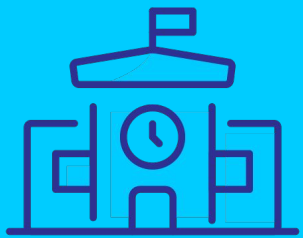




THE JUST ADD WATER  
SANITIZING SPRAYER



# CASE STUDY



## *WAAV Chemical-Free Sanitizing* **FOR SCHOOLS**



Zero Waste  
Many Use.™

[waavit.com](http://waavit.com) | [zeromany.com](http://zeromany.com)



U.S. GREEN  
CHAMBER OF COMMERCE  
MEMBER





THE JUST ADD WATER  
SANITIZING SPRAYER

## Case Study

# WAAV Chemical-Free Sanitizing FOR SCHOOLS

# CASE STUDY

## COVID-19 IN SCHOOLS vs. TOXIC CHEMICALS IN SCHOOLS

*Why is this even a choice we are forced make?*

### Swapping worries? No, just WAAV them all away.

Parents & leaders around the world know we need to get students back to school. But having them enter our school facilities again is the beginning, not the end, of our challenge. We need to get students back to discussion, laughter, wonder - and introspection. They need more than unlocked doors. They need space to learn.

So they need space where the spread of COVID-19 (along with countless other viruses and bacteria) has been minimized, where rooms are cleaned powerfully and constantly so students don't live in constant fear of contracting coronavirus.

**But as we address the risk COVID-19 presents to students, what new risks are we introducing to them?** This year, poison control call centers have experienced a dramatic spike in calls related to cleaners and disinfectants, according to the CDC. From January through March, in parallel with the rise of COVID-19, these centers received **45,550 exposure calls related to cleaning products** — an increase of 20.4% from 2019 and 16.4% from 2018.

It's fair to wonder how many cleaner-related health issues will develop at schools this year. Cleaning that had always been a facilities manager's duty at the end of the day in an empty building will now be a teacher's problem several times per day with students present. We have to ask ourselves what unintended consequences we introduce as we rely increasingly on flammable, toxic, chemical-laden bottles in rooms filled with our cherished youth.



- “Will my child’s asthma be triggered by cleaning products in her classroom?”
- “What if my young kid gets cleaning solution in his eyes?”
- “What happens if a teacher leaves out cleaner and my son ends up drinking toxins?”
- “What if this constant, heavy cloud of cleaners leads to my kid getting cancer?”
- “If my daughter gets headaches from all of these rooms doused with chemicals, how is she supposed to focus?”

*So many of our “solutions” only raise more questions for parents.*





THE JUST ADD WATER  
SANITIZING SPRAYER

## Case Study

# WAAV Chemical-Free Sanitizing FOR SCHOOLS

Why does sending our children back to school force us to trade one worry for another? Why choose between safety from bacteria/viruses - and safety from damaged eyes, skin, and lungs? Why raise more questions and spark more concerns? Why not just WAAV them all away?

Meet



THE JUST ADD WATER  
SANITIZING SPRAYER

## The Why.

WAAV was created in 2019 to move people away from chemical-based cleaners and toward ozone water—a safe, natural cleaner **proven to kill 99.99% of germs†**. Our stance is that everyone, including teachers and students, deserves to live free from infection as well as skin irritants, asthma triggers, nauseating scents, and cancer risks. We can fight everyone's biggest present worry - without giving them new reasons to fear.

Let's get back to school, absolutely. Better yet, let's get back to learning. Let's create space to wonder, discuss, play, aspire, and laugh again, **worry-free**.

## Many Rooms, One Solution

Want to clean your science labs and cafeteria tables with the same solution? Go ahead, WAAV them.

WAAV's sanitizing solution is an FDA-recognized anti-microbial agent for use on non-porous surfaces and safe on anything that can get wet. It's even allowed by the USDA for direct contact with – and in organic food. It's the all-around cleaner for every classroom, every extracurricular, and every student.



KILLS 99.99% OF GERMS†

†When used as directed.

