

March 2014 LSRCP Meeting

Best Management Practices at
Lyons Ferry Hatchery

Ponding Fall Chinook Fry

- Used to pull trays from heath stacks and put into a fry tote of water.
- Use forklift to move tote to rearing vessel.
- Would then carefully remove fry from heath trays and release fry into rearing vessel.



Aqua-Life BioStream pump with Honda gas motor.

Honda motor is 10hp at 3,600 rpm's

For loading trucks running between 2,200 and 2,400 rpm's

Lateral movement of fish is around 2,000 rpm's





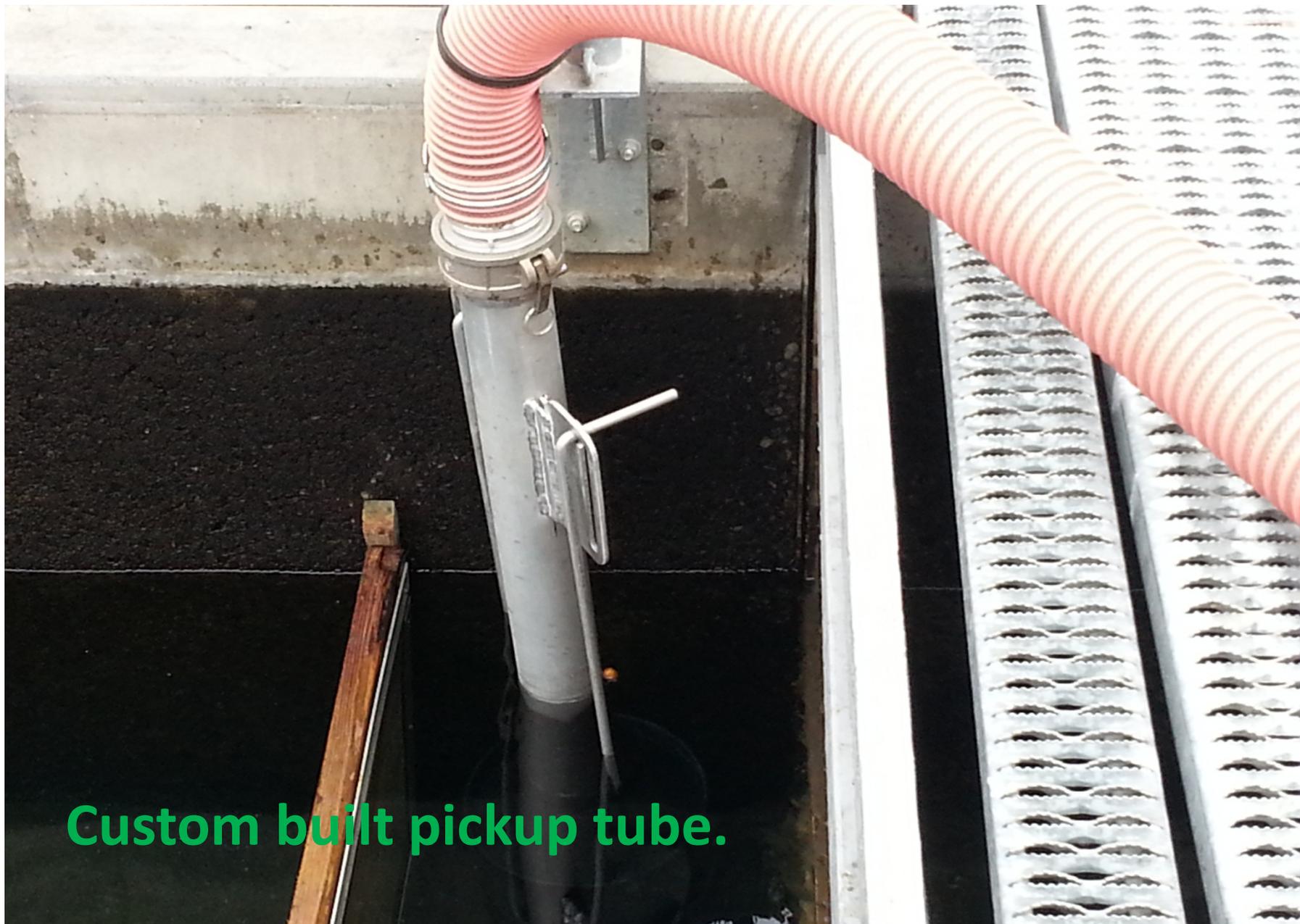
Moving 12 f/lb steelhead from one raceway to another.



