

Subject: NEBRAMail - SSI Ash & P & PFAS
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Distilled biosolids and residuals news for New England and eastern Canada

February 28, 2019

EVENTS...

NE Digestion Roundtable

April 5, 2019
12 Noon EST
Eat lunch. Digest.

[More events...](#)

CHECK IT OUT...

NEBRA has a [Gold Seal of Transparency](#) from GuideStar, one of the leading non-profit

Sustainable Phosphorus?

Join the Annual Forum...
April 5th, Washington, DC



Sustainable Phosphorus Alliance (SPA) hosts **Phosphorus Forum 2019** on

April 5 (the end of Water Week) near the capitol in Washington, DC. Keynote speakers include former U.S. Deputy Secretary of Agriculture, Dr. Kathleen Merrigan, and 2018 Stockholm Water Prize co-recipient, Professor Bruce Rittmann. SPA will present their new compendia of state regulations of land application of biosolids and manure. [Details...](#) Discounted hotel room block available until March 6. **NEBRA will be there & supports SPA!**

monitoring websites.

Stormwater outreach in MA:
[Think Blue Massachusetts](#),
with cute rubber duckies....



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[Calendar](#)

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Incinerator Ash As P Fertilizer

**Université Laval
research on
phosphorus
availability from ash
has been published!**

NEBRA and some of
our members were

partners in this Canadian research that demonstrated the value of
sewage sludge incinerator (SSI) ash as phosphorus fertilizer, improving
plant growth.

Lead author Claude Alla Joseph presented preliminary findings of her
PhD graduate work at the Northeast Residuals and Biosolids
Conference in Burlington in 2017 (photo). She has been working with
Professor Lotfi Khiari. Their research evaluated the effectiveness of 12
different SSI ashes from SSIs around eastern Canada and New
England, with comparisons to traditional commercial P fertilizer and rock
phosphate. The SSI ashes differed one from another in their P
solubility percentages (PSP) because of differences in the wastewater
and solids treatment processes. This resulted in varied effectiveness of
the SSI ashes as P fertilizers.

The January 2019 paper is available for [download here](#). A second,
related publication on this research is in publication.



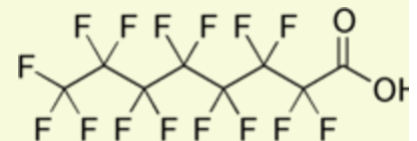
News from the NEWEA Annual Conference

The energy was high and the sessions were full at the NEWEA Annual
Conference in January in Boston. Here are highlights from a biosolids
perspective... [More...](#)

EPA Releases PFAS Action Plan

Meanwhile, Northeast states start
setting MCLs for drinking water. [Read more...](#)

NEBRA's [PFAS & biosolids page](#) provides background info.



- [Northern Tilth](#)
- [Stantec](#)

THANK YOU!

For 2 years, NEBRA has been proactively engaged in understanding PFAS - trace chemicals widely found in commerce and the environment - and their implications for wastewater, biosolids, and residuals management. Extensive information is compiled; contact the NEBRA office for details.

In Brief / en bref...

Hazardous pharmaceuticals can no longer be flushed, according to new management standards finalized by U. S. EPA in mid-December.

[Details...](#)

NEW! [Compost Sampling Videos](#), produced by [USCC](#) and starring NEBRA Board Member Andrew Carpenter.

North East Biosolids and Residuals Association (NEBRA)

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