



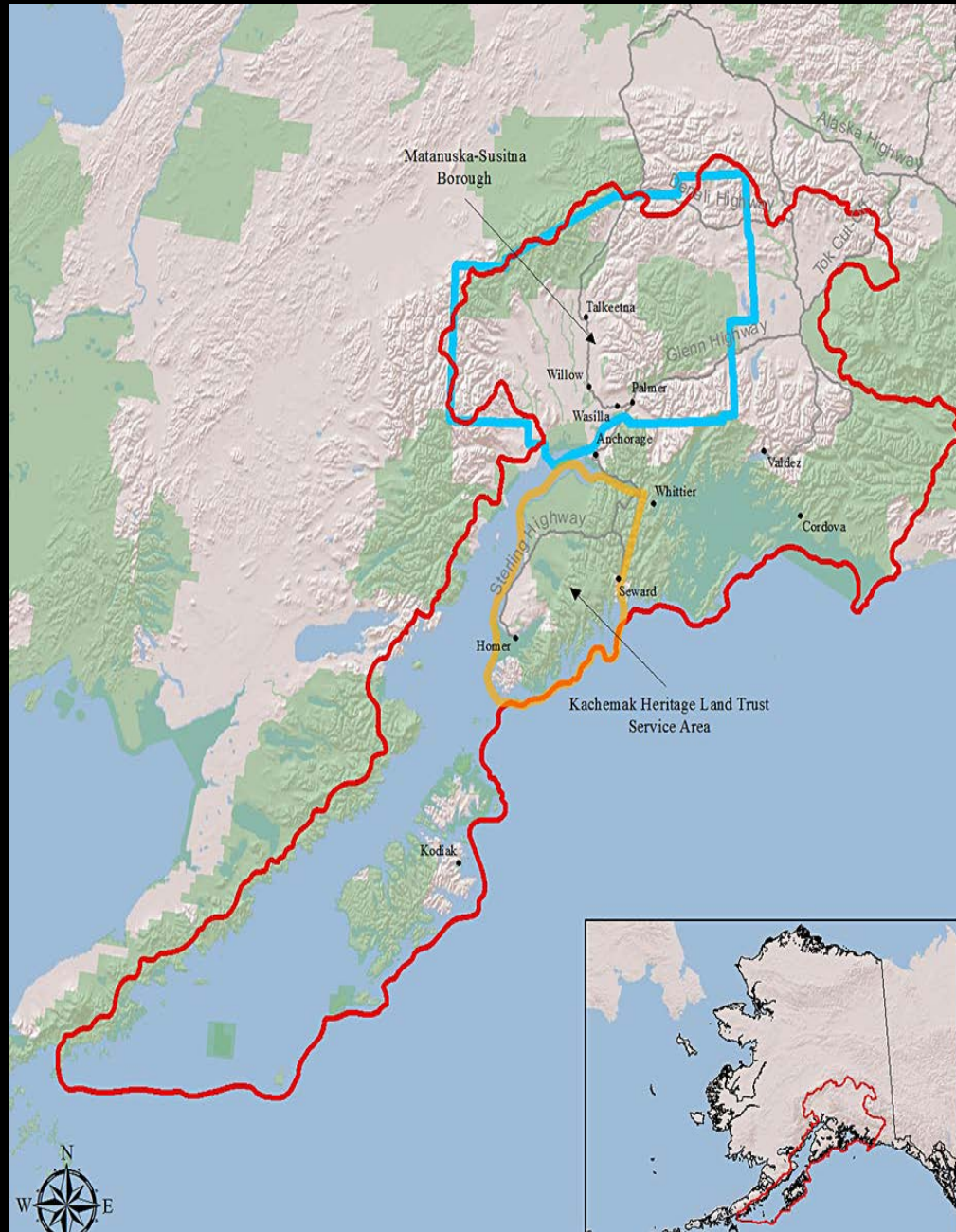
Prioritizing Riparian Habitat: an Update of on-the-Ground Conservation

Tess Frenchik, Great Land Trust

What we've done

*Since 1995,
31 Conservation Projects
totaling over 11,000 acres:*

- 5000 acres of wetlands
- 44 miles of salmon streams
- 9 historic homesteads
- 6 public access projects at Palmer Hay Flats Refuge and Chugach State Park
- 7 Anchorage municipal parks
- 4 Farms



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Salmon Prioritization



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GLT works with stakeholders to prioritize land parcels on priority waterbodies. Moore Foundation funds GLT to send letters and information packets to the top 200 landowners.

2012

Alaska Sustainable Salmon Fund funds GLT \$500,000 for salmon habitat conservation projects based on the prioritization results.

2014

Alaska Sustainable Salmon Fund funds GLT \$250,000 for salmon habitat conservation projects. Moore Foundation funds GLT to update prioritization and initiate outreach to 2,000 landowners.

2013

Alaska Sustainable Salmon Fund again funds GLT \$500,000 to complete salmon habitat conservation projects based on the prioritization results.

