Legend

- AK Peninsula Refuge Boundary
- Region of Hydrologic Influence (RHI)

Climate Sites - MesoWest

- APRSWXNET/CWOP
- CRN
- HADS
- NOS-NWLON
- NWS/FAA
- RAWS
- SNOTEL

Water Monitoring - All

- ADFG, Water Quality
- NPS, Water Quality
- USFWS, Water Quality
- USGS, Water Quality
- UW, Water Quality
- USGS, Water Quality
- USFWS, Water Quality

Hydro Gages

- Hydro Gage, active
- Hydro Gage inactive

Active Threats

- Active, Dams (15)
- Active, Garbage/Solid Waste (21)
- Active, Industrial Effluent (108)
- Active, Mining (29)
- Active, Temp. Water Use Permit (28)
- Active, Oil and Gas Development (1)
- Active, Urban Sewage (31)
- Active, Invasive species (1,401)

Closed Threats

- Closed, Garbage/Solid Waste (36)
- Closed, Industrial Effluent (68)
- Closed, Oil and Gas Development (20)
- Closed, Urban Sewage (11)

Proposed / Unknown - Threats

- Proposed/Potential, Dams (75)
- Proposed/Potential, Industrial Effluent (19)
- Proposed/Potential, Mining (228)
- Proposed/Potential, Temp Wtr. Use (9)
- Proposed/Potential, Urban Sewage (5)

Threats - polygons

- Active, Mining Exploration (305)
- Active, Industrial Effluent (3)

Water Rights - Withdrawals

- Subsurface - Groundwater (97)
- Surface Water (40)

Instream Flow Reservation

- Certificate Issued (11)
- ADOT Roads

Lakes

- Class 1 (<10 sq kms)
- Class 2 (>10 sq kms)
- Southwest
- Western
- Streams
- Watersheds - HUC10

Invasive Species Density - #/25 sq. miles

- 1 - 15
- 16 - 42
- 43 - 108
- Region of Hydrologic Influence (RHI)
- National Park and Preserve
- State Legislatively Designated Areas
- Other Refuge Boundaries

Surface Owner - outline

- USFWS
- Native Allotment
- Village Native Corp.
- Regional Native Corp.
- State of Alaska
- Other Federal
- Other Private

Surface Owner

- USFWS
- Native Allotment
- Village Native Corp.
- Regional Native Corp.
- State of Alaska
- Other Federal
- Other Private

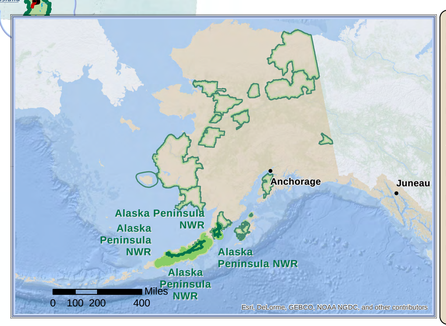
Subsurface Owner

- USFWS
- Regional Native Corp.
- Native Allotment
- State of Alaska
- Other Federal
- Other Private
- Village Native Corp.
- Glaciers
- Refuge Lands - green polygon
- National Park and Preserve

0 2 4 8 12 Miles

0 2.55 10 15 Kilometers

N



Project: US Fish and Wildlife Service WRIA - Water Resources Inventory and Assessment
Date: 1/7/2016
Map by: Alaska Natural Heritage Program, University of Alaska Anchorage, M.Geist
Scale: 1:542,259 , 1 inch equals 8.56 miles

Data Soruces: See WRIA report for detailed descriptions

MONITORING: US Fish and Wildlife Service (FWS) - water quality, fish studies, sampled lakes; National Oceanic Atmospheric Administration (NOAA) - hydroclimate; US Geological Survey (USGS) - stream gages

THREATS: AK Dept. of Environmental Conservation (ADEC) - contaminated sites, AK Dept. of Natural Resources (ADNR) - mining, AK Natural Heritage Program (AKNHP) - invasive plants

HYDROGRAPHY: USGS - streams, lakes, rivers, watersheds; AK Dept of Fish & Game (ADFG) - anadrmous waters, FWS - National Wetland Inventory (NWI) -wetlands

LAND MANAGEMENT: FWS - surface and subsurface ownership

PHYSICAL FEATURES: AK DNR - Div. of Geological & Geophysical Surveys - Volcanoes; National Geographic Society - basemaps

BACKGROUND DATA/IMAGE: Geographic Information Network of Alaska (GINA), University of Alaska Fairbanks.

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