# CASE STUDY

# SANITIZE *Safely* WITH STUDENTS PRESENT

## ! IMPORTANT COVID-19 STATEMENT & LAB TESTS

All claims pertaining to COVID-19 are highly regulated by the EPA. Under EPA rules, we are not legally permitted to make a kill claim on COVID-19. However, there have been numerous scientific studies that demonstrate ozone's ability to destroy SARS coronavirus, which is nearly identical in structure to the new COVID-19 virus. This is provided for informational purposes only. **Read More...**

FULL COVID-19  
STATEMENT >  
[waavit.com/covid](http://waavit.com/covid)

VIRUS & BACTERIA  
LAB TESTS >  
[waavit.com/lab-tests](http://waavit.com/lab-tests)

## WAAV HIGHLIGHTS

- 100% non-toxic
- 100% chemical-free
- 100% safe around children
- 30 second kill time for most harmful pathogens
- On-demand, just add water
- Safe if accidentally splashed in eyes or on skin
- No wipe required
- Ozone water is an FDA recognized antimicrobial agent
- Ozone water is a USDA Organic allowed ingredient in organic food, or food contact surfaces
- Portable, super user-friendly!
- Desks
- Chairs
- Door handles
- Railings
- Cafeteria tables
- Drinking fountains
- Restrooms
- School bus interiors
- Gym equipment
- Locker rooms
- Helmets
- Mouth guards
- Band instruments
- Art supplies
- More...

“What can we  
WAAV in our  
schools?”





Case Study

WAAV Chemical-Free Sanitizing  
FOR SCHOOLS

# CASE STUDY

## DESK & ROOM SANITIZING *between* CLASSES

### Beat the Clock with WAAV

*You have a math problem, but we can help you ace it.*

Leading cleaners require 4 to 10 minutes to set before they reach 99.99% effectiveness after being applied. What does that mean for schools? In buildings in which students switch rooms from class to class, the gap between periods is traditionally 5-6 minutes. There's our trouble. **How is a teacher expected to disinfect 20-30 desks in that time if the final desk cleaned still needs its disinfectant to set for another 10 minutes?**

But wait, the equation gets trickier. With chemical cleaners, a teacher must wipe lingering residue from all desks before the next class files in. We can't have students setting books, backpacks, and hands onto cleaning substances that warn clearly of contact risks. **So how long does it take to clean 20-30 desks if the final desk disinfected needs up to 10 minutes to set and the teacher needs to circle back through all desks to cautiously wipe them? Between spraying, setting and wiping – it could be as much as 18.2 minutes!**

Our teachers are superheroes and rock stars, yes. But even they can't do 10-18 minutes of cleaning in 5 minutes, nor should they feel responsible for **students getting harmful chemical residue on their their skin.**

Put teachers' minds at ease. Let them WAAV their rooms between classes. **WAAV reaches 99.99% effectiveness in just 30 seconds and doesn't necessitate a second walk-through of cautious wiping.** If WAAV water is still on desks when the next class walks in, that's fine—WAAV is 100% non-toxic and safe for anyone, from kindergarteners to seniors, to contact. #WAAVIt