2015

Salmon Prioritization



Initial Filters

- Priority waterbodies
- MSB boundary
- Parcels greater than 5 acres
- Parcels within 300' riparian buffer zone

Ownership

- Private
- Native Corporation
- Alaska Mental Health Trust
- Public University
- MSB

Central Portion of Mat-Su Watersheds	Susitna Drainage Watersheds	Eastern portion of Mat-Su Watersheds
Big Lake	Cache Creek	Wasilla Creek
Blodgett Lake	Goose Creek	Jim Creek
Cottonwood Creek	Lake Creek	Jim Lake
Fish Creek	Larson Lake	Matanuska River Clearwater Side Channels
Goose Creek	Montana Creek	McRoberts Creek
Herkimer Lake	Queer Creek	Mud Lake
Horseshoe Lake	Rabideaux Creek	Swan Lake
Little Meadow Creek	Sawyer (Buddy) Creek	Swift Creek
Little Susitna River	Sheep Creek	
Lucile Creek	Sunshine Creek	
Meadow Creek	Susitna River Channel, Sloughs, & Clearwater Side Channels	
	Trapper Creek	
	Twister Creek	
	Whiskers Creek	
	Wiggle Creek	
	Willow Creek	

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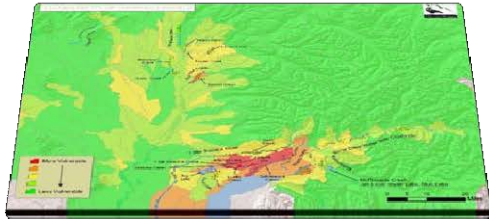
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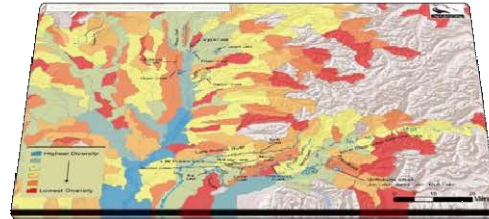
Salmon Prioritization



Development Vulnerability



Salmonid Species Diversity by Subwatershed



Anadromous Stocks of Concern

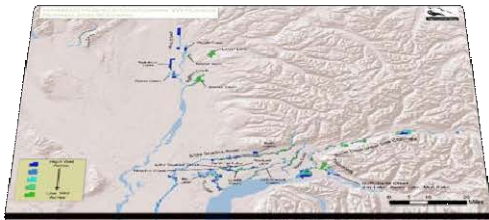
Region	Waterbody	Stock of Concern Status
East Susitna	Willow Creek Chinook	Adopted 2011
	Goose Creek Chinook	Adopted 2011 (void); Recommended 2013 (management)
	Sheep Creek Chinook	Recommended 2013
Susitna Main Stem	Susitna River Coho	Adopted 2011
West Susitna	Alexander Creek Chinook	Adopted 2011
West Cook Inlet	Theodore River Chinook	Adopted 2011
	Chaitna River Chinook	Adopted 2011
	Louis River Chinook	Adopted 2011

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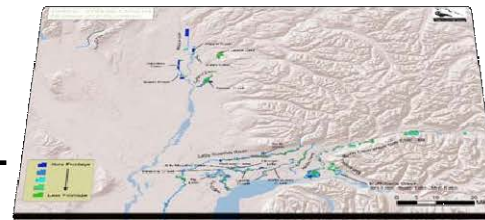
Normalized Area of Wetlands



