



Implement salmon habitat recovery in Quartermaster Harbor

Regional Priority Approach	CHIN4.8: Evaluate potential threats from wastewater and stormwater contaminants on salmon		
Owner Organization	Washington State Department of Natural Resources		
Other Organizations	King County, Pacific Northwest National Laboratory, Puyallup Tribe of Indians, Vashon Beach Naturalist, Vashon Maury Island Land Trust, Vashon Nature Center, Washington State Department of Ecology		
Primary Contact	Jeff Gaeckle (jeffrey.gaeckle@dnr.wa.gov)		
Stage	Planning/Design	Duration	2020 - 2022
Estimated Total Cost	\$450,000.00	Secured Funding	\$0.00
No Funding Identified	\$450,000.00	Targeted Funding	\$0.00
Activity Progress	Off-Track		
Activity Progress Barrier	Inadequate resources: Funding not fully secured		
2018 NTA ID	2018-0449		
Total Proposed NTA Cost	\$450,000.00		

Emphasize funding and implementation of science and monitoring actions to support salmon recovery ➤ Evaluate potential threats from wastewater and stormwater contaminants on salmon

Quartermaster Harbor (QMH) is a shallow, semi-enclosed system that supported extensive herring spawning and provided habitat for Chinook; both populations in decline. The head of QMH has a history of water quality degradation, which coincides with documented declines in eelgrass beds, a critical habitat for both salmon and herring.

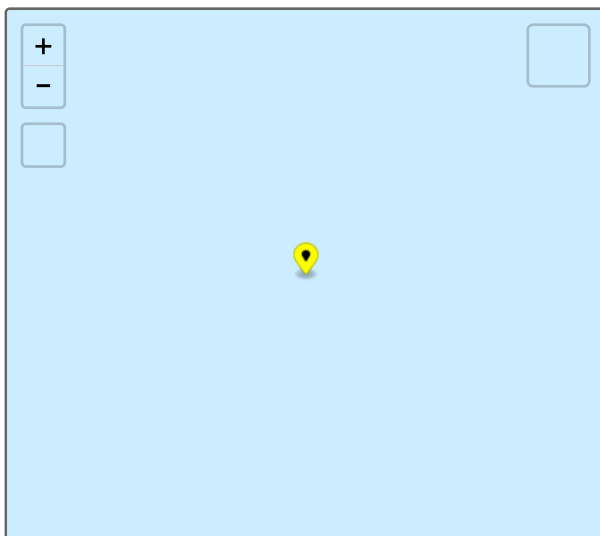
No Key Photo provided

We will conduct test transplants over a spatial gradient through QMH to identify optimal conditions for eelgrass performance and both salmon and herring habitat recovery. We will measure water quality parameters along with nutrient levels and plant performance, to identify factors that inhibit eelgras...

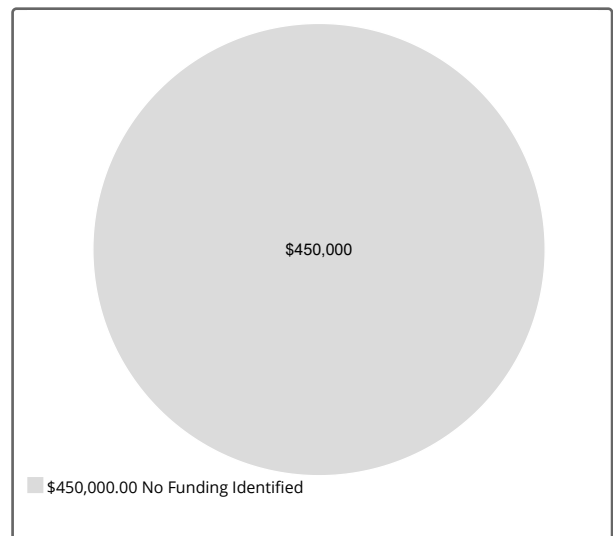
Activity Types

- Ecological Restoration - Ecosystem
- Enabling Conditions - Monitoring

Location



Budget



Photos

No additional photos provided

Near Term Action last updated 9/14/2021