

## Cover Page

### Short description of the proposed solution:

Phyco-remediation is the use of microalgae and macroalgae for bioremediation of pollutants and nutrients from wastewater. These microorganisms will consume nutrients, such as nitrogen and phosphorus, and produce the oxygen, during photosynthesis, necessary to satisfy the chemical oxygen demand (COD) and biochemical oxygen demand (BOD) levels. Our solution specifically uses the native diatom algae present in the influent wastewater as well as the tanks in wastewater treatment plants (WWTFs) and does not require the use of any specific design of tanks, lagoons, photobioreactor, or raceway to grow the diatoms. We use our patented product - Nualgi - which was specifically invented to grow diatoms in large volumes of water.

### Key project members (names, contacts, and links to professional online profiles):

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**Your city and state:** Miami, FL

### Other partners (if any):

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