



A FASTER, CHEAPER, GREENER water treatment solution

www.marsystemsinc.com

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BusinessWeek Names MAR Systems One of America's Most Promising Startups

BusinessWeek recently named MAR Systems one of "America's Most Promising Startups" for making industrial ecology profitable through its Sorbster media.

This ongoing series highlights new companies from across the country that embody the creativity and resilience seen in today's entrepreneurs, but haven't become a household name...yet.

[Read more about MAR Systems](#)

EPA Set to Regulate Selenium from Wastewater, Are you in Compliance?

According to [SCIENTIFIC AMERICAN](#), new national standards will be unveiled in 2012 to replace many state regulations that have not done enough to protect humans, the environment and wildlife from selenium, a toxic metal found in power plants' wastewater.

Currently, some states allow power plants to emit selenium at levels hundreds of times higher than EPA's water-quality standards, while others don't even require monitoring for it. Excessive levels of selenium are dangerous for humans and can deform or kill fish and birds.

MAR Systems Sorbster™ media, which already removes [mercury](#), [arsenic](#) and other metals from water, has shown success in also removing selenium.

"Our results show our media can reduce selenium contaminant levels to low single digit parts per billion (ppb) with upwards of 94% removal," said Tony Lammers, CEO, MAR Systems. "Given other EPA permitting mandates, we believe our media will allow power plants and other polluting industries to meet compliance even before the mandates are announced."

[To read more from SCIENTIFIC AMERICAN and the dangers of selenium, click here.](#)

In the News: MAR Systems Featured in Crain's Cleveland Business

Article by Chuck Soder

MAR Systems late last month set up a pilot manufacturing line to produce more of the proprietary compound the Solon company uses to pull toxic heavy metals from water.

[and the water contamination solution that caught the attention of BusinessWeek.](#)

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The startup already has found a few places to use the material, called Sorbster. MAR Systems in late May installed an elevator-size machine at an out-of-state plant that has been pumping an unpermissible amount of mercury into an Ohio waterway, and it has a contract to set up a second pilot system at a plant in Tennessee next month.



It is working to secure a location for a third pilot system.

[To read more from Crain's Cleveland Business, click here.](#)