

Press Release

Contact: C. G. Steiner
Phone: 913.897.2727

For Immediate Release
Date: October 30, 2000

Subject: Wastes-to-Energy

WaterSmart Environmental, Inc. announces a breakthrough in the technology of producing methane from anaerobic digestion. Existing technology generates biogas at an approximate 65:35 ratio of methane to carbon dioxide. The breakthrough technology generates two individual gas streams of rather pure carbon dioxide and rather pure methane. The total volume of methane produced is approximately doubled because of the ability of the process to degrade all rather than but half of the volatile solids.

In addition to sanitary wastewater treatment, the technology can treat other organic wastes such as those generated from swine, dairy, beef, and poultry farming as well as food processing, municipal, and agricultural solid wastes.

On a fully amortized basis the cost of the methane produced is about 30¢/1000 cubic feet. This cost is about 7% of the retail price of natural gas. Methane is a near equivalent to natural gas. If converted into electricity, the amortized cost of the electricity produced is in the near vicinity of 0.35 cents/kWh. This is less than 10% of the avoided costs of fossil-fired power plant electricity. This technology always produces a very positive return on investment to the beneficial owner of organic wastes whether the methane is sold as natural gas or converted into electricity.

WaterSmart Environmental, Inc. is a manufacturer of highly engineered water purification components and systems. The company designs and builds a wide variety of water treatment equipment including packaged water and wastewater treatment plants, UltraPac™ aerobic package plants, OAT™ Process anaerobic digesters with associated energy production, aerators, filters, PuriSep™ oil/water and solids/liquid separators, RainDrain™ perimeter trench sand filters for stormwater runoff, dissolved air flotation separators, air strippers, complete skid assembled aqueous waste treatment plants, FilterFresh™ skid mounted potable water production plants, skid mounted wastewater treatment systems for laundromats, laundries, and car/truck wash facilities with water reclamation and reuse, softeners, demineralizers, activated carbon treatment equipment, and water purifiers for domestic and international markets.

— 30 —

