

Water Quality Workshop

Ohio State University South Centers
1864 Shyville Road, Piketon, Ohio 45661
August 6, 2016
8:00 am – 5:00 pm

Tentative Agenda

Time	Session
8:00	Registration
8:30	Explanation of the day's events; pass out evaluations
8:35	Introduction to the South Centers/Endeavor Center <i>(Dr. Tom Worley, Director of OSU South Centers)</i>
8:40	Introduction to OCARD/Genetics Lab <i>(Dr. Hanping Wang, OSU South Centers Senior Aquaculture Research Scientist)</i>
8:45	Overview of key WQ parameters necessary for fish production <i>(Matthew Smith, OSU Extension Aquaculture Specialist)</i>
9:15	Fish WQ management in RAS/aquaponics <i>(D. Allen Pattillo, Iowa State Extension Aquaculture Specialist)</i>
9:45	Plant and pest management in aquaponics <i>(Brad Bergefurd, OSU Horticulture Specialist)</i>
10:15	Break
10:30	How does poor WQ affect your wallet? <i>(Chris Smalley, OSU Business Development Specialist)</i>
11:00	Understanding your water quality analysis report from the South Centers <i>(Vinyak Shedekar, OSU Soil and Water Research Associate or Dr. Rafiq Islam, OSU South Centers Soil, Water, and Bioenergy Program Director)</i>
11:30	TBD
12:00	Lunch <i>(provided)</i>
12:30	Aquatic weed identification & treatment options <i>(D. Allen Pattillo, Iowa State Extension Aquaculture Specialist)</i>
1:00	Break into groups: Hands-on testing of key water quality parameters with HACH kits
2:00	Hands-on identification of aquatic weeds <i>Some aquatic weeds commonly found in Ohio will be available for viewing.</i>
2:45	Break into groups: Each station will have different symptoms that are related to water quality. Groups will rotate to each station. Problems will need to be correctly identified and each group will recommend a management solution.
3:45	Wrap-up, questions, evaluations
4:00	Aquaculture station and aquaponics greenhouse tour

