



2018 Highlights

Water Quality and Flow Monitoring Program

- *State of the Island's Waters Report*
 - Worked with Tableau software to produce charts and graphs for 2nd edition of the report
 - Refined assessment templates for physiochemistry, bacteria, nutrients, and macroinvertebrates with the help of our consultants
- [Springbrook Creek Evaluation and Feasibility Study](#)
 - Helped Bainbridge Island Land Trust finalize conceptual designs for 5 projects and complete the final report
 - Publicized and helped coordinated public outreach and promotion of final report
- [Island Center Sub Area Planning](#)
 - Contributed data, figures and findings to the existing conditions summary report
 - Presented surface water monitoring data to the committee
- *King County's Protection and Restoration of Select B-IBI Basins Project-Phase II*
 - Partnered with King County to transfer flow gauge in Manzanita creek to KPUD for ongoing data collection, storage and reporting
- *Monitoring*
 - Continued monthly long-term water quality status and trends monitoring in 15 streams and 1 stormwater discharge
 - Sustained continuous flow and rainfall gaging on 3 streams and 1 stormwater discharge; sustained weather monitoring at 2 locations
 - Collected freshwater macroinvertebrates from 7 local streams to assess biological diversity and watershed health
 - Conducted assessment of automated stations for continued improvements
- *Public Participation*
 - Recruited and trained new volunteers and interns and engaged the public through 98.5 volunteer hours. Volunteers assisted in water quality and freshwater macroinvertebrate sampling; collection of stream flow measurements; measurement of in-situ stream physiochemistry; and continuous datalogger downloads
- *Education and Outreach*
 - Conducted educational presentations at Kitsap Water Festival 2018, Friends of the Farms Harvest Fair 2018, Sound to Olympics grand opening and Boaters Fair in Waterfront park
 - Installed Murden Cove Watershed interactive display at The Grand Forest East