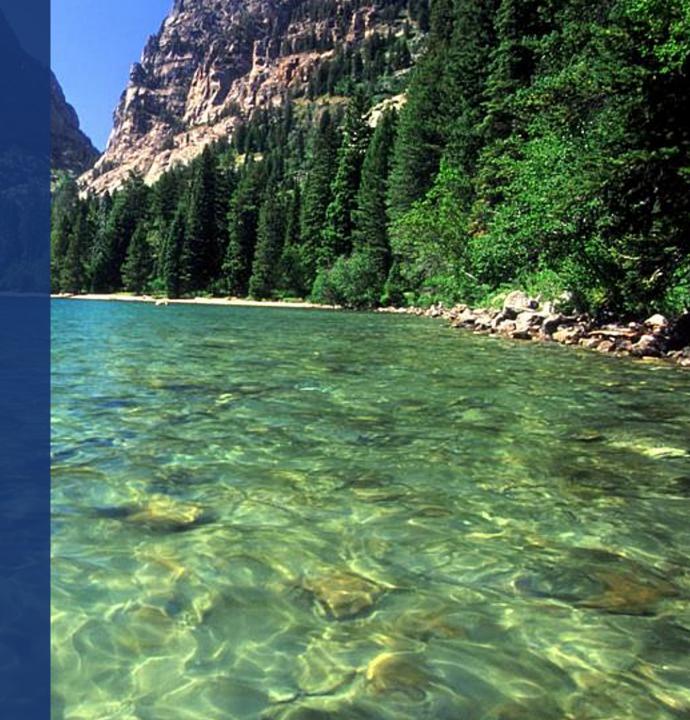


WaterIQ Technologies &

Carly Dana, Technical Advisor Jordan Meissner, VP of Lake and Pond Division



WaterIQ's Team



Lawrence FieldFounder and Chief Executive
Officer



Devon AssaelChief Revenue Officer



George Hutchinson
Chief Technology Officer



Jordan Meissner
Vice President of Lake and
Pond Division



Thomas Park
Chief Marketing Officer



Our Scientific Advisory Board



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(retired) at CCS – Texas
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Dra. Viviana
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Researcher Environmental
Science, Phytoplankton and
Phytobenthic Lab. Centre
EULA. University of
Conception, Chile



Dana TaylorPrior Owner of Sonic
Solutions Algae
Control LLC



Dr. Enrique Mora HerediaLimnologist and Director – Ecotone
Analysis and Water Quality Lab.



