## Water Management Plan Comments Cindy LeFleur – October 22, 2010

## Section 7.4 Chum operations – page 55

"The AAs plan to operate the FCRPS to provide flows to support chum salmon spawning, incubation and egress in the Ives/Pierce Islands Complex, Hamilton Creek and Hardy Creek below Bonneville Dam. The Ives/Pierce Islands Complex below Bonneville Dam represents about 10% of the natural spawning area for the ESA listed Columbia River chum."

- It is not clear to me if this description (above) is meant to include the other areas that have chum spawners and which we consider all part of the same group. If it is to include the other areas maybe it should say "The Ives Island Complex includes Ives/Pierce Islands, Hardy Creek, Hamilton Creek and spring channel, Multnomah, St. Cloud, Horsetail, Duncan Creek and I-205." Or we could call them the "chum spawning in the mainstem and tributaries near Bonneville Dam to the I-205 Bridge".
- If you include all areas except I-205, then the percentage for the ESU is 12% (2004-2009 average).
- If you include I-205, then the percentage for the ESU is 27% (2005-2009 average).

## Section 7.4.3

- The number and percentage of the total redds which would be affected by the decision
- The percentage of the total chum population that spawned in the creek
- The percentage of the total chum population that spawned at other locations
- The component of the overall population that these redds represent

## **Edits**

- The number and percentage of the total redds in the Ives Island Complex that which would be affected by the decision
- The percentage of the total chum population in the Ives Island Complex that spawned in the Hamilton and Hardy creeks
- The percentage of the total chum <del>population</del> ESU that is represented by these redds<del>spawned at other locations</del>
- The component of the overall population in the Ives Island Complex that these redds represent