



# FAIRBANKS SOIL & WATER CONSERVATION DISTRICT

---

## *Fairbanks International Airport Floatpond Facility*

### *Early Detection Surveys for Elodea 2019-2020*

---

Fairbanks Soil and Water Conservation District (FSWCD) staff conducted early detection surveys for the invasive aquatic plant elodea in the Fairbanks International Airport (FAI) float pond facility on August 14<sup>th</sup>, 2019 and again on September 24<sup>th</sup>, 2020. Logistics for the surveys were facilitated by Matthew McClurg and others at Airport Operations.

In 2019 the survey was performed by FSWCD staff Colin McKenzie and Megan Mastri from the rescue boat which was driven by Airport Operations staff. In 2020 the survey was performed by FSWCD staff Colin McKenzie and Kyla Rohde on foot from the shoreline of the float pond. Vegetation samples were withdrawn from the pond using a sampling rake attached to a 30-ft length of rope in 56 locations in 2019, and 57 locations in 2020 (Fig.1). Vegetation on the throw rake was examined, and elodea presence or absence recorded. Several native species such as *Myriophyllum* spp., and *Potamogeton* spp. were found growing in the float pond. No elodea was detected in the float pond in 2019 or 2020 (Fig.2).

The funding for this elodea monitoring work was provided by the U.S. Fish and Wildlife Service. The survey data has been submitted for archival to the Alaska Exotic Plants Information Clearinghouse (AKEPIC) statewide database. The data can be viewed online on the AKEPIC data portal <https://aknhp.uaa.alaska.edu/apps/akepic/>.

For more information please contact Aditi Shenoy (FSWCD Invasive Species Specialist) by email [aditi.shenoy@gmail.com](mailto:aditi.shenoy@gmail.com) or phone (907)-479-1213 Ext.4.



**Fig.1** FSWCD invasive species technician Kyla Rohde does a rake throw to sample aquatic vegetation in the FAI float pond.



**Fig.2** Map showing locations of survey points around the FAI float pond that were sampled for elodea in 2019 and 2020.