Our Board of Directors



Lawrence FieldFounder and Chief Executive
Officer



Vishal Sunak
CEO and Founder of
LinkSquares



Tom Kalishman
Chairman and CEO of
SAK Construction

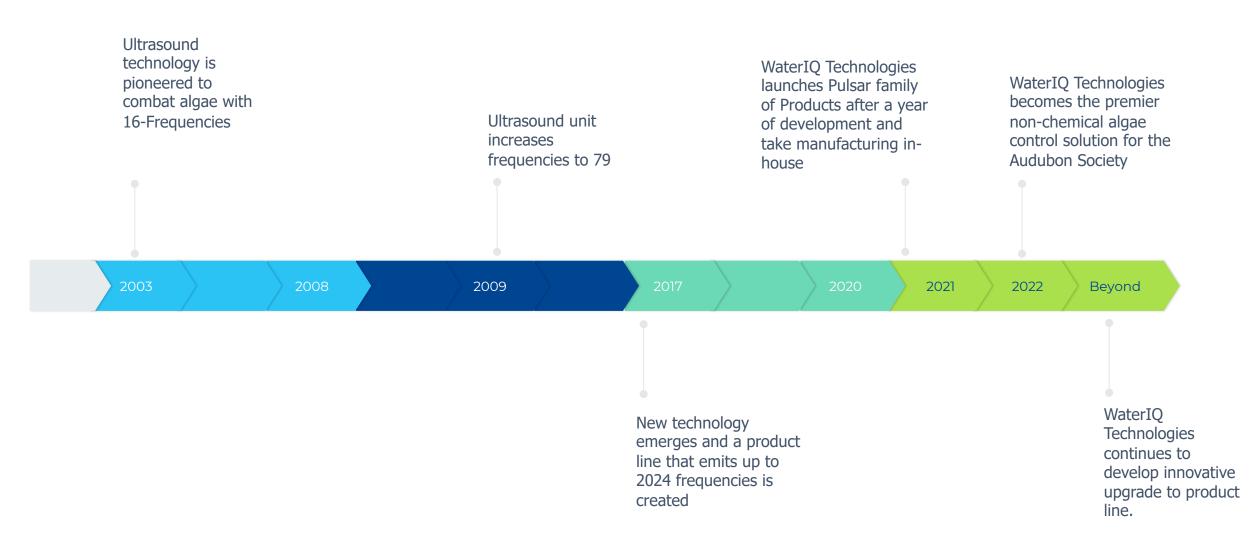


Edgar D Jannotta, Junior Private Equity Executive



J. Patrick LupoFormer Chairman and CEO of DHL Worldwide Express

Ultrasound Timeline



We kill algae with technology....

not chemicals



Impact by Algae Type

Blue-Green
Ultrasonic waves cause
the gas vesicles to
collapse, the gas
migrates to outer cell
wall, diffuses out causing
the algae to drop out of
light where it dies

Gas Vesicles Pulsar 4000™ Ultrasonic Soundwaves will not burst outer cell wall and release cyanotoxins.

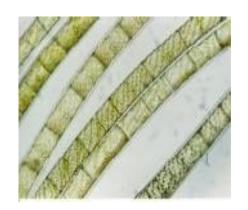
No Lysing – Algae Cells do not rupture in this process, so cyanotoxins are not released.

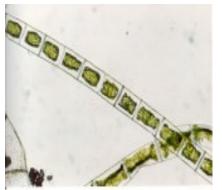
Allows Beneficial Bacteria to Thrive

– Algae degrades in an
environment that does not promote
nutrients to be reintroduced to the
water column

Green

Ultrasonic waves cause the internal cell walls to break, interfering with their fluid transfer, while expediting the death of the algae cell.







Capabilities of Units

These units are all line-of-site, meaning that we must be able to see what we are trying to impact. Irregular shaped ponds may require multiple units.

Pulsar 4000+

- Green Algae
 - (17.5-acres)
- Blue-Green Algae
 - (120 -acres)
- Biofilm prevention
 - (2.8 acres)

Pulsar 3000+

- Green Algae
 - (10-acres)
- Blue Green Algae
 - (60-acres)
- Biofilm prevention
 - (1.6-acres)



Capabilities of Units

Solar Raft Options

Sentinel AIQ

- Same Range as the Pulsar 4000+
- Self-reliant, solar powered system.

Sentinel AIQ+

- Same Range as the Pulsar 4000+
- Self-reliant, solar powered system.
- Water quality monitoring
 - Phycocyanin
 - O DO.
 - ORP
 - Turbidity
 - Chlorophyll A
 - O pH
 - Conductivity
 - Temperature



Positive Impact: Changing the Game

Fights Algae 24/7

- Truly a preventive approach to managing algae
- Fights algae as it develops.

Offer a premium "green" service

- Competitive advantage
- Support organizational and societal initiative to reduce ecological footprints

Creates happier customers

- Limit requests for service
- Reduce complaints
- Improve waterbodies
- IoT enabled units allow for proactive action and communication.

Kills Algae w/out Killing the Bacteria

- Allows beneficial bacteria to flourish
- Minimal toxins and nutrient released back into the water column

Supports irrigation pumps and lines

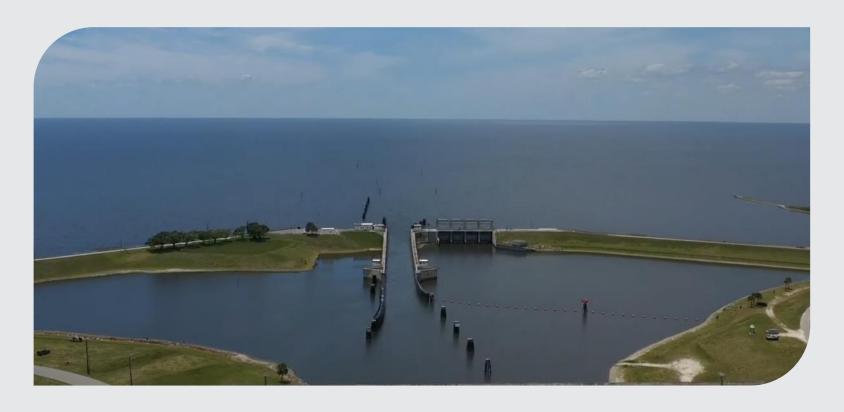
 Reduces clogged pumps and irrigation lines, saving you labor time.



