

## TURA Program Update October 2017

### TURA Program Events and Publications

#### [Toxics Use Reduction and Resource Conservation: Competitiveness Impacts for Massachusetts Businesses](#)

- [https://www.turi.org/TURI\\_Publications/TURI\\_Reports/Toxics\\_Use\\_Reduction\\_and\\_Resource\\_Conservation\\_Compitiveness\\_Impacts\\_for\\_Massachusetts\\_Businesses/TURI\\_Report\\_2017.002](https://www.turi.org/TURI_Publications/TURI_Reports/Toxics_Use_Reduction_and_Resource_Conservation_Compitiveness_Impacts_for_Massachusetts_Businesses/TURI_Report_2017.002)

#### [2016 Progress Report on the Massachusetts Toxics Use Reduction Program](#)

- <http://www.mass.gov/eea/waste-mgmt-recycling/toxics/toxic-use-reduction/toxics-use-reduction-act/tura-program-accomplishments.html>

#### Key Events: February 2017 – October 2017

- Spring TUR Planner CE Conference (4/6/17)
- Spring TURA Reporting Workshops (May 2017)
- Meeting of the Administrative Council on Toxics Use Reduction (6/5/17)
- Honoring Champions of Toxics Use Reduction in Massachusetts (6/20/17)
- TUR Planner Course (Fall 2017)
- TURA Calendar Year 2016 Annual Reports Due (7/1/17)

#### Upcoming Events:

- Meeting of the Administrative Council on TUR (10/16/17)
- Mark Richey Woodworking Demonstration and Recognition Event (10/19/17)
- Fall TUR Planner CE Conference (11/16/17)
- Webinar: Nanotechnology Use and Implications (12/5/17)
- Resource Conservation Planning Course (February 2018)
- Spring TUR Planner CE Conference (4/25/18)

### Toxics Use Reduction Institute (TURI)

#### TURI Move

TURI will be moving into renovated space in Boott Mills complex in Lowell this winter! Our offices, the cleaning lab, library, and a training space will be located there. Watch for the open house announcement and please come and visit!

#### TURI Publications

- [From Perchloroethylene Dry Cleaning to Professional Wet Cleaning: Making the Health and Business Case for Reducing Toxics](#). 2017 Authors: Onasch, J., Jacobs, M., Biddle, E.
  - [https://www.turi.org/TURI\\_Publications/TURI\\_Staff\\_Publications/From\\_Perchloroethylene\\_Dry\\_Cleaning\\_to\\_Professional\\_Wet\\_Cleaning\\_Making\\_the\\_Health\\_and\\_Business\\_Case\\_for\\_Reducing\\_Toxics\\_2017](https://www.turi.org/TURI_Publications/TURI_Staff_Publications/From_Perchloroethylene_Dry_Cleaning_to_Professional_Wet_Cleaning_Making_the_Health_and_Business_Case_for_Reducing_Toxics_2017)
- [Artificial Turf Fact Sheet](#)
  - [https://www.turi.org/TURI\\_Publications/TURI\\_Chemical\\_Fact\\_Sheets/Artificial\\_Turf\\_Fact\\_Sheet](https://www.turi.org/TURI_Publications/TURI_Chemical_Fact_Sheets/Artificial_Turf_Fact_Sheet)
- [Nanomaterials Fact Sheet](#)
  - [https://www.turi.org/TURI\\_Publications/TURI\\_Chemical\\_Fact\\_Sheets/Nanomaterials\\_Fact\\_Sheet](https://www.turi.org/TURI_Publications/TURI_Chemical_Fact_Sheets/Nanomaterials_Fact_Sheet)
- [Assessment of Safer and Effective Alternatives to Methylene Chloride for Paint Stripping Products](#)
  - [https://www.turi.org/TURI\\_Publications/TURI\\_Reports/Assessment\\_of\\_Safer\\_and\\_Effective\\_Alternatives\\_to\\_Methylene\\_Chloride\\_for\\_Paint\\_Stripping\\_Products](https://www.turi.org/TURI_Publications/TURI_Reports/Assessment_of_Safer_and_Effective_Alternatives_to_Methylene_Chloride_for_Paint_Stripping_Products)

#### TURI Videos

- [Safer Alternatives for Athletic Fields](#)
  - [https://www.turi.org/Our\\_Work/Home\\_Community/Artificial\\_Turf](https://www.turi.org/Our_Work/Home_Community/Artificial_Turf)
- [Finding Safer Alternatives to Toxic Solvents](#)

- [https://www.turi.org/Our\\_Work/Research/Greener\\_Materials\\_Research\\_Symposium](https://www.turi.org/Our_Work/Research/Greener_Materials_Research_Symposium)
- [Can Cleaning Products Disinfect?](#)
- [https://www.turi.org/Our\\_Work/Research/Greener\\_Materials\\_Research\\_Symposium](https://www.turi.org/Our_Work/Research/Greener_Materials_Research_Symposium)

## **Office of Technical Assistance and Technology (OTA)**

### **On-site Technical Assistance**

During Fiscal Year 2017 (FY17), OTA personnel made 66 visits to 49 facilities across Massachusetts. As a result of recommendations given to facilities during FY17, OTA recorded the following reductions (combined results from several facilities):

- \$168,935 in total annual costs
- 875,726 kWh in total annual electricity consumption
- 19,341 pounds in total annual toxics use

### **Building Chemical Safety into Climate Change Resiliency Planning Grant**

Through a grant from the US Environmental Protection Agency (EPA), The Massachusetts Office of Technical Assistance (OTA) and seven Regional Planning Agencies (RPAs) are conducting workshops designed to build awareness and educate Local and Regional Emergency Planning Committees (LEPCs and REPCs), first responders, businesses and community stakeholders about toxic chemicals in their communities. This effort will build sustainable and replicable models for incorporating toxics use reduction into emergency preparedness and climate change resiliency planning. **The trainings for municipal facilities, first responders and community organizations are scheduled for September – November 2017.** Future trainings for private industry and businesses will be scheduled for 2018. View the training calendar at [www.mass.gov/eea/ota-climate](http://www.mass.gov/eea/ota-climate)

### **OTA Publications**

- [Mark Richey Woodworking, Inc: Toxic Use and Waste Reduction](#)
  - <http://www.mass.gov/eea/docs/eea/ota/mark-richey-woodworking.pdf>

## **Department of Environmental Protection (MassDEP)**

### **Online Toxics Use Reduction Planner Application**

MassDEP implemented a new online system for applying for initial certification as a Toxics Use Reduction Planner, Resource Conservation Planner and Environmental Management System Planner, and for biennial renewals on April 28, 2017. The new system provides an electronic portal for submitting all of the documentation needed to obtain the certification or renewal, and for receiving the approval letter and certification documents.

### **Annual Toxics Use Reduction Reporting**

The 2016 Annual Toxics Use Reduction Reports were due on July 1, 2016. 468 facilities have submitted reports on a total of 1,430 individual chemicals used in 2016. Since July 1, MassDEP issued notices of noncompliance to 8 facilities for late or “missed” 2016 reports, and 3 for facilities that had failed to submit prior year reports. The owed reports have all been submitted. Since February facilities have submitted an additional 36 reports covering chemical use prior to 2016.

### **Regional Inspection and Enforcement Activity**

MassDEP regional offices have conducted 50 inspections of TURA filers or suspected TURA filers. These have resulted in 2 NONs for and 4 Administrative Orders with Penalty for facilities that failed to submit the required TURA reports.