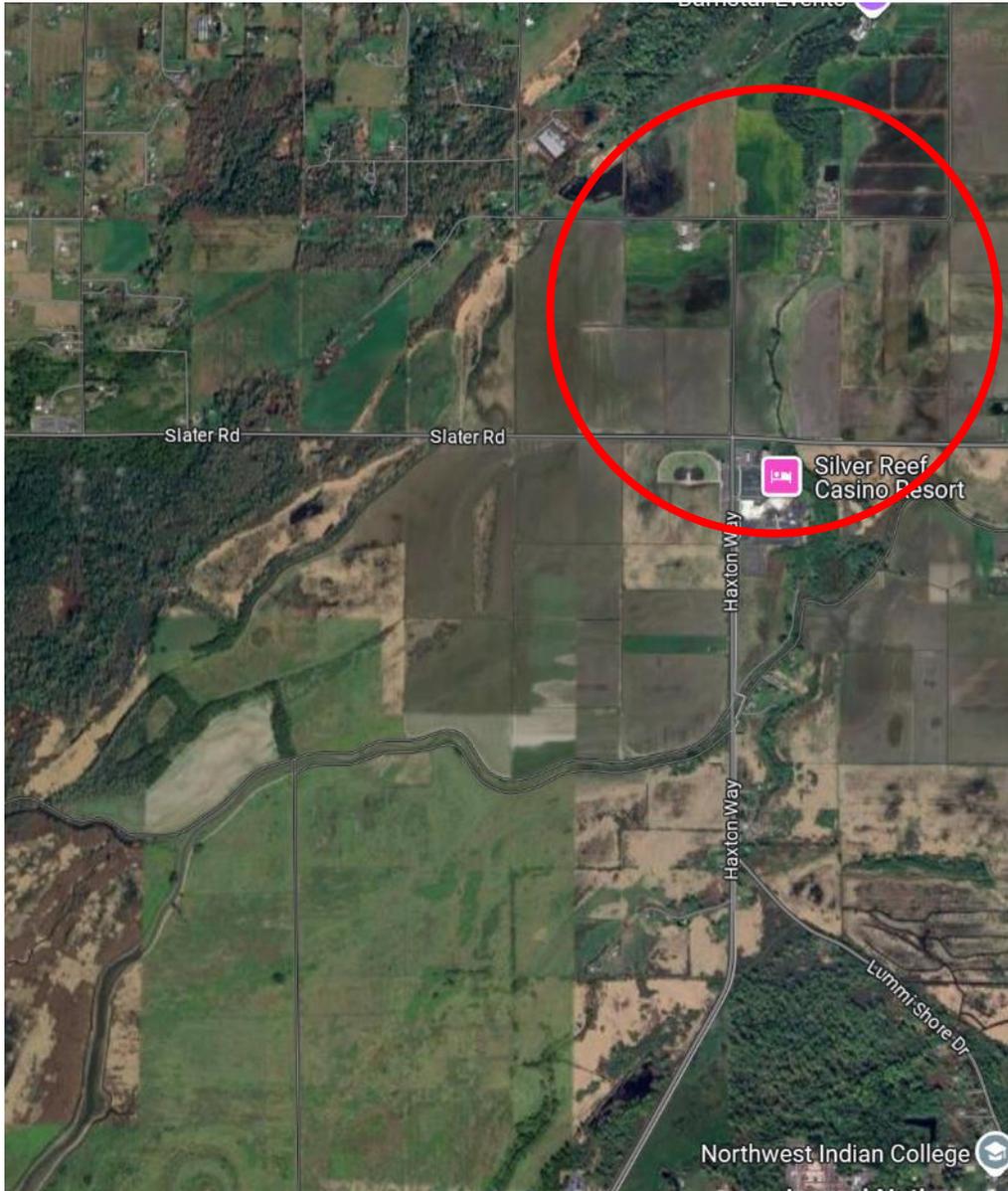


Lummi Nation Wetland Habitat Mitigation Bank, the “Bank”