Additional Benefits



Lake Okeechobee Research Project – Port Mayoca, Florida



H. Dail Laughinghouse IV, Ph.D.

Asst. Professor & State Extension Specialist – Phycology/HABs Fort Lauderdale Research and Education Center University of Florida / IFAS 3205 College Avenue, Davie, FL 33314

Office: 954-577-6382. hlaughinghouse@ufl.edu

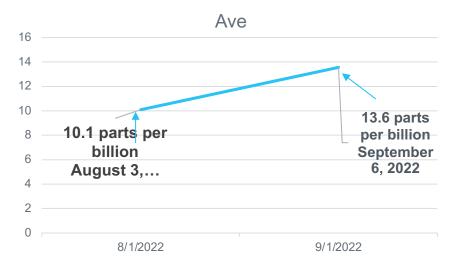
https://flrec.ifas.ufl.edu/faculty/h-dail-laughinghouse/

@algae_slayer

Florida Research Project Results

Two equally controlled settings, one with a Pulsar 4000™ and one without. The mesocosm with a Pulsar™ saw a 65% reduction in Blue-Green Algae, while during the same timeframe, the mesocosm without an ultrasound unit saw a 34% increase in Blue-Green. No zooplankton were impacted by the ultrasound unit

Blue-Green Algae as Measured in Parts per Billion (PPB) in Placebo Tank

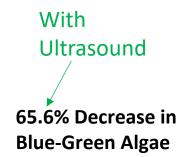


Without
Ultrasound

34.3% Increase in
Blue-Green Algae
in Placebo

Blue-Green Algae as Measured in Parts per Billion (PPB) in Active Tank





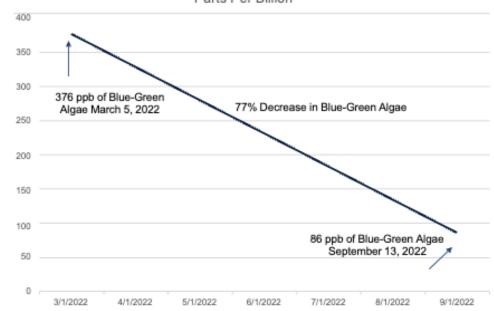


Case Study: Lake Yahuarcocha – Ibarra, Ecuador

As a strategic part of our city revitalization initiative, ve've installed a number of ultrasonic floatation ystems to remove harmful algae from our beautiful aguna de Yahuaricocha" — Andrea Scacco, Mayor of barra, Ecuador



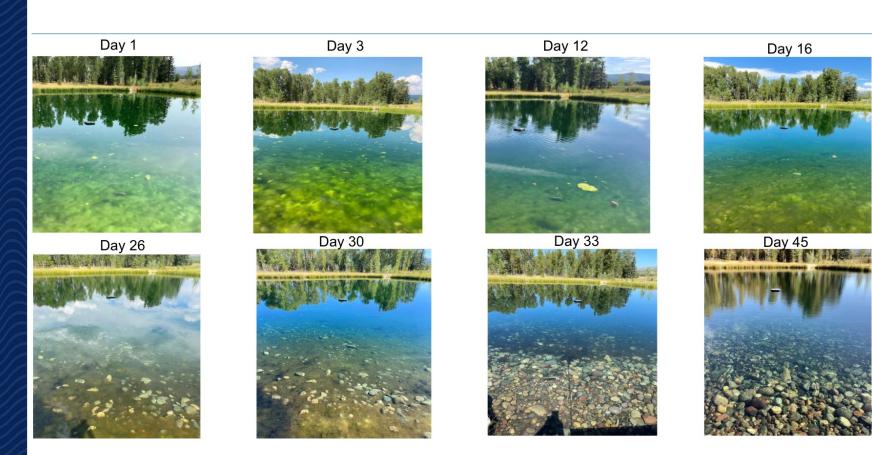
Blue-Green Algae Count Parts Per Billion