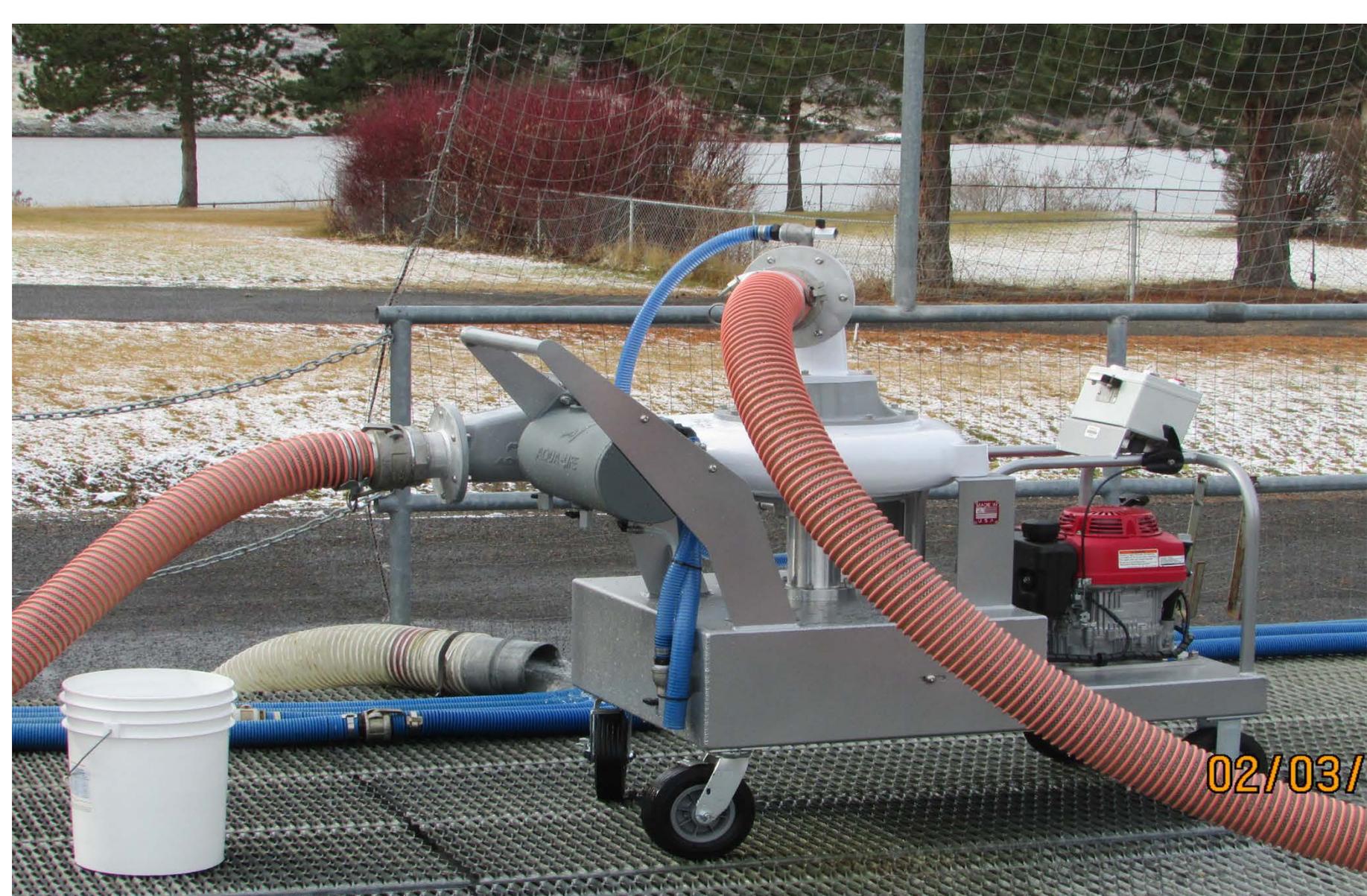
FIRST PICKUP TUBE WE USED



Problems: Could not stop fish from entering the pipe when needing to switch trucks and would suck up against the raceway wall if not keeping in the middle of the raceway.



Custom built pickup tube.



4" Aqua-life pump loading fall chinook that are 12 f/lb



Loading the truck.

New 4" pump with adapters to utilize the 6" drying rack of another pump.



4" to 6" adapter to allow use of new 4" pump.



**Fall chinook bound for Captain
Johns. 12 f/lb.**

02/03/