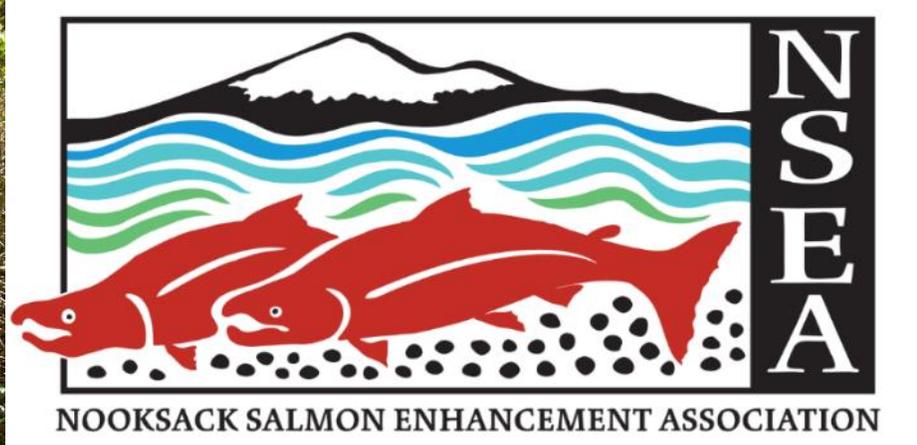
- Provides restoration economy to the Tribe while providing:
 - Flood protection
 - Pollution filtration
 - Wildlife habitat
 - Ecological lift



Flood Protection & Pollution Filtration







Mitigation Bank = Restoration Economy

Site	Credit Generating Activities	Acreage	Potential Credits
Nooksack Delta (Phase IA and IB)	Enhancement	1,179	239
Blockhouse (Phase II)	Re-establishment, Rehabilitation	374	249
Lummi Delta (Phase III)	Re-establishment, Rehabilitation	412	343
Total		1,965	831¹



48 townhomes,
14 live/work
units, +/-
188 multifamily
unity, +/- 3,000
square feet of
potential
commercial site,
and a
community
building with
0.539 acres of
wetland impact
requested

Let's talk about
stewardship of
the Bank!