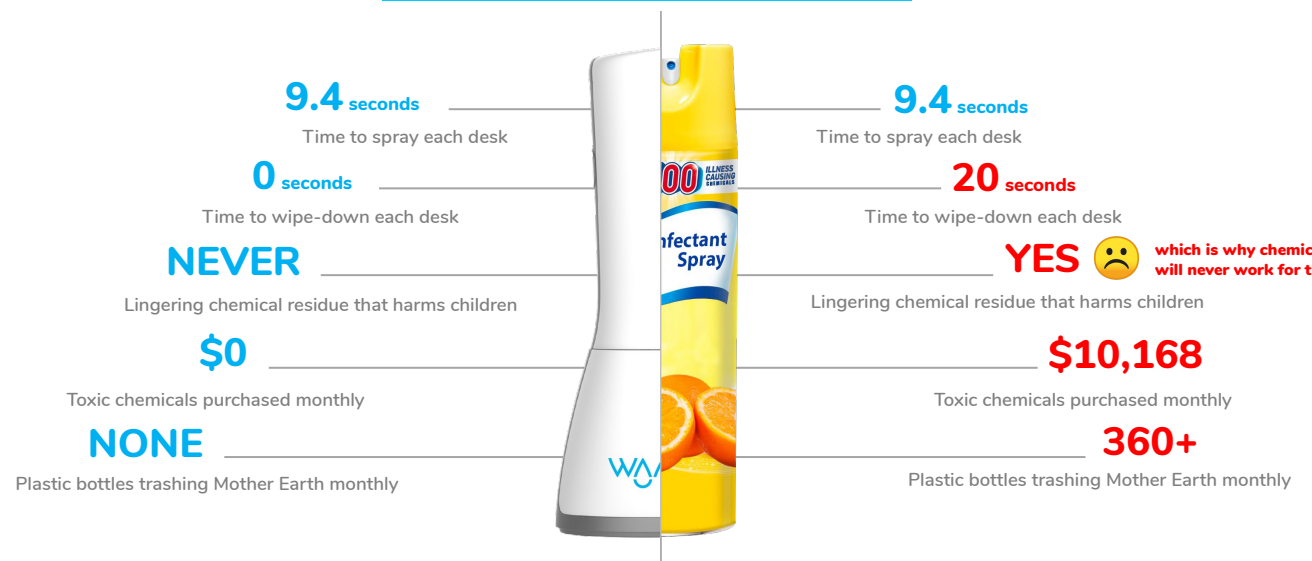


### CLASS IS IN SESSION

Here's a look at how WAAV compares to leading chemical-heavy products in a "between-class desk sanitizing procedure."

Watch the Demonstration

<https://youtu.be/xjx122ror9o>



Based on a classroom of 30 desks.  
Monthly totals based on 8 periods per day, and 1,200 students.



THE JUST ADD WATER  
SANITIZING SPRAYER

## Case Study

# WAAV Chemical-Free Sanitizing FOR SCHOOLS

# CASE STUDY

**CREATE**  
*High Volume +  
High Concentrate*  
**OZONE WATER INSTANTLY**

Meet



**HiFlow**

THE HIGH VOLUME  
OZONE WATER GENERATOR

2.6 Gal  
per Minute

## Replace up to 76% of ALL Toxic Cleaners on Premise

The WAAV HiFlow unit is your answer to being able to #ConvertToWAAV in cost-effective and high impact manner. Our highly compact on-demand ozone water generator (the size of an old-school radio!) produces over 2.6 gallons per minute of NON-TOXIC sanitizing solution that's 300x more powerful - and 20x faster acting than bleach! Fill up spray bottles, mop buckets and more - and sanitize SAFELY for the next 24 hours. The solution will continue to act as a powerful oxidizing cleaner for up to 5 more days thereafter.

### How Many WAAVs Do We Need?

#### WAAV Sprayer



- 1 - for every classroom
- 5 - for every lunchroom
- 1 - per jan/san cart
- 2 - per high-touch common area (ie. Office, sign-in station, librarian desk)

#### WAAV HiFlow



- 1 - per jan/san closet

## Super Complex 3 Step Install Guide

- ① Mount.
- ② Attach water in.
- ③ Plug in.

— *Yep. That's it.* —



Replace your toxic mop bucket chemicals with WAAV's chemical-free ozone water, known to improve friction and reduce slips & falls.



Fill spray bottles, and clean with ozone water, approved by many hospitals to replace over 75% of current, toxic cleaners.



Carry out high volume cleaning, sanitizing, deodorizing & disinfecting by filling backpack sprayers with ozone water - not toxic chemicals.



Wash tools, instruments and contaminated goods in your service sinks while dispensing powerful sanitizer right from your WAAV HiFlow.

