

## **KITTITAS COUNTY** DEPARTMENT OF PUBLIC WORKS

TO:

Chelsea Benner, Planner I

COPY:

Taylor Gustafson, Planner III

DATE:

October 19, 2018

FROM:

Mark R. Cook, Director



RE:

SD-18-00001 Williams

Public Works has the following comments on the Williams substantial shoreline development permit application:

- 1. The bridge specifications provide no engineering calculations. Prior to bridge design approval, supporting calculations and a load rating are required.
- 2. We do not see anywhere in the application the type, quantity, source and composition of driveway and bridge approach abutment fill is detailed.
- 3. We note that a 100 year flow volume is referenced but there are no supporting calculations. The flow volume is a necessary component of validating bridge freeboard.
- 4. The application materials do not identify the access location for the proposed new driveway. It is unclear if the proposed new access location has any implications to floodplain or shoreline.