Merle Jefferson, Sr. – LNR Executive Director



Northwest Indian College presents

Salish Sea Speaker Series

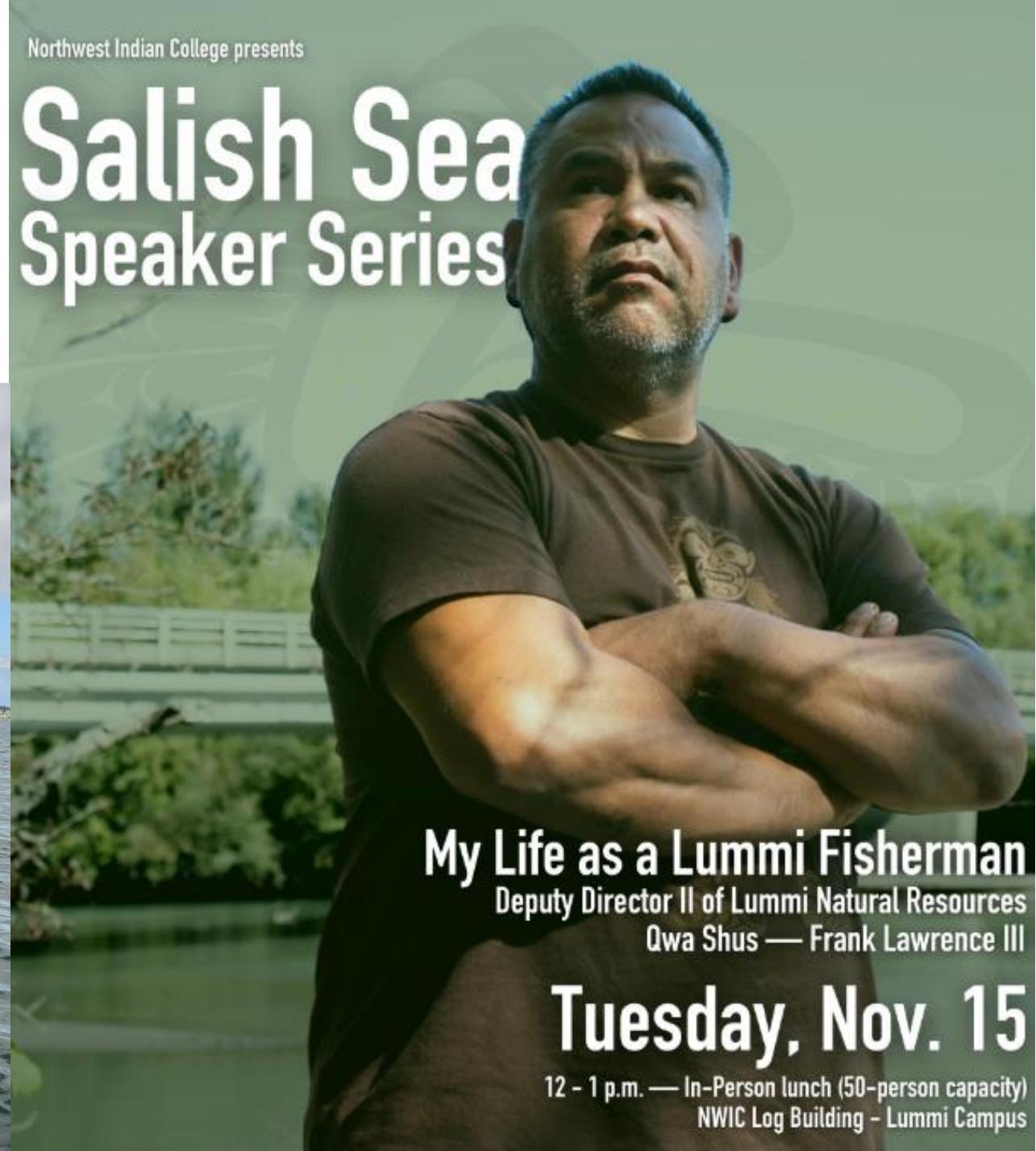
