

SonicPure

Sustainable Algae & Biofilm Control

Agriculture

Drinking Water

Waste Water

HOA

Golf

Aquaculture

Industrial



Precision Algae and Biofilm Targeting



Before



After

Our 4,400 ultrasonic frequencies precisely target harmful microorganisms including green algae, golden algae (*Prymnesium parvum*), cyanobacteria (commonly known as blue-green algae), dinoflagellates, and biofilm.

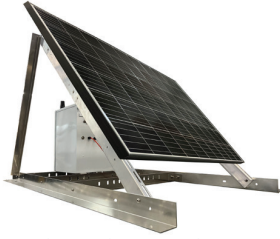
SonicPure is the leading supplier of solutions that prevent and combat algae using advanced ultrasonic technology, restoring water to its natural state quickly and sustainably without the use of harmful chemicals.

The Pulsar represents the next-generation in ultrasonic defense systems designed for prevention, performance, and reliability. Our systems operate 24/7, provide telemetry and cloud connectivity to enable real-time monitoring of operational performance and water quality.

[SonicPure.com](https://sonicpure.com)



Options



Shoreline Solar

Ideal power option where local power is inaccessible



Sentinel and Sentinel AIQ+

Large applications where power is inaccessible and cables are prohibitive



AC Power Hub

Shore based power supply for applications where AC power is available
120v/240v, 24vDC



Telemetry

Water Monitoring/Telemetry Including on/off, restart, reboot, sync and measurement of operational performance and water quality metrics

Options and Configurations

Pulsar 4400

Frequencies	Over 4400
Transducers	4 @ 90°
Algae targets (All units address biofilm)	Most cyanobacteria, green, blue green, and selective golden algae and dinoflagellates
Green Algae Target Range	150 m Radial (17 acres)
Blue Green Algae Target Range	400 m Radial (124 acres)
Biofilm Target Range	60 m Radial (2.8 ac)
Power Options	120v/240v, 24vDC, Solar
Power Connections	Single or Dual Units per one power supply
Clarifier Options	Available
Custom Cable Lengths	Optional
Warranty	Fresh Water 3yr; Salt Water 1yr
Power Consumption	30 W/ Pulsar
Connectors	IP69
IQCloud Telemetry Including on/off, restart, reboot, sync and measurement of operational performance	Subscription

Sentinel AIQ+ - everything above plus:

IQCloud Water Quality Monitoring: Chlorophyll A, Cyanobacteria, Temp, ORP Ph, Do, Turbidity	Subscription
Power Options	Solar - Included
Dual Battery Backup	Included

Before and After



Blue-Green Algae (cyanobacteria)



Green Algae (Spirogyra)

Represented in Ontario, New Brunswick, Nova Scotia and Prince Edward Island by:

CanDetec Inc.

Dennis Gregor
dgregor@candetec.ca
www.candetec.ca
905-516-9009

530 Seaman St.
Stoney Creek, ON
L8E 3X7

