



August 18, 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 Project Macoma.

On behalf of XPRIZE, I strongly urge 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).

XPRIZE is a global leader in technology and innovation related to carbon dioxide utilization and removal. This experience stems from having administered the \$20 million NRG COSIA Carbon XPRIZE competition, and currently operating the \$100 million Carbon Removal XPRIZE competition. We recently selected Ebb Carbon as one of the 20 finalist teams selected to compete in the last stage of XPRIZE Carbon Removal because we believe that Ebb Carbon's technology has the potential to play a critical role in meeting the world's climate targets. We are pleased to support projects such as this one to help accelerate our collective path to net zero.

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. The National Academies of Science, Engineering and Medicine have emphasized that pilot projects like Project Macoma are critical for advancing the field of marine carbon dioxide removal. This 2-year pilot project offers an opportunity to rigorously test and validate a promising approach to carbon dioxide removal that is permanent, net-negative, additional, and verifiable.

Furthermore, developing this technology in Washington State will help the state meet its greenhouse gas reduction goals, combat the impacts of ocean acidification, and continue leading in the development and deployment of innovative negative emissions technologies.



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,

Roopa Dandamudi

Roopa Dandamudi
Team Relations Manager
XPRIZE Carbon Removal