### Study Results \*

- NO PPE NEEDED
- NO SKIN, BREATHING OR SCENT IRRITATION
- REPLACE UP TO 76% OF TOXIC CHEMICALS
- KILLS 99.99% IN 30-SEC
- 90% WATER SAVINGS
- 83% REDUCTION of shipped-in PLASTIC BOTTLES and 72% CARDBOARD containers



KILLS 99.99% OF GERMS†

†When used as directed.



USES THE SAME PATENTED  
BLUE DIAMOND TECH AS OUR  
HAND-HELD SPRAYER, WHICH  
MEANS NO OZONE  
OFF-GASSING

\*According to the "Safer Chemicals Best Practices Case Study #3" conducted by The Canadian Coalition for Green Health Care.



## Case Study

### WAAV Chemical-Free Sanitizing FOR SCHOOLS

# CASE STUDY

## THE WAAV *Cleaning & Sanitizing* FIELD TEST

### THE INDEPENDENT *cleaning & sanitizing* TEST

Ohio's public-school districts, faces challenges familiar to school districts around the world. School administrators hear often from residents who want answers amid uncertainty. How will schools reopen safely? How will we give students a normal learning environment again? Administrators and their supporting staff know they need to address these questions with answers, and soon.

To help answer some of these questions, John Pardee of Pardee Environmental Services conducted an independent assessment of WAAV's efficacy at several locations in Ohio, including an actual school. Pardee chose to use an ATP test to judge WAAV's ability to clean & sanitize. The additional locations found in his report include a gym, medi-spa and restaurant.

At the school, a sink handle in a student restroom showed a pre-WAAV reading of 612 RLUs (a measure of organic material present), but two minutes after using WAAV, it was down to 8 RLUs. On a counter in a study hall location, Pardee's readings went from 457 RLUs down to 9 RLUs in just 30 seconds.

Among the most stunning, Pardee tested a laminated desk in one of the classrooms, a location where students will spend most of their time. It was critical that WAAV could prove its effectiveness on these surfaces. A desk with an initial reading of **6,117 RLUs** was sprayed with WAAV and allowed to dwell for **only two (2) minutes**. In that short period of time, it was **down to 2 RLUs**.

With so much at stake for our schools and our youth, Pardee's assessment of WAAV's ability to be a highly effective cleaner and sanitizer was straight to the point:

#### *Where Does Ozone Fall Short?* **We call it the 76/14 rule!**

Studies have proven that ozone water can replace **UP TO 76% of ALL** toxic cleaning chemicals in most facilities. That said, ozone water is **NOT** an effective degreaser, which includes soap scum (to many folks amazement!). For this reason, you'll still need to maintain an inventory of degreasing products. We're sorry!

#### ATP SURFACE SANITIZATION FIELD TEST REPORT



WAAV AQUEOUS OZONE SPRAYER

PREPARED BY:



JULY 2020

**READ THE ATP TEST >**

[waavit.com/atp-test](http://waavit.com/atp-test)



"I feel it's superior to traditional chemical cleaners. Not only with respect to its efficacy, but due to its overall safety profile relative to human exposure and the environment."

- John Pardee, Pardee Environmental Services



**WAAV IS  
1/15<sup>th</sup> THE COST  
OF TRADITIONAL CHEMICALS**

With School Budgets under pressure like NEVER before...  
WAAV is a NO BRAINER for Education.



THE JUST ADD WATER  
SANITIZING SPRAYER

## Case Study

# WAAV Chemical-Free Sanitizing FOR SCHOOLS

# CASE STUDY

# THE SCIENCE BEHIND WAAV

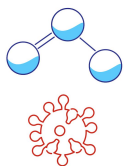
## THE SCIENCE in 3 Easy Steps

Ozone water, or aqueous ozone (AO), is 100% chemical-free, made of just water and electricity. It's been used successfully as a disinfectant in hospitals and industrial applications for over 90 years. Here's how it works:

1

### Ozone (O<sub>3</sub>)

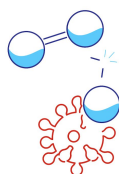
Created by WAAV on demand through the electrolyzation of only tap water, ozone is simply three (3) oxygen atoms bound in water.



