

## 2023 OPERATIONS AND ACCOMPLISHMENTS

In 2023 the Dutchess County Resource Recovery Agency (RRA) processed 121,838 tons of Dutchess County Municipal Solid Waste (MSW) at the Waste-to-Energy (WTE) Facility, keeping this waste out of landfills. This waste generated 10,085 kWhs of electrical energy that was sent to Central Hudson Gas and Electric Corporation for local or national power grid sales. Dutchess County waste creates energy to power homes and businesses.

From the waste, 2,238 tons of ferrous metal was recovered and recycled. This recycled metal would have been lost if sent to a landfill. The waste produced 33,453 tons of ash residue which was used as a landfill daily cover under a Beneficial Use Determination (BUD) from the New York State Department of Environmental Conservation (NYSDEC) at landfills in New York State.

During 2023 over 7,528 pounds of unused and/or expired medications were incinerated at the Dutchess County WTE Facility. All medications collected are incinerated free of charge. This cooperative effort has kept these medication contaminants out of our watersheds and out of the wrong hands.

The Facility is required to monitor emissions at all times and has a Continuous Emissions Monitoring System (CEMS). WTE facilities are mandated by the U.S. Environmental Protection Agency to meet or exceed all federal and state regulatory standards. Air pollution control equipment includes a spray dry absorber for acid gas control, fabric filters for particulate removal, and a carbon injection system for mercury and total dioxin control. The Facility is in good operating condition and is compliant with all EPA and NYS Department of Environmental Conservation permit requirements.