



LSRCP ISRP Review
Boise, ID
January 23

Current Fish Production

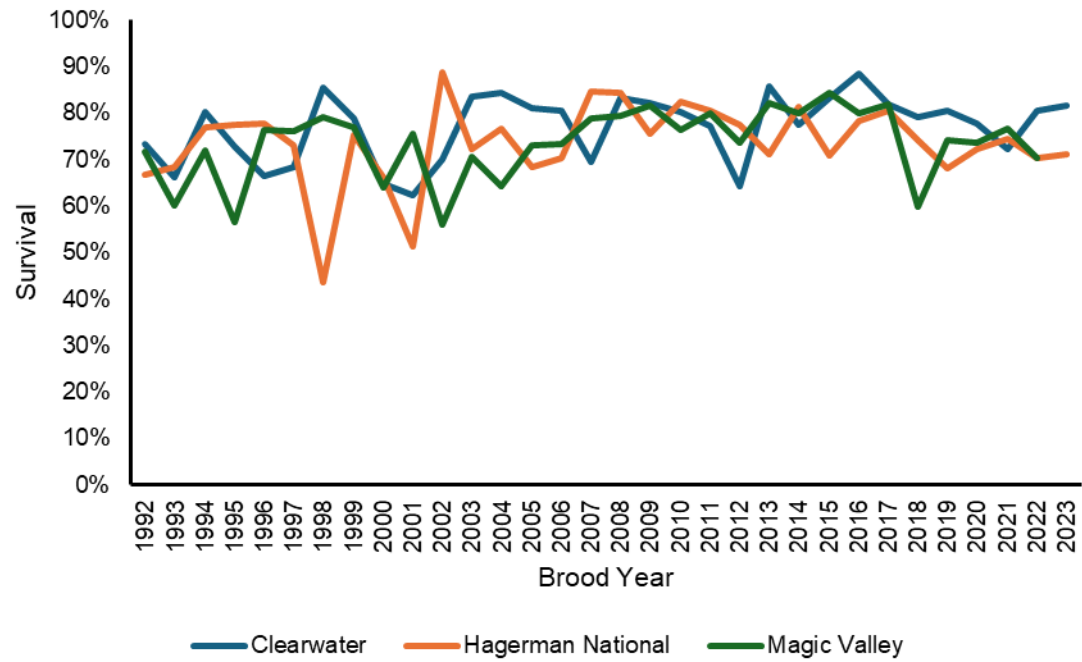
Pahsimeroi Weir – 434k USRB only

Yankee Fork – 434k USRB only

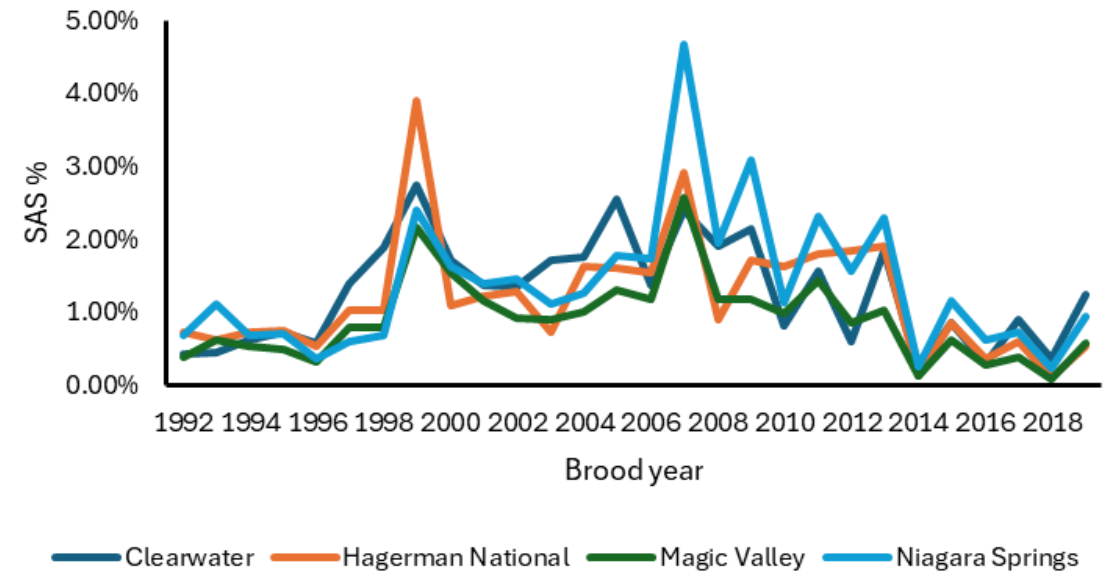
Little Salmon at Stinky Springs – 403k SAW A's

