

SALISH SEA NEARSHORE PROGRAMMATIC (SSNP) CONSULTATIONS
LIST OF REQUIREMENTS
 Version: August 02, 2022

Project Design Criteria (PDC) #13 Beach Nourishment

Programmatic Endangered Species Act (ESA) Consultations [National Marine Fisheries Service (NMFS) reference number WCRO-2019-04086, U.S. Fish and Wildlife Service (USFWS) reference number FWS/R1/2002-0048454] have been completed for the activities listed below. If you can design your project to meet all of the requirements of the Programmatic Biological Opinions (i.e. General Construction Measures, and Essential Fish Habitat Conservation Recommendations, and PDC's) including the specific project design criteria listed below, then the review of your ESA consultation and permit application will be streamlined. The submittal of this list is not required. However, to further expedite your review you may include a description of how you meet these requirements in your SSNP application materials.

Activities Covered
<ul style="list-style-type: none"> • Placement of beach nourishment • Spawning gravel placement to meet WDFW mitigation requirements
Notification Requirements
<p>NMFS notification and verification is required for this activity category. USFWS notification is required for this activity category. The application materials and notification should include the information below if applicable.</p>
<ul style="list-style-type: none"> • Provide a pre-construction topographic and bathymetric profile survey and agreement to conduct a post-construction survey. • If a minor alteration from the PDC is requested, provide documentation in the notification. See Program Administration Section 6 of the Biological Opinions for supporting information.

Project Design Criteria	
	Projects may use sediment harvested from previously permitted dredging activities and/or gravel upland sources. The material should be similar in size to undisturbed neighboring locations with similar beach morphologies.
	Dredged material must be suitable for in-water disposal or placement where it will periodically be in contact with water. Sediment may be placed in the high tide zone of the beach, where it is likely to be subsequently reworked and redistributed by wave action.
	Conduct topographic and bathymetric profile surveys of the beach and offshore within the project and control areas. Pre- and post-construction surveys shall be conducted no more than 90 days before construction commences and no more than 60 days after construction ends. Surveys should be submitted to NMFS with a copy sent to the Corps Project Manager.
	Placement of beach nourishment will follow WDFW Marine Shoreline Design Guidelines. (https://wdfw.wa.gov/sites/default/files/publications/01583/wdfw01583.pdf#page=123&zoom=100,68,96).

	Spawning Gravel
	To meet WDFW mitigation requirements for hydraulic project approval (HPA), up to 25 cubic yards of suitable material may be placed to create or improve fish habitat and nearshore environment.
	Only clean, suitable material may be placed.
	The beach will not contain any pits, potholes, or large depressions, and all natural beach complexity that was necessary to remove will be repositioned or replaced in the original locations immediately following completion of work.
	When placing material in areas known to have forage fish spawning, applicant will adhere to WDFW timing windows protective of forage fish.
	When placing material on known surf smelt spawning beaches a spawning survey will be conducted prior to placing material.
	Stockpiling will not occur below the HTL.