

Respiration measurements in the Salish Sea

Regional Priority Approach	CHIN2.5: Address and manage water quality parameters, including excess nutrient loading		
Owner Organization	Washington State Department of Ecology		
Funders	Washington State Department of Ecology		
Primary Contact	Cristiana Figueroa-Kaminsky (cfig461@ecy.wa.gov)		
Stage	Planning/Design	Duration	2020 - 2023
Estimated Total Cost	\$88,300.00	Secured Funding	\$63,604.00
No Funding Identified	\$24,696.00	Targeted Funding	\$0.00
Activity Progress	Off-Track		
Activity Progress Barrier	Re-scoping required: Reconsidering approach		
2018 NTA ID	2018-0448		
Total Proposed NTA Cost	\$88,300.00		

Establish and enforce water quantity and quality standards that conserve water resources for salmon > Address and manage water quality parameters, including excess nutrient loading

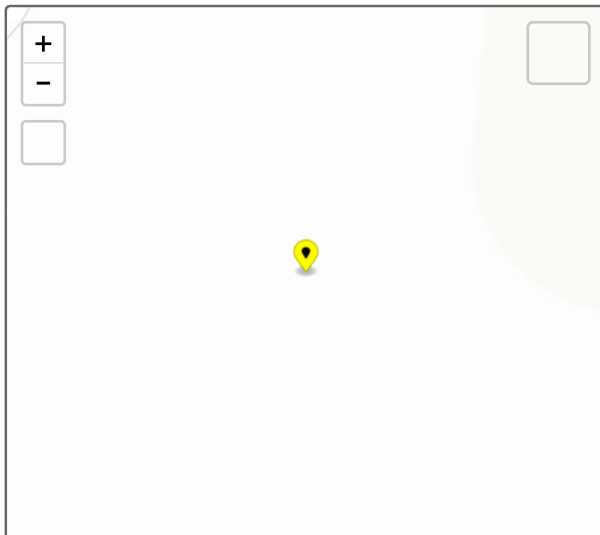
The Salish Sea Model will be employed to assist with the development of nutrient management and water quality strategies for the Puget Sound. This project may optimize model performance, and in doing so minimize uncertainty in predicted dissolved oxygen levels. Model uncertainty depends on the availability of relevant observations and the proposed expenses will allow us to leverage an existing study for sampling. This project proposes to measure a key parameter--the rate of oxidation organic carbon (respiration), which is an integral calibration parameter in the Salish Sea Model. It is well recognized that organic carbon loadings i...

No Key Photo provided

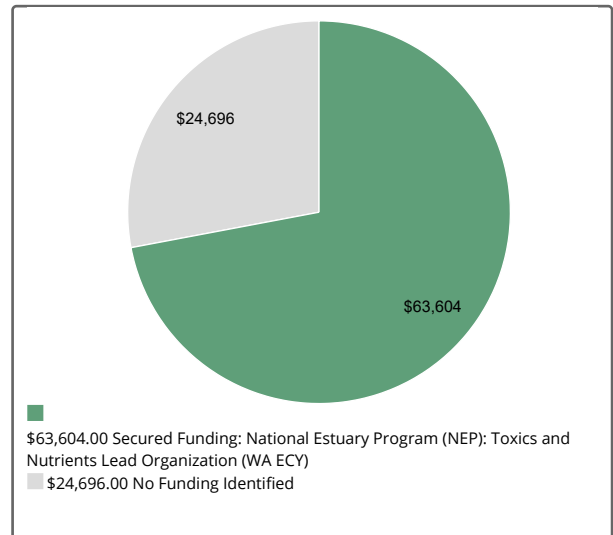
Activity Types

- Enabling Conditions - Research

Location



Budget



Photos

No additional photos provided

Near Term Action last updated 9/2/2021