Subject: NEBRAMail - Your distilled residuals news

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From: NEBRA

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Distilled biosolids and residuals news for New England and eastern Canad

June 18, 2014

Abstracts Needed by Friday.

N.E. Biosolids Conference

October 22 - 23 - So. Portland

Abstracts --> June 20. Details.

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New "Phosphorus in Biosolids" Fact Sheet

A new "Phosphorus in Biosolids" Fact Sheet is available.

Developed by the WEF "Sustainable Residuals Use

Subcommittee," it summarizes the challenges and
opportunities of managing P in solids and soils. Legislatior
and regulations in many New England states are restricting

use of P on turfgrass, and agricultural nutrient management is driving use of P indices and P source coefficients. This is critical information for biosolids managers!

A ONCE-A-DECADE EVENT!

Soil in the City Conference

June 29 - July 2, 2014 - Chicago

<u>The</u> every-10-year residuals science conference by the USDA W-2170 Research Committee on Soil-Based Use of Residuals, Wastewater, and Reclaimed Water. <u>Details</u>.

Don't miss out!

MORE EVENTS

 June 19: Phosphorus Recovery & Reuse

Maine DEP Finalizes New Odor Regulations

Maine facilities that compost or otherwise process wastewater solids and septage will have to follow new, strict odor standards in early 2015 when new provisions take effective.

In early June, the ME Department of Environmental Protection (DEP) released its forr rule adoption package, including the full text of the updated rules, <u>for Chapter 410 - composting facilities</u> and <u>for Chapter 409 - other processing facilities</u>. The new rules adopt the n-butanol scale for odor measurement (see the sections titled "Odor Contro (section 4F in Ch. 409 and section 4E in Ch. 410)).

Malodors are widely considered the primary cause of public upset around biosolids ar septage management programs. Regulations addressing odors are a double-edged sword. They make it more difficult and costly to recycle these materials. But, at the same time, they may ensure significant malodors don't happen and cause the kind of public upset that shuts down a program.

The change in how Maine DEP is addressing odors is dramatic.... More...

New Book by David Lewis, PhD

Workshop - Ryerson Univ. Contact the <u>NEBRA office</u> for details.

- June 23, 1 -3 pm: Biogas to Transportation Fuel, a free WEF webinar. <u>Details</u>.
- July 22 & 23: Advanced Stabilization Symposium, Alexandria, VA, presented by MABA. Details.
- September 8: International Workshop on Sludge/Biosolids Management, Burlington, ON. <u>Registration</u>. See below right.
- October 22 23, 2014:
 NORTH EAST RESIDUALS
 & BIOSOLIDS
 CONFERENCE So.
 Portland, Maine. <u>Details</u>.

CHECK IT OUT...

- Soils Matter! is a new blog from the Soil Science Society of America, responding to questions about soil, like "What does it mean for a soil to be healthy?"
- Colorado biosolids recycling is nicely covered in this <u>5280' magazine article</u> by Rachel Cernansky.
- Compost Webinars the
 Compost Council of Canada
 has excellent video webinars
 and PDFs for your viewing.
 One example: "Organics
 Management in Quebec From Scratch to Banning!"
 A PDF example: "Building
 the Value of Compost"

NEWS from NEBRA

Past news stories are available on the NEBRA website "News" page.

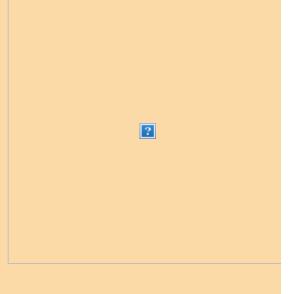
Microbiologist and former EPA employee David Lewis, PhD, has just released "Science for Sale," a book that includes recounting of his two decades of arguments, lawsuits, and actions critiquing the EPA Part 503 regulations and biosolids use on soils. The book's subtitle is "How the US Government Uses Powerful Corporations and Leading Universities to Support Government Policies, Silence Top Scientists, Jeopardize Our Health, and Protect Corporate Profits."

Today, as he has over the past 15 years, Dr. Lewis continues to claim there is a deep and broad conspiracy behind the research and practice of using biosolids on soils.

More...

In Brief / en bref....

The Saguenay, QC biosolids program was highlighted again, this time in the June 2014 L'UtiliTerre, an agricultural trade magazine. The article notes that "for over 25 years, the Tremblay-Bouchard family has applied [municipal] sludge on their fields, which have totaled as much as 300 hectares. They have also historically spread paper mill sludge." The municipal biosolids they use are from Saguenay. Jacques



Tremblay said: "I use a manure spreader. I warn neighbors, and I consider the winds and days off. It is tilled into the soil the same day, beginning with fields near houses a respecting the regulatory setbacks of 100 m from them.' Some neighbors were bothered by the different smell, at first, he said....'Our organic matter has increased since we've been using the biosolids. For this reason, we no longer till in our cereal straw - we can sell it....' Some 5% of Quebec farms (3.6% cropland) received biosolic and other residuals in 2012."

York. Recently, two local <u>opponents worked with local legislators</u> to <u>introduce a bill in</u> the state legislature. <u>NEBRA responded</u>. The bill is not likely to go far. Also, the NY Dept. of Environmental Conservation was asked to revoke biosolids permits, but, afte review of the situation, they rejected the request, finding no reason to do so.

Biogas to Transportation Fuel is the topic of WEF free webinar June 23rd. <u>Deta here</u>. This topic is gaining great interest; see also the Energy Vision report: <u>"Turning</u> Waste into Vehicle Fuel."

ISO, the international standards organization, has convened a <u>working group</u> to develop standards for sludge/biosolids management. Led by France, the project includes active participants from Canada, the UK, Australia, and 13 other countries. The 13 observing countries include the U. S. and New Zealand. A meeting of the gro will be hosted in Burlington, ON on September 8 - 12, 2014. The first day will be a



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workshop open to anyone interested and featuring presentations on solids management from around the world. Registration.

American Biogas Council recognized a renewable energy collaborative project Ridgewood, New Jersey, with the ABC "Biogas Project of the Year Award. NEB member Natural Systems Utilities worked with the town and several partners to optim digestion, combined heat & power systems, and efficiencies to provide almost all of the energy needed to run the wastewater treatment operations. More....

There is value in gaining recognition of biosolids as a registered fertilizer product. Lystek has received <u>another fertilizer registration</u>.

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