

HydRestor™ Media Selected as Innovative Technology for Florida Department of Environmental Protection Grant Program

Highlights:

- HydRestor™ media was selected as an innovative technology to be used in an extensive research program funded through the state of Florida and local municipalities.
- The award funds \$290,000 of testing and will treat over 8 million gallons of water over a 4-month period.
- Further commercialization and field applications of HydRestor™ will showcase its beneficial use and targeted applications for the growing market of water reuse.
- Demonstrates trust in HydRestor™ as an advanced water treatment solution by the state of Florida, where over 880 million gallons per day of water are reused.

Gainesville, FL – March 11, 2022 – HydRestor™ phosphorus recovery media was selected as the treatment option for an Innovative Technology Grant by the Florida Department of Environmental Protection (FDEP). \$290,000 worth of pilot testing and commercialization will be funded through the state department, to treat reclaimed wastewater below the regulatory limit for beneficial reuse. The project site will be in the growing community of Lakewood Ranch, Florida and will treat over 8 million gallons of water over the 4-month period. The project is expected to begin in the summer of 2022.

About the Florida Innovative Technologies Grant Program

The state of Florida is moving swiftly to address its growing water quality concerns. Funding and research programs have been developed to preserve water quality and combat two key issues impacting the state: blue-green algae and the red tide phenomenon. Both of which are accelerated by excess nutrient loading.

The Innovative Technology Grant Program is specifically targeted towards funding projects that evaluate and implement innovative technologies to combat algal blooms, nutrient enrichment, and restore and preserve Florida waterbodies and water sources.

Carbonxt's HydRestor™ Technology

The HydRestor™ technology is a pelletized activated carbon media, specifically created to reduce nutrient loading in water and reduce phosphorus concentrations. The ready-to-use filter media is loaded into beds and water is then passed through with necessary residence times needed for phosphorus adsorption. The technology is formulated to target the removal of phosphorus from a variety of water sources, including wastewater, stormwater, and industrial processes.

This collaboration with Lakewood Ranch will focus on reclaimed wastewater, with the intention to close the loop and reduce nutrient levels to below regulatory limits for landscape irrigation.

Warren Murphy, Carbonxt's Managing Director, shares: "Carbonxt is extremely excited to further showcase our HydRestor™ media in a commercial setting. The opportunity to have large-scale commercial testing will further demonstrate the validity of this technology and allow its expansion into the growing water reuse markets within Florida and around the globe."

For more information about Carbonxt, contact the company headquarters at 352-378-4950 or via email at info@carbonxt.com

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