

Togiak National Wildlife Refuge
Water Resources Inventory and Assessment

Legend

- Togiak Refuge Boundary** (Green outline)
- Other Refuge Boundaries** (Blue outline)
- Region of Hydrologic Influence (RHI)** (Yellow outline)
- State Legislatively Designated Areas** (Red outline)
- Climate Sites - MesoWest**
 - HADS (1)
 - NWS/FAA (8)
 - RAWS (1)
 - SNOTEL (1)
- Water Monitoring**
 - BLM, Water Quality (2)
 - UAA, Water Quality (3)
 - USFWS, Water Quality (21)
 - USGS, Water Quality (248)
 - UW, Water Quality (48)
 - Hydro Gage, active (2)
 - Hydro Gage, inactive (28)
- Active Threats**
 - Active, Garbage/Solid Waste (16)
 - Active, Industrial Effluent (31)
 - Active, Mining (22)
 - Active, Temp. Water Use Permit (26)
 - Active, Urban Sewage (37)
 - Active, Invasive species (45)
- Closed Threats**
 - Closed, Garbage/Solid Waste (18)
 - Closed, Industrial Effluent (37)
 - Closed, Urban Sewage (8)
- Proposed / Unknown - Threats**
 - Proposed/Potential, Dams (64)
 - Proposed/Potential, Industrial Effluent (12)
 - Proposed/Potential, Mining (73)
 - Proposed/Potential, Temp Wtr. Use (22)
 - Proposed/Potential, Urban Sewage (8)
- Threats - polygons**
 - Active, Mining Exploration (567)
- Water Rights - Withdrawals**
 - Subsurface - Groundwater (88)
 - Surface Water (10)
- Instream Flow Reservation**
 - Certificate Issued (37)
 - Application Received (73)
- Lakes**
 - Class 1 (<10 sq km)
 - Class 2 (10-100 sq km)
 - Class 3 (>100 sq km)
- Streams**
 - Anadromous Waters Catalog
 - Streams
 - Glaciers
 - Watersheds - HUC10
- Surface Owner - outline**
 - 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.
- Surface Owner**
 - USFWS
 - Native Allotment
 - Village Native Corp.
 - Regional Native Corp.
 - State of Alaska
 - Other Federal
 - Other Private

Scale: 0 2 4 8 12 Miles
0 2.5 5 10 15 Kilometers

Project: US Fish and Wildlife Service WRIA - Water Resources Inventory and Assessment
Date: 11/20/2015
Map by: Alaska Natural Heritage Program, University of Alaska Anchorage, M. Geist
Scale: 1:250,000, 1 inch equals 3.95 miles

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) - anadromous 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 - base maps

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

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