

B2 Corner Collector Construction
TMT Meeting 25 September

Background:

- Review of project scope
- \$32 million contract to Kiewit/Manson Joint Venture awarded in July 2002
- Contract completion scheduled for 19 December 2003
- Critical in-water and low water work description
 - a) Excavation along north side of Cascades Island to Elev 14 at downstream end, increasing by 0.5' in elevation every 100' of flume length
 - b) In-water work at tip of island and near existing trash chute
- Coordinated with FFDRWG & consulted with NMFS on specific actions
 - a) 11/15/02 – 11/30/02 early in-water work period
 - b) Construction Task Force for issues that arise during construction
 - c) Restrictions on work near existing Cascade Island adult ladder entrance & UMT

What's Already Setup:

- B1 priority during in-water work period to minimize B2 flow
- Working to delay B1 ladder outage as late as possible in winter maintenance season to keep B2 ladder down as long as possible
- Limitations on blasting included in specs (bubble curtain, 2 FPS max velocity)

Construction Actions:

- 10/02 – 2/03 (based on tailwater level): low water chute placement

<u>Date:</u>	<u>Preferred Maximum Tailwater</u>
10/17	14' (increasing by 0.5' every 2 weeks)
12/19	16.5'
12/20	19.5 (increasing by 0.5' every 2 weeks)
2/1/03	21'
- 11/15/02 – 2/28/03: Construct plunge pool, u/s work to support channel, and downstream monolith
- 7/03 – 11/03: Completion of low-water work including placing chute on monolith

Potential Issues:

- Need for special operations for up to 4 hours for blasting/bubble curtain
 - a) Developing alternatives to blasting
 - b) Early December 02 if blasting is needed
- Chum operations
 - a) Changing tailwater and impact on low water construction
 - b) Minimum flows and flow at B2: specifications state up to 4 units during in-water period at B2

Transportation Channel Site Plan

