

- Reduce Production Cost
- Improve Growth
- Optimize Health
- Quantify Functional Welfare
- Improve Quality

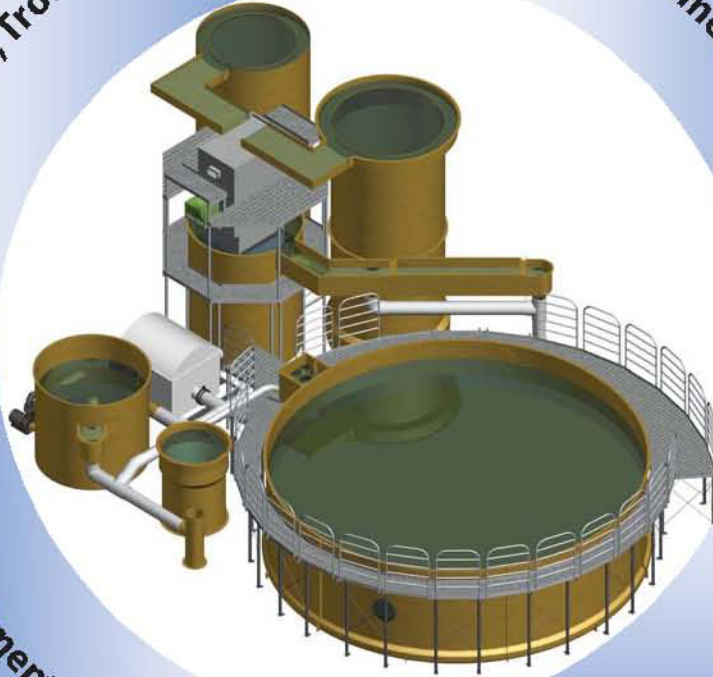


**Salmon, Trout, Char Production**

- Quantify & Reduce Electric, Carbon, Water, & Waste Footprint
- Evaluate Alternative Protein sources
- Improve Biosecurity



**Environmental Interactions**



**MBR Waste Treatment & Reclamation**



- Capture Biosolids
- Reclaim water, heat, alkalinity, salts, & proteins, but not heavy metals
- Reduce or Eliminate Point Discharge
- Prevent Greenhouse Gas Emissions

**Water Reuse Processes**



- Optimize Culture Tank Water Quality
- Determine Treatment Performance
- Improve Energy Efficiency
- Reduce Fixed & Variable Costs
- Utilize Economies of Scale