

# TREATMENT SYSTEMS & TECHNOLOGIES

Silver Bullet Water Treatment provides treatment systems and technologies tailored to each client's design, application and budget. Driven by customer needs, we custom plumb to integrate into water room designs and also develop automation control features. All projects start with an evaluation of the facility, existing water quality, and intended application to ensure proper design and installation.



TREATING WATER. BETTER.™

## ADVANCED OXIDATION PROCESS (AOP) TECHNOLOGY

The Silver Bullet AOP treatment process is designed to oxidize heavy metal, filter precipitated metal, control bacterial growth, reduce scaling, remove biofilm, clean piping systems buildup and manipulate the pH to the customers desired level.



## SMART MONITORING & CONTROL OPTIONS

The Silver Bullet Standard AOP technology may be upgraded to include SMART Technology to allow for a myriad of automation, monitoring and control functions. Features may include inline water sensors that will detect water quality metrics such as pH and hydraulic system functions (water flow, tank level sensors, and waterline pressure).



## SMART INTEGRATION WITH FARM CONTROL SYSTEM

Silver Bullet SMART systems are designed to communicate with a farm's master control system.

## LEARN MORE:

For more information or to get started with how we can help to improve your water, email us at [info@silverbulletcorp.com](mailto:info@silverbulletcorp.com) or call us at (303) 552-2383. Find us online at: [www.silverbulletcorp.com](http://www.silverbulletcorp.com).

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TREATMENT SYSTEMS  
LIVESTOCK DRINKING WATER DIVISION



*We work with poultry and hog farmers to integrate agri-tech disinfection systems, pH management, and filtration solutions to deliver the highest quality animal drinking water.*



TREATING WATER. **BETTER.**



### SMART-DOSE LIQUID DOSING SYSTEM

Silver Bullet's Self-Monitoring Analysis & Reporting Technology, or SMART-Dose automated proportional liquid dosing system, provides precise dosing control of liquid additives in dynamic hydraulic systems. The SMART-Dose system includes a programmable logic controller (PLC) that uses feedback from hydraulic sensors to apply a set dose of additives even when water flows are fluctuating. Silver Bullet's human machine interface (HMI) platform allows for user inputs to be easily adjusted and optimized based on system needs.

This SMART-Dose system is applied continuously to all sources of water and used to shock and sanitize water lines.

### FILTRATION SYSTEMS

When designing a water treatment system, removal of undesirable constituents may be just as critical as disinfection and sanitation. Filtration applications are implemented to remove solids, metals, organics, and residual products.

Silver Bullet water experts, scientists, and engineers guide our farm customers on the appropriate filter type, media, and size. Common filter types include:

- Adsorptive Media - Activated Carbon
- Sediment Media - Greensand
- Ion Exchange Media - Cation; Anion; Mixed Bed & Softeners
- Membrane Filtration - Reverse Osmosis or Nano Filtration



### COMPLIMENTARY TECHNOLOGIES

Combined processes created a more rounded, holistic water treatment solution:

- More consistent water = more consistent results
- Higher quality water = better performance, less maintenance



### **CONTACT SILVER BULLET!**

Engage with us to experience first-hand how our expertise, engineering advantage, custom designed solutions, state-of-the-art technologies, and attention to YOU, allows Silver Bullet to **TREAT WATER. BETTER.**

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**MADE IN USA**