

2024 Analysis of Bed Sediments of Bellingham Bay in Puget Sound, WA

During the summer of 2024, students from the University of Washington Tacoma analyzed sediments provided by research partners from the Department of Ecology's Marine Sediment Monitoring Team. Sediments from the Puget Sound are used to represent changes in environmental, biological, and chemical properties within the bays of this region. Analysis teams were created to measure total organic content, particle-size, chlorophyll concentrations, microplastics presence, and harmful algae abundance. Posters from this course will include the results of these studies from fourteen station locations in Bellingham Bay, Puget Sound, WA. The outcomes will be used to compare with previous work on sediments from 2017 and shared with regional stakeholders. An additional study included a literature review for methodologies to identify tire wear particles in sediment to support an upcoming project at the University of Washington Tacoma's Center for Urban Waters.