



KITITAS COUNTY

DEPARTMENT OF PUBLIC WORKS

MEMORANDUM

TO: All Staff
FROM: Public Works Plan Review Team
DATE: April 5, 2022
SUBJECT: SX-22-00007 Chappelle

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

Floodplain Development Permit Required:

The proposed development will require a floodplain development permit and will need to meet KCC 14.08 requirements. The Base Flood Elevation for the Proposed Structure is 2006.3 ft NGVD 88. Available flood velocity information indicates that flood velocities exceed five (5) feet per second and so crawlspace construction is not permitted (KCC 14.08.250(5)). Public Works staff is available for technical assistance.

Floodway:

The parcel contains FEMA designated Floodway. Per the submitted site plan, the proposed single-family residence is located outside the Floodway. Please be advised that the Floodway is highly restricted and any development within the floodway must be permitted through a floodplain development permit and must demonstrate no rise of 100-year flood elevations before being permitted. No new or substantially improved residences are allowed within the Floodway.

Channel Migration Zone:

Kittitas County Public Works currently has no additional information regarding channel migration risk at this location. We have initiated a study of channel migration and avulsion risk in this area. Please note that this study will generate planning-level information and will not evaluate parcel-specific risk and that results from this effort are not expected until the end of the year.