Message

From: Ulrich, Elin [Ulrich.Elin@epa.gov]
Sent: 12/14/2021 7:48:47 PM
To: Hladik, Michelle L [mhladik@usgs.gov]
CC: Minucci, Jeffrey [Minucci.Jeffrey@epa.gov]; Purucker, Tom [Purucker.Tom@epa.gov]
Subject: RE: [EXTERNAL] AltEn research interest

Flag: Follow up

We just got Tom and Jeff in touch with Judy about pollinators, so that's awesome!

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Elin M. Ulrich, Ph.D. (she/her); Branch Chief
Advanced Analytical Chemistry Methods Branch
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U.S. Environmental Protection Agency
109 TW Alexander Dr.
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Research Triangle Park, NC 27711
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SAVE THE DATE:
SETAC Focused Topic Meeting "Non-Target Analysis for Environmental Asessment" May 22-26, 2022, Durham, NC and virtual

RECENT PUBLICATIONS:
Benchmarking and Publications for Non-Targeted Analysis (BP4NTA) website
"An Introduction to the Benchmarking and Publications for Non-Targeted Analysis Working Group"
"A Framework for Utilizing High-Resolution Mass Spectrometry and Non-targeted Analysis in Rapid Response and Emergency Situations"
"Predicting compound amenability with liquid chromatography-mass spectrometry to improve non-targeted analysis"

From: Hladik, Michelle L <mhladik@usgs.gov>
Sent: Tuesday, December 14, 2021 2:45 PM
To: Ulrich, Elin <Ulrich.Elin@epa.gov>
Cc: Minucci, Jeffrey <Minucci.Jeffrey@epa.gov>; Purucker, Tom <Purucker.Tom@epa.gov>
Subject: Re: [EXTERNAL] AltEn research interest

Elin, thanks for the introductions!

My group's goal is to assess the exposure and uptake of chemicals used at the AltEn facility. We are still trying to determine which matrices are available and how many samples we can realistically process. Right now our focus is on the following matrices:

Brid eggs, mostly red-winged blackbirds: assess which pesticides, if any are present in bird eggs collected at locations of varying distance from the AltEn facility. There are several hundred samples, we have extracted a handful of "pilot" samples closest to the AltEn facility.

Bullfrog tadpoles: assess aquatic uptake, I think there are about 80 samples,

Pollinator related: plants (e.g., milkweed), potentially others such as nectar, pollen, bees, etc. I hope to touch base with Judy Wu-Smart this week to prioritize these samples, there are many more samples collected than we can analyze.

Happy to discuss this further,

-Michelle

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From: Ulrich, Elin <Ulrich.Elin@epa.gov>
Sent: Tuesday, December 14, 2021 5:31 AM
To: Hladik, Michelle L <mhladik@usgs.gov>
Cc: Minucci, Jeffrey <Minucci.Jeffrey@epa.gov>; Purucker, Tom <Purucker.Tom@epa.gov>
Subject: [EXTERNAL] AltEn research interest

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Hi Michelle,
Dan Snow (Univ Nebraska Lincoln) reached out to me several months ago about a potential research collaboration at the AltEn site. We've had a few conversations, and it came up that you were collecting some interesting samples. Jeff and Tom (copied) are interested in ecological exposures, so I wanted to connect you to potentially start a research discussion. We only know the bare minimum about what you're doing, so hypotheses, goals, and samples collected might be a good place to start. Tom and Jeff and fill you in on their interests and tools as well. Let me know if I can further assist with any coordination!

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