



A FASTER, CHEAPER, GREENER water treatment solution

www.marsystemsinc.com

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Sorbster Media Products

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Where We've Been:

This past month, MAR Systems attended the 60th Annual Environmental Engineering Conference hosted at Kansas University.

If you'd like MAR Systems to attend or present our technology at your next conference, please let us know by submitting the event information to info@marystemsinc.com.

Please update your address book as our e-mail addresses and web site have changed. Visit us online at www.marsystemsinc.com

For more information, contact us at info@marsystemsinc.com

Dear Friend,

For this edition of our e-newsletter, we'd like to highlight some of our partners that are helping us reach our goals for 2010.

As we transition into the development of full-scale production of our Sorbster media, we are thankful to have so many dedicated professionals, organizations and businesses supporting us.

If you'd like to become a part of the FASTER, CHEAPER, GREENER water treatment solution, please contact us at info@marsystemsinc.com.

OUR PARTNERS:

NORTHEAST OHIO REGIONAL SEWER DISTRICT (NEORSD):

In the interest of testing our Sorbster Hg media at ultra low mercury levels, the NEORSD is working with us to test the ability of our media to reduce mercury levels in water to the part per trillion level. Initial testing results have shown that our media could accomplish the 1.3ppt mandate outlined in the Great Lakes Initiative.

Our first testing results will be made available by late-March and we look forward to keeping you informed on this extremely important partnership.

AKRON GLOBAL BUSINESS ACCELERATOR:

When MAR Systems joined the AGBA in late 2008, it was able to take advantage of the networking opportunities and lab space provided by the small business incubator. According to MAR Systems CEO Tony Lammers, the success his company experienced in 2009 would not have been possible without the Accelerator.

"They provided us with everything we needed," Lammers said. "The networking opportunities really opened up a lot of doors. The people and equipment made available to us during the past year put us exactly where we need to be for 2010."

Moving forward and possibly with the local support of the Accelerator, MAR Systems could be manufacturing Sorbster media in commercial quantities by early summer right here in Northeast Ohio.

JUMPSTART:

JumpStart is a nationally recognized non-profit organization creating economic transformation in Northeast Ohio by providing resources for entrepreneurs leading high potential, early-stage companies. With these critical resources, entrepreneurs successfully grow their companies and create globally sustainable jobs as rapidly as possible.

In 2006, Jumpstart provided early stage seed investment funding to MAR Systems. JumpStart continues to be extremely valuable to our firm because of the networking opportunities it has provided as our partnership grows.

PRECISION ANALYTICAL LABS:

Located in Cleveland, Ohio, Precision Analytical Labs is an Ohio EPA certified lab. They perform metals analysis, including iron, copper, chromium, nickel, lead and zinc from water samples. Additionally, they perform mercury analysis of water samples via cold vapor atomic fluorescence and TCLP analysis of used Sorbster media.

Precision Analytical provides the local lab testing needed as we continue the development of commercial quantities of our media, and they have helped us formalize our own lab protocols at our Solon, Ohio office.

MERCURY ONE:

Bill Purves, president and lead chemist of Mercury One Ltd. in Twinsburg, which specializes in analyzing mercury levels in water, thinks MAR Systems is positioned very well for a successful 2010. Mercury One Ltd. provides MAR Systems with a rental Lumex Ra 915+ mercury analyzer and supplies the reagents necessary for its operation.

Purves is also working to test Sorbster media in reducing the amount of methyl mercury, most commonly found in fish living in polluted water streams.

ADAMS CONSULTING ENTERPRISE INC.

A former internal consultant to Sohio/BP for pilot plant design and operation, Harry Adams is responsible for the design of MAR Systems' [Mobile Development Unit](#) and advanced contacting technologies.

Adams is an internationally recognized expert on petroleum coking and calcinations and was part of the team that invented the MAR Systems alumina and iron-based manufacturing processes, which have been submitted for patents.

CASE WESTERN RESERVE UNIVERSITY AND HIRAM COLLEGE:

In 2008, MAR Systems awarded a substantial grant to Case Western Reserve University to sponsor a post doctoral fellow to analyze Sorbster media. By partnering with the Case School of Engineering, MAR Systems gains access to state-of-the-art facilities with electron microscopy labs that can look (examine) at the surfaces of the catalyst, answer questions and then make their media commercially viable.

Hiram College, located in Northern Portage County, has provided support to complete a competitive analysis of various media technologies, including MAR Systems' Sorbster media.