



August 16, 2024

Gayle Garbush
Southwest Region Office
PO Box 47775
Olympia, WA 98504-7775

**SUPPORT: Project Macoma's National Pollutant Discharge Elimination System (NPDES)
Wastewater Discharge Permit**

Dear Ms. Garbush:

Thank you for the Department of Ecology's continued attention to the health of our natural environment and to the department's forthcoming determination regarding Ebb Carbon's Project Macoma. Project Macoma is the proposed 2-year pilot project seeking to remove legacy carbon pollution from the atmosphere and address coastal acidification in Port Angeles.

On behalf of Elemental Excelerator, I strongly urge the Department of Ecology to issue Project Macoma a final NPDES Wastewater Discharge Permit under Chapter 90.48 Revised Code of Washington (RCW) and Chapter 173-216 of the Washington Administrative Code (WAC).

Elemental Excelerator is a nonprofit investor in climate technologies with deep community impact. We bring more than a decade of experience across the climate sector, with an active and maturing portfolio of 160+ companies. Elemental fills two gaps fundamental to addressing climate change: funding projects for climate technologies in communities, and embedding equity and access into climate solutions. We are committed to advancing emerging technologies in decarbonization that leverage natural resources to achieve necessary carbon removal levels while fostering resilience and sustainability for communities on the frontlines. Ebb Carbon joined Elemental's portfolio in 2023 and has worked closely with the Elemental team to scale this vision of climate and community impact through implementation of Project Macoma in Washington state.

For over two years, Ebb Carbon has engaged independent experts, scientists, NGOs, local stakeholders and Tribes throughout the state of Washington to ensure Project Macoma can operate safely and responsibly while delivering benefits to the community. With Elemental's support and partnership, Ebb has been working closely with local tribal nations and other community partners to design governance and decision making around the project, share research, and evaluate its impacts. The pilot project aims to diversify the regional economy by creating jobs and provide the community the chance to engage with and help shape this promising technology at the ground floor.

We agree with the Tier II analysis that finds that the drawdown of atmospheric CO₂ affected by Ebb Carbon's technology is necessary and in the public interest. Permanently removing CO₂ from the atmosphere is necessary to keep global warming below 1.5°C or 2.0°C above pre industrial levels to avert the worst consequences of climate change. Washington State, its communities, and economy are particularly vulnerable to the effects of both climate change and coastal acidification. Innovative, science-based pilot projects like Project Macoma are sorely needed to advance rigorous research and development solving for these existential threats.



Thank you for the opportunity to provide feedback on this important matter and for Ecology's continued dedication to protecting communities and ecosystems from the worst impacts of climate change.

Sincerely,

A handwritten signature in black ink, appearing to read "Christina Angelides", with a long horizontal flourish extending to the right.

Christina Angelides
Managing Director, Policy
Authorized Signatory
Elemental Excelsior