Adjacency to Protected Lands



Normalized Stream Length



+

+

+

Normalized Shore Length



Sport Fisheries



Adjacency to Lands of Same Landowner

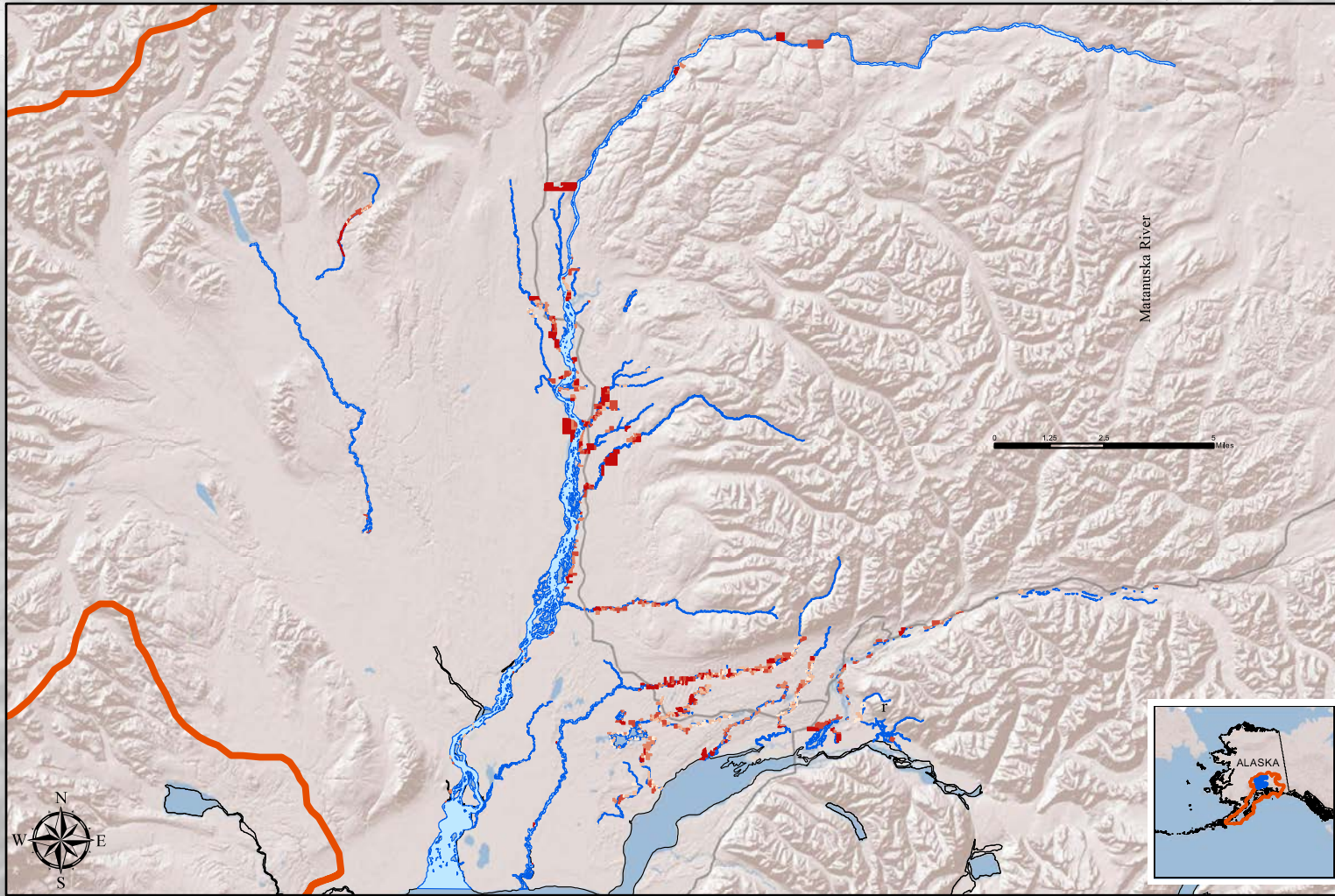


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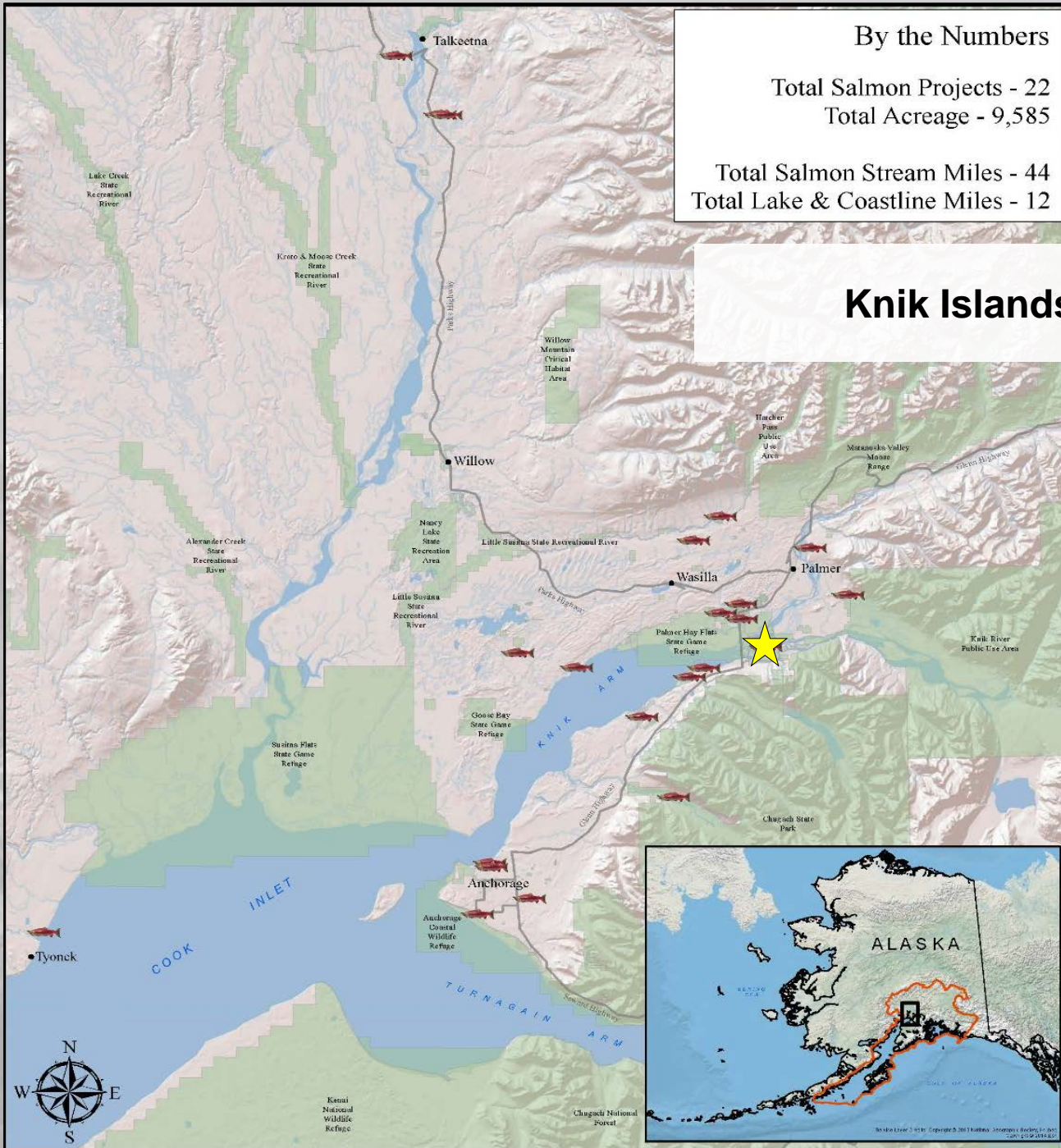
By the Numbers
Total Salmon Projects - 22
Total Acreage - 9,585
Total Salmon Stream Miles - 44
Total Lake & Coastline Miles - 12

