



DRAFT

DATE: September 6, 2005  
TO: FSOC Distribution  
FROM: Frank Young  
SUBJECT: FSOC Fish Screening Criteria Workshop September 20, 2005

**New Concepts in Screening  
September 20, 2005  
10 a.m. to 4 p.m.**

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**IDFG Fisheries Research Office  
1414 E Locust Lane**

**Nampa, ID 83686-8451 (use [www.mapquest.com](http://www.mapquest.com) for directions)**

Final Agenda

**ITEM 1: Introduction** – Bryan Nordlund and Frank Young.

*Several new concepts in screening have been developed for use in the Pacific Northwest. These include the bubbler screen, a low velocity passive screen, the coanda screen, a horizontal passive screen developed by Farmers ID in Hood River and a device called a Swim-thru fishway. Several of these have gone through either NOAA-F or the AFS version of development of experimental passage technology and there is uncertainty about whether these new approaches to passage provide equal or superior fish protection over the entire range of operational conditions that exist over a fish passage season, as compared to facilities constructed using NOAA-F criteria, and whether/under what conditions agencies will approve their installation.*

*The primary purpose of this meeting is to discuss the status of new screening concepts and engage the region's fish screening experts in a discussion of the merits of these concepts and if they are sufficiently developed to provide acceptable fish passage and be considered by FSOC for inclusion in Regional screening criteria.*

**ITEM 2: Bubbler Screen – Basic Design Concept, Function, Operational Observations and the Status of Biological Testing** – Dale Gooby

- ITEM 3: Low Velocity Passive Screens - Basic Design Concept, Function, Operational Observations and the Status of Biological Testing – FSOC Discussion**
- ITEM 4: Coanda Screen – Basic Design Concept, Function, Operational Observations and the Status of Biological Testing - FSOC Discussion**
- LUNCH**  
**12-1:00pm** There are no eating establishments located nearby, participants will have the opportunity to order sandwiches from a local sandwich shop (when you arrive at 10 a.m.) which will deliver the orders at noon.
- ITEM 5: Horizontal Passive Screen Developed by Farmers ID – Basic Design Concept, Function, Operational Observations and the Status of Biological Testing - FSOC Discussion**
- ITEM 6: Swim-thru Fishway – Basic Design Concept, Function, Operational Observations and the Status of Biological Testing – FSOC Discussion**
- ITEM 7: Update on the Status of NOAA-F Passage Criteria Document – Bryan Nordlund**
- ITEM 8: Formation of a Subgroup to Develop Criteria for Design of Roughened Channels - FSOC Discussion**