Cornerstone’s *BURCELL*™ Treatment Technology is Uniquely Beneficial For

Converting Municipal and Agricultural waste materials to higher value material suitable as feedstock for a wide variety of renewable energy and bio products systems.

*BURCELL’S*™ advantages are:

- Recovers waste organics and waste paper products and combines them into a homogeneous and energy-rich feedstock,
- Functions without a boiler and utilizes non potable sources of water
- Improves the quality of other recovered materials
- Improves the biogas yields and process efficiency of anaerobic digestion systems

"Core Technologies and Services for a Resource Constrained World”
The BurCell™ System, a vacuum aided thermal decomposition process, converts pre-sorted MSW and other feedstocks into a consistent, homogenous process engineered cellulosic product. It is uniquely differentiated from existing technologies competing to provide MSW recycling, landfill reduction and waste to energy organic feedstock solutions.

In the United States today we generate in excess of 250 MILLION tons of municipal solid waste annually. The EPA estimates that about 35% of this waste is recovered or recycled, leaving over 160 MILLION tons left to be buried or burned. Much of this material can, and should be, recovered and reused, and Cornerstone's BurCell™ Technology provides a pre- eminent solution. The benefits of this are obvious and the opportunity is world-wide. In addition to the residential, commercial and industrial wastes that society currently buries or burns, we generate untold millions of tons of agricultural wastes that can be utilized in the Cornerstone BurCell™ technology to best prepare these materials as most valuable feedstocks.

CORNERSTONE’S BurCell™ TECHNOLOGY IS UNIQUELY BENEFICIAL FOR . . . .

The Waste Management Industry

which still landfills the majority of the MSW that it collects. Of this amount close to 50% is biogenic (organic); potentially a low cost feedstock for anaerobic digestion and the fast developing bioenergy and bioproducts industry;

The Agricultural Sector

where the physical treatment capabilities of the process will expand the use of a variety of residual materials in projects that use anaerobic digestion for renewable energy production and nutrient recovery;

The Biofuels and Bioproducts Industry

where the ability to enhance the benefits from additional lower cost feedstocks will significantly improve the economics for the client and allow for the more advantageous use of available non-food or feed materials.
To meet the needs and concerns of customers facing modern waste management challenges requires a “world class” team. Cornerstone’s development and manufacturing partner is Marathon Equipment Company, manufacturing subsidiary of the Dover Corporation’s Environmental Solution’s Group.

Marathon Equipment Company has earned a well deserved reputation as a provider of innovative, world class solutions that process, transport, and transform solid waste streams into sustainable resources to the benefit of their customers and the communities they serve.

For more information visit:

www.cornerstone-resources.com
www.marathonequipment.com
Cornerstone works with our client’s management and technical staff to identify and deliver project objectives and goals.

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