2

### Kills Germs on Contact!

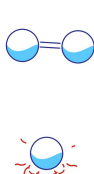
Upon contact with a germ or virus, one of the oxygen atoms detaches from the group and destroys the cell wall of the germ/virus - killing it!



3

### Back to Oxygen! (O<sub>2</sub>)

The ozone molecule is now back to being good, old-fashioned oxygen (O<sub>2</sub>) - which simply floats away!



Yay! I'm free to just be me!

WAAV *Yep, it's the REAL deal.*

THE TECH BEHIND WAVE AND OZONE WATER IS FEDERALLY AND INTERNATIONALLY RECOGNIZED.

Ozone water ("aqueous ozone") is recognized by the FDA, EPA, USDA.



Ozone is an FDA-recognized antimicrobial cleaning agent.  
[waavit.com/fda-aaa](http://waavit.com/fda-aaa)



Ozone is FDA-permitted to add directly to human food, affirmed as safe.  
[waavit.com/fda-gras](http://waavit.com/fda-gras)



WAAV is an FDA-registered disinfectant, medical device  
[waavit.com/fda-waav](http://waavit.com/fda-waav)



USDA-allowed ingredient for use in/on organic food.  
[waavit.com/usda-organic1](http://waavit.com/usda-organic1)



USDA-allowed for use on organic food surfaces.  
[waavit.com/usda-organic2](http://waavit.com/usda-organic2)



Ozone (gas) is an EPA-recognized disinfectant.  
[waavit.com/epa-ozone](http://waavit.com/epa-ozone)

## OTHER OZONE FACTS



**"Ozone is THE MOST efficient disinfectant for all types of microorganisms."**

— World Health Organization  
[waavit.com/who-ozone](http://waavit.com/who-ozone)



**Hydrogen peroxide is TOXIC, not a safe alternative to ozone water.**

"Hydrogen peroxide can be toxic if ingested, inhaled, or by contact with the skin or eyes."

— National Institute of Health  
[waavit.com/toxfaqs-h2o2](http://waavit.com/toxfaqs-h2o2)



**Ozone is frequently added to water during the bottling process to disinfect.**

"Ozone may be added to water during the bottling process as a disinfectant to inhibit growth of harmful microorganisms."

— Health Canada  
[waavit.com/ozone-bottled-water](http://waavit.com/ozone-bottled-water)



**WAAV takes only 30 seconds to achieve the same results as bleach, making it 20X FASTER.**

"Bleach must sit for at least 10 minutes to disinfect."

— National Institute of Health  
[waavit.com/ao-20x-faster](http://waavit.com/ao-20x-faster)

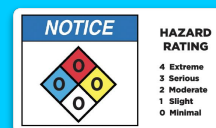


**"Each year, about 6 out of every 100 professional custodians are injured by the chemicals they use to clean, sanitize, and disinfect."**

Green Cleaning, Sanitizing, and Disinfecting: A Curriculum for Early Care and Education.

— U.S. E.P.A.  
[waavit.com/acece](http://waavit.com/acece)

COMPLIANT WITH STRICT  
MANUFACTURING  
REGULATIONS



Read Aqueous Ozone's "Perfect Zero" & 100% NON-TOXIC SDS Here >  
[waavit.com/ao-sds](http://waavit.com/ao-sds)





## Case Study

# WAAV Chemical-Free Sanitizing FOR SCHOOLS

*a league of its own...*

**Cleaner, Safer, Faster, and More Powerful** than some of the **HARSHEST** chemicals and the "GREENEST" cleaners.

Here's how your WAAV Sanitizing Sprayer stacks up. Time to start thinking about what harmful chemicals you want to replace first!

