EXHIBIT 6 SHOR17-04

UPDATE: Section 5.3.1 (SMP 16.57.021-020) (page 9 of Shoreline application)

Based on questions from City planning staff and a follow-up meeting (on April 11, 2018) the following section has been revised to correct typographical errors and provide additional information for SMP 16.57.020.E.

5.3. Frequently Flooded Areas (SMP 16.57)

5.3.1. Applicability/Uses and Activities Prohibited (SMP 16.57.010-020)

The project site, and almost all of the parcel is located within a Frequently Flooded Area, as defined by SMP 16.57.010.A. The project site is within the 100-year floodplain for Lacamas Creek, as mapped on the FIRM for Clark County (FEMA 2012).

The base flood elevation at the project site is identified by FEMA as 193 feet (FEMA 2012). The majority of the proposed project is mapped as outside of the designated floodway shown on the same map. Two <u>One</u> of the proposed STEP tanks (by the caretaker's house and by the restroom) and associated pipes to this tank and the STEP tank near the restroom are within the mapped floodway. However, local topography (i.e. relatively flat at the STEP tank sites with a steep slope to the north towards the lower terrace) suggests that the precise location of the floodway boundary lies beyond the both STEP tanks and piping.

No critical facilities, wells, on-site sewage or waste disposal systems, or additional lots are proposed as part of the project (SMP 16.57.020.A-D). The purpose of the project is to decommission on-site septic systems and connect to the City's sewer system.

In accordance with SMP 16.57.020.E and the FIRM map, the proposed project does not include new development or encroachment into in the floodway. The project would connect existing structures to the City's sewer system and discontinue use of existing septic systems, two of which are is within the mapped floodway. Trenching and grading for installation of the sewer lines in the floodway, are limited to:

- <u>NE corner of caretaker's house -- Excavation of one narrow trench, approximately 50 feet long</u> and a maximum of 18-inches wide, and installation of a 1-inch sewer pipe and associated <u>electrical conduit; and</u>
- East corner of the east restroom-- Excavation of one narrow trench, approximately 15 feet long and a maximum of 18-inches wide, and installation of a 4-inch sewer pipe and associated electrical conduit; and

Both trenches will be backfilled with native soil over pipe bedding material (sand or gravel) and returned to pre-construction conditions. Returning these two trench areas to pre-construction conditions includes returning the landscape to the existing topography. Contract language will be included in the bid specifications that the contractor is to return the landscape to pre-construction contours (level with the adjoining undisturbed landscape) along the trenches. No mounds or bumps of soil will exist after construction to influence post-construction flood flow conditions. Consequently, based on the equivalence of pre- and post-site contours, the proposed development in the floodway (placement of these pipes below ground level) will not result in an increase in flood levels during the occurrence of the base flood discharge (James Carothers, P.E., City of Camas, pers. comm., February, 13, 2018).