“CleanTech Biofuels” Acquires “25 Van Keuren, LLC” in Pursuit of New Jersey Materials Recovery Facility

By Jim Lane, Biofuels.Digest, July 2016

In Missouri, CleanTech Biofuels has acquired a 99% membership interest in 25 Van Keuren, LLC, a New Jersey Limited Liability Company. CleanTech Biofuels and 25 Van Keuren intend to seek the necessary permits and approvals from the New Jersey DEP to build, own and operate a transfer station and materials recovery facility at a site located at 25 James Avenue, Jersey City, New Jersey.

CleanTech Biofuels intends to build, own and operate its patented Biomass Recovery Process on the site as an integral part of the transfer station operation. CleanTech’s patented technology has been operational at commercial scale by an unrelated third party operator at a plant in Coffs Harbour, New South Wales, Australia for over seven years. CleanTech expects that the Jersey City location will be its first United States installation.

The CleanTech patented technology processes, sterilizes, and separates the biomass, recyclables, and inert residuals from municipal solid waste . The CleanTech process recovers 80 to 85% of valuable resources in the form of sterilized organic material and recyclables from every ton of MSW that it processes. This reduces the amount of waste that must be transported for final disposal in landfills to 15 to 20%. The CleanTech process dramatically reduces transportation and disposal costs while substantially increasing recycling and resource recovery rates.

A recent study by Rutgers University’s New Jersey Agricultural Experiment Station suggests that more than four million tons of New Jersey biomass could be used “to make electricity or propel transportation” in the State each year. Approximately 72% of this biomass is produced by the state’s population in the form of MSW. The study listed the following policy goals that could be achieved by tapping the underutilized resource: reducing dependence on fossil fuels, improving air quality by eliminating fossil-fuel pollution, and curbing greenhouse-gas emissions that contribute to global climate change.

The Rutgers report states that New Jersey is aiming to have 22.5% of its electricity come from renewable energy sources by the end of 2020. The report said that with appropriate technologies and infrastructure, the State’s biomass could deliver up to 654 megawatts of power or 230 million gallons of gasoline-equivalent.