Time to

[#ConvertToWAAV](#)

	WAAV	Disinfecting Wipes	Bleach	Disinfecting Sprays	Sanitizing Sprays	Data Disinfectants	Traditional Cleaners	"Green" Cleaners
	Ozone Water	Alcohol Sanitizers, Bleaches, Wipes, & Chloride Sprays	Detergents	All-Purpose Cleaners				
Won't Damage Fabric Colors	✓			✓	✓	✓	✓	✓
Deodorizes	✓	✓	✓	✓	✓		✓	✓
Disinfects	✓	✓	✓	✓	✓			
Sanitizes	✓	✓	✓	✓	✓			
Safe to Accidentally Splash in Eyes	✓							
Safe on Foods	✓							
No Rinse/Wipe Needed	✓							
No Allergens	✓							
100% Chemical-Free	✓							
100% Water & Oxygen	✓							
100% Worry-Free	✓							
Contains Skin Irritants		✓	✓	✓	✓	✓	✓	✓
Contains Respiratory Irritants		✓	✓	✓	✓	✓	✓	✓
Contains Preservatives		✓	✓	✓	✓	✓	✓	✓
Contains Fragrances		✓	✓	✓	✓	✓	✓	✓
Contains Harmful Dyes		✓	✓	✓	✓	✓	✓	✓
Flammable				✓	✓			
Corrosive		✓	✓	✓	✓		✓	✓
Toxic		✓	✓	✓	✓	✓	✓	✓

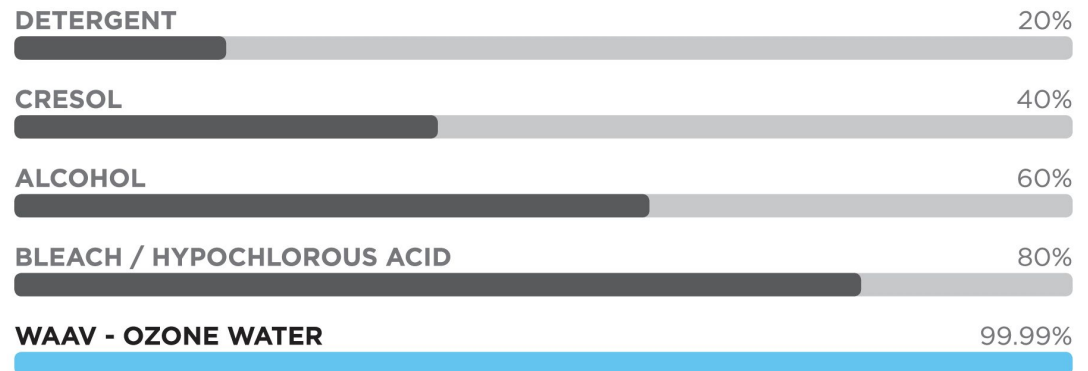
# CASE STUDY

# THE RESULTS ARE IN

## THE FASTEST KILLING SANITIZER IN EXISTENCE

*Did we mention it's  
100% NON-TOXIC?*

SANITIZING RATES **IN JUST 30 SECONDS**



Certified lab tests prove 30 seconds or less to kill these common, harmful pathogens:

Fungi / Yeast Infection	C. Diff	UTI & Other Infections	E. Coli	Listeria	Melioidosis & Glanders	Salmonella	Staph Infection
Candida Albicans	Clostridium Difficile	Enterococcus Faecium	Escherichia Coli	Listeria Mono-cytogenes	Pseudomonas Aeruginosa	Salmonella Enteritidis	Staphylococcus Aureus

View the lab reports here >  
[waavit.com/lab-tests](http://waavit.com/lab-tests)

...and the INSANELY long list of other pathogens susceptible to ozone!







THE JUST ADD WATER  
SANITIZING SPRAYER

## Case Study

# WAAV Chemical-Free Sanitizing FOR SCHOOLS



Family  of Companies  
DRESON  
INTERNATIONAL INC.



zero many®

MARADYNE

ULTRATHIN®

DCM

FAZ

RECON-  
NOM

HOTCARDS®

## GET Your WAAV TODAY

[waav@zeromany.com](mailto:waav@zeromany.com)

### OUR MISSION:

“Convert the world from  
toxic cleaning chemicals,  
to WAAV.”

#ConvertToWAAV



  
**NO** **CHEMICALS.  
TOXINS.  
WORRIES.  
BRAINER.**

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