Sawtooth Weir Release – 279k SAW A's

Juvenile Survival to LGD



SAS (smolt-to-adult survival)



Current Facility Issues

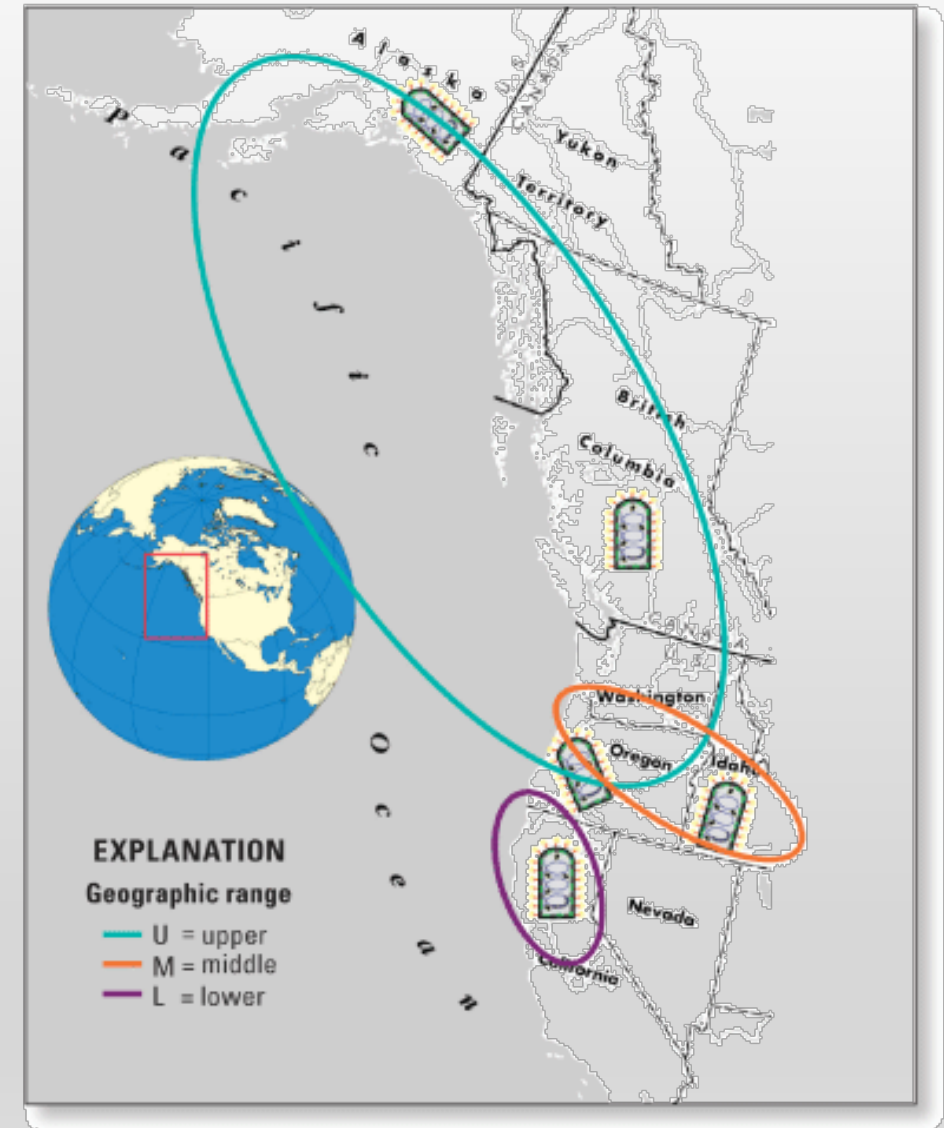
- Repair cost over the last 5 years on raceway walls
 - \$50K
- Other aging infrastructure
 - Bridge
 - Annual replacement of wheels
 - Motor was rebuilt in 2023 (\$22,879)
 - Included VFD, Motor, Drive shaft
 - Busbar Last replaced in 2008
 - Valves
 - Valve stems are replaced as needed
 - Make up water on B sections
 - Raceway screens
- Reduce water (only have 68-73 cfs of the 125 cfs water right)





