

Subject: NEBRAMail - distilled news - September 2014

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From: NEBRA

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Distilled biosolids and residuals news for New England and eastern Canada

September 30, 2014

NEBRA'S INVOLVED...

["Microconstituents: Sources, Sinks, and Sustainability"](#) on Oct. 29 in Waltham, MA, sponsored by the NEWEA Microconstituents Committee

[Northeast Recycling Council \(NERC\) fall conference](#) Nov. 7 in Amherst, MA

[JETCC workshop on biosolids dewatering](#) on Dec. 2.

CHECK IT OUT...

- **NEBRA is on Twitter!**
Follow @nebiosolids.
- **DC Water video** highlights local biosolids compost use

October 22 & 23, 2014
Portland Marriott at Sable Oaks, South Portland, ME

networking...tours...AD in ME...co-digestion...biosolids
rule-making...regulatory roundtable...and more

at Blue Plains water resource recovery facility.

- **CASA's new biosolids fact sheet.**
- **How biosolids can curb greenhouse gases**, a King County (Seattle area) [article](#).



- **NEFCO's new biosolids drying facility** is growing in Detroit (above).
- **Lystek's Dundalk, ON facility** recently celebrated its first year of successful operation. See [news article](#).

In Brief / en bref....

Quebec has new water withdrawal and protection regulations that create new setbacks from wells and water bodies for land application of biosolids and other residuals - as well as compost facilities - according to information from the ministry of sustainable development, environment, and

[Register now.](#) [More detail](#)

Compost Council of Canada Conference Celebrates Nova Scotia & Its Leadership in Organics Recycling

Randy Delorey, minister or Nova Scotia Environment, kicked off this year's compost



conference with a nod to the province's leadership in organics diversion from landfills, which began in the late 1990s, with the result that now "95% of households have green bins,.... and the disposal rate is 1/2 the Canadian average."

Keynote speaker Odette Ménard of the Quebec agriculture ministry enthralled attendees with tales of worms (have you noticed [the organic debris piles they create?](#)) and praise for healthy soils. [More...](#)

Developing International "Sludge" Standards

Canada hosts workshop and meetings of the ISO Technical Committee 275, which is developing standards for biosolids.

By Denise Vieira, SYLVIS Environmental

The International Standards Organization (ISO), the world's largest developer of voluntary international standards, has convened Technical Committee 275 (TC 275) to develop international standards for sludge recovery, recycling, treatment and disposal. TC 275 is convened by France, with the Secretariat being provided by France's standards association, AFNOR. (No doubt many of you notice the use of the term 'sludge' rather than 'biosolids' – establishing terminology is part of the work program, but 'sludge' is commonly used in Europe.)

TC 275, which first met in Paris in 2013, is composed of experts from around the world who will prepare a series of draft documents which, when finalized and agreed to by consensus of ISO members, will become ISO standards. [More...](#)

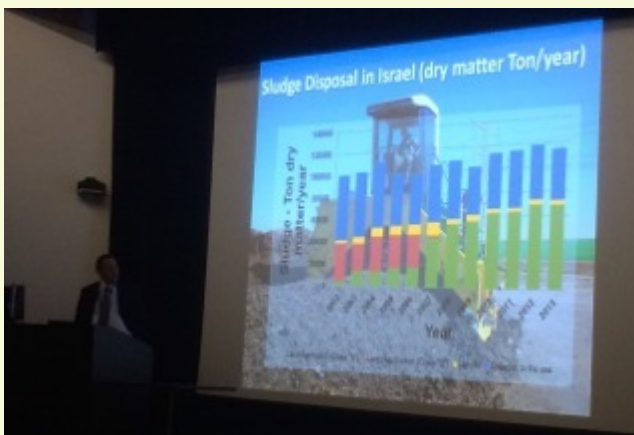
the fight against climate change. [More...](#)

The western New York biosolids debate continues, with a [recent presentation by Murray McBride](#) of Cornell University and a [letter](#) by NEBRA Executive Director Ned Beecher. One outcome of the debate is a bill that would require labeling of products grown with biosolids. NYWEA's Biosolids Committee and others believe the bill has little chance of passage. In the meantime, some of the biosolids that have been the subject of the debate were land applied earlier this month, according to the [Buffalo News](#).

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THANK YOU!



100% Class A land application.

"Sludge Disposal in Israel (dry matter Ton/year)," 2002 - 2013 to r), part of the Israeli presentation to the ISO TC 275 workshop.

Green = Class A to land, Red = Class to land, Yellow = to landfill, Blue = dispersal at sea. Israeli policy goal i

Canadian Research on Microconstituents in Biosolids and Water

Gordon Price, Associate Professor and chair of innovative waste management at Dalhousie University, keeps busy. For example, this week he plans to dig into a pile



that's composting the skin and blubber off a whale carcass (right). The goal is to clean the bones bare for mounting into a skeletal display. Composting - including of animal carcasses - is one of Dr. Price's many endeavors at the University's agricultural campus in Truro, NS.

But Professor Price's largest project over the past several years has been focused on the presence, fate, and impacts of trace chemicals - microconstituents - in lime-stabilized biosolids and biosolids-amended soils. The [project](#), funded in part by the Canadian Water Network, involves several universities throughout eastern Canada. Details and update on this project will appear in the next *NEBRAMail*.

Meanwhile, at the ISO TC 275 workshop (see above), Shirley Anne Smyth of Environment Canada (EC) presented a summary of the agency's recent research on the presence and fate of trace chemicals - microconstituents - in water and biosolids. The team of EC researcher has monitored and published papers on a wide range of high-use chemicals of emerging concern, including PBDEs, 5 other brominated

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flame retardants, perfluoroalkyl substances (PFOS, PFOA, etc.), bisphenol A, 20 metals, triclosan, tetrabromobisphenol A, chlorinated alkanes, organotins, parabens, nonylphenol and ethoxylates, siloxanes, PAHs, and PPCPs (pharmaceuticals and personal care products).

The Final Act for Kern County's Biosolids Ban?

“The time has come to issue a permanent injunction against Kern County Measure E, a discriminatory local voter initiative that bans a critical recycling practice, land application of biosolids. The Court of Appeal resolved the merits of this action in February 2013 when it affirmed this Court’s rulings that Measure E was likely preempted and exceeded the County’s police powers. Five federal and state trial and appellate judges agree that Measure E is illegal and the Plaintiffs ask that this Court affirm its prior analysis – ratified by the Court of Appeal – to issue a permanent injunction.”

Thus begins a brief submitted September 26th to the Superior Court, County of Tulare, California. The Plaintiffs – the City of Los Angeles, Responsible Biosolids Management Inc., and others – are asking the Court to permanently end any possible enforcement of the Kern County ban on importation and land application of biosolids (“Measure E”).

[More...](#)

North East Biosolids and Residuals Association (NEBRA)

P. O. Box 422 • 26 Greggs Way • Tamworth, NH 03886 USA • 603-323-7654 • info@nebiosolids.org

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