

Priest Rapids Coordinating Committee’s Hatchery Subcommittee  
Statement of Agreement

**Carlton Acclimation Facility Capacity Utilization**

Submitted to PRCC Hatchery Subcommittee: March 18, 2013

Approved by PRCC Hatchery Subcommittee: April 18, 2013

**Statement**

The Priest Rapids Coordinating Committee Hatchery Subcommittee (PRCC HSC) agrees that the capacity exists (Carlton Acclimation Facility Basis of Design 2012) at Grant PUD’s Carlton Acclimation Facility for use as the facility for overwinter rearing of Chelan PUD’s mitigation obligation of 60,516 Methow spring Chinook. Fish management for both Grant PUD’s mitigation obligation of 200,000 summer Chinook and Chelan PUD’s 60,516 spring Chinook will be targeted to accommodate the following criteria:

| Program    | Release number | Size at release | Length at release | Density index   | Flow index     | Flow demand/tank | # 30-ft. tanks |
|------------|----------------|-----------------|-------------------|-----------------|----------------|------------------|----------------|
| Grant PUD  | 200,000        | 15 fpp          | 5.7”              | 0.10 lb/cf/in   | 1.0 lb/cf/in.  | 388 gpm          | 6              |
| Chelan PUD | 60,516         | 15 fpp          | 6.0”              | 0.087 lb./cf/in | 0.6 lb./gpm/in | 560 gpm          | 2              |

**Background**

As part of its obligation under the 2006 Priest Rapids Salmon and Steelhead Settlement Agreement (Part X), Grant PUD is obligated to develop the facilities necessary to propagate yearling summer Chinook for release into the Methow River. In 2012, the Priest Rapids Coordinating Committee Hatchery Subcommittee (PRCC HSC) agreed to a recalculated smolt obligation number of 200,000 (SOA 2012-01). Under the Settlement Agreement, Grant PUD is also obligated to construct the Carlton Acclimation Facility to accommodate an additional 10 percent capacity.

In 2010, the PRCC Hatchery Subcommittee agreed that Grant PUD should work with Chelan and Douglas PUDs to determine the feasibility and practicality of modifying and/or expanding Chelan PUD’s Carlton Pond facility to overwinter rear, acclimate and release up to 278,000 Methow summer Chinook salmon (SOA 2010-XX). In 2012, the PRCC Hatchery Subcommittee approved the Carlton Summer Chinook Acclimation Facility Basis of Design which provided the engineering design criteria for this facility (SOA 2012-03). In the latter SOA, the PRCC HSC further agreed that Grant PUD would leave all of the existing Chelan PUD components in place and utilize the existing surface water intake, pump station and outfall/release pipe. This SOA was contingent upon the conditions of feasibility outlined in SOA 2010-XX to provide overwinter acclimation facilities and/or expanded capacity at Carlton Pond.

In February 2013, Grant PUD and Chelan PUD finalized a lease agreement which provided the space necessary for Grant PUD to construct new components of the facility, including circular fish rearing tanks and associated water supply, drain, and fish release piping; a building to protect the tanks; storage space; access roads; and security fencing. Within this lease, Grant PUD agreed to provide Chelan PUD with capacity to overwinter acclimate 60,516 Methow spring Chinook.

**References:**

HDR, Inc., Grant PUD 2012. Carlton Summer Chinook Acclimation Facility Basis of Design, Priest Rapids Hydroelectric Project, FERC No. 2114.