



April 30, 2024

BY EMAIL

Re: Ebb Carbon Project Letter of Support

Todd Pelman, Ebb Carbon Co-Founder and Chief Engineer
Kyla Westphall, Ebb Carbon Vice President for External Affairs

Dear Kyla and Todd, and the Various Federal, State, County, and City Permitting Jurisdictions:

The Port Angeles Business Association strongly supports your company's marine carbon removal project, known as Project Macoma, whose planned location is at the Port of Port Angeles, and perhaps other locations on the North Olympic Peninsula. Please use this letter as an indication of our confidence that this project holds great promise in reducing marine carbon.

As you may know, the world's oceans and littoral areas are one of the great carbon sinks. *Project Macoma* is designed to remove atmospheric CO₂ which dissolves in seawater while keeping critical ocean ecosystems healthy. The project would begin this summer and last for up to two years, representing an innovative approach to carbon removal. Their marine carbon dioxide removal (mCDR) technology uses an electrochemical process to filter ocean water — deacidifying seawater and removing atmospheric CO₂. Their mCDR system is currently being demonstrated at Sequim's Pacific Northwest National Laboratory (PNNL) in partnership with PNNL, the Department of Energy, the National Oceanic and Atmospheric Administration (NOAA), and the University of Washington.

The Salish Sea and Port Angeles Harbor are vulnerable to ocean acidification that threatens marine wildlife and the local economy. Plus, an abundant supply of clean power at the Port gives Project Macoma a head start on more quickly protecting our local marine life. This is an important and innovative approach in many respects, and represents the potential for creating an important and new economic sector in our County. At scale, this idea can have global impact. Locally, the project will deacidify up to 70 million gallons of seawater to support shellfish and salmon.

Project Macoma also enables the ocean to draw down additional CO₂. Over the two year pilot, the project is expected to remove up to 1,000 tons of CO₂ from the atmosphere — that's the equivalent of taking about 230 gas powered passenger cars off the road for a year.

The project prioritizes safe and environmentally sound operations. Environmental specialists, with input from independent agencies and scientists, are collaborating to ensure Project Macoma's operations stay within permit requirements and are responsive to environmental conditions.



The Port Angeles Business Association strongly champions Project Macoma, and we look forward to this development taking shape. This project deserves support from all levels of government. We are very happy to stand with you in support of this project.

Very best regards,

Kelly Johnson, VP for PABA

Anthony Sanders
President