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NaturallyWallace

Naturally Wallace Consulting Newsletter

Volume 2

April 2011

Naturally Wallace Consulting (NWC) is pleased to present the second edition of our e-newsletter. With 2011 in full swing, we want to share with you project updates, new natural treatment systems presentations and articles, along with how these systems are leading remediation efforts in the oil and gas marketplace.

The first issue of our e-newsletter was a great success. Thank you to everyone for your emails and comments. We encourage your feedback.

Visit our newly redesigned [website](#), follow us on [LinkedIn](#), or contact us anytime at contact@naturallywallace.com.

Project Activity

February brought an opportunity for Scott Wallace, President of NWC, in collaboration with Norwest Group International, to present to more than 40 representatives of 23 Libyan oil companies about the use of natural treatment systems for the treatment of produced water and remediation. This was followed by an in-person visit to Libya by Scott to meet with interested oil companies to discuss solutions to their unique wastewater challenges. Click [here](#) to read a journal of his trip during the Libyan crisis and also view [Fox News'](#) coverage of his experience.



NWC's expertise in remediation was founded on the work done for ARCO at the refinery site in Wellsville, New York and the Amoco Refinery in Casper, Wyoming. NWC has recently completed the design of two similar projects: a closed refinery in the Midwest focusing on the removal of

GRO's and DRO's, and the removal of chlorinated organics from a military landfill at Wurtsmith Air Force Base in Michigan. In addition, a produced water pilot was conducted for a 100 mgd facility in South America. Finally, NWC has found time for pro bono work on a hospital

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Feature Article:
Hippies, Geeks,
Wetlands and the
Long Haul



Wetland treatment systems have gone from hippie to geek as they have matured during the past decade. The low operation and maintenance cost of these systems is one fact that stays the same.

As the design approach has advanced, the engineering of the systems has also been refined - from biological empiricism to chemical reactor design. This trend is particularly apparent for pump and treat remediation systems where engineered wetlands are also proving successful and durable.

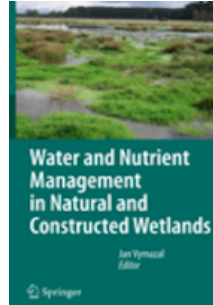
Projects in New York, Wyoming, Michigan and the

in Haiti. Click [here](#) to learn more about our projects.

New Conference Presentations & Articles

In late January, Scott Wallace was asked to speak at a UNESCO conference in Paris, France titled, The Future of Urban Water: Solutions for Livable and Resilient Cities. His topic was "Reducing the Land Area Requirements of Natural Treatment Systems in Urban Areas." Click [here](#) to view the presentation abstract.

Scott has co-authored a chapter titled, "Treatment of Landfill Leachate in Aerated Subsurface Flow Wetlands" for a recently published book: [Water and Nutrient Management in Natural and Constructed Wetlands](#).



The February 2011 issue of *Pollution Engineering* magazine featured insight from Mark Liner, P.E., NWC's senior environmental engineer. In Mark's byline article titled "[The Wetland Diaries](#)," he explains how to use pilot studies to get from problem identification to a workable solution. The January/February 2011 issue of *Environmental Science & Engineering* also featured the article "[Treatment Wetlands Excel in Treating Industrial Waste Streams](#)" by Mark Liner.

Midwest are good examples of how these systems can be used for the long haul.

When contrasted with mechanical systems that become obsolete over 30 years, natural systems are now engineered for a full life - from teenager to senior citizen.

Click [here](#) to read the complete article.

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