

NSC Technical Subcommittee Call Minutes – June 17, 2025

Participation [by region]:

- 1: Ann Astarita & Alyssa Moodie - **NH**
- 2: Ed Bakos - **NJ**
- 3: Olivia Achuko – **DC** and Valerie Shaffer, Kristina Snurkowski, Carrie Wintersteen & Jeremy Hancher – **PA**
- 4: Shannon Urbanik, Sierra McComas, Brittany Kring & Allison Hall – **KY**; Ginna McWhirter & Donovan Grimwood – **TN**; Dylan Edeker - **FL** and Tony Pendola – **NC**
- 5: Ed Bakowski – **IL**; Christine Grossman & Kaitlyn DeVries – **MI**; Samantha Connolly – **MN**; and Chrystal Wagner, Julie Rhodes, Leigh Anne Harvey, Hannah Hack & Mark Stoddard – **IN**
- 6: Natalie Cota - **OK**
- 7: Bob Randolph – **MO**; Olivia Merksick (Iowa Waste Reduction Center), Jordan Burrows & Jennifer Wittenburg - **IA** and Jacob Larson, Mary Baker, Cris Brazil, Keely Hutchinson & Leena Divakar – **KS**
- 8: Kaitlin Urso, Jarrett Vigil & Jesse Walters – **CO**
- 9: Alex Torres – **AZ** and Chris Lynch – **NV**

Unknown: Deborah Wehr, Drew Miller & Skylar Mosby

Speaker: Jacob Larson - **KSU**

Tech-Subcommittee: <https://nationalsbeap.org/committees/technical>

**** This presentation was recorded and will be posted on the National SBEAP YouTube channel at <https://www.youtube.com/channel/UC5PupYpZ1W6IG8CtzCINK8Q> ****

Vape Pen Disposal Nicotine & Batteries

<https://www.sbeap.org/>
Jacon Larson, P2 Specialist

Vape pens have a poor reputation in the waste sector, and part of the reason boils down to two components – nicotine-containing liquids, and lithium-ion batteries.

Nicotine can be toxic when ingested, absorbed through the skin, or inhaled in large amounts, while lithium-ion batteries pose a serious fire risk and a source of heavy metals when damaged. Both components can be a danger to human and environmental health, and both are commonly regulated as hazardous waste under RCRA.

This presentation will cover what vape devices are, their usage and disposal trends, key safety considerations, and RCRA compliance concerns in Kansas.

Bio

Jacob Larson is a pollution prevention specialist at K-State's Pollution Prevention Institute (PPI). He provides technical assistance to Kansas businesses on sustainability initiatives and environmental regulations – focusing on RCRA – through PPI's Small Business Environmental Assistance Program.

Jacob Larson

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Future topics:

- **July 15:** Printing topic, Gary Jones, Vice President, Environmental, Health & Safety Affairs, PRINTING United Alliance

Next Call: July 15

1 pm CDT (2 pm EDT) (3rd Tuesday of month)

Vape Pen Disposal Nicotine & Batteries

Questions and Resources during the Technical Presentation
June 17, 2025

Julie L Rhodes, IDEM 2:49 PM

Any models / BMPs for schools to collect these items since their students are not supposed to be having these materials at schools and yet they are causing issues.

Jacob Larson to Everyone 2:50 PM

<https://www.epa.gov/hw/how-safely-dispose-e-cigarettes-information-schools-and-small-businesses>

Christine Grossman to Everyone 2:51 PM

How would people test the battery charge in SUVs to confirm they're meeting the SOC (state of charge) limit of 30%, especially since for SUVs the battery is encased in the vape/plastic.

Julie L Rhodes, IDEM 2:59 PM

Any states looking at adding vape waste onto e-waste programs (Producer Responsibility)?

Jacob Larson 3:00 PM

https://www.youtube.com/watch?v=z8tWRhOafVU&ab_channel=NortheastRecyclingCouncil%2CInc.

Jacob Larson 3:02 PM

Speaking of state resources, here's Kansas': <https://www.sbeap.org/vape-waste>

Christine Grossman 3:11 PM

e-notices:

[Effective May 5, 2025: Michigan's Hazardous Waste Rules](#)

[Amended: https://content.govdelivery.com/accounts/MIDEQ/bulletins/3de57b9](#)

[EGLE encourages schools to clean out unwanted materials at year end, to keep people, property, and the environment safe – https://content.govdelivery.com/accounts/MIDEQ/bulletins/3e23e3c](#)

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guidance: <https://www.michigan.gov/egle/-/media/Project/Websites/egle/Documents/Programs/MMD/Hazardous-Waste/Nicotine-Vape-Guidance-for-Schools.pdf>

guidance: <https://www.michigan.gov/egle/-/media/Project/Websites/egle/Documents/Programs/MMD/Hazardous-Waste/HW-Pharmaceuticals-and-e-nicotine-guidance.pdf>

Connecticut HB 05019 – An Act Establishing Extended Producer Responsibility for Consumer Batteries, signed on June 10, 2025 - <https://www.billtrack50.com/billdetail/1768227>

Connecticut Public Act No. 25-34 - An Act Establishing Extended Producer Responsibility for Consumer Batteries, effective October 1, 2025 - <https://cga.ct.gov/2025/ACT/PA/PDF/2025PA-00034-R00HB-05019-PA.PDF>

Glossary of Terms Related to E-Cigarettes - <https://www.ncbi.nlm.nih.gov/books/NBK507189/>

E-Cigarette Glossary of Vaping Terms - <https://tobaccofree-ri.org/Training-EcigGlossary.pdf>

Vaping Lingo Dictionary -

https://truthinitiative.org/sites/default/files/media/files/2024/10/Vaping%20Lingo%20Dictionary_2024.pdf