Knik Islands

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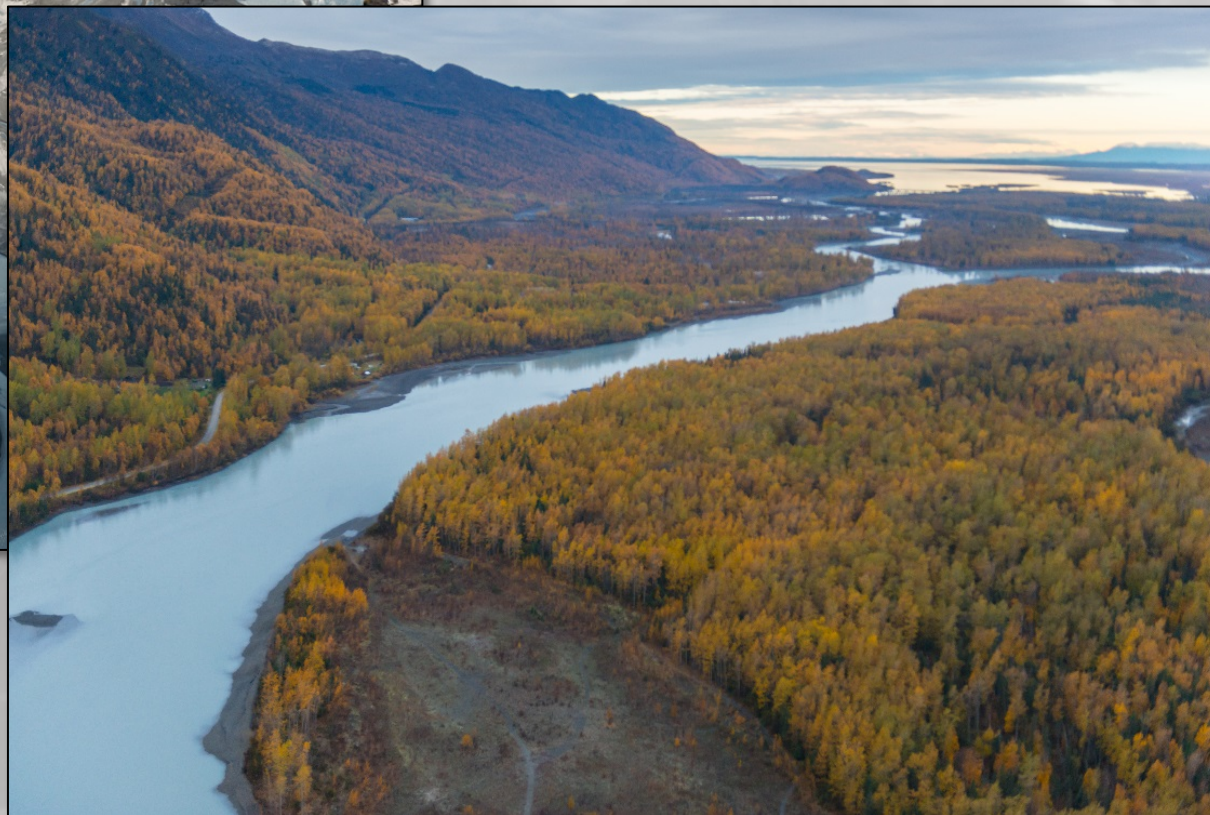
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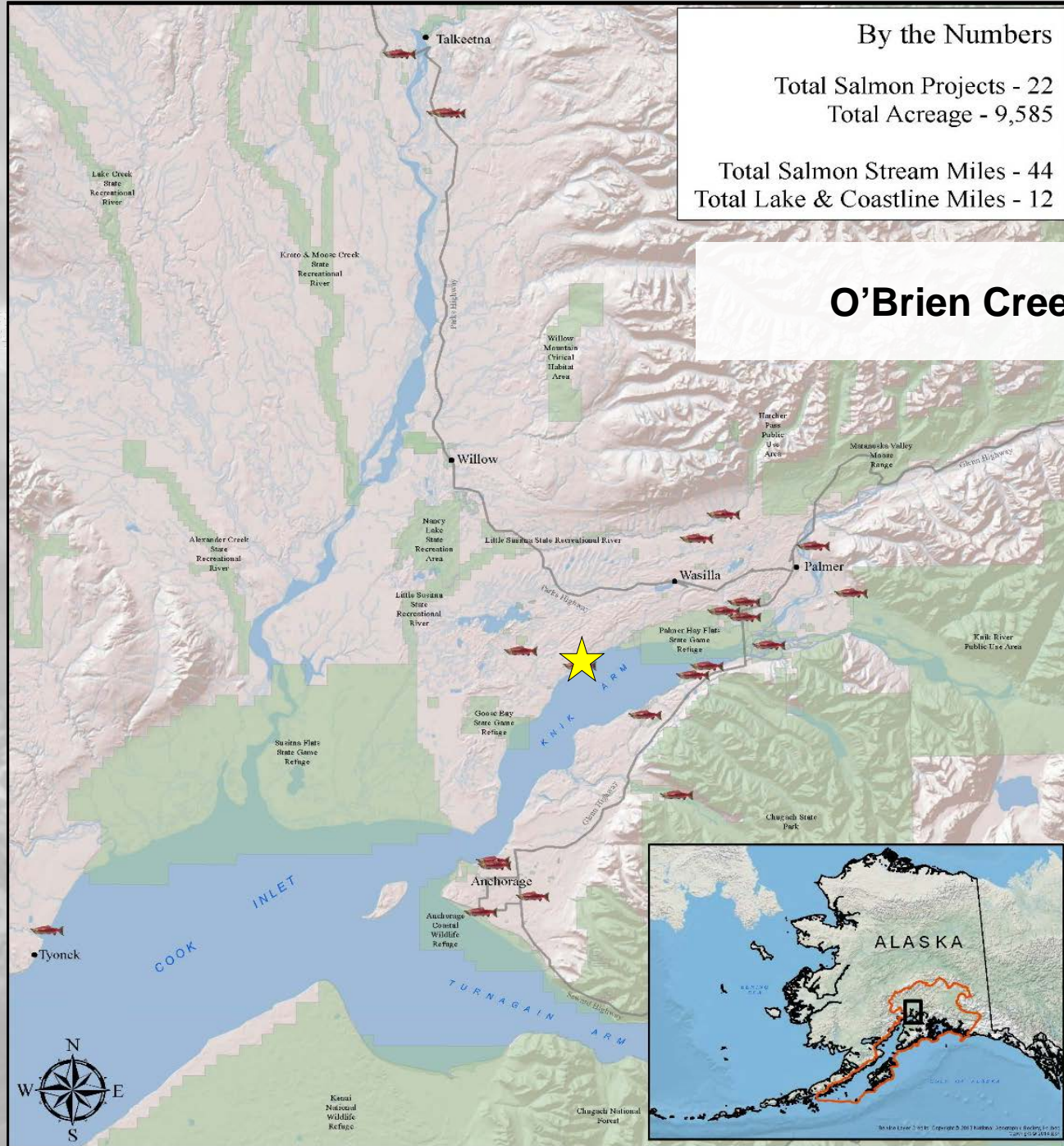
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O'Brien Creek

