



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

Northwest Regional Office • 3190 160th Ave SE • Bellevue, WA 98008-5452 • 425-649-7000
711 for Washington Relay Service • Persons with a speech disability can call 877-833-6341

July 20, 2015

Evan Lewis
Chief, Environmental and Cultural Resources Branch
U.S. Army Corps of Engineers
PO Box 3755
Seattle, WA 98124

RE: Coastal Zone Consistency for 2015 Skagit River Levee Rehabilitation, Diking Districts 1, 12, 17 (Site 4), and 22 Project, Skagit River, Skagit County, Washington

Dear Mr. Lewis:

On May 22, 2015, U.S. Army Corps of Engineers, Seattle District (Corps) submitted a Federal Consistency Determination for rehabilitation of the Skagit Levee at several sites within Diking Districts 1, 12, 17 (Site 4), and 22, located in Mount Vernon and Skagit County.

The proposed repair work includes:

- Diking District 1 (three sites): *Located along the right bank of the Skagit River mainstem and right bank of the North Fork Skagit River, near the town of Mount Vernon, Site 1: 48°25'54.54"N 122°21'54.97"W, Site 2: 48°25'52.98"N 122°21'47.61"W, Site 3: 48°25'50.57"N 122°21'37.41"W.*

Reshape and armor the riverward slopes to pre-flood condition, tying into existing banks. The proposed repair lengths are approximately 150 feet (Site 1), 170 feet (Site 2), and 295 feet (Site 3). At all sites, repairs would include removal of the existing damaged riprap, re-grading of the riverward slope to achieve 2H:1V slopes, replacement of the 1-foot thick 4- to 8-inch spall filter layer, and replacement of the 4-foot-thick blanket of Class IV riprap from the levee toe to the top of the slope. The armor rock would be placed down to the river bottom and no buried toe would be constructed.

- Diking District 12: *Located along the right bank of the Skagit River near the town of Burlington, at 48°28'42.32"N 122°17'51.18"W.*

The 515-foot levee repair would include a layback of the riverward slope, from approximately .5H:1V to at least 2H:1V and up to 3H:1V in the center of the repair. The riverward slope would be reshaped to straighten the alignment by removing the knob that has been exposed to high flows in this constricted reach of the Skagit River. A 1-foot-thick layer of 4- to 8-inch quarry spalls would be overlain by a 4-foot-thick blanket of Class IV riprap along the riverward slope to provide scour protection. The armor rock would be placed down to the water surface elevation to the maximum extent possible, and no buried toe would be constructed.



- Diking District 17 Site 4: Located along the left bank of the Skagit River, under the Riverside Bridge, in the town of Mount Vernon, at 48°26'37.57"N 122°20'7.89"W.

The proposed 350-foot levee repair would reshape the slope to its pre-flood condition. The work would consist of restoring the 2H:1V slope, replacing lost armor rock with a 1-foot spall filter layer and a 3-foot blanket of Class IV riprap, and placing topsoil with hydroseed.

- Diking District 22: Located along the left bank of the North Fork Skagit River and the right bank of the Skagit River (and Freshwater Slough), approximately 5 miles southwest of Mount Vernon, at 48°22'9.61"N 122°23'40.37"W.

The proposed 650-foot-long repair would return the levee to the pre-flood condition and level of protection within the existing levee prism footprint. The recommended plan consists of reshaping and replacing lost armoring along the riverward slope over the damaged length. The riverward slope would be reshaped to the greatest extent possible and a 3-foot blanket of Class IV riprap underlain by a 1-foot-blanket of 4- to 8-inch spall rock would be replaced. The armor rock would be placed to the river bottom and no buried toe would be constructed. Vegetation removal would be limited to the riverward face of the repair site and would be minimized to the extent possible. At least 35 trees are expected to be removed and used at another site as unanchored logs.

Pursuant to Section 307(c)(3) of the Coastal Zone Management Act of 1972 as amended, Ecology concurs with the Corps' determination that the proposed work, as described in the Corps Federal Consistency Determination dated May 22, 2015, and the email from Hannah Hadley, Corps, to Rebekah Padgett, Ecology, RE: Skagit River Levee Rehabilitation Diking Districts 1, 12, 17 (Site 4), and 22, dated July 14, 2015, is consistent with Washington's CZMP.

NOTE: This determination does not cover levee rehabilitation activity at Diking District 17 Sites 1-3. These are addressed through a separate determination.

If you have any questions regarding Ecology's consistency determination please contact Rebekah Padgett at (425) 649-7129.

YOUR RIGHT TO APPEAL

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

- File your appeal and a copy of this Order 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 Order on Ecology in paper form - by mail or in person. (See addresses below.) Email 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

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

Sincerely,



Paul Anderson, Wetlands/401 Unit Supervisor
Shorelands and Environmental Assistance Program
Northwest Regional Office

PA:rrp:ap

By certified mail: 7012 1640 0000 6245 7753

cc: Hannah Hadley, U.S. Army Corps of Engineers
Wendy Cole, Washington Department of Fish and Wildlife
Brenda Werden, Washington Department of Natural Resources
Betsy Stevenson, Skagit County Planning & Development
Bob Hyde, City of Mount Vernon

e-cc: Bob Fritzen – BFO
Doug Gresham – NWRO
Danielle DeVoe – NWRO
Dave Garland – NWRO
Dave Radabaugh – NWRO
Loree' Randall – HQ
Anne Dettelbach – NWRO
ecyrefedpermits@ecy.wa.gov