Massachusetts
Toxics Use Reduction

TURA Program Update

Fall 2020 TUR Planner Continuing Education
Virtual Conference
Oct 27, 2020

TURI
TOXICS USE REDUCTION INSTITUTE
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MassDEP

OTA
OFFICE OF TECHNICAL
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MassDEP COVID-19 filing deadline extension

Massachusetts Toxics Use Reduction

- Due to the COVID-19 pandemic, MassDEP will treat as timely any **TUR Report and Plan Summary** filed up to 120 days after the original July 1, 2020, deadline (or by **November 1, 2020**)

- Planner Certification: All re-certifications that expired prior to July 10, 2020 were due by October 1, 2020

TURA Chemical List

Massachusetts Toxics Use Reduction

- **C1-C4 Halogenated Hydrocarbons/ Halocarbons Not Otherwise Listed**
  - State only chemical
  - First reports due Nov. 1, 2020 (for RY2019)
  - Resources: see handout

- **Nonylphenol ethoxylates (NPEs) TRI/EPCRA category**
  - Category of 13 specific NPEs
  - TRI/Federal: First reports due July 1, 2020 (for RY2019)
  - TURA/State: First reports due July 1, 2021 (for RY 2020)

TURA Administrative Council

Massachusetts Toxics Use Reduction

- Addition of TRI NDAA PFAS chemicals
  - 172 PFAS chemicals added to TRI for 2020 reporting year, as required in the NDAA 2020 legislation
    - 14 specific long-chain and GenX PFAS, plus 158 precursor PFAS
    - Individually listed with 100 lb reporting threshold
  - Nov 20, 2020 Public Hearing on draft regulations, 1-3PM
- Not reportable under TURA for 2020 reporting year

TURA Advisory Committee

Massachusetts Toxics Use Reduction

- Upcoming Virtual Meeting:

  October 30, 2020

  12:30PM-2:30PM

<u>Agenda</u>

- TRI NDAA PFAS regulations
- Revised Draft PFAS policy analysis
- Ad Hoc committee on TURA Improvement
- Program update

TURA Ad-Hoc Committee on TURA Improvement

Massachusetts Toxics Use Reduction

The Administrative Council has designated an ad hoc committee to review experiences since the 2006 TURA Amendments

Looking forward to the next decade and the critical priorities of Massachusetts with respect to toxic chemicals and safer materials.

TURA Ad-Hoc Subcommittee on TURA Improvement

Massachusetts Toxics Use Reduction

- Upcoming Virtual Meeting - Orientation
  - Nov 19, 2020 3-5PM
- Subsequent meeting topics
  - Compliance and Enforcement
  - Resource Conservation Planning
  - TUR Planners
  - Toxic or Hazardous Substance List
  - Fees

PFAS Policy Analysis

Massachusetts Toxics Use Reduction

Proposed PFAS category recommended by SAB:

- Those PFAS that contain:
  - A perfluoroalkyl moiety with three or more carbons (e.g., $–C_nF_{2n}–$, n ≥ 3; or $CF_3–C_nF_{2n}–$, n≥2) or
  - A perfluoroalkylether moiety with two or more carbons (e.g., $–C_nF_{2n}OC_mF_{2m}–$ or $–C_nF_{2n}OC_mF_m–$, n and m ≥ 1), and
  - That are not otherwise listed

Science Advisory Board

Massachusetts Toxics Use Reduction

- Quaternary ammonium compounds
- Nanomaterials – petition to list carbon nanotubes and carbon nanofibers

TURA Staff Changes

Massachusetts Toxics Use Reduction

- **Tiffany Skogstrom** – Acting OTA Director and Executive Director of TURA Administrative Council

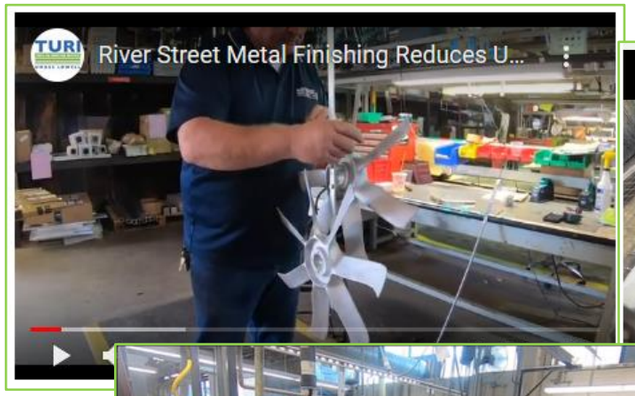
- **Caredwen Foley** – OTA Communications and Outreach

Retirements

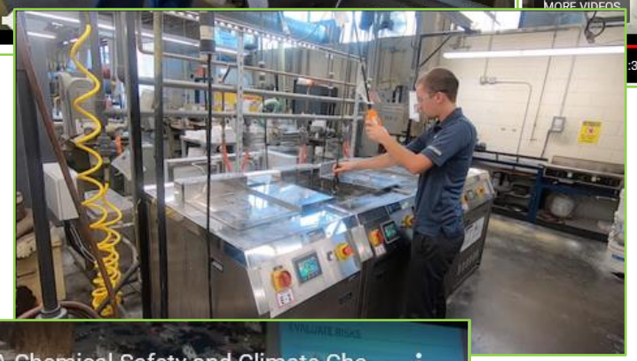
- **Rich Bizzozero and Felice Kincannon** have retired – we wish them well!