My Life as a Lummi Fisherman

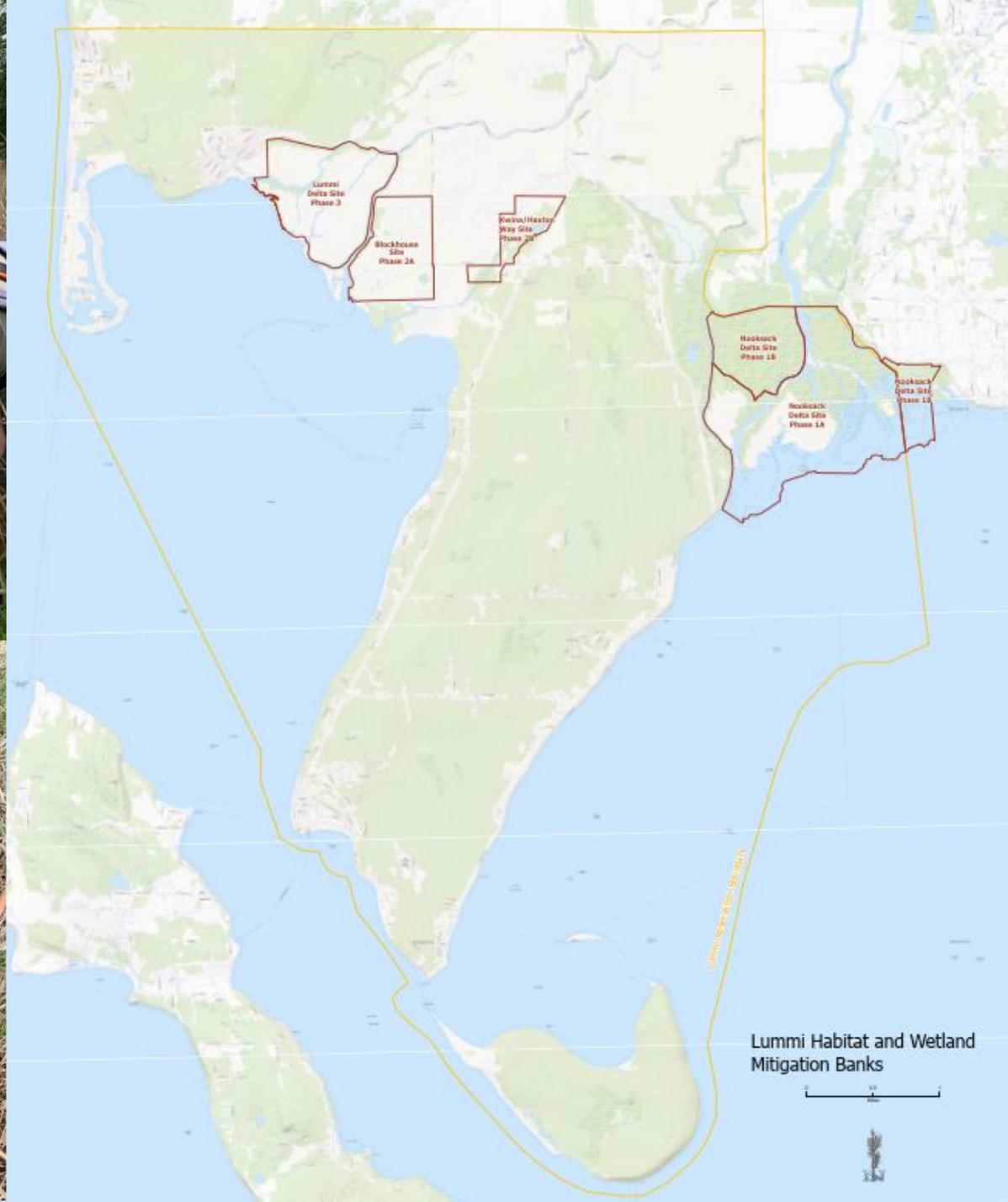
Deputy Director II of Lummi Natural Resources

