

# Global Climate Breakthrough: BlueGreen Water Technologies Removes $\approx$ 13,000 Tonnes of CO<sub>2</sub> From U.S. Freshwater Body

*"In our global journey toward Net Zero...humanity just took a very positive turn."*

WASHINGTON, DISTRICT OF COLUMBIA, UNITED STATES, April 18, 2024 /EINPresswire.com/ -- BlueGreen Water Technologies' (BlueGreen's) breakthrough [Net Blue™](#) carbon removal technology has advanced the fight against climate change, achieving the first-ever verified removal of CO<sub>2</sub> via harmful algal bloom remediation.

In a global first, BlueGreen's team of water scientists successfully removed 12,913 tonnes of carbon dioxide equivalent (CO<sub>2</sub>e) during its remediation of harmful algal blooms in Utah's Mantua Reservoir, as verified by Earthood. The Utah Waterbodies Restoration Programme was carried out in partnership with Brigham City, Utah.

"We are thrilled to achieve the world's first-ever removal of CO<sub>2</sub> via remediation of harmful algal blooms in freshwater," said [Eyal Harel](#), CEO of BlueGreen. "Our team not only removed nearly 13,000 tonnes of CO<sub>2</sub>e, we restored the health of the aquatic ecosystem, which has suffered chronic outbreaks of toxic algae. This is an important milestone in our efforts toward delivering swift and significant climate action while protecting our freshwater resources."



In partnership with Brigham City, Utah, BlueGreen treated Mantua Reservoir for algal blooms on September 25, 2023, at no cost to the City. The project marked the first test of BlueGreen's Net Blue™, the first-ever verified methodology to quantify how much atmospheric CO2 can be removed by treating algal blooms. Following BlueGreen's treatment, the Reservoir was declared safe for all water-based activities. (See the before and after photos below.)

"Our partnership with Brigham City has not only reduced a health and environmental hazard, it has achieved a new milestone in the global quest to remove the harmful CO2 choking our atmosphere," said Jan Spin, President of Americas, BlueGreen.

Social Carbon Foundation, manager of international greenhouse gas (GHG) standard SOCIALCARBON®, issued 12,913 Net Blue™ carbon credits in April 2024 after receiving verification from Earthood. Climate solutions leader Thallo facilitated the pre-purchase of 10 Net Blue™ carbon

credits at \$100 per credit to Zumo, the B2B digital assets infrastructure prioritizing compliance and sustainability, as part of a wider portfolio to meet its sustainability needs, a pioneer in digital finance and sustainability, as part of a wider portfolio to meet its sustainability needs. The remaining Net Blue™ credits are now for sale.

BlueGreen deploys its technologies across multiple continents, improving water quality and availability while removing atmospheric CO2 that contributes to global warming while improving water quality and availability, enhancing biodiversity, supporting local economies, and safeguarding the health of plants, animals, and humans alike.

"Harmful algal blooms infect 60 million lakes around the world, ultimately rendering them 'dead



After Treatment



Before Treatment

aquatic zones'. They also hold an untapped potential to remove 5-15 gigatons of carbon each year," said Harel. "Net Blue™ carbon credits finance our mission to make water safe. In our global journey toward Net Zero and dare I say Net Negative, humanity just took a very positive turn."

About BlueGreen Water Technologies:

BlueGreen Water Technologies is leading the charge in preserving and promoting life on Earth. The company restores, safeguards, and optimizes the health, safety, and biodiversity of waterbodies worldwide, protecting wildlife, aquatic life, ecosystems, and economies through pioneering scientific solutions and deep tech applications.



BlueGreen is the first and only company in the world to develop, obtain regulatory approval for, and commercialize a technology suite that reverses the effects of climate change in waterbodies and drastically reduces greenhouse gas levels. Its multidisciplinary team of experts is dedicated to detecting, analyzing, preventing, and remediating the world's most complex water-related problems.

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