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O'Brien Creek



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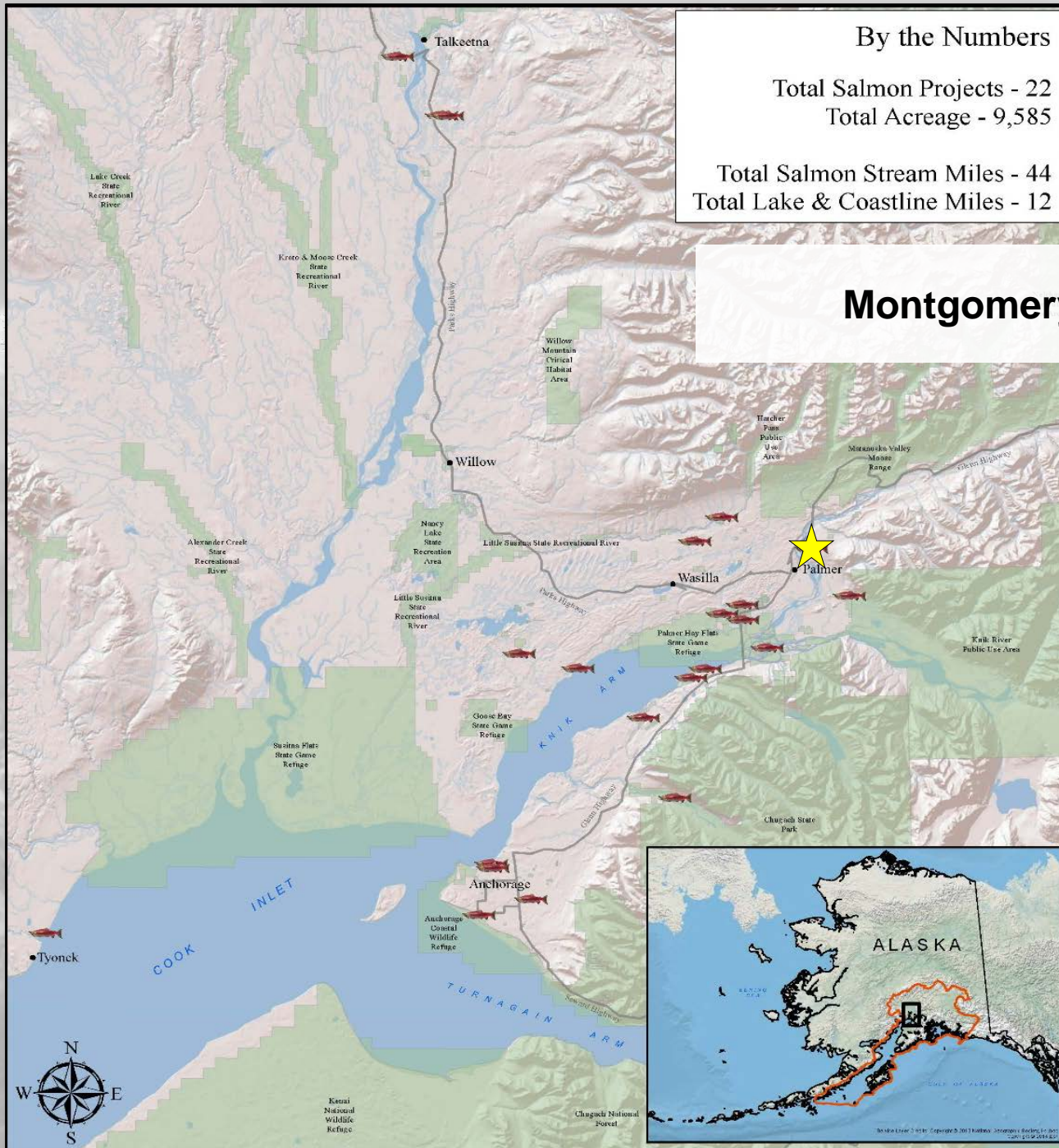
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Montgomery