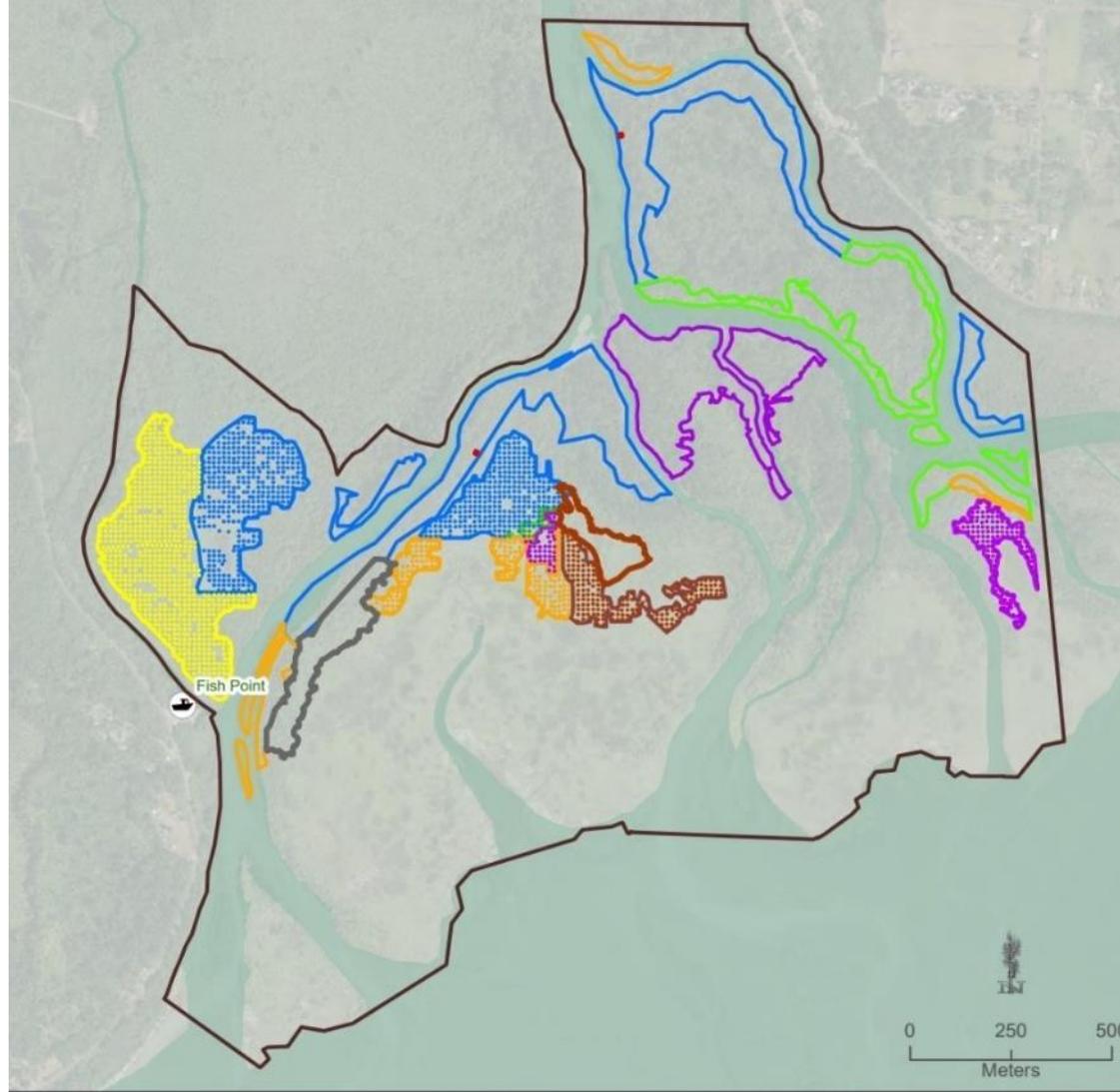
Qwa Shus — Frank Lawrence III

Tuesday, Nov. 15

12 - 1 p.m. — In-Person lunch (50-person capacity)
NWIC Log Building - Lummi Campus







Lummi Nation Wetland and Habitat Mitigation Bank



Conifer Underplant Zones (Acres Treated)

- 2012 (50.5 acres)
- 2013 (11.3 acres)
- 2014 (25.25 acres)
- 2015 (7.2 acres)
- 2016 (4.49 acres)
- 2024 (9.64 acres)
- Conifer Corrals
- LNWHMB Phase 1A (841.9 acres)

20' dia. Willow Plot Locations

- 2011 (29.7 acres)
- 2012 (29.9 acres)
- 2013 (0.8 acres)
- 2014 (5.9 acres)
- 2015 (8.0 acres)
- 2016 (7.5 acres)



