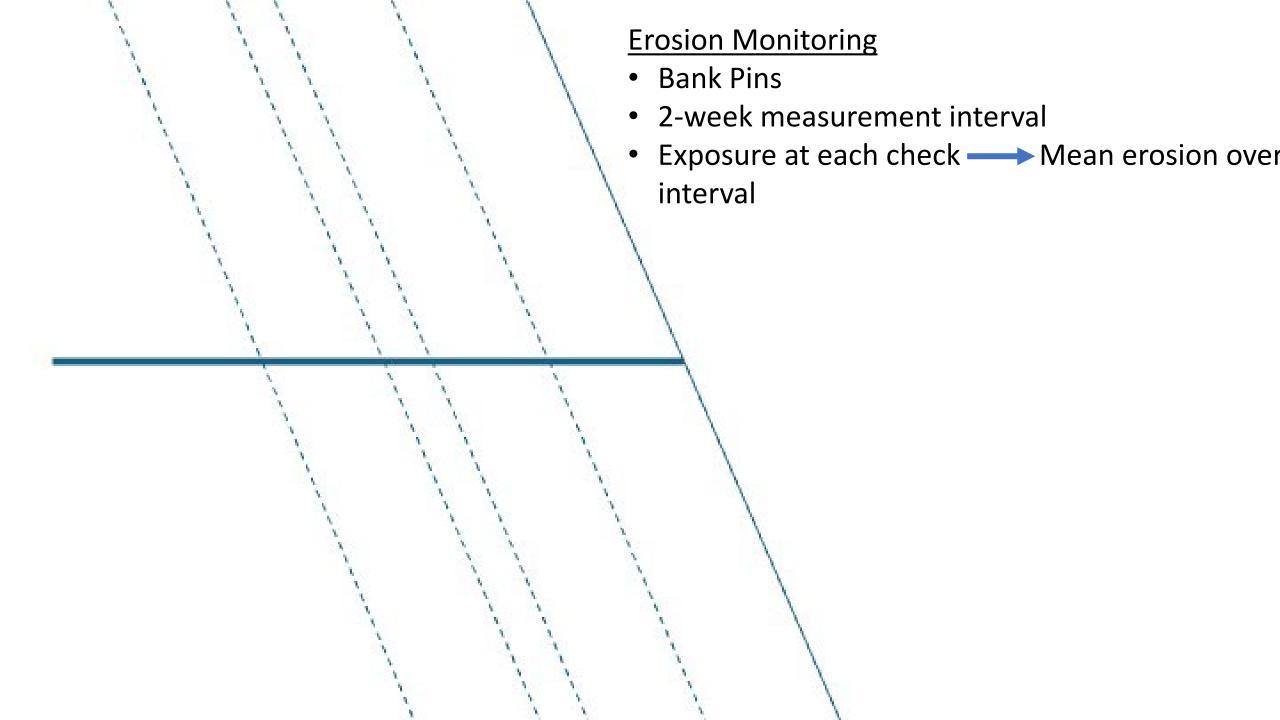


## Data Collection, June-October 2024

- Erosion Rates
- Wake and wave activity
- Turbidity and substrate composition
- Sockeye spawning surveys





## Wake and Wave Gauging

- Array of 5 (6) water presence sensors
- Detection event logged when wetted
- Bin/range approximation of magnitude value for each even based on vertical sensor placement.
- Adjustment for fluctuation in lake level

