Overview of ADNR Elodea 2024

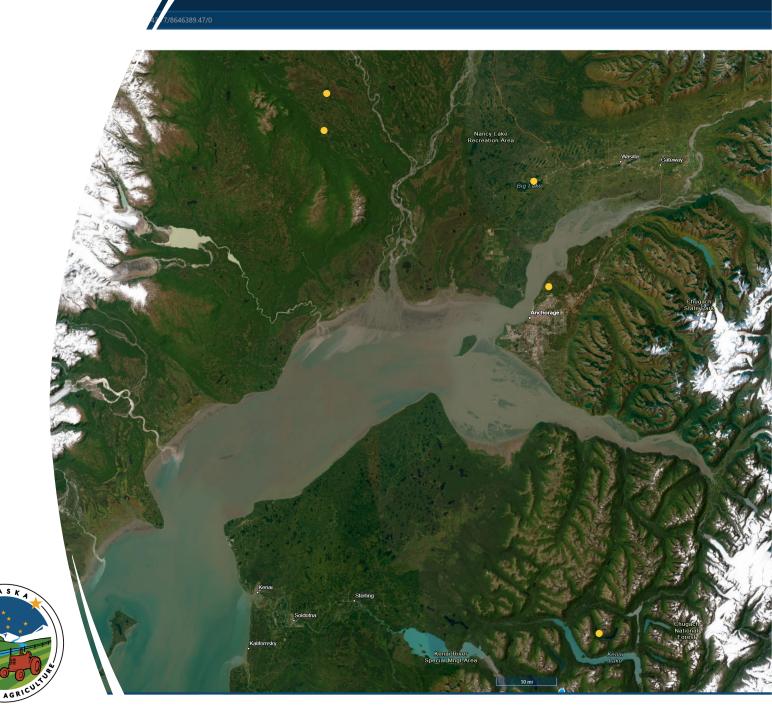
- Alexander Lake Mat-Su
- Sucker Lake(s) Mat-Su
- Big Lake (Flat & Mirror) Mat-Su
- Lower Sixmile Lake JBER Anc.
- Crescent Lake USFS Kenai



