



SonicPure Promotes Chemical Free Algae and Biofilm Control



Is your plant affected by algae and biofilm?

SonicPure's cost-effective ultrasonic solutions control algae and prevent biofilm growth in wastewater lagoons and clarifiers — sustainably and without chemicals.

- ◆ **Reduces** BOD/TSS; stabilizes pH
- ◆ **Lowers** maintenance costs and chemical use
- ◆ **Improves** clarifier performance and reliability



Pulsar 4400

The Pulsar emits **4400** frequencies to target a broad range of cyanobacteria and green algae, while also inhibiting biofilm formation.

**Successful Installations
in Wastewater Lagoons,
Equalization Basins,
SBR's, and Clarifiers**

See more on our website



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)



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