



Water Conditioning

Core Competencies

Salt and Chemical Free Water conditioning

- Dissolves and removes existing scale
- Prevent new scale accumulation
- Enhances filtration efficiency
- Treats bacteria and algae
- Inhibits corrosion

Additional Benefits

- Lower Risk
- Water savings
- Chemical Reduction
- Energy savings / M&V
- Reduced maintenance
- Easy Install / no cutting
- Easily achieve compliance
- Multiple applications
- Immediately effective
- Improves reliability
- Improve life-cycle
- Effective Legionella control

Critical Environmental Solutions is an exclusive, sole source distributor for *HydroFLOW-USA* // SDVOSB

Past Performance: (sole source)

1. Cooling Towers, Nellis Air Force Base, Nevada
 - Eliminated salt and chemicals / ROI (7 months)
2. Heat Exchangers, Milan Federal Correctional Institution, Michigan
 - Eliminated salt and chemicals / ROI (12 months)
3. Struvite control, City of Orlando Wastewater Treatment Plant, Florida
 - Stopped struvite scale / reduced polymer 20% / ROI (9 months)

Key Awards: For Innovation

- National Restaurant Association (2015)
- Water Environment Federation (2018)

Differentiators:

- Salt and chemical free water conditioning
- Patented / sole source / policy driven
- Trials available
- SDVOSB
- Central location / easy access to many installations
- Immediately effective / measurement and verification
- Total water management capabilities
- Certified organic / agricultural applications

Critical Environmental Solutions (CES) SDVOSB

Delaware S-corporation (2012)

CES delivers emergent technology to solve common energy, air and water challenges in the built environment. Federal and corporate policy driven product selection, environmentally friendly and practical applications.

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Testimonials

I can tell you in brief that we installed a HYDROFLOW device on one of our cooling towers about a year ago and have not utilized any industrial water treatment chemicals at all in the last 9-10 months of operation. All scale was removed by the device, there has been no bio-fouling or return of scale matter since the removal of chemicals.

James Romero
99 CES, CEOIH
HVAC/MECHANICAL/CONTROLS SYSTEMS FOREMAN

The trial period clearly showed that the HydroFLOW device was superior to chemicals at keeping the chiller / tower system clean and scale free.
George Kotselas, Trane Southwest District. Healthcare and Industrial Account Manager

DUNS # CAGE Code:
078541696 68VX5

NIACS Codes:
423720, 423830, 326191

Key Associations