Nooksack main channel

Cork Stump Trail

0.5 miles

Proposed
2025 Conifers
7.2 ac

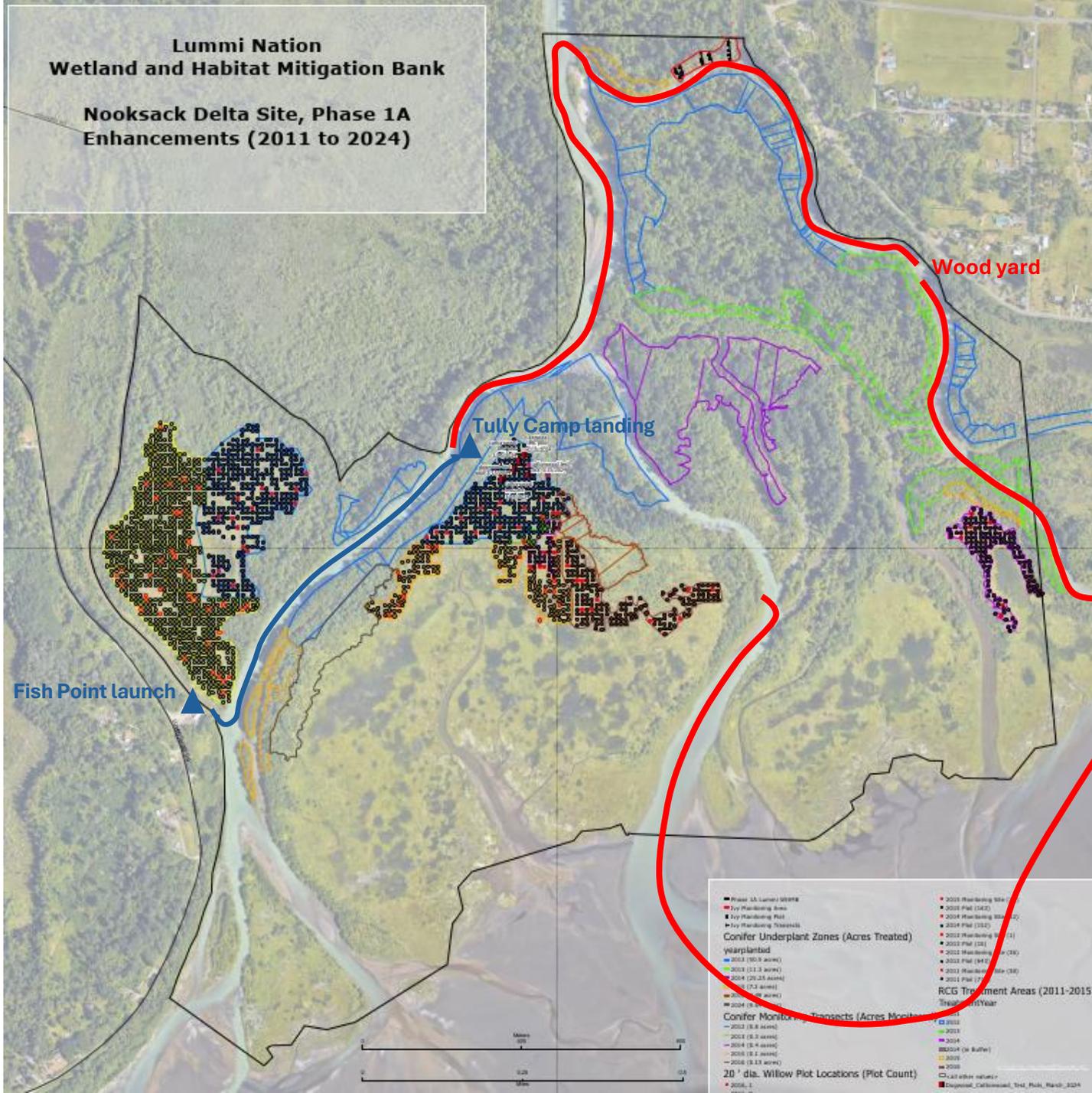
2024 Conifers
9.64 acres planted

12.1 ac

To Fish Point launch

How did we get the caging out there?

Initially, I wanted to helicopter all my supplies in and have them dropped in an open field!



Wood Yard located on Marine Drive

Shamania led a team of fence movers!

Exited Marietta Channel and reentered center channel

Several boat loads of supplies!