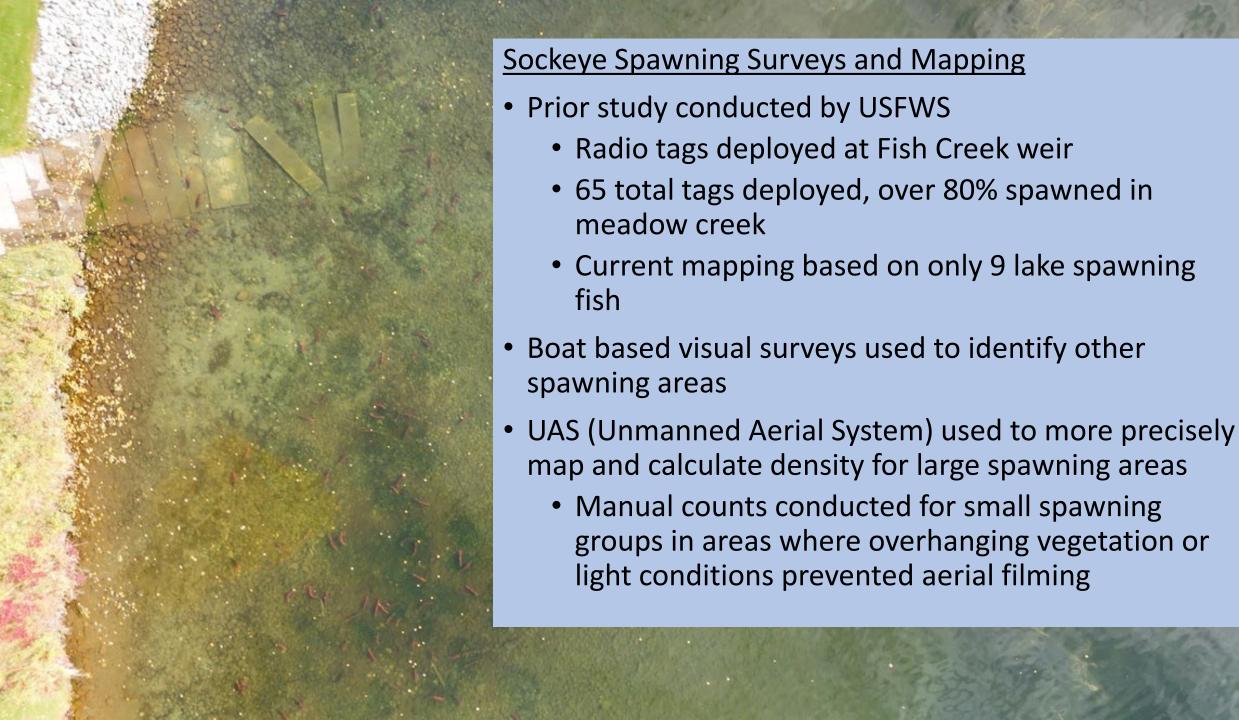


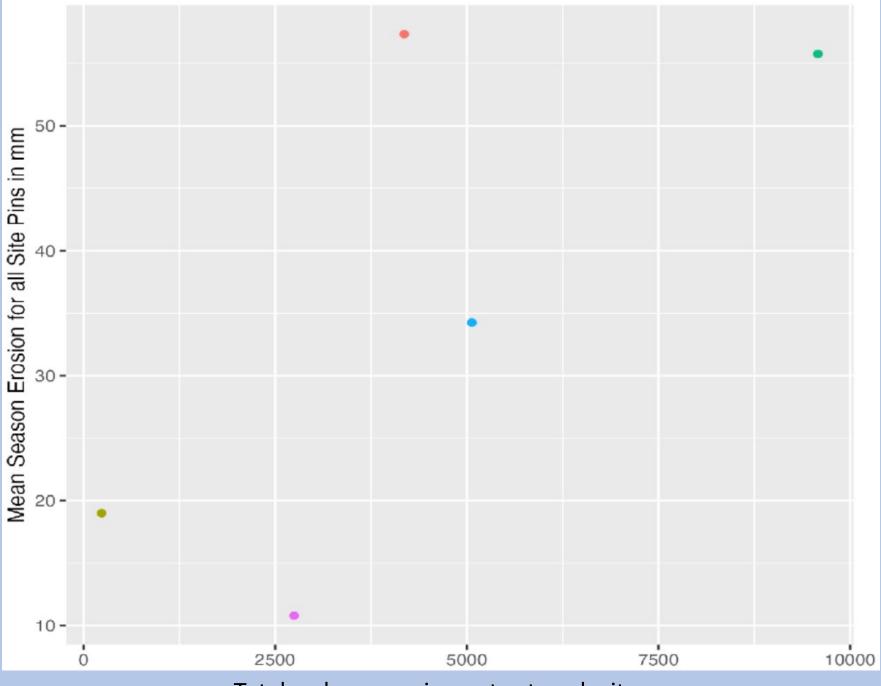
## **Substrate Composition and Turbidity**

- Substrate Sampling
  - Petit Ponar dredge
  - Sampled adjacent to erosion monitoring sites, previously documented Sockeye spawning areas
  - Photographic collection of data using PVC+string grid
- Turbidity measured by multiparameter sonde