Cody Jacobson – DNR
Division of Agriculture

cody.jacobson@alaska.gov

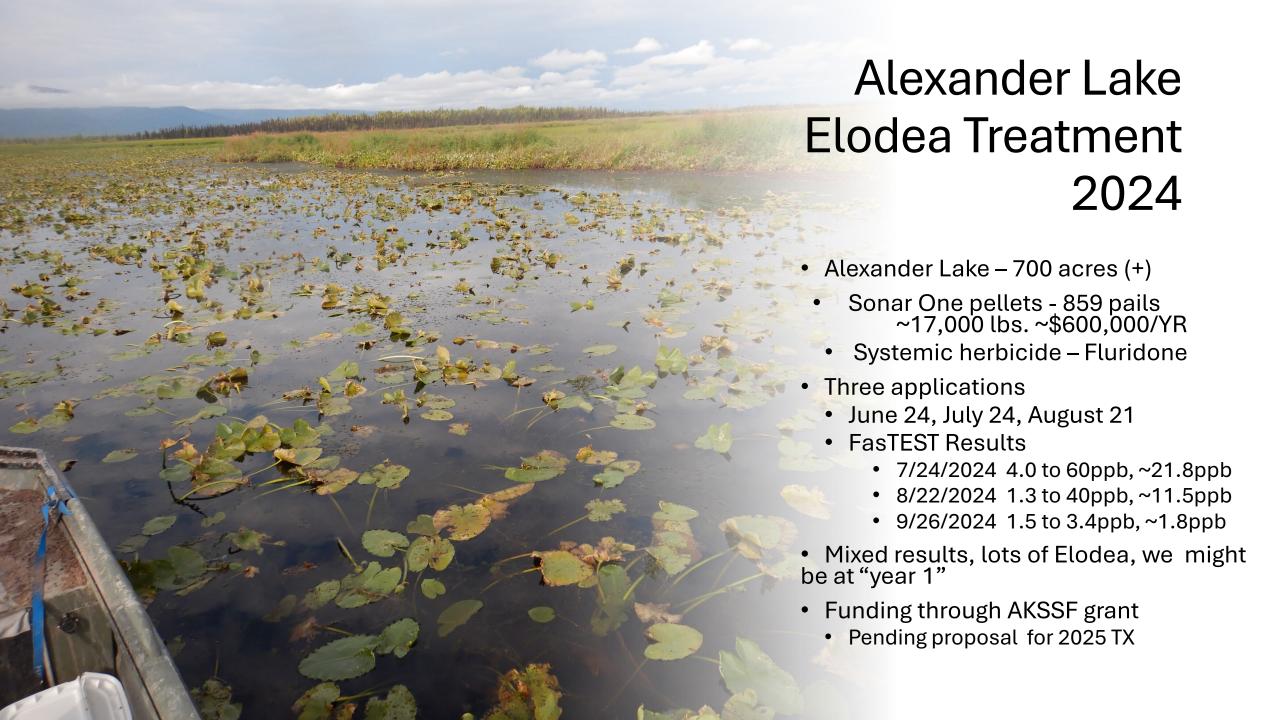
(907)-745-8127

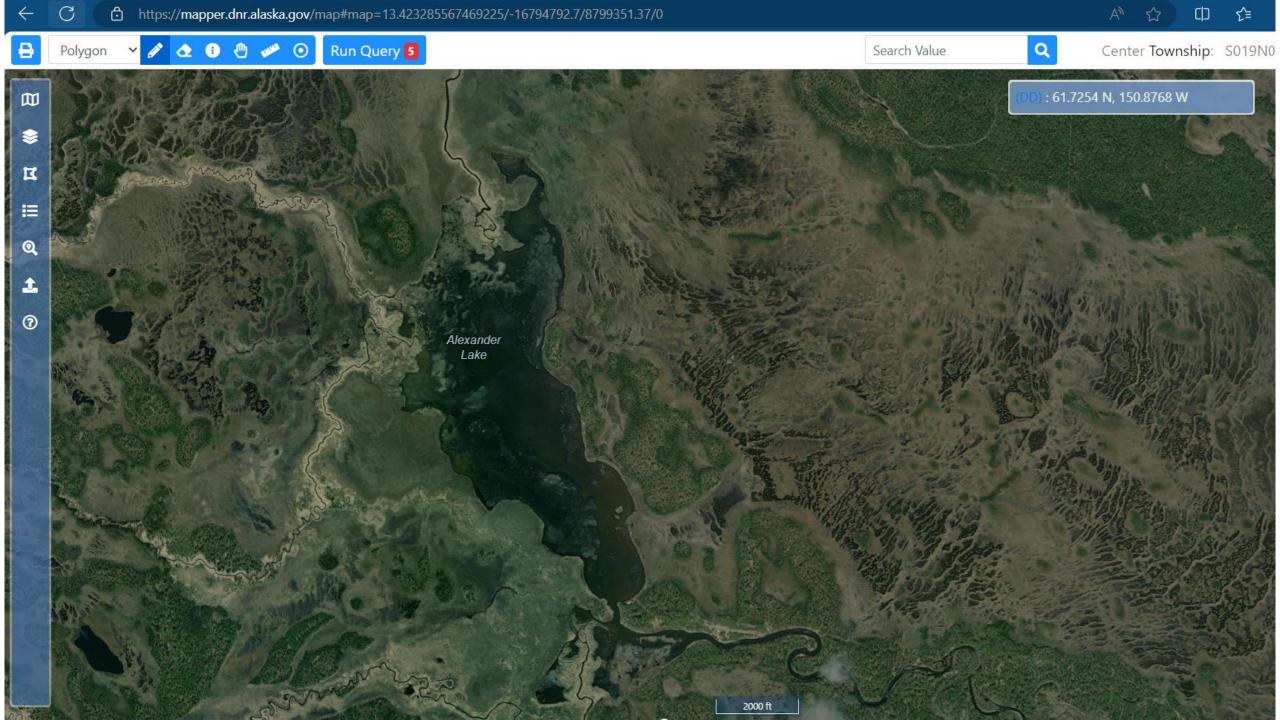


What is Elodea?

- Elodea is a non-native / invasive / quarantined plant – 1st known AIS plant in Alaska.
- Elodea is an underwater perennial plant that forms tangled masses in lakes, ponds, and slow-moving flowing water.
- Elodea primarily reproduces by stem fragmentation and spreading root systems.
- A single broken plant fragments can root to form new plants.
- Typically displays whirls of 3 leaf patterns.
- Elodea prefers cool, clear, still/slow waters with silty/ soft bottoms. But very adaptive.
- It is a hardy perennial that does not fully die back and can survive harsh winters under ice.