Time Lapse:

Private Resident in Wyoming

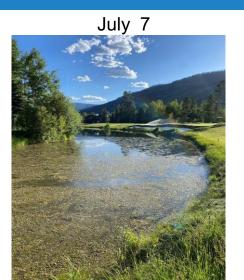






Time Lapse Photography of a Pulsar 4000 on 18th Hole At Teton Pond in Wilson, WY with Spirogyra Covering the Bottom of the Water





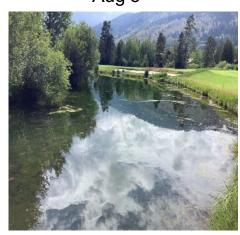
Aug 2



July 12



Aug 5



July 21



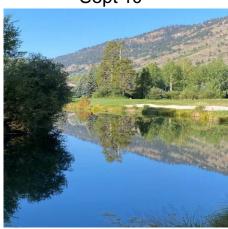
Aug 27



July 28



Sept 10



Ginger Cove Results 2023

- 3 Sampling locations
- 1st round of samples collected in April
- 2nd round of samples collected in August
- Cyanobacteria (Blue-Green Algae) Impact:
- Results:
 - Cove 1: -97% Decrease in Cyanobacteria levels
 - Skinny River: -85% Decrease in Cyanobacteria levels
 - Main Lake East: -92% Decrease in Cyanobacteria levels



Hawaiian Village Ultrasonic System Map



Nebraska Lakes with Water IQ Systems

- Ginger Cove- 3 years
- Timber Lodge- 4 years
- Valley Shores- 5 months
- Blue Water- 3.5 months
- Timber Shores- 3 months
- Curtis Acres- several months
- Riverside- 1.5 month
- Eagle Woods- 1 month
- Willow Bend- 1 month
- Woodcliff (Fishing Lake)- new
- Beaver Lake- considering



Nebraska Lakes' Testimonials

Ginger Cove, NE: went from 18" clarity 4 yrs. ago to 6-8 ft avg. in 2023. "If a bloom starts it knocks it down within 24-48 hrs." "Residents are very happy." "Had curly leaf pond weed prior to treatment, still have to treat that with herbicide. No new aquatic weeds/grasses."

Valley Shores, NE: 46 acres, next to golf course, 100 homes, sand bottom, 12' avg depth, 40' deepest point, installed end of April 2023. "I get compliments all the time." "Lake is clearer than its ever been (lived there since 2016)." "Saw the start of a bloom one day in early June, the next day it was gone; nothing since." "Very happy with it." "Have had no problems at all." "Had sagel pond weed prior to treatment, in some areas it has maybe extended another foot into the water, but can be raked up by residents and dies by end of June due to the heat." "No new aquatic weeds/grasses."

Lake Cupsaw, NJ: 65 acres, heavily wooded. "We see record clarity, avg. 5-7' all summer, not a single bloom. First year since 1960." "Water gets clearer every year used." Did not experience increase in rooted vegetation.



FAQS

How long can I expect to wait for results?

- Blue-Green Algae (cyanobacteria, microcystis, etc) generally takes 7-14 days to get under control
- Green Algae (Spirogyra, Ultotrix, etc) generally take 3-4 weeks, more complex can take up to 3 months. Depends on how mature the algae bloom is when units are installed.
- Early season installations can be preventative

Is Ultrasound effective on all types of algae?

WIQ units are effective on ~95% of the algae we have tested over the past 18+ years. There are over 2 million species and subspecies of algae, an not all of them have been tested. WIQ has uncounted a handful of algae that ultrasound does not impact well, and therefore we request that an algae ID be performed prior to installation.

What happens to the algae when it starts to die?

Ultrasound is effective not only in affecting the current algae in the water, but
also in preventing additional algae growth by inhibiting its reproductive cycle.
The affected algae in the water column will start to drop out of sunlight, where it
will effectively starve and become a food source to beneficial bacteria.

Will Ultrasound allow for lysing of the cell?

 No, Ultrasound does not burst or rupture the algae cell. The sound waves gently implode the cells, causing them to sink out of sunlight, without disrupting the outer cell wall.





Thanks! Any questions?

You can find me at:

Carly Dana: Technical Advisor

Jordan Meissner: Vice President