W	26	High	5:07 AM	8.6
	26	Low	10:05 AM	5.8
	26	High	2:40 PM	7.9
	26	Low	10:08 PM	-1.0

Th	27	High	5:26 AM	8.7
	27	Low	10:41 AM	5.0
	27	High	3:44 PM	7.9
	27	Low	10:48 PM	-0.8



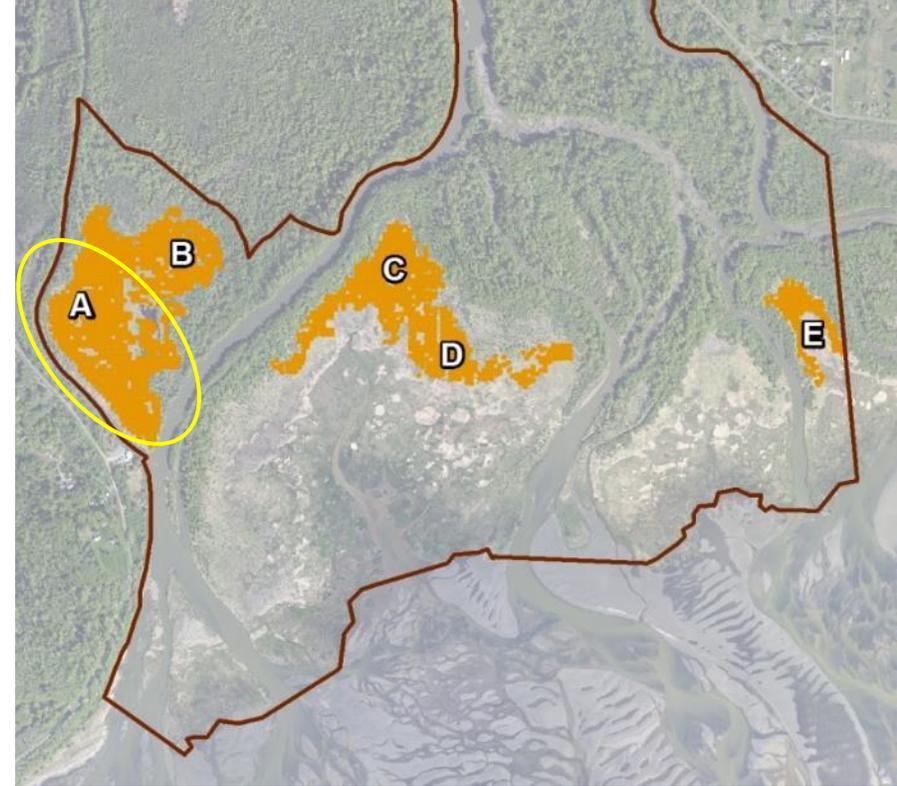


Successful willows

Nooksack main channel

Not-so-successful willows

Kwina Slough

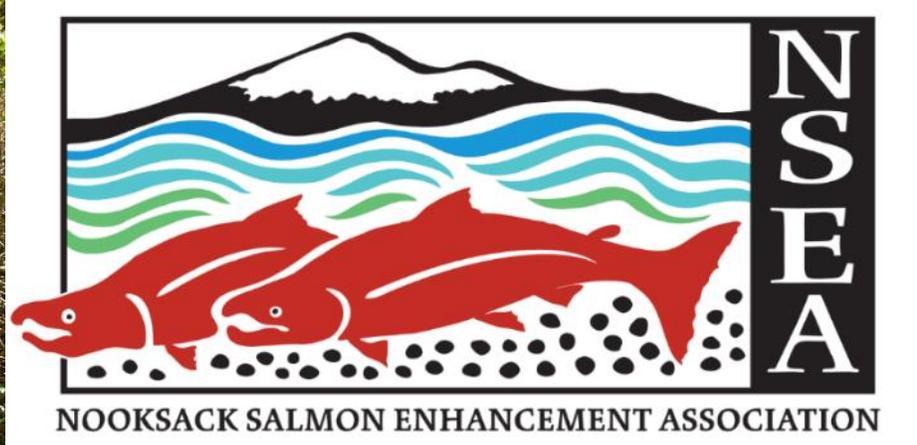


Year 10 monitoring of 2011 Willows

Hooker willow (*Salix hookeriana*)

October 2021

Photographed: Tyson Waldo – Northwest Indian Fisheries Commission







Lummi Natural Resources

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