

Subject: 2 months / Much news / Distilled for you/use...
Date: Tuesday, July 3, 2018 at 12:34:32 PM Eastern Daylight Time
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Distilled biosolids and residuals news for New England and eastern Canada

The NEBRA Office will be closed July 6 - 17.

June 30, 2018



Happy Canada Day!
Happy July 4th!

CHECK IT OUT...

Two of Vermont's I-gen (20-somethings) & future educators focus on toilets & access to toilets in this



Tuesday, July 17

BBQ & Baseball
NH Fisher Cats
The League-leaders
v. #2 Trenton!

**** Vlad Guerrero, Jr. batting over 400! - leads the League!****
preceded by Plant tour: Manchester NH WWTP & SSI

~ a NEBRA Residuals Family Event ~

[Details & Tickets...](#)

access to tanks in the
podcast, "[Flushed Out.](#)"

NEBRA's Ned Beecher talks
biosolids in [WEF Podcast.](#)

NEBRA has been busy this
year providing comments on
legislation and regulation.
See our [publications page.](#)

Lise LeBlanc, a residuals
management expert in Nova
Scotia and NEBRA Board
Member, was [recognized in
June with a Distinguished
Agrologist Award](#) by the [NSIA.](#)
Congratulations Lise!

'We're repurposing the
nutrients you leave here with
your own daily flush,' NMH
alum Shelagh Connelly told
current NMH students. NMH is
a school in western MA that
recycled its biosolids to soils
last fall, with the help of
Connelly's company, RMI. [See
the story on pp. 42 - 43.](#)

VT's Moretown [Landfill pays
fine for odors from sewage
sludge disposal.](#) Seems
biosolids can get into trouble
when landfilled.

Mineland reclamation with
biosolids advances in
Ontario, providing winter outlet
for biosolids & residuals. [Read
about it...](#)

Fine media coverage of
[Chicago's biosolids
program.](#)

Punny odor news about
Milorganite, from the



Northeast Digestion Roundtable 2018

Quarterly webinars to share technical operations experiences &
advance best practices regarding anaerobic digestion in this region.

July 13, Noon EDT

Matt Higgins, Ph.D., Bucknell

An Update on Co-Digestion Research

Eat lunch. Digest. [More...](#)

Updates on PFAS:

Perfluorinated compounds getting attention....

- Politics get involved.
- CDC - ATSDR releases draft PFAS *Toxicological Profile.*
- EPA hosts PFAS summits with states.
- Meanwhile, Australian health experts find "limited, or in some cases no evidence, that human exposure to PFAS is linked with human disease."
- Meanwhile, NH continues to push ahead of other states on the PFAS issue.
- Understanding where the PFAS issue stands now...

[More...](#)

EPA Releases Part 503 Biennial Reviews 2013 & 2015

U. S. EPA Releases Part 503 Biennial Reviews for 2013 and 2015

These Congressionally-mandated reviews evaluate contaminants that may be found in biosolids that may warrant regulation. Both reports conclude that "EPA has not identified any additional toxic pollutants for potential regulation." The reports and related fact sheets are at the [U. S. EPA biosolids pages.](#)

Sentinel's capable & whimsical news columnist. [Enjoy!](#)

Poop matters. So says 538.com - yes, the politics/elections website. Your gut bacteria also matters, find UBC Kelowna researchers. [See the video.](#) (Ironically, Kelowna has seen [biosolids controversy](#), despite a fine composting operation; see their [2017 Annual Report](#).)

Treehugger.com covers the scientific debate of biosolids use in urban gardening.

Virginia Biosolids Council (VBC) created a nice brochure about biosolids recycling. [Read it...](#)

More Washington DC area biosolids to go to anaerobic digestion. [WSSC is following the lead](#) of DC Water.

NEW report: Anaerobic Digestion (AD) of Food Waste in the U.S. (U. S. EPA, May 2018). 13 billion tons of food waste were reported processed in AD facilities in 2015 - but not all facilities responded to the survey, making this an underestimate. Download the report from [here](#).

Microfibers of plastic are gaining attention. Research

EPA Addresses Metals Analytical Lab Method Concern

Jean Creech of the Charlotte (NC) Water biosolids program discovered a possible regulatory Catch-22 when U. S. EPA finalized the new SW-846 [6010D method](#) for analysis of elements, including in wastewater solids as biosolids. Labs updating to the new method (replacing the former 6010C method), may not pay attention to certification requirements under state regulations, resulting in analytical data being technically unacceptable. According to Elizabeth Resek of the biosolids program in the Office of Water in Washington, DC, "there has been some concern... whether a facility is out of compliance with Part 503 requirements if the older 6010C method is used, now that there is the revised 6010D method. Per the 1998 Office of Solid Waste (now the Office of Resource Conservation and Recovery) policy memo, Resource Conservation and Recovery Act SW-846 methods function as guidance. These methods are intended to be used and modified as needed. The newer method 6010D is preferred but not required by the Part 503 Rule. The older 6010C method can still be used and a facility is not out of compliance with its use. Note that methods will be listed under SW-846. When a method is no longer listed, then that method can no longer be used. This is not the case with 6010C." Biosolids managers are advised to check with their state regulatory agency regarding state lab certification applicable to this issue.

In Brief / en bref...

- **New report: Soil pollution:**
“Considering that the positive effects of sewage sludge amendment – such as waste reduction, nutrient cycling, increase of soil fertility, improvement of soil structure and water holding capacity – are significantly more important than the negative effects, efforts should focus on reducing the content of pollutants in sewage sludge and wastewaters

has found some impacts in aquatic systems. As is true for many other contaminants, impacts are less likely in biosolids-soil systems, but research is limited, as noted in this [Australian article](#).

Meanwhile, there are [efforts to reduce microfiber release](#).

Wastewater & biosolids professionals can encourage such efforts - and alternative materials like this [microbead work](#) – to protect our products.

More incinerators on the horizon? [Minn/St.Paul is adding a 4th...](#)



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THANK YOU!

used for irrigation.”

- **Research: Water treatment residuals (WTR) reduce phosphorus runoff in Vermont studies.**
- **Research: Nitrous oxide (N2O) emissions happen in agricultural settings, including from biosolids.**
- **Granby, MA residents raised concerns about biosolids and residuals reclamation activity that wasn't happening.**
- **Politics & biosolids - New York**
- **Keep communicating with neighbors to avoid upsets!**
- **The Global GAP standard - an international guidance for farmers that currently precludes biosolids use...**
- **Organic v. conventionally-grown food: "no meaningful differences"**

[Read all ... In brief / en bref...](#)



NEBRA's Conference - Sept. 9 - 12 - Halifax

Stellar [Tech Sessions](#) & [Tour](#) • Networking

Keynotes: [Pam Elardo](#), NY City DEP

[Marc Hébert](#), Quebec

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