

FOR IMMEDIATE RELEASE

## Randolph County Selects Waga Energy to Convert Landfill Gas into RNG in North Carolina

**Asheboro, NC – June 30, 2026 – Randolph County has selected Waga Energy to build, own, and operate a renewable natural gas (RNG) production unit at the Great Oak Landfill in Randleman, NC.**

Randolph County, a local government in North Carolina, and Waga Energy, a global leader in the production of renewable natural gas (RNG) from landfills, announce the signing of a long-term agreement for the development, construction, and operation of an RNG production facility at the Great Oak Landfill, located in Randleman, North Carolina.

Under this 20-year agreement, Waga Energy will finance, construct, own, and operate an RNG production unit with an initial design capacity of 3,000 scfm (standard cubic feet per minute), equivalent to approximately 4,800 m<sup>3</sup>/h. It will utilize the WAGABOX® technology, developed and patented by Waga Energy, to upgrade landfill gas into pipeline-quality RNG.

Developed through 15 years of research and development, Waga Energy's patented WAGABOX® technology has revolutionized landfill gas upgrading by combining membrane filtration with cryogenic distillation. It maximizes the renewable energy production of landfills by ensuring the production of pipeline-quality RNG, regardless of landfill gas variations in flow rate and composition.

The WAGABOX® unit will produce about 610,000 MMBtu (179 GWh) of RNG per year, for injection into the local gas pipeline. It is expected to avoid approximately 47,500 tons of CO<sub>2</sub> equivalent emissions annually by displacing fossil fuels—equivalent to avoiding the CO<sub>2</sub> emissions from 4.2 million gallons of diesel consumed.<sup>1</sup>

By producing pipeline-quality RNG, the project supports the circular economy and reduces reliance on fossil fuels with a local, reliable, and renewable source of energy provided to the community. Waga Energy is also committed to investing in the gas collection and control system (GCCS) to maximize landfill gas collection while reducing local emissions.

The Great Oak Landfill is owned by Randolph County and operated by Waste Management of Carolinas, Inc. Last year, it accepted 692,255 standard US tons of waste. In 2013, Randolph County selected Waste Management of Carolinas, Inc. as an operating partner after an extensive selection process. Construction of the landfill began in May 2016 after receiving all necessary permits. The facility opened and began receiving waste in January 2017 under an original permit to receive up to 2,000 tons per day.

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<sup>1</sup> [Landfill Gas Energy Benefits Calculator | US EPA](#)



In 2019, the permitted tonnage was increased to 4,000 tons per day, which is the current maximum. Under the original Operating Agreement, Randolph County retained the rights to the landfill gas, leading to the current collaboration with Waga Energy. The project follows a competitive selection process conducted by Randolph County in 2025.

**Darrell Frye, Chairman of the Randolph County Board of Commissioners**, commented: “Randolph County is excited to partner with Waga Energy for the production of renewable natural gas at the Great Oak Landfill. Along with our long-standing relationship with Waste Management, this agreement ensures Randolph County will benefit from the landfill for decades to come.”

**Guénaël Prince, CEO of Waga Energy Inc.**, said: “We are grateful to Randolph County for its trust and leadership in making this project possible. By converting landfill gas into renewable natural gas, we will create long-term environmental value and a reliable local energy resource for the community. This long-term partnership reflects the scale and potential of the Great Oak landfill site and will help expand renewable energy production across North Carolina.”

### About Randolph County

Randolph County is located in the heart of North Carolina's Piedmont region and is home to the North Carolina Zoo, the world's largest natural habitat zoo. It blends rich historic roots in pottery, racing, and textiles with thriving agricultural communities and scenic rolling hills. Randolph County has a strong quality of life, which is why industries such as Toyota/TBMNC, Energizer, and Post Consumer Brands have made considerable investments in the County, showing other businesses and industries that it is a business-friendly environment in one of the fastest-growing states.

### About Waga Energy

Waga Energy produces competitively priced renewable natural gas (RNG, also known as biomethane) by upgrading landfill gas using a patented purification technology called WAGABOX®. The RNG produced is injected directly into gas grids that supply homes and businesses, providing a substitute for fossil natural gas. Waga Energy currently operates 36 RNG production units in France, Spain, Canada, and the USA, representing an installed capacity of more than 6.5 million MMBtu (1.9 TWh) per year. To date, Waga Energy has 21 RNG production units under construction worldwide. Each project initiated by Waga Energy contributes to the fight against global warming and helps drive the energy transition. Waga Energy is listed on Euronext Paris (FR0012532810 – EPA: WAGA).

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