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Montgomery

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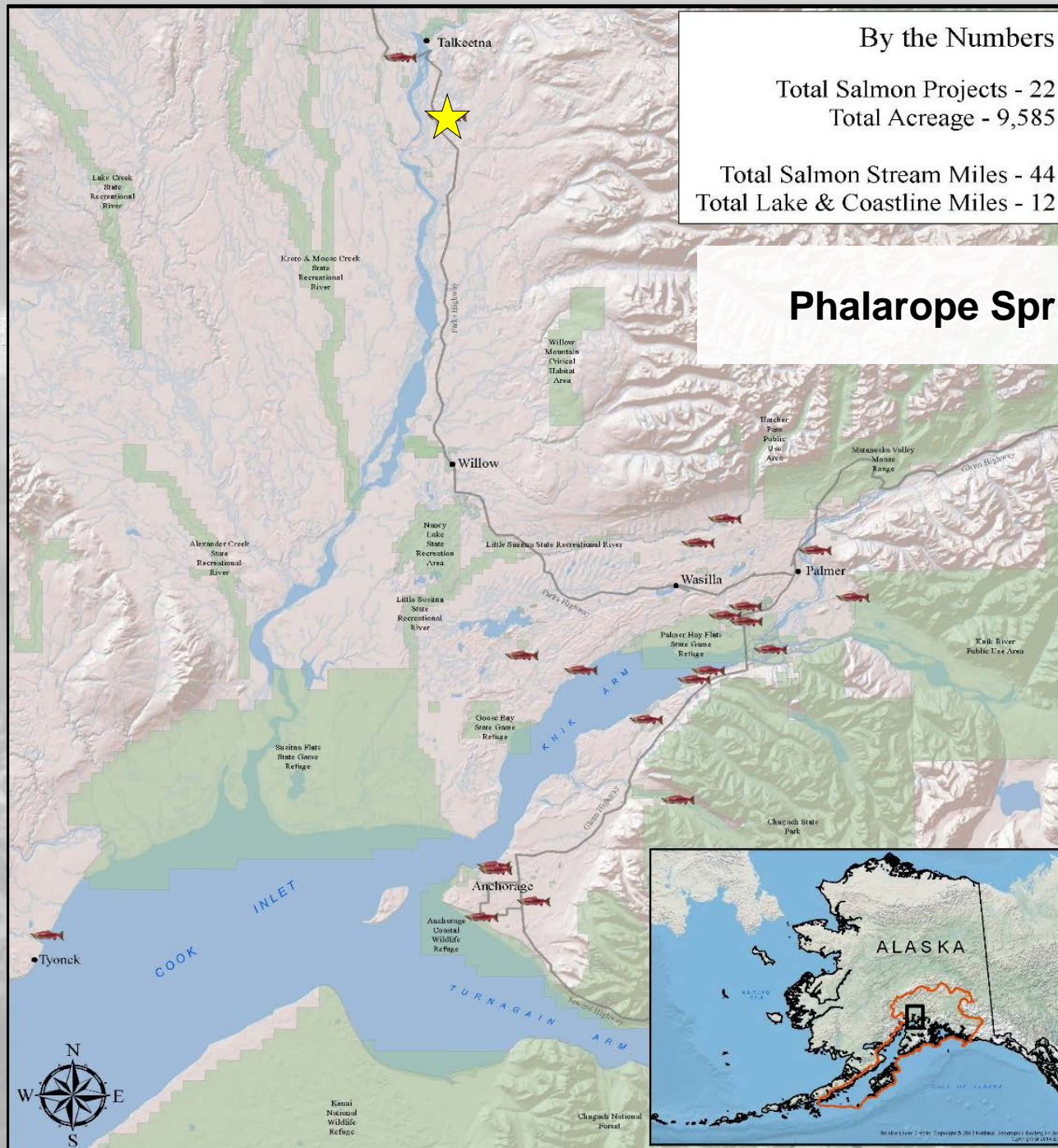
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Phalarope Springs

