



Metropolitan Water Reclamation District of Greater Chicago

Press Release

Allison Fore

Public and Intergovernmental Affairs Officer

312.751.6632

allison.fore@mwrdd.org

100 East Erie Street, Chicago, Illinois 60611

For immediate release

September 29, 2014

MWRD Selects Anaergia to Design New Organic Waste Processing Facility, Provide Long-Term Supply to Calumet WRP

Anaergia Inc. announced today that it was selected by the Metropolitan Water Reclamation District of Greater Chicago (MWRD) to enter into negotiations for the design of an Organic Waste Receiving and Processing Facility and modification of two anaerobic digesters, and for the long-term supply of organic waste material to the Calumet Water Reclamation Plant (CWRP). The CWRP's wastewater reclamation operations are among the largest in North America and this project will help MWRD utilize this facility as a resource recovery and energy generation center.

CWRP's new Organic Waste Receiving and Processing Facility will have the capacity to process 300 tons per day of Organic Fraction of Municipal Solid Waste (OFMSW) plus liquid waste and fats, oils, & grease. The OFMSW will serve as feedstock to produce additional biogas in CWRP's anaerobic digesters. The OFMSW will be produced at an existing offsite solid waste facility utilizing Anaergia's patented Organics Extrusion Press (OREX™), a device which separates unsorted municipal waste into wet organic and dry fractions.

Onsite improvements at CWRP will include new capabilities for organic feedstock reception, storage, and cleaning as well as digester modifications. Two of CWRP's existing digesters will be modified to enable dedicated digestion of the external organic feedstock



In the photo: Anaergia Organic Extrusion Press

utilizing Anaergia's proprietary high solid mixing system. By introducing external organic material for digestion, CWRP will more than double its renewable biogas production.

This project will significantly reduce greenhouse gas emissions. A reduction of approximately 99,000 metric tons of carbon dioxide equivalents being released into the environment per year is expected due to the diversion of the organic waste material from landfills, which is equivalent to taking more than approximately 19,000 vehicles off the road. It is also anticipated that the project will result in 20 to 30 construction jobs, 20 professional services jobs, and six to eight permanent jobs.



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“The MWRD is moving away from the old idea of viewing sewage as a waste product to be disposed of, and instead seeing opportunities for recovery of resources and production of energy,” said Kathleen Therese Meany, President of the Board of Commissioners. “The Illinois state legislature recently granted the MWRD the authority to actively engage in resource recovery. This is a landmark project for Cook County and the State of Illinois that will act as a catalyst for further job growth in organics recycling and green energy production.”

Dr. Andrew Benedek, CEO of Anaergia, noted: “Our Anaergia Services team, based in Carlsbad, California, put together a set of technologically advanced but proven solutions to optimize the future operations of the impressive CWRP facility. We are very pleased to be working with MWRD to put these environmentally responsible solutions in place.”

About Anaergia

Anaergia Inc. is the global technology leader in recovering value from waste for the municipal, industrial, and agriculture sectors worldwide. Through its proven portfolio of proprietary technologies, Anaergia’s



integrated solutions create value for its customers in the forms of clean water, renewable energy, and quality fertilizers while dramatically reducing the costs of waste management. Anaergia’s global headquarters are located in Burlington, Ontario, Canada, with regional lead offices in the United States, Germany and China and services through 14 offices globally. Anaergia technologies are in use at hundreds of resource recovery facilities worldwide, reducing greenhouse gas emissions while creating new revenue sources for its clients.

Anaergia is participating in the annual Water Environment Federation Technical Exhibition and Conference (WEFTEC) in New Orleans from September 27 through October 1, 2014. Anaergia’s industry leading solutions are highlighted at WEFTEC in Booth 6713 and in the Innovation Pavilion at Booth 4029m.

For more information, please visit www.anaergia.com.

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Our Water Environment: **Take it personally**

Established in 1889, the MWRD (www.mwrdd.org) is an award-winning, special purpose government agency responsible for wastewater treatment and stormwater management in Cook County, Illinois.