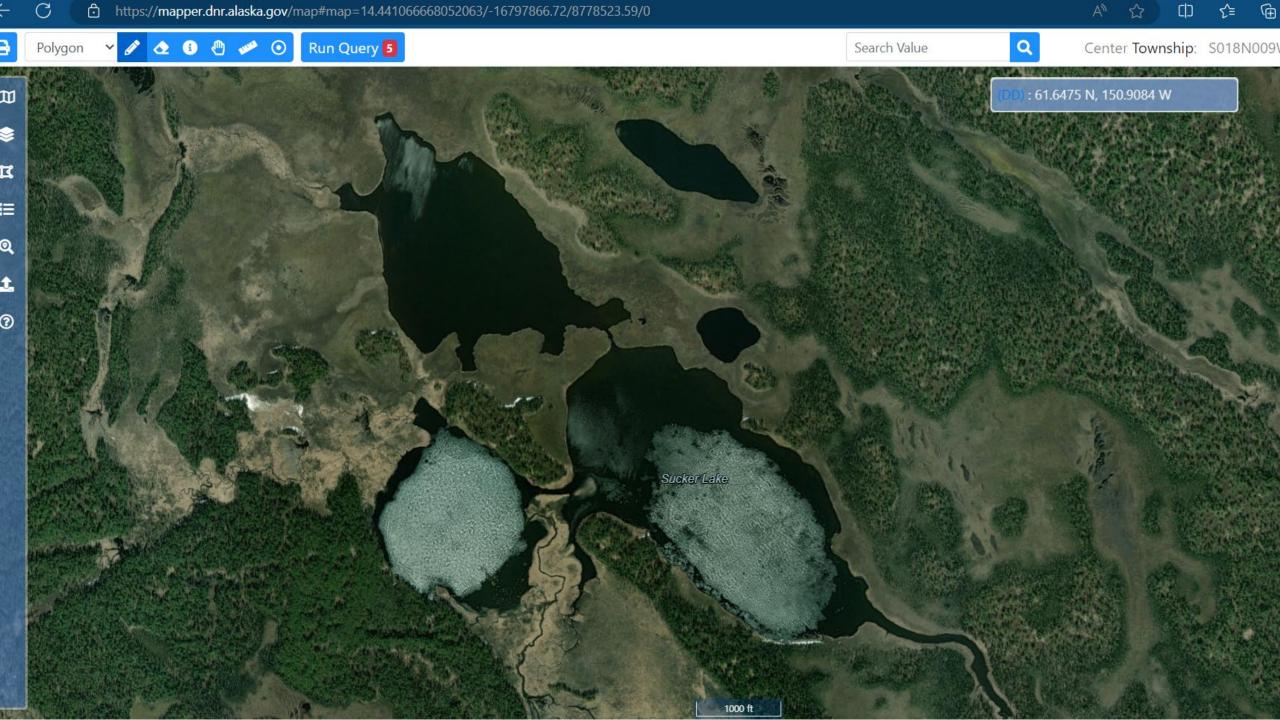






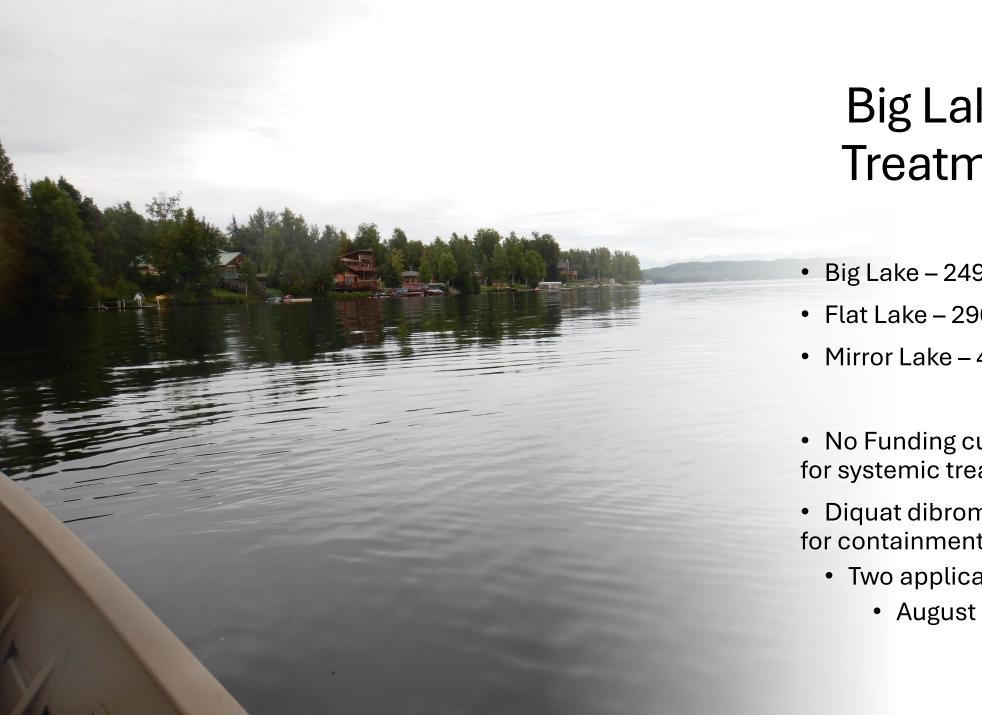












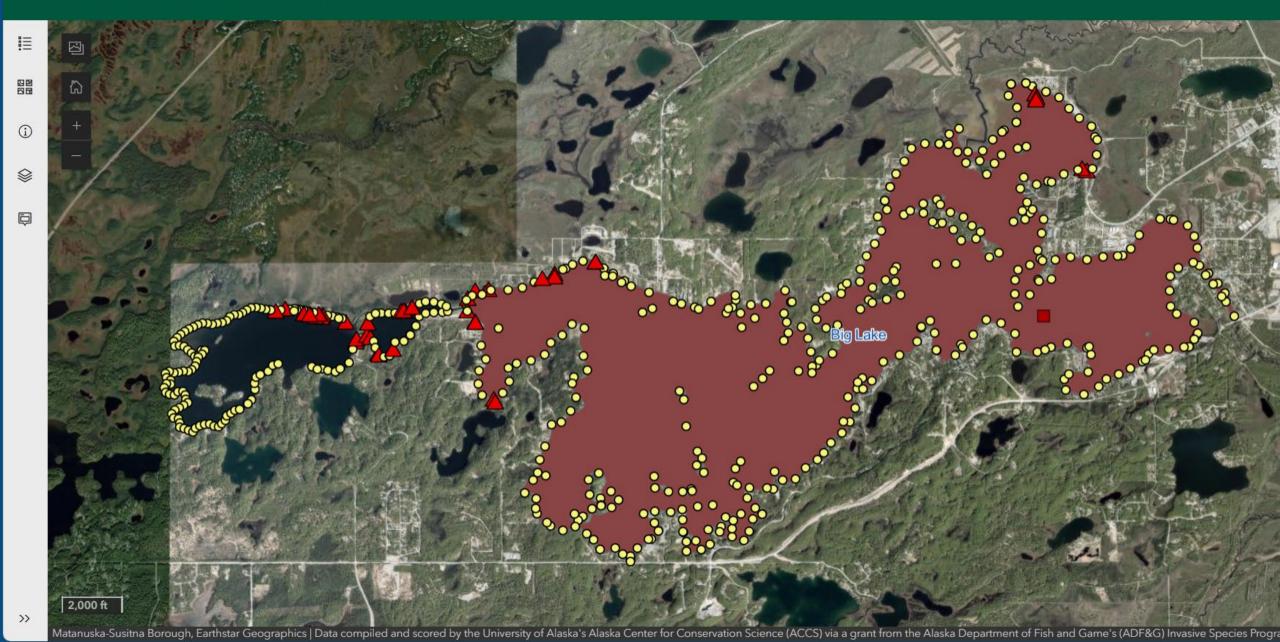
