



STATE OF WASHINGTON  
DEPARTMENT OF ECOLOGY

*Northwest Regional Office • PO Box 330316 • Shoreline, Washington 98133-9716 • (206) 594-0000  
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August 31, 2021

Island County Diking District No. 1  
ATTN: Thomas Kraft  
PO Box 74  
Freeland, WA 98235

RE: Coastal Zone Consistency for Corps Reference #NWS-2019-876,  
Sunlight Beach Erosion and Restoration Project, Clinton, Island County, Washington

Dear Thomas Kraft:

On August 11, 2020, the Department of Ecology received a Certification of Consistency with the Washington State Coastal Zone Management Program (CZMP) for the above project. On February 2, 2021, Island County Diking District No. 1 and Ecology agreed to stay the CZM until June 30, 2021. A second stay to August 31, 2021, was agreed to on June 16, 2021.

This decision is for several actions to address erosion of Sunlight Beach and cross-shore sediment transport processes in the vicinity of Sunlight Beach and to re-establish a recreational beach. Some project components were conducted as an emergency action and completed work is noted within the project description below. Specific actions include:

- **Sill Repair:** Repair 16, 65-linear-foot existing timber sand retention structures (sills) waterward of mean high water line (MHWL) in order to facilitate trapping of sediment and widen the beach over time. Existing wooden piles would be removed and replaced with 6- to 10-inch-diameter untreated wood piles. Each sill would be composed of eight or nine piles spaced 8 feet apart and driven 6-10 feet deep, with untreated wooden boards attached to the piles. The wooden boards would not extend in excess of 2 feet above updrift elevation. **Note:** 11 sills were repaired in Winter 2020, with 5 repairs remaining.
- **Sandbag Removal:** Remove 18,000 cubic yards of super sack sandbags waterward of the high tide line (HTL) from an area of 18,000 square feet that were placed in 2019 and 2020 under emergency authorization from the Corps. The sandbags would be opened and material allowed to deposit onto the beach seaward of HTL. **Note:** All but 40 super sacks were removed in Winter 2020.
- **Dike Repair – Type A:** Repair 80 linear feet of an existing dike structure waterward of HTL by removing and replacing 80 cubic yards of fallen and unstable armoring. The dike would remain in the same configuration and location and there would be no change to the height or seaward extent of the dike. The repairs would occur at three locations along the dike. Individual fallen stones will be removed from waterward of HTL with the majority of repair work occurring landward of HTL. **Note:** This component was completed in Winter 2020.

- Dike Repair – Type B: Repair 100 linear feet of an existing dike structure waterward of HTL using 160 cubic yards of material over an area of 1,500 square feet. Approximately 85 cubic yards of stone would be placed waterward of HTL and 75 cubic yards landward of HTL. Riprap material would be placed at the toe of the dike to decrease the existing 0.5:1 slope of the dike to 1.5:1. **Note:** This component was completed in Winter 2020.
- Sand and Gravel Lag Nourishment: Place 1,000 cubic yards of gravel and 850 cubic yards of sand waterward of HTL over an area of 22,800 square feet to dissipate wave energy in front of the dike and minimize wave reflection. The placement would span 500 linear feet along the toe of the existing dike with a width of 40-60 feet and a gravel thickness ranging from 1 to 3 feet. A 1-foot-thick layer of sand would be placed on top of the entire 500 linear feet of gravel. Up to 260 cubic yards of material would be excavated waterward of HTL to place the gravel mat. **Note:** 680 cubic yards of this material was placed in Winter 2020.
- Rock Groin Shortening: Remove 70 linear feet from the waterward end of an existing rock groin located adjacent to the existing Henney Spit mouth in order to facilitate sediment movement toward Sunlight Beach. Approximately 400 cubic yards of rock over an area of 1,700 square feet would be removed and placed in the uplands on the dike,
- Mouth Breach: Dredge 760 cubic yards over an area of up to 8,420 square feet waterward of HTL in order to breach the southern end of Henney Spit and create a new inlet. The breach would include 1,700 cubic yards of cut landward of HTL for a total of 2,460 cubic yards. The length of the breach would be 310 linear feet cut perpendicularly through the existing sand spit. The breach would have a trapezoidal cross-section, with a bottom width of 20 feet and top width of 66 feet. Excavated material will be utilized for closure of the existing outlet, with any excess material used for nourishment placement.
- Mouth Closure: Place 650 cubic yards of material from the Henney Spit breach waterward of HTL over an area of 4,800 square feet at the existing outlet on the northern end of Henney Spit to close it off, merge the spit onto Sunlight Beach, and facilitate even distribution of sediment across Sunlight Beach to raise beach elevations. Approximately 50 cubic yards of fill would be placed above HTL. A total of 30 linear feet of channel would be filled with a depth of 4-6 feet and width of 115 feet.