TURA Program Resources

Massachusetts Toxics Use Reduction



Videos, demo sites, case studies



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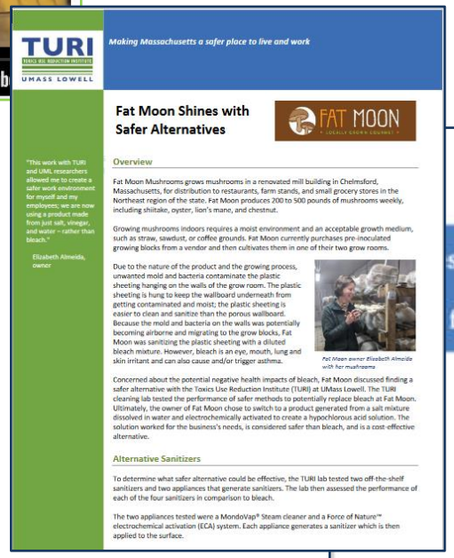
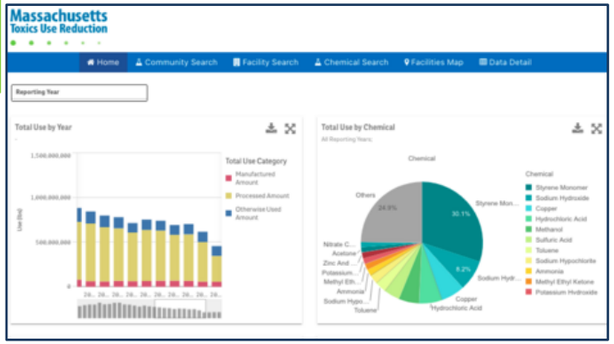
OTA Outlook





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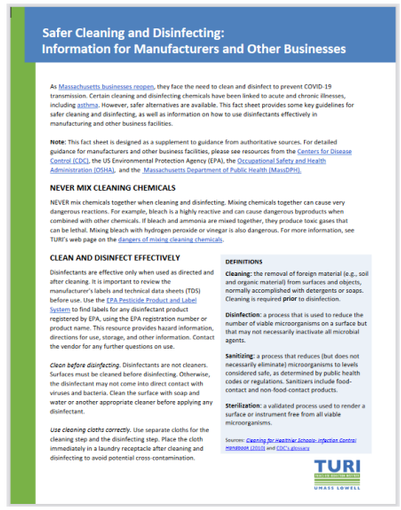
Greenlist Bulletin

See written program update posted with conference materials



Cleaning and Disinfecting information

TURI Grant Projects – FY 2021
Safer Solvents

Massachusetts Toxics Use Reduction

Steel Art Company, Norwood

- Safer substitute for n propyl bromide

Grove Hall Cleaners, Dorchester

- Professional wet cleaning

Asst. Prof. Chen, UMass Lowell Plastics Engineering, partnering with Johnson Matthey

- Safer substitute for methylene chlorine in pharmaceuticals

TURI Grant Projects – FY 2021
Safer cleaning and disinfection

Massachusetts Toxics Use Reduction

- Family Martial Arts Center, Leominster, Fitchburg
- Clean Water Fund, with MassCOSH, Resilient Sisterhood Project, Vida Verde Women's Co-op, and AFT-Massachusetts
- Brazilian Women's Group
- Informed Green Solutions
- Silent Spring Institute, with Resilient Sisterhood Project

  + product choices for women of color

TURI Grant Projects – FY 2021
Food Systems and Processing

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- Wellspring Harvest Corporation, Springfield
  - Eliminating pesticides with tighter process and humidity control

EPA Healthy Communities grant

- TURI obtained an EPA grant for Lean manufacturing for food processors in the Merrimack Valley

OTA Virtual Site Visits

Massachusetts Toxics Use Reduction

Chemists and Engineers available by:

- Virtual Zoom site visits
- Phone
- Email

Forms of Assistance:

- Toxics Use Reduction
- Regulatory and Compliance
- Resource conservation
- Pollution prevention
- Identifying PFAS products

Contact us any time!

Massachusetts Toxics Use Reduction

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TURI questions:	Liz Harriman harriman@turi.org TURI Staff: https://www.turi.org/About/Staff_List
OTA questions:	Tiffany Skogstrom Tiffany.skogstrom@mass.gov OTA Staff: https://www.mass.gov/service-details/otas-team
MassDEP questions:	Planning: Lynn Heisey Cain lynn.cain@mass.gov Reporting: Walter Hope walter.hope@mass.gov C&E: Veronica Wancho O'Donnell veronica.odonnell@state.ma.us

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