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STATE ENVIRONMENTAL POLICY ACT

Determination of NonSignificance

March 1, 2024

Lead Agency: Port of Port Angeles

Agency Contact: Jesse Waknitz, Environmental Manager, 360.460.1364, jessew@portofpa.com

Agency File #: 2024-1-SEPA-DNS

Description of proposal: Marine Carbon Dioxide Removal Pilot Project (Project Macoma). Project Macoma, LLC, is proposing a temporary pilot-scale marine carbon dioxide removal (mCDR) project sited within potential lease area at Terminal 7 with the Port of Port Angeles. Ebb Carbon has developed an mCDR technology to remove CO₂ safely and permanently from the atmosphere while reducing seawater acidity locally. Ebb Carbon's technology removes acid from seawater, generating alkaline-enhanced seawater. The alkaline-enhanced seawater is returned to the ocean, which enables the ocean to draw down and store additional CO₂ from the atmosphere. The proposed pilot project, owned and operated by Project Macoma, LLC, would intake seawater via a barge moored at the Terminal 7 dock and pipe the seawater over the existing Terminal 7 pier structures to a modular treatment facility that would process and deacidify the seawater before returning it to Port Angeles Harbor via the barge-based outfall system. The purposes of the proposed pilot project are to operate Ebb Carbon's mCDR technology under real-world conditions, support scientific research through scientific and academic collaborations, and gather additional data to inform future deployments.

Location of Proposal: Port Angeles Harbor at Terminal 7 and uplands adjacent to 1301 Marine Drive, Port Angeles, WA 98363, Lat 48.128539, Lon -123.458094

Proponent: Ebb Carbon, Kyla Westphal, kyla@ebbcarbon.com

Determination: Port of Port Angeles has determined that this proposal will not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030. We have reviewed the attached Environmental Checklist and other information on file with the lead agency. This information is available at: <https://portofpa.com/393/SEPA>

This determination is based on the following findings and conclusions:

- The pilot project will comply with all state, federal and local regulations, best management practices, permits and agency requirements to minimize impacts that could occur from the project. Project would begin at Terminal 7 after issuance of all permits and approvals. List of anticipated permits and approvals is included in SEPA Checklist.
- Proposed project site is existing marine terminal and adjacent industrial zoned and developed upland. There would be no expansion of the marine terminal or upland industrial land area.
- The project proponent will engage a qualified firm to develop and implement an archaeological monitoring plan and have professional archaeologist monitor all ground disturbance during construction.

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Public and Agency Comment: This DNS is issued under WAC 197-11-340(2) and the comment period will end on **March 15, 2024**. Please refer any comments or questions relating to this determination or to the proposed project to Jesse Waknitz, Environmental Manager, Port of Port Angeles at jessew@portofpa.com or to:

Port of Port Angeles
Attn: Jesse Waknitz
338 W. 1st Street
Port Angeles, WA 98362

Responsible Official: Chris Hartman, Director of Engineering, 360.457.8527

Signature Chris Hartman Date 3/1/24
(Chris Hartman, SEPA Responsible Official)

Appeal process: There is no administrative appeal for this determination per Port of Port Angeles SEPA Resolution 20-1227. Procedures for appeal of this SEPA threshold determination are set forth in Chapter 43.21C RCW including, without limitation, RCW 43.21C.060, 43.21C.075, and RCW 43.21C.080 and Chapter 197-11 WAC including, without limitation, WAC 197-11-680.