Big Lake Elodea Treatment 2024

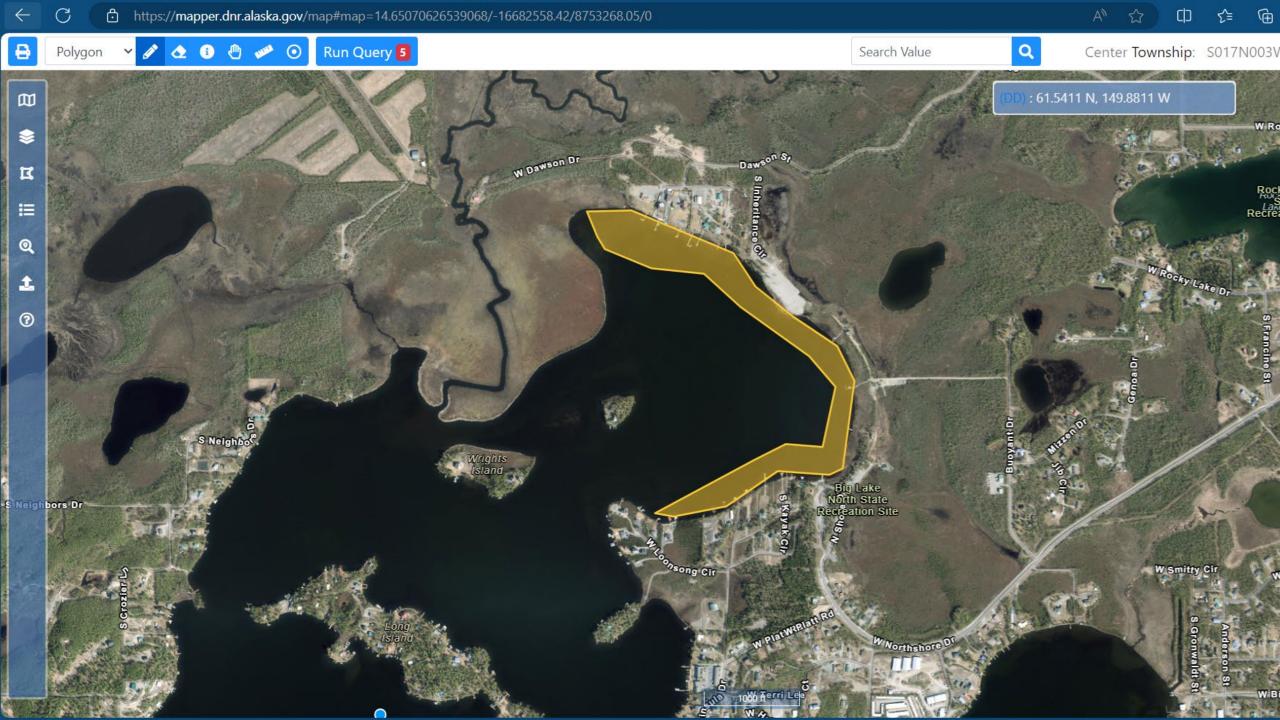
- Big Lake 2495 acres
- Flat Lake 296 acres
- Mirror Lake 44 acres
- No Funding currently available for systemic treatments
- Diquat dibromide treatments for containment - vector control
 - Two applications
 - August 15 and 29