The project is located between 2470 Sunlight Beach Road and 2650 Sunlight Beach Road, in Clinton, Washington, in King County.

Pursuant to Section 307(c)(3) of the Coastal Zone Management Act of 1972 as amended, Ecology concurs with Island County Diking District No. 1's determination that the proposed work is consistent with Washington's CZMP.

If you have any questions regarding Ecology's consistency decision please contact Rebekah Padgett at (425) 365-6571.

## **YOUR RIGHT TO APPEAL**

You have a right to appeal this decision to the Pollution Control Hearing Board (PCHB) within 30 days of the date of receipt of this decision. 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:

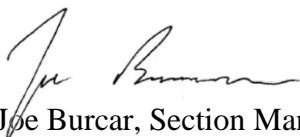
- File your appeal and a copy of this decision with the PCHB (see addresses below). Filing means actual receipt by the PCHB during regular business hours.
- Serve a copy of your appeal and this decision on Ecology in paper form - by mail or in person. (See addresses below.) E-mail is not accepted.

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

## **ADDRESS AND LOCATION INFORMATION**

<b>Street Addresses</b>	<b>Mailing Addresses</b>
<b>Department of Ecology</b> Attn: Appeals Processing Desk 300 Desmond Drive SE Lacey, WA 98503	<b>Department of Ecology</b> Attn: Appeals Processing Desk PO Box 47608 Olympia, WA 98504-7608
<b>Pollution Control Hearings Board</b> 1111 Israel RD SW STE 301 Tumwater, WA 98501	<b>Pollution Control Hearings Board</b> PO Box 40903 Olympia, WA 98504-0903

Sincerely,



Joe Burcar, Section Manager  
Northwest Regional Office  
Shorelands and Environmental Assistance Program

Sent by electronic mail: [islandcountydd1@gmail.com](mailto:islandcountydd1@gmail.com)

e-cc: Jordan Bunch, US Army Corps of Engineers  
Margaret Clancy, Environmental Science Associates  
Hannah Snow, Environmental Science Associates

Paul Marczin, WA Department of Fish and Wildlife  
Solenne Walker, WA Department of Natural Resources  
Kira Swanson, WA Parks and Recreation  
Todd Tatum, WA Parks and Recreation  
Kerry Lyst, Stillaguamish Tribe of Indians  
Meredith Penny, Island County Planning & Community Development  
Karen Hanseth Leland  
Vivian Stembridge, Sunlight Shores Country Club, Inc.  
Vivian Stembridge  
Edward Sheets  
Jill McGrath & Richard Gelb  
Lance Porter  
Alan Rosen  
George T. F. Henny, Trustees of the David Christian Henny Testamentary Trust-Exempt,  
and the David Christian Henny Testamentary Trust-Nonexempt  
Dave Menzimer, Olympic Marine View Owner's Association  
Dick Clotfelter, Island County Diking District #1  
Neil Molstad, Ecology  
Railin Santiago, Ecology  
George Kaminsky, Ecology  
Grant Yang, Ecology  
Amy Jankowiak, Ecology  
Loree' Randall, Ecology  
[ecyrefedpermits@ecy.wa.gov](mailto:ecyrefedpermits@ecy.wa.gov)