

AGRICULTURAL WATER TREATMENT SOLUTIONS



We provide remediation for fouled systems and maintenance solutions for keeping your micro-irrigation system investment running in peak condition, including:

- System troubleshooting
- Free in-depth water analysis
- Installation of system injection pump
- End of year/pre-irrigation reconditioning
- Reservoir shocks
- Filter valve troubleshooting
- Emergency reconditioning to clean out a fouled system
- Provide a maintenance program
- Monthly site visits, system audits and reports
- Distribution uniformity testing
- Water budgeting

WHAT WE DO

AvidWater offers an extensive line of maintenance and remediation products and services for your micro-irrigation system. Using our proprietary BioDrip technology, our water treatment experts, develop a plan specifically for your operation.

With a completed water analysis, our team of experts will guide you in choosing the best products for your unique water treatment needs.

Contact our experts to discuss your specific project details and learn how our water treatment solutions can help you meet your goals.



DISTRIBUTION UNIFORMITY

Using Distribution Uniformity (DU) measures how evenly irrigation water, and in many instances, chemicals are applied through an irrigation system onto a field.

While a DU of 1.00 would be ideal, economic considerations make this unattainable. A target DU of $> .92$ on a drip irrigation system is accepted as an excellent design.

While many irrigation systems are designed with a DU above $.90$, most systems operating for even short periods will typically see their DU numbers drop below $.80$. A main factor causing a dramatic reduction can be emission device plugging.

A DU below $.75$ directly leads to more water and chemical use and could result in a lesser crop. Our services keep you at the high end of distribution uniformity.

MAINTENANCE AND SERVICES

A fouled system must be cleaned before any preventative maintenance can begin. All organic and/or inorganic deposits must be removed throughout the irrigation system during the remediation process.

This critical first step will improve system efficiency immediately, preparing the platform for a successful preventative maintenance program and maximizing crop yields.

Irrigation line treatment for fouled systems can include a shock cleaning specifically designed to removed entrenched contaminates. There are many types of system fouling that can occur:

- Mineral scaling and buildup – calcium, bicarbonate, iron and manganese
- Biological fouling and buildup – bacteria, algae, etc.



FOLLOW UP MAINTENANCE PROGRAM

Once the remediation treatment has proven successful, it is recommended to continue with a maintenance program to manage risks for further system fouling. Our maintenance solutions are based on water type/source and the associated plugging/fouling risk.

Treatments are low dose and run by continuously dosing the solution to modify the water chemistry to keep the system running at peak performance. Our maintenance solutions for the following water conditions are below.

Typical Micro-Irrigation System Issues:

- Algae, bacteria growth in micro-irrigation systems
- Mineral scale and calcium buildup, plugging from iron and manganese
- Algae, bacteria growth in ponds and reservoirs





Our Name May Have Changed But Our Commitment To You Remains The Same

In 2017 two of the largest irrigation dealers, Agri-Valley Irrigation and Irrigation Design & Construction, merged their businesses. The merged companies supply unparalleled leadership in design, construction, service, and innovative Ag irrigation technology.

Agri-Valley was founded in 1983, and Irrigation Design & Construction in 2004 were family-owned businesses. They both operate with the philosophy of doing what is right for customers and the industry. As a result, the companies continue to grow daily, providing customers with the best value in the industry.

As these companies worked together over the past six years, it became clear the teams no longer worked as separate entities but as one successful dealer providing innovative solutions to customers. One of the best values of the merger was the synergies of the teams. To honor the teamwork and the rich history Agri-Valley and Irrigation Design & Construction changed its name to AvidWater.

A team of representatives from Agri-Valley and IDC selected the name. It represents both companies and celebrates their rich history while acknowledging the opportunity for more extraordinary solutions for customers due to the merger. AvidWater is excited to show customers the value of one.

AvidWater Locations

Fresno

3168 West Belmont Ave
Fresno, CA 93722
(559) 486-1412

Merced

522 S HWY 59
Merced, CA 95314
(209) 384-8494

Castroville

11455 Wood St #8
Castroville, CA 95012
(831) 632-0477

Newman

808 Merced St
Newman, CA 95360
(209) 862-4900

Bakers field

2650 Enos Lane
Bakersfield, CA 93314
(661) 588-9761

Visalia

30467 Rd 158
Visalia, CA 93292
(559) 734-1923

Woodland

37795 State Highway 16, Suite 3
Woodland, CA 95695
(530) 316-1920

Patterson

11220 Highway 33
Patterson, CA 95363
(209) 894-5184

Firebaugh

1972 N Street
Firebaugh, CA 93622
(559) 659-1007

Brawley

310 N 8th Street
Brawley, CA 92227
(855) 595-4800 Toll Free

Dos Palos

16490 Indiana Ave
Dos Palos, CA 93620
(209) 387-4500

Santa Maria

2341 A Street Bldg #17
Santa Maria, CA 93455
(805) 623-5099

Five Points

21067 S Lassen Ave
Five Points, CA 93624
(559) 884-2506

Linden

13671 E Highway 26
Linden, CA 95236
(209) 931-6407

Stockton

1245 W Charter Way
Stockton, CA 95206
(209) 466-6407