Recent IHNV issues

- **BY20** – U-CLADE FOUND IN DWOR B'S– No unusual mortality - culled 96k 5-inch fish
- **BY21** – Clean
- **BY22** – U-clade found in DWOR b's – no unusual mortality – culled 95k 2-inch fish
- **BY23** – M-clade found. The Source vat broke as it was being marked. Spread throughout over 1/2 of the hatchery (mostly B's). Very High mortality ~34%



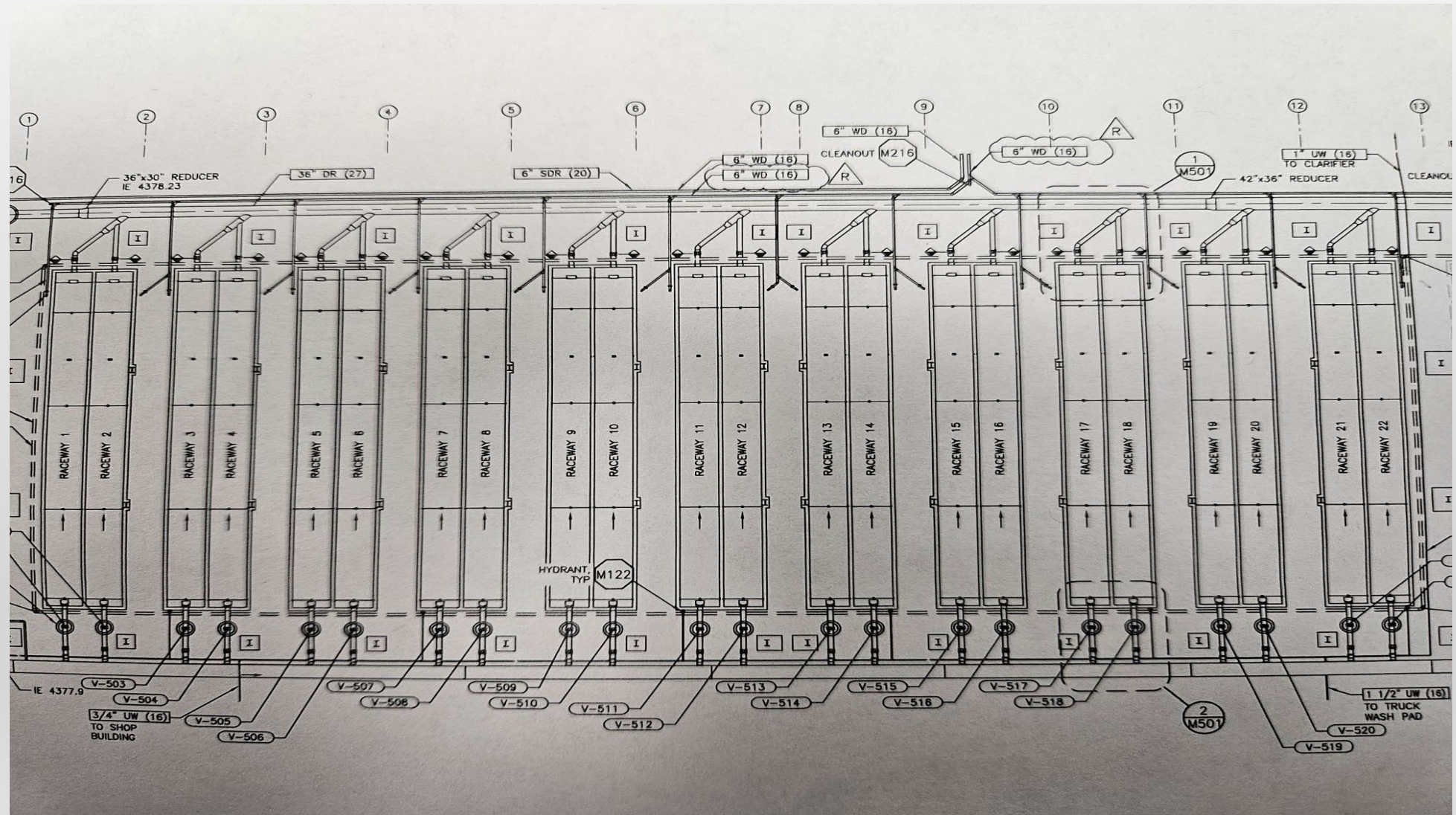
Raceway Alternatives

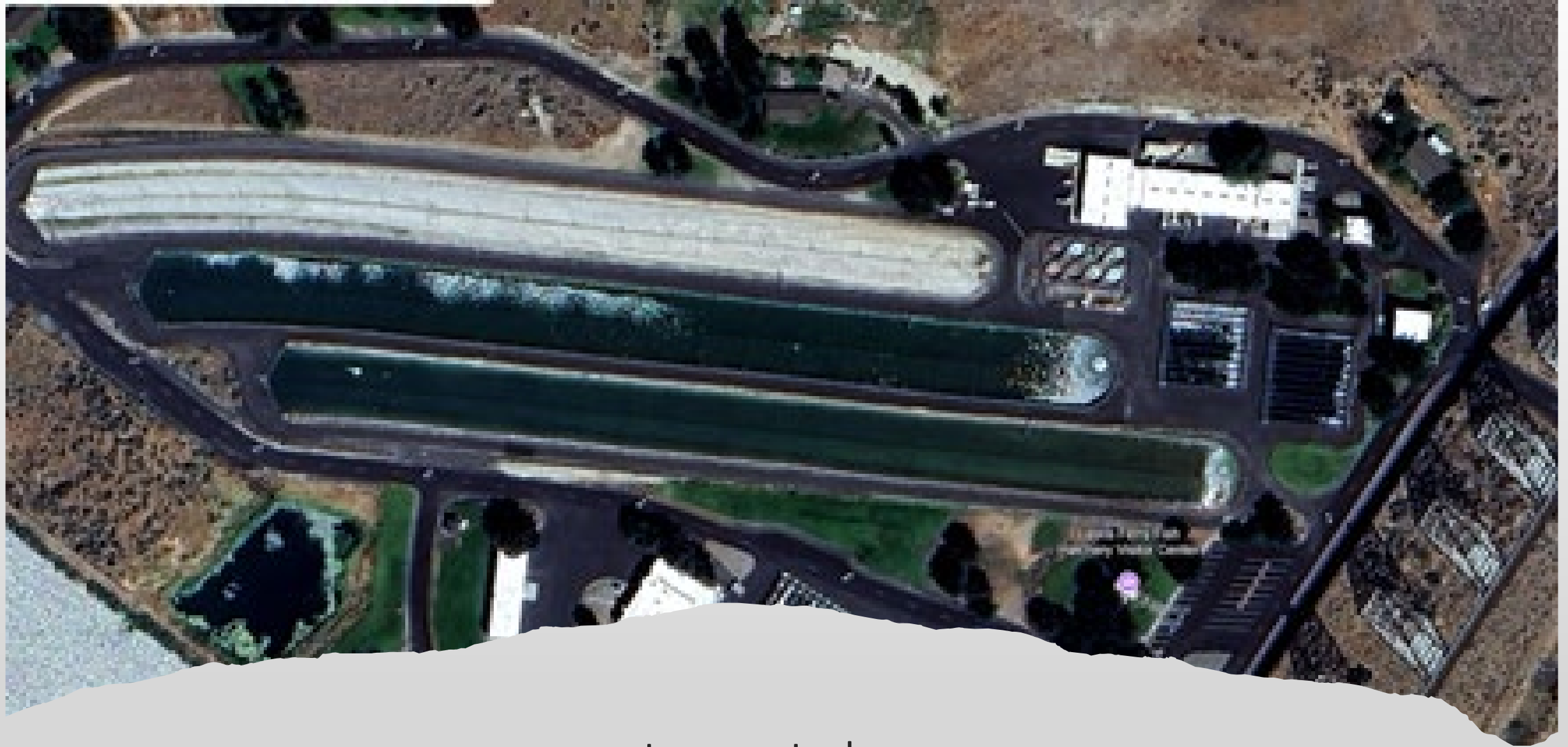
1. Repair or replace in kind
2. Paired Raceways similar to the current IDFG Nampa Hatchery renovation
 - (2) 100-ft long raceways in series
 - Supplemental water added at the head end of the second raceway
3. Large Lakes similar to Lyons Ferry
4. Circular tanks with single pass water
5. The use of off-site acclimation (or rearing capacity) to allow fish to be moved off site and reared to full size at another facility.
 - This alternative can be added to any other alternative
 - Cottonwood may be an example of an off-site acclimation facility
6. Michigan Style Ponds similar to Umatilla Hatchery
7. Linear raceways in series similar to Hagerman National or Irrigon (with the additional of LHO's in between each raceway series)
8. No action at MVFH. IDFG/USFWS may look for additional water services in the Hagerman Area.

Current Facility



Paired raceways





Large Lakes

Circular tanks



Michigan Style Ponds



Serial Reuse



Questions?