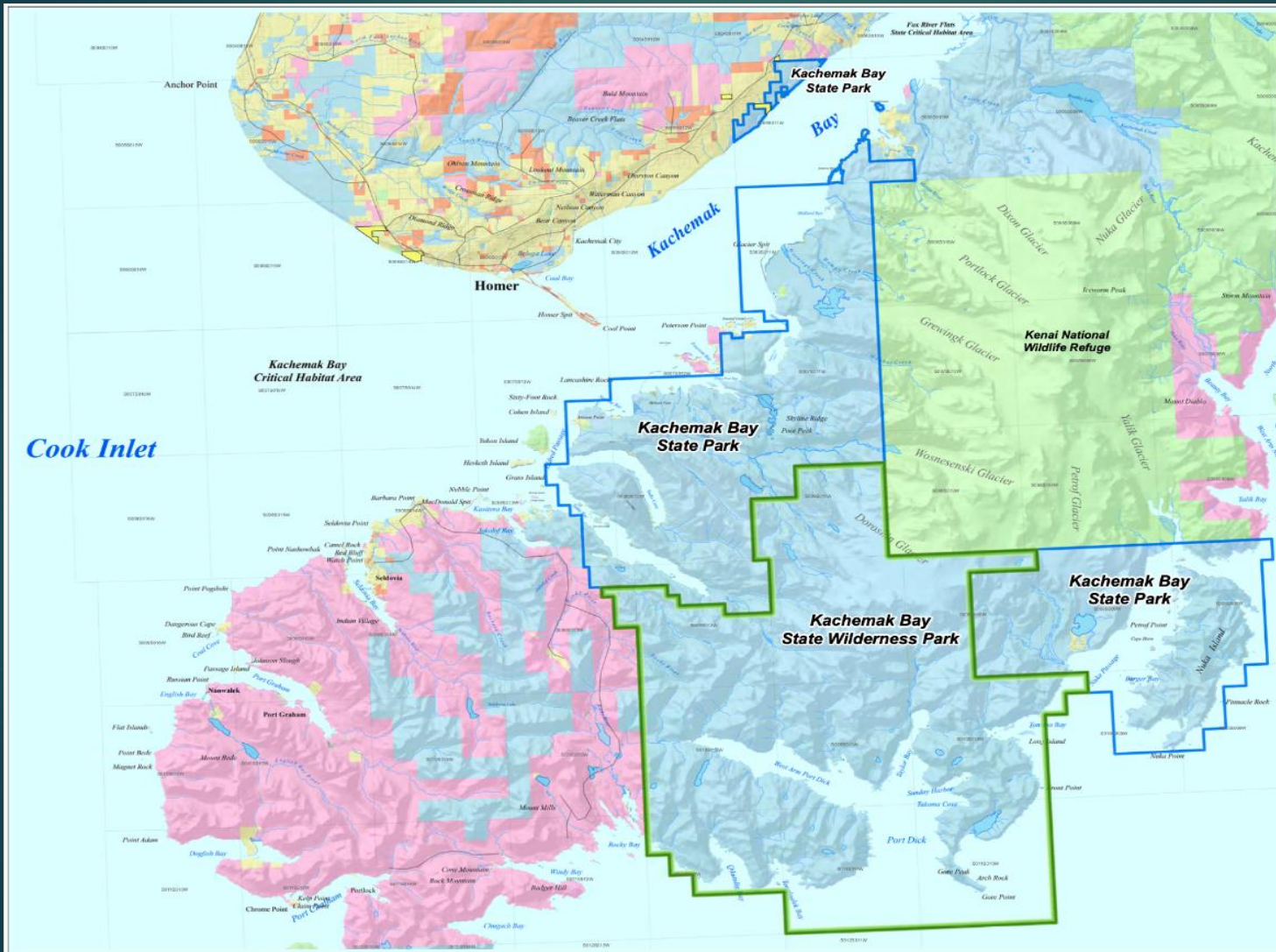


THE KACHEMAK BAY WATERSHED COLLABORATIVE

**A NEW VISION FOR A RESILIENT KACHEMAK BAY
KFHP SCIENCE SYMPOSIUM
APRIL 20-21, 2023**



The Kachemak Bay Watershed



Kachemak Bay State Park & State Wilderness Park

Map 2:
General Land Ownership

- State Park (AS 41.21.131)
- State Wilderness Park (AS 41.21.140)
- State Park Managed Areas
- State Land
- Federal Land
- Native Land
- Borough / Municipal Land
- Private Land
- Roads



