Event Survey

You're looking at your phone anyway, so please take our Rains to Bay survey!

tinyurl.com/SSVVRTB
Andrew (Drew) Clark

SSV Board Chair
Quick Pitches

Valley Water  AkwaMag  Gachina  Tanner Pacific
Neeta Bijoor  Tuyen Vo  Cristina Prevarin  Joel Cabrera
Get Your Business WET!
Water Efficient Technology

WET Rebate

Receive up to $50,000 for the installation of water efficient technology!
Rebate Benefits

- Modernize your facility
- Save money on your water bill
- Show your water conservation leadership
valleywater.org/wet-rebate

Neeta Bijoor, PhD
nbijoor@valleywater.org
Peculiar phenomenon: Magnetohydrodynamic
Neutralizes calcium hardness at the molecular level

CaCO₃ crystals
Calcite hardness limescale build up
Aragonite powdery non stick

Magnetohydrodynamic force induces aragonite crystallization

Performance in boiler
Without
With
Applications

Residential – Industrial – Agricultural

**Industrial:** RO with 90% less water wasted
- 90% yield: successful operation at semi, drinking
- 10% reject waste: environmentally sustainable
- Economically viable for cooling towers, boilers

**Residential:** low CoO, zero maintenance
- Positive feedback from long term customers
- High initial cost, but lowest cost of ownership
- No transporting salt bags

**Aquaponic RAS:** two crops, flexible location
- Aquaculture: faster growth, healthy ōsh
- Hydroponic: plants recycle nutritious waste
- Urban farming: Close-loop, zero water discharge

Recycle nutrient-dense waste to feed hydroponic plants
Why AkwaMag?

Designed by a magnetic research engineer

Developed for reliability: patent pending
gachina
landscape management