



KITITAS COUNTY

DEPARTMENT OF PUBLIC WORKS

MEMORANDUM

TO: All Staff
FROM: Public Works Plan Review Team
DATE: August 4, 2021
SUBJECT: SX-21-00009 Pierson

Public Works has reviewed the Shoreline Exemption Application. Please see comments below:

A Floodplain Development Permit will be required for this activity. The 100-year floodplain determined by FEMA was determined utilizing approximate methods and that the spatial extents of the mapped floodplain conflicts with field conditions. The project site is determined to be within the Special Flood Hazard Area and will require a floodplain development permit.

The plans provided in the shoreline exemption application are not adequate to understand the proposal. In order to evaluate this project for a floodplain development permit, the applicant will need provide additional detail about the design: (for example, how many trees will total will be used to construct the 5 barb; clarify if 30 feet is the total length; with 22 – 24 feet of length extending into the stream channel; specify how much rock, the size of rock and the location rock will be placed; and identify excavation and backfill extents and quantities). The applicant will also need to provide technical documentation supporting the basis of design.

In order to issue a floodplain development permit, the applicant will need to demonstrate that the proposal meets KCC 14.08.190 (Anchoring) and 14.08.315 (Standards for filling, grading in floodplain) requirements. In particular, to meet 14.08.315 requirements, the applicant will need to demonstrate that the proposal does not increase upstream or downstream flood hazards.

Additionally, we will require (per KCC 14.08.100) all necessary federal, state, and local permits to be obtained prior to issuing a floodplain development permit.

The information in the shoreline exemption application is insufficient to determine if a grading permit is required.