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Phalarope Springs

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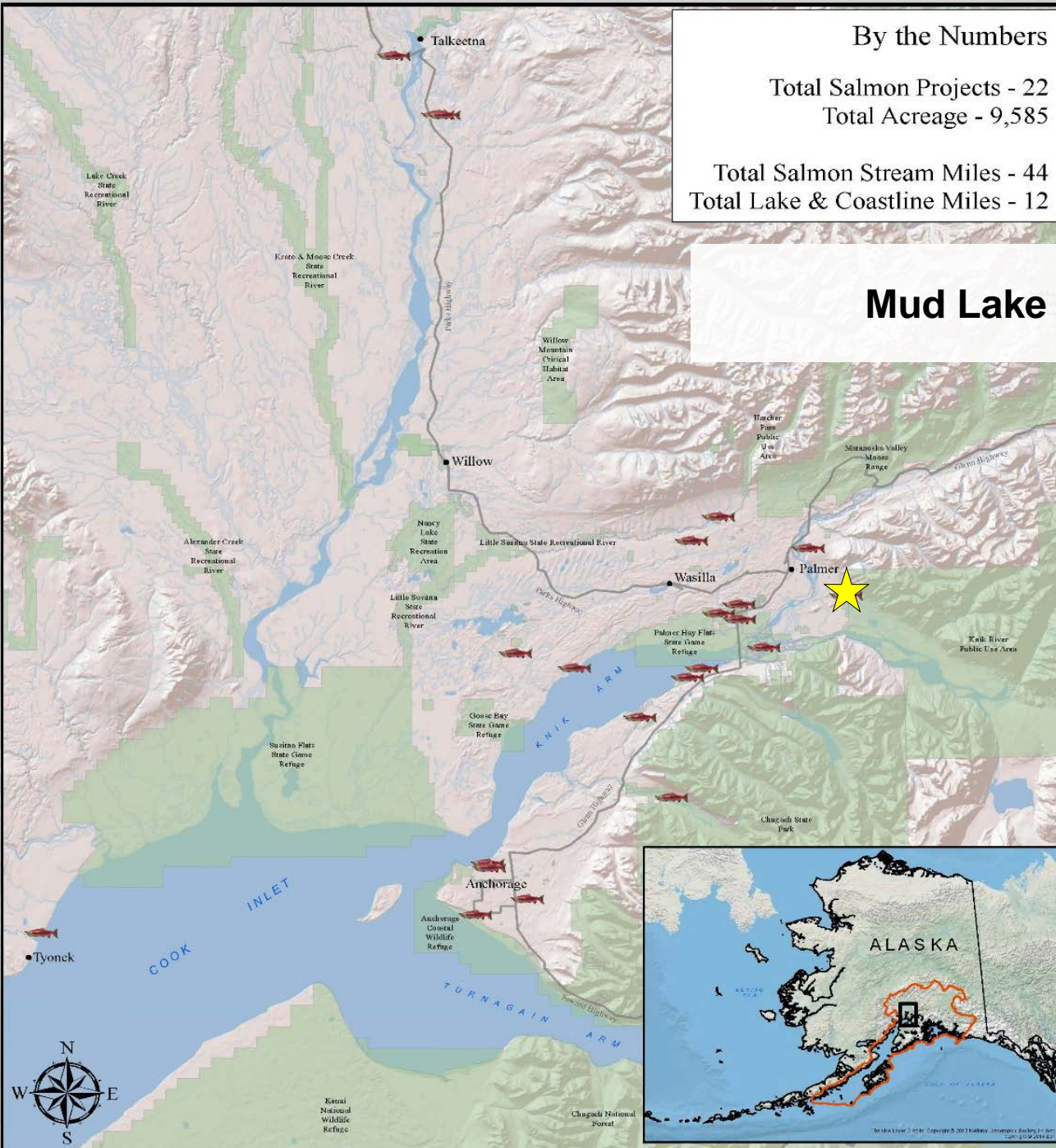
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Mud Lake