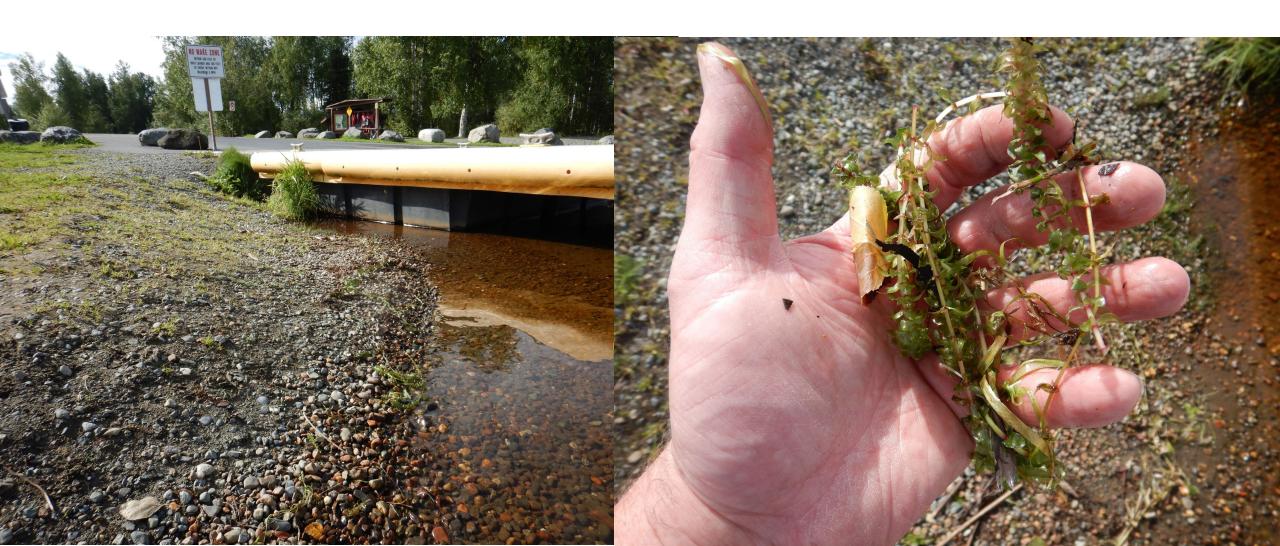


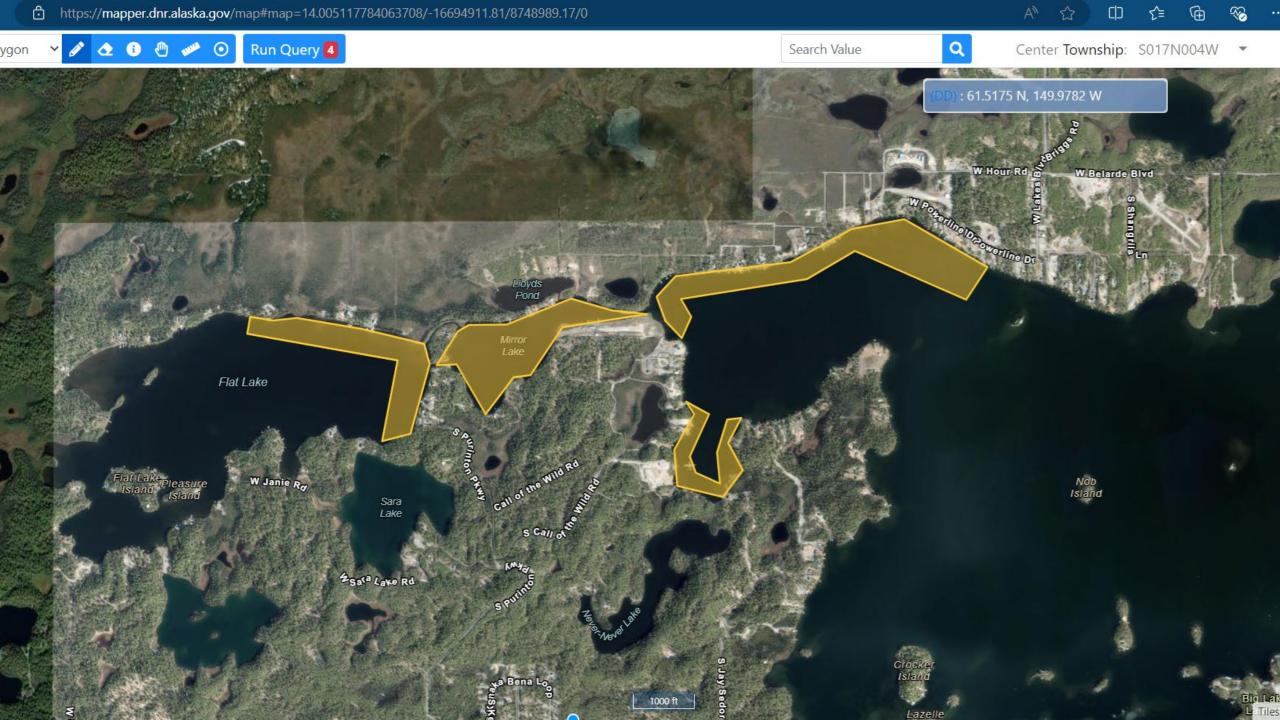
UAA Alaska Elodea Survey Map Viewer





CLEAN – DRAIN – DRY!!! REMOVE ALL PLANT MATERIALS















Maxar, Microsoft | Data compiled and scored by the University of Alaska's Alaska Center for Conservation Science (ACCS) via a grant from the Alaska Department of Fish and Game's (ADF&G) Invasive Species Program. Data sc













UAA Alaska Elodea Survey Map Viewer



Basemap Gallery

① Details

♦ Layers

📮 Info