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Created: September, 2018
 RLK, DNR, DMLW, RADS
 Projected Coordinate System: NAD 1983
 UTM Zone 6 North



0 1.25 2.5 5 7.5 10 Miles

Management Inclusiveness

A unified approach to planning and management of the Watershed

- Lack of tribal entities in planning and management efforts.
- The Collaborative includes Alaska Native tribes who have been sustainably managing Watershed resources in South Central Alaska for a millennia.



Stakeholder Engagement

Federally recognized Tribal entities including

Native villages of Nanwalek and Port Graham;

Communities of Homer, Kachemak;

National Oceanic and Atmospheric Administration;

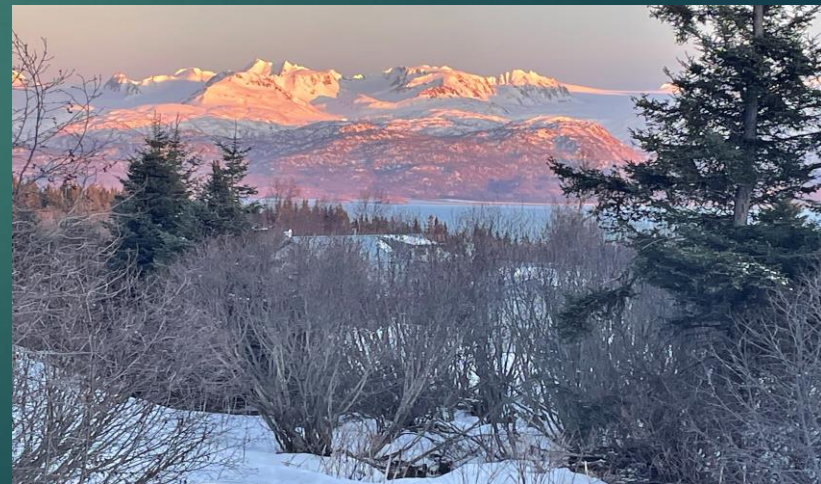
Kachemak Bay National Estuarine Research Reserve;

U.S. Fish and Wildlife Service;

Alaska Departments of Natural

Resources and Fish and Game;

Conservation Organizations.



Priority Projects Wetlands & Groundwater Recharge

- Beaver reintroduction/Analog beaver dams – based on results of peatlands & beaver studies.
- Guidance for development & regulations for material sites to maintain salmon stream connectivity to tributaries & wetlands;
- Identify habitat corridors before development.



Invasive Species

- ▶ European green crab monitoring & response;
- ▶ Treatment station to reduce commercial spread at the harbor;
- ▶ Marine biofouling inspection program;
- ▶ Advocate for statewide invasive species program and funding



Wild and hatchery fish

- Monitor migratory wild salmon through ear bone or genetic sampling to determine source of hatchery and migratory wild salmon;
- Forage fish community monitoring using salmon & halibut stomach content



Planning

- Create on-line accessible data base of all K-Bay/Climate related reports, plans & programs
- Interactive map/data for individual land/areas to help in decision-making;
- Revive Coastal Zone Management Act;
- Homer Harbor Expansion
- City Climate Adaption



Funding Mechanisms

- ▶ [Aquatic Ecosystem Restoration Program;](#)
- ▶ [The Alaska Sustainable Salmon Fund](#)
- ▶ [2023 Coastal Program;](#)
- ▶ [Guidance – Using Clean Water State Revolving Funds for Greening and Climate Resilience;](#)



Next Steps

- Next Meeting – September, 2023;
- Legislative subcommittee to craft approaches to solving problems at different levels of the government, and identifies people at the city, borough or state level who could carry this legislation forward;
- On line newsletter that includes dates of upcoming advisory committee meetings, symposiums, conferences, state Fish and Game board, and other events, issues and opportunities to comment, etc;



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