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Mud Lake



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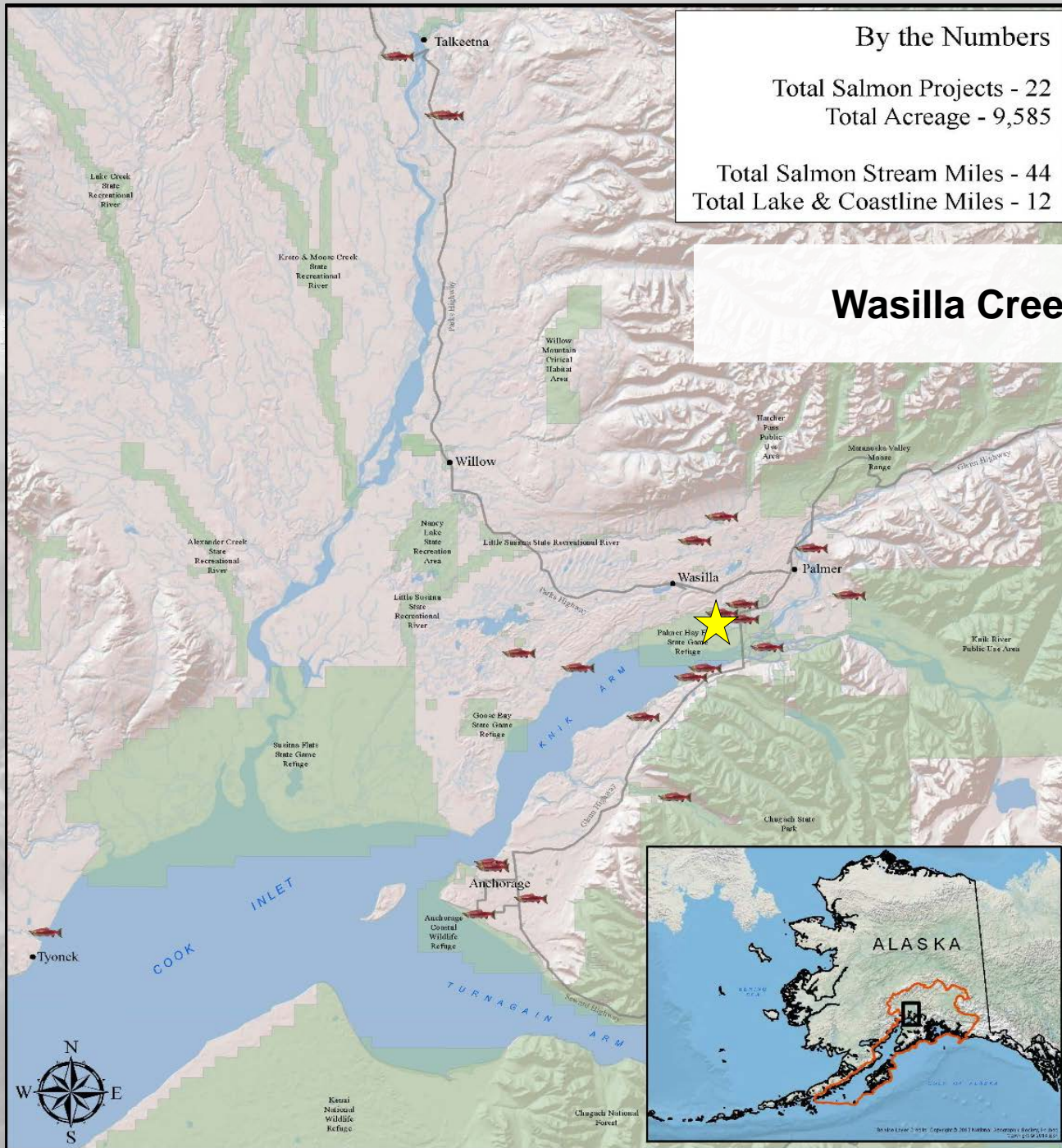
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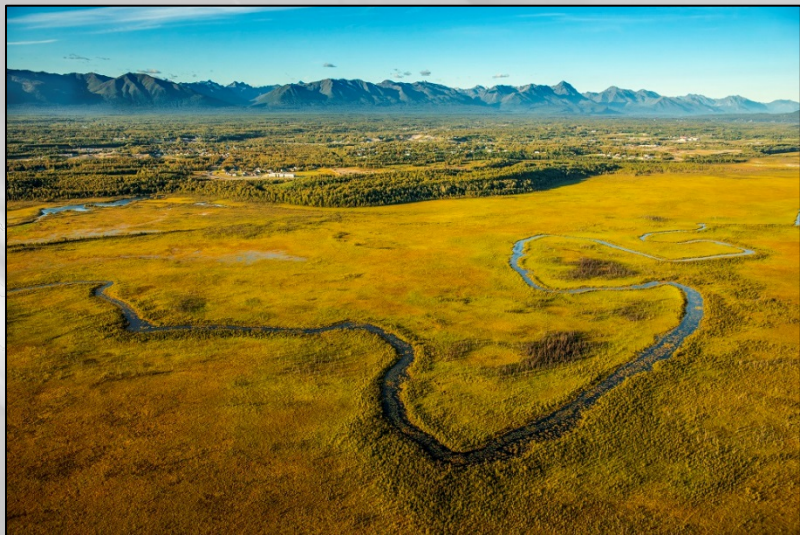
Wasilla Creek

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Wasilla Creek



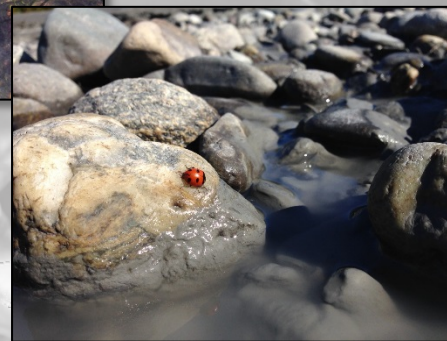
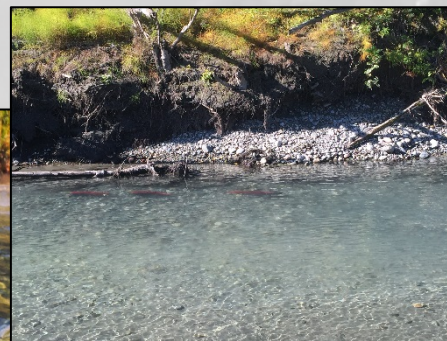
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Monitoring



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Thank You!

Questions?



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