



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

PO Box 47600, Olympia, WA 98504-7600 • 360-407-6000

December 20, 2023

WA State Department of Transportation
ATTN: Angie Haffie
11018 NE 51st Circle
Vancouver, WA 98666

Re: Coastal Zone Management Federal Consistency Decision for SR 105 Graveyard Spit
Dynamic Revetment and Dune Restoration (Corps No. NWS-2022-303-DOT), located
within Willapa Bay and Pacific Ocean near Tokeland, Pacific County, Washington

Dear Angie Haffie:

On June 30, 2023, the Department of Ecology (Ecology) received a Certification of Consistency with the Washington State Coastal Zone Management Program (CZMP) for the above project. Pursuant to Section 307(c)(3) of the Coastal Zone Management Act of 1972 as amended, Ecology concurs with the Washington Department of Transportation's determination that the proposed work is consistent with Washington's CZMP.

This determination is for building a dynamic cobble and large woody material revetment in the form of a dune that will simulate a cobble beach. The proposed dune will be approximately 3,800 feet long and 10 feet high above the existing site elevation and will cover an area of approximately 19 acres. The design entails a core of rock material; approximately 158,580 tons of 8-inch angular rock with approximately 1,500 tons of 3-man rock and 4,790 tons of 4-man rock at the point where the revetment dune transitions from the road to the shoreline/beach. The larger rock at this location will help stabilize the structure. The front of the dune will be comprised of approximately 129,500 tons of 6-inch rounded cobble and on-site excavated native sand material will be placed on the backside. The overall footprint at the base of the dune is 120 feet wide and, at the top, the dune will be 15 to 20 feet wide with slopes consisting of 2.5:1 slope on the front and 7:1 slope on the backside. These dimensions are approximate and may be adjusted at the time of construction. Additional elements include incorporating large woody material; logs with root wads will be located in two areas on the water side of the dune, mostly above high tide line to provide additional erosion protection by helping to dissipate high wave energy. Logs without root wads will be placed at the crest of the dune, also providing some protection against wind erosion. Any existing large woody material found on

site will be repositioned at designated locations during construction as determined by the project engineer.

The project site is located on SR 105, milepost 19.50 to milepost 20.10 in Willapa Bay-Pacific Ocean near the town of Tokeland in Pacific County, Washington.

If you have any questions regarding Ecology's decision, please contact Penny Kelley at 360-280-8856.

Your right to appeal

You have a right to appeal this decision to the Pollution Control Hearings Board (PCHB) within 30 days of the date of receipt. The appeal process is governed by Chapter 43.21B RCW and Chapter 371-08 WAC. "Date of receipt" is defined in RCW 43.21B.001(2).

To appeal, you must do all of the following within 30 days of the date of receipt of this decision:

- File your notice of appeal and a copy of this decision with the PCHB (see filing information below). "Filing" means actual receipt by the PCHB during regular business hours as defined in WAC 371-08-305 and -335. "Notice of appeal" is defined in WAC 371-08-340.
- Serve a copy of your notice of appeal and this decision on the Department of Ecology mail, in person, or by email (see addresses below).

You must also comply with other applicable requirements in Chapter 43.21B RCW and Chapter 371-08 WAC.

Filing an appeal

Filing with the PCHB

For the most current information regarding filing with the PCHB, visit: <https://elaho.wa.gov/> or call: 360-664-9160.

Service on Ecology

Street Addresses:

Department of Ecology
Attn: Appeals Processing Desk
300 Desmond Drive SE
Lacey, WA 98503

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Mailing Addresses:

Department of Ecology
Attn: Appeals Processing Desk
PO Box 47608
Olympia, WA 98504-7608

E-Mail Address:

ecologyappeals@ecy.wa.gov

Sincerely,



Brenden McFarland, Section Manager
Environmental Review & Transportation Section
Shorelands and Environmental Assistance Program

Sent via e-mail: angie.haffie@wsdot.wa.gov

E-cc: Samantha Stanford, U.S. Army Corps of Engineers
Sarah Burgess, EPA
Mackenzie Durham, WSDOT
Caroline Corcoran, Ecology
Penny Kelley, Ecology
fedconsistency@ecy.wa.gov