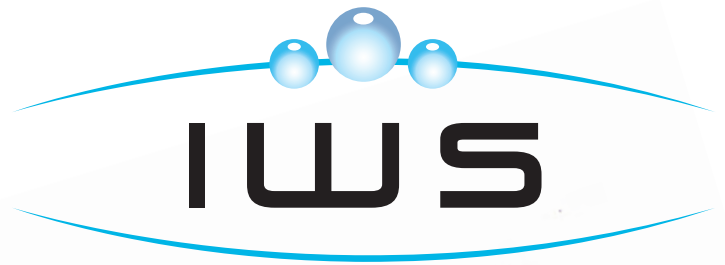


Partnering
to Develop
Safe and
Innovative
Solutions
for Your
Facilities



INNOVATIONAL WATER SOLUTIONS

With over 100 years
of experience in the
water management
industry, Innovational
Water Solutions, Inc.
delivers superior
results. We find the
right solutions for
our customers.



ADVANCED WATER SYSTEM BACTERIA CONTROL





ADVANCED WATER SYSTEM BACTERIA CONTROL

The **XIMAX** system is designed and built by IWS to deliver precise treatment dosing of **XZIOX**® as required for your operations, to increase crop health, faster speed to market, and ROI.

Installed at thousands of sites, The **XIMAX** system is successfully eliminating the biofilm and bacteria in water systems and drinking lines.

IWS will conduct a free site survey to determine what size system and dosing is required for your water and livestock. The **XIMAX** system can be used in all water sources and systems.

When possible, **XIMAX** systems are installed during livestock turnarounds. We also perform a full flush of the drinking lines, sight glasses, and misters.

IWS certified engineers do regular monitoring as well as fast service when needed.

XIMAX SYSTEM BENEFITS

- Elimination of Biofilm
- Significant Labor Reductions from Reduced Flushing
- Increase in Livestock Water Consumption for faster ROI
- Operates Automatically on system pressure and flow
- Can be connected to SMS alarm system
- >99.9% efficient

Installed by
trained and
certified
engineers



INCREASING YOUR PRODUCTIVITY THROUGH
PROVEN EFFECTIVE WATER MANAGEMENT



INNOVATIONAL WATER SOLUTIONS

IWS develops the most **COST EFFECTIVE** ways to keep your water at the highest standards, with customized systems to maximize treatment usage. **XZIOX®** has undergone extensive testing to exceed regulatory standards of HACCP, HSWA, COSHH, and NSF.

IWS Engineers will thoroughly train your staff on operations and necessary health & safety protocols to ensure that everyone on site is comfortable with the use and functionality of the XIMAX System.

FILTER PIPING



BEFORE



AFTER

DRINKING WATER



BEFORE



AFTER

BENEFITS INCLUDE

- Improvement in FCR
- Increased growth rates - Faster ROI
- Lower mortality
- Significantly reduced antibiotic use
- Drier litter
- Improved gut health
- Reduction in days to processing
- Reduced or no hock marks or breast burning

Contact us
for a free
site survey!



BACTERIA RESULTS WITH XIMAX SYSTEM INSTALLED:

	INCOMING WATER SUPPLY	END OF LINE PRE XZIOX®	END OF LINE POST XZIOX®
COLIFORM	0	15	<10
E. COLI	0	15	<10
PSEUDONOMAS	0	0	<10
TVC 37°C	0	2,200	<10

Post-installation, with results taken after approximately two weeks of chicken growth. The water samples all fell within acceptable levels, as confirmed by Crowshall Vets analysis, and TVC levels were reduced by 99.5%!

CROP RESULTS:

	PRE XZIOX®	POST XZIOX®	IMPROVEMENT
CHICKEN GRADE	Between 2 and 3	1	Crop Graded 1
WEIGHTS	Approx. 2 days behind Ross standard	3 days ahead of Ross standard, only 10% thinned	5 day improvement in growth rate
USE OF ANTIBIOTICS	60 vials per crop	12 vial used as a precaution	48 fewer vials
MORTALITY	>9%	<3%	6% equating to an increase in profits

CROP OBSERVATIONS

CROWN POULTRY - DUNCAN FARM:

In addition to the above results, the site manager and vets made the following observations since the introduction of the **XIMAX** system:

- No hock markings in the crop
- No breast burning • Drier litter

RESULTS FOR ALL PHASES OF GROWTH



APPROVED BY THE
SECRETARY OF STATE FOR USE IN
PUBLIC WATER SUPPLIES



APPROVED UNDER
REGULATION 31 OF THE WATER
SUPPLY REGULATIONS 2000

CONCLUSION:

Since the installation of the **XIMAX** system, the crops have benefited from the following improvements:

- Bird health has improved, resulting in better grading
- 70% reduction in mortality
- 80% less antibiotic use per crop
- Significantly drier litter
- Improvements in bird weight resulting in less thinning and an increase in profit
- No FPD
- No hock marks
- No breast burning



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