

PROPOSED TAILRACE BARRIER BIOLOGICAL MONITORING PROGRAM

*Presented to the
Aquatic Subcommittee
January 29-30, 2008*

Proposed Monitoring Schedule

- The stilling basin will be seined just prior to the Project's maintenance shutdown period to determine if fish are bypassing the barrier.
- If two consecutive years of seining during this period document that fewer than 50 fish (total of all salmonid species and life stages with no adult salmonids) are captured:
 - Seining will be conducted every third year.

Monitoring, cont'd

- If any adult salmonids or more than 50 fish (total of all salmonid species and life stages) are captured, then seining will be conducted again the following year.
 - Once two consecutive years of seining during this period document that fewer than 50 fish (total of all salmonid species and life stages, with no adult salmonids), with no adult salmonids are captured:
 - Seining will be conducted every third year

Proposed Seining Schedule, cont'd

- If less than 50 fish (total of all salmonid species and life stages, with no adult salmonids) are captured after:
 - 2 consecutive years of seining (2008 and 2009)
 - Seining after three years (2012)
 - Seining after three years (2015)
- Seining will no longer be required

Proposed Seining Schedule, *cont'd*

- The seining operation will no longer be required, provided that:
 - The barrier remains intact, and
 - The tailrace above the barrier is not overtopped by flood flows

Proposed Seining Schedule, *cont'd*

- If the tailrace above the barrier is overtopped, or the barrier is breached, seining will be conducted the next shutdown following the event to document fish presence, if any.
- If less than 50 fish (total of all salmonid species and life stages, with no adult salmonids) are captured, seining will no longer be required.

	2008	2009	2010	2011	2012	2013	2014	2015
Fish Barrier Monitoring/Seining								
Barrier Installed (2007)								
1 st Year Seining								
2 nd Year Seining								
5 th Year Seining (if fish criteria not met)								
8 th Year Seining (if fish criteria not met)								

