**NSC Technical Subcommittee Call Minutes – May 18, 2021**

**Participation [by regions]:**

3: Jeremy Hancher, Lee Ann Briggs, Carrie Wintersteen, & Luke Hershey – **PA**, Suna Sariscak & Matt Hafner – **MD**, Pat Corbett – **VA**, Olivia Achuko – **DC**, and Edward Wiener – **PA – Philadelphia Air Management Services**

4: Donovan Grimwood & Crystal Warren – **TN**, Trayce Moore-Thomas – **MS**, and Tony Pendola - **NC**

5: Jennifer Feyerherm & Lisa Ashenbrenner-Hunt – **WI**; Emily Ohde & Jennifer Theodore – **MN**, Brittany Strobel – **IL**, andMark Stoddard– **IN**

6.

7: Lynelle Ladd & Nancy Larson – **KS,** Bob Randolph – **MO**

8:

9: Eric Florio – **NV**, and Jennifer Lipkin – **NV – Clark Co.**

10: Belinda Breidenbach - **ID**

EPA: Souad Benromdhane – EPA/SNAP

***Unidentified:***, 602-\*\*\*-\*941 (**State of Arizona**)

**March minutes:** approved as is

|  |
| --- |
| **Tech-Subcommittee:** <https://nationalsbeap.org/sbeap/resources/subcommittees/technical>  **Methyl Bromide Fumigation Operations**  **History, Current Status & Lessons Learned in Air Permitting**  Edward Wiener, Chief of Source Registration, Philadelphia AMS  Patrick Corbett, Air Toxics Coordinator, Virginia DEQ  Matt Hafner, Lead Engineer of the Chemical Unit, Maryland DE  **Edward** will discuss the basics of how these sources are currently permitted as well as touching on the required modeling, the ambient air threshold and how the details from the model are integrated into the permit. If time permits, **Edward** will share information regarding a planned modification to our air toxics regulation, which would require risk analysis.  **Pat** will provide an overview of Virginia's experience and lessons learned in permitting fumigation activities.  **Matt** will provide an overview of the history and current status of Methyl Bromide fumigation in Maryland.  **Edward Wiener**  **Chief of Source Registration**  **Philadelphia Air Management Services (AMS)**  Edward is the Chief of Source Registration at Philadelphia Air Management Services. He has worked at AMS for almost 31 years, most of them in permitting.  **Patrick Corbett**  **Air Toxics Coordinator**  **Virginia Department of Environmental Quality (DEQ)**  **Office of Air Permit Programs**  Pat has 16 years of experience with the Virginia DEQ in air permitting.  Pat is currently the Air Toxics Coordinator in the DEQ’s Office of Air Permit Programs.  Prior to joining DEQ he worked for 7 years in optical fiber manufacturing.  Pat has a B.S. in Chemistry from Clarkson University.  **Matt Hafner**  **Lead Engineer of the Chemical Unit**  **Maryland Department of the Environment**  **Air Quality Permits Program**  Matt has been writing permits for the Department since 2011 for a wide range of sources.  In addition to writing pre-construction permits, State operating permits, and Title V - Part 70 operating permits, Matt assists other engineers with technical reviews of applications and reviews draft permits.  Matt has a B.S. degree in Chemical Engineering and an M.S. degree in Civil and Environmental Engineering from the University of Maryland, College Park.  **Chat discussion:**  **Is this the white paper on methyl bromide that you referenced at the top of the hour?** <https://s3.amazonaws.com/marama.org/wp-content/uploads/2020/02/13091942/Fumigation_-White_-Paper-2019.pdf>  From Me to Jeremy Hancher: (Privately) 02:16 PM  Yes  From Souad Benromdhane to Everyone: 02:18 PM  I do have few questions  From Lynelle Ladd to Everyone: 02:21 PM  **Is there a technology where the methyl bromide gas is just captured (not on charcoal or other media) but in a totally sealed system and reused/recycled?**  From Pat Corbett - VADEQ to Everyone: 02:23 PM  **it is my understanding that reuse of methyl bromide is not yet approved for fumigation activities. last I heard there was much discussion about trying to get this approved for fumigation activities.**  From Tony Pendola to Everyone: 02:43 PM  Were the unpermitted sources fined? How much?  From Me to Everyone: 02:53 PM  Aside from a port, what other areas might you find these operations?  Would you expect some of these operations to relocate inland along a transportation corridor such as the Ohio River or rail line?  From Lynelle Ladd to Everyone: 02:57 PM  In Kansas, we had a candy manufacturer fumigating nuts that came in to use in the candy (back in the late 90s, not sure they still use MB or not). Also had a company install a fumigation unit for pallets (also early 2000 but that didn't last) with plan of the pallets for use in export shipping.  From Me to Everyone: 02:57 PM  What type of records might be required in a permit (e.g., usage records)?  From Souad Benromdhane to Everyone: 02:58 PM  Any MARAMA workgroup activity update?  From Me to Everyone: 03:00 PM  Where does one purchase MeBr? It would seem like it would be difficult to obtain.  From Souad Benromdhane to Everyone: 03:07 PM  here is an example:  <https://www.icl-ip.com/product/methyl-bromide-100/>  From Trayce Thomas to Everyone: 03:08 PM  Thanks everyone |
| **Future topics:**   * **June 8-10**: SBEAP 2021 Virtual Annual Training – Technical will not convene on June 15 * **June 8:** Transitioning to Safer Solvent Alternatives – Dr. Katy Wolf, IRTA **June 9:** 6H updates – Tony Pendola, NCDENR, and John Feather, EPA OAQPS * **July 20**: P2OAsys/Cleaner Solutions Database, Alicia McCarthy, TURI * **August 17**: Multi-Sector General Permit for industrial stormwater discharges, Emily Halter, EPA Office of Water * **September 21**: Industrial Storm Water Permitting Basics, Ryan Grant, Michigan EGLE   **Next: June 8-10 SBEAP 2021 Virtual Annual Training**  **Next Call: July 20, 2021**  1 pm CST (2 pm EST) (3rd Tuesday of month) |