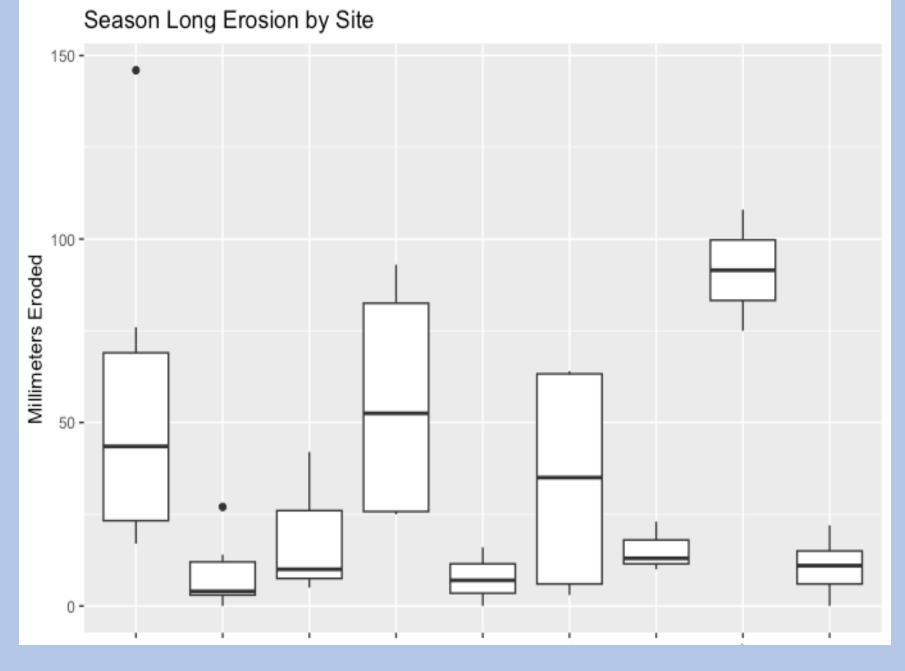




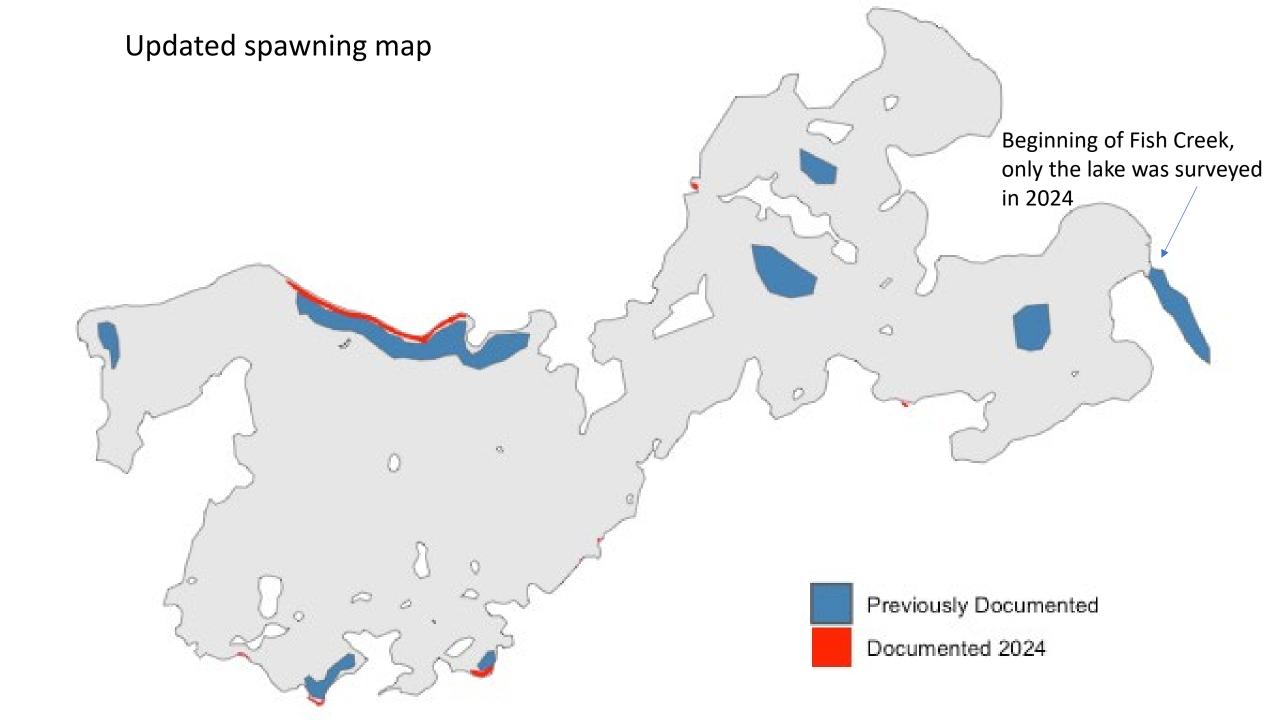




Total wake+wave impacts at each site



Sites (names removed for landowner anonymity)





## Thank you to everyone who has helped with fieldwork, field equipment, planning, and study design!

