



Overview of Current Information

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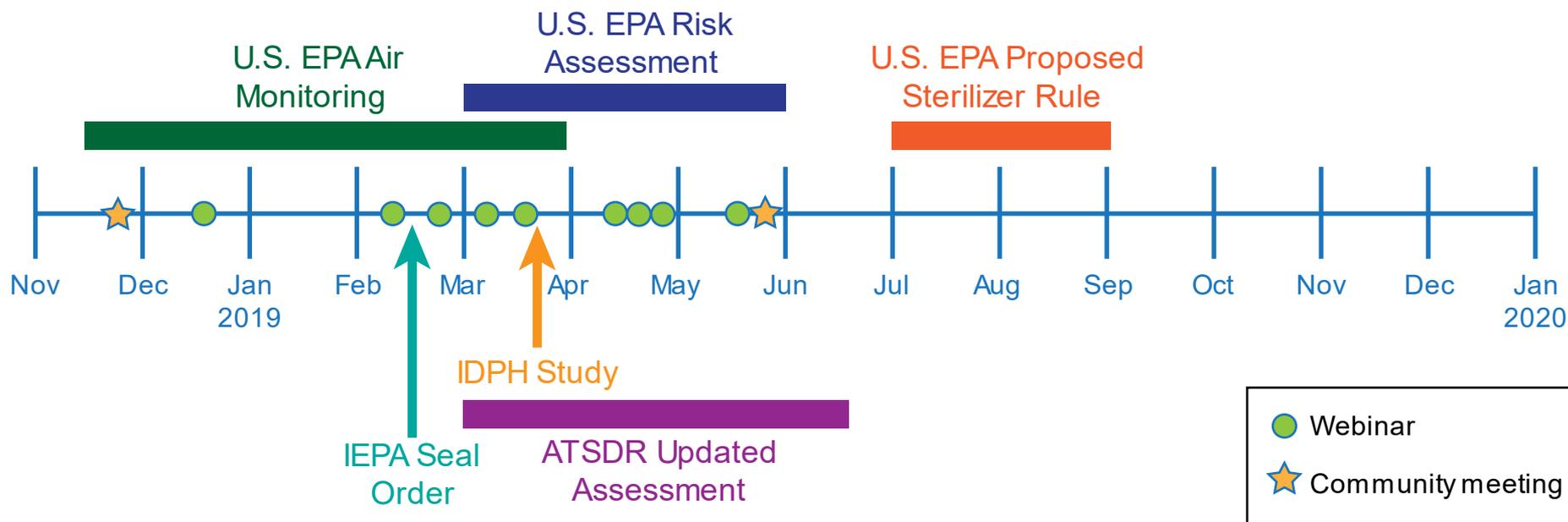


Air Toxics Regulation: Roles and Responsibilities

- EPA
 - Sets national rules and policies
 - Looking nationally at EtO related issues
 - Other potential risk areas
 - Proposing updates to national requirements through rule
- States
 - Implement the national rules
 - Work in individual communities to reduce risk
 - Issue and enforce permits



Timeline





Main Takeaways

- Estimated risks at recent, pre-seal order operating/emissions levels require regulatory action.
- Risk could be reduced if the facility was more highly controlled.
- EPA is committed to working with the state of Illinois to establish a protective control strategy prior to any reopening of the facility



Recent U.S. EPA Activities and Findings

Air Monitoring

- Sampling on 49 days (over 4-1/2 months from mid-November 2018 to end March 2019) at 8 sites. Six data postings/webinars.
- Main Findings:
 - Considerable day-to-day variation in measured EtO concentrations
 - Facility is responsible for significant amount of measured EtO concentrations
 - Background levels of EtO exist – at much lower level, but measurable
 - Monitoring data used to refine estimate of pre-seal order emissions

Risk Assessment Modeling

- Examined pre-seal order and possible future conditions
- Main Findings:
 - Estimated risks associated with pre-seal order conditions require regulatory action.
 - Estimated risks could be low if the facility was more highly controlled.

Ongoing Engagement

- Regular website updates
- FAQs
- Numerous webinars – on monitoring data, public engagement in rulemaking, air toxics 101, and risk assessment basics



U.S. EPA Future Actions

National Rules

- Commercial Sterilizers – proposal summer 2019
- Miscellaneous Organic Chemical Manufacturing (MON) – proposal summer 2019

Case-by-Case Review

- EPA working with state air agencies to address other high risk areas identified by NATA

Technical Work

- Improve monitoring methods
- Improve emission inventories (Toxics Release Inventory and National Emissions Inventory)
- Understand what sources contribute to background EtO