

## **TURA Program Update May 2016 – February 2017**

### **TURA Amnesty Program**

MassDEP implemented a one-time reduction in its enforcement response to encourage facilities that had failed to comply with the reporting requirements to voluntarily return to compliance. The program which ran from January 2015 through July 1, 2016 resulted in the receipt of one or more previously un-submitted reports on over 220 chemicals from 130 facilities.

### **New Higher Hazard Substance for 2017: Toluene Diisocyanates**

As of January 1, 2017, 2, 4-TDI (CAS 584-84-9); 2, 6-TDI (CAS 91-08-7); and TDI Mixed Isomers (CAS 26471-62-5) are designated as Higher Hazard Substances (HHS). Businesses using these substances must begin tracking their usage starting in calendar year 2017 and the first reports are due to MassDEP by July 1, 2018.

### **TURA Program Events**

#### ***Key Events: May 2016 – January 2017***

- Honoring Champions of Toxics Use Reduction in Massachusetts (6/8/16)
- Manufacturing Month Event with Mark Richey Woodworking (10/27/16)
- Fall TUR Planner CE Conference (11/15/16)
- TUR Planner Course (9/6-11/3/2016) & Exam (12/9/2016)
- TURA EMS Training (1/19/17 & 1/26/17)

#### ***Upcoming Events:***

- Spring TUR Planner CE Conference (4/6/17)
- Greener Materials Research Symposium (5/10/17)
- Honoring Champions of Toxics Use Reduction in Massachusetts (6/20/17)

### **TURI Grants**

12 companies, community organizations, and other entities received grants from TURI for FY17. See page 3 for details.

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

Through a grant from EPA, OTA will be working with Massachusetts Regional Planning Agencies (RPAs) to sponsor workshops designed to build awareness and educate city officials, community leaders, Local Emergency Planning Committees (LEPCs), businesses, and community stakeholders about toxic chemicals in their communities. OTA has selected ESIS Inc. as the project consultant to provide technical expertise to the RPAs as they organize their workshops for the grant lasting through September 2018. OTA has also selected 7 RPAs from regions across the state: CMRPC, MVPC, FRCOG, MRPC, NMCOG, PVPC, and SRPEDD. For more information visit [www.mass.gov/eea/ota-climate](http://www.mass.gov/eea/ota-climate)

### **Links**

#### ***TURI***

- [TDI Fact Sheet:](http://www.turi.org/TURI_Publications/TURI_Chemical_Fact_Sheets/Toluene_Diisocyanates)  
[http://www.turi.org/TURI\\_Publications/TURI\\_Chemical\\_Fact\\_Sheets/Toluene\\_Diisocyanates](http://www.turi.org/TURI_Publications/TURI_Chemical_Fact_Sheets/Toluene_Diisocyanates)
- [TSCA Overview:](http://www.turi.org/Our_Work/Chemicals_Policy/Lautenberg_Act_Overview2) [http://www.turi.org/Our\\_Work/Chemicals\\_Policy/Lautenberg\\_Act\\_Overview2](http://www.turi.org/Our_Work/Chemicals_Policy/Lautenberg_Act_Overview2)
- [TSCA Preemptions:](http://www.turi.org/TURI_Publications/TURI_Chemical_Fact_Sheets/TSCA_Preemption_Provisions2)  
[http://www.turi.org/TURI\\_Publications/TURI\\_Chemical\\_Fact\\_Sheets/TSCA\\_Preemption\\_Provisions2](http://www.turi.org/TURI_Publications/TURI_Chemical_Fact_Sheets/TSCA_Preemption_Provisions2)

- [Case Study for Mike's Auto Body:](http://www.turi.org/TURI_Publications/Case_Studies/Autobody_and_Auto_Repair/Mike_s_Autobod_y_Case_Study)  
[http://www.turi.org/TURI\\_Publications/Case\\_Studies/Autobody\\_and\\_Auto\\_Repair/Mike s Autobod y Case Study](http://www.turi.org/TURI_Publications/Case_Studies/Autobody_and_Auto_Repair/Mike_s_Autobod_y_Case_Study)
- [Case Study for Minuteman Press of Foxboro:](http://www.turi.org/TURI_Publications/Case_Studies/Printing/Minuteman_Press_of_Foxboro_Goes_all_Green_with_New_Equipment)  
[http://www.turi.org/TURI\\_Publications/Case\\_Studies/Printing/Minuteman\\_Press\\_of\\_Foxboro\\_Goes\\_all\\_Green\\_with\\_New\\_Equipment](http://www.turi.org/TURI_Publications/Case_Studies/Printing/Minuteman_Press_of_Foxboro_Goes_all_Green_with_New_Equipment)
- [Article from the TURI Lab on Cleaning and Disinfection:](http://www.turi.org/TURI_Publications/TURI_Staff_Publications/The_Effectiveness_of_Three_Home_Products_in_Cleaning_and_Disinfection_of_S._aureus_and_E._coli_on_Home_Environmental_Surfa ces_2015)  
[http://www.turi.org/TURI\\_Publications/TURI\\_Staff\\_Publications/The\\_Effectiveness\\_of\\_Three\\_Home\\_Products\\_in\\_Cleaning\\_and\\_Disinfection\\_of\\_S. aureus\\_and\\_E. coli\\_on\\_Home\\_Environmental\\_Surfa ces\\_2015](http://www.turi.org/TURI_Publications/TURI_Staff_Publications/The_Effectiveness_of_Three_Home_Products_in_Cleaning_and_Disinfection_of_S._aureus_and_E._coli_on_Home_Environmental_Surfa ces_2015)
- [Video on TURI Grantee City of Springfield's Organic Land Care:](http://www.turi.org/Our_Work/Home_Community/Community_Grants/Library_of_Past_Projects/Pe sticides/Springfield_s_Transition_of_Public_Land_Management_to_Organic_Land_Care)  
[http://www.turi.org/Our\\_Work/Home\\_Community/Community\\_Grants/Library\\_of\\_Past\\_Projects/Pe sticides/Springfield\\_s\\_Transition\\_of\\_Public\\_Land\\_Management\\_to\\_Organic\\_Land\\_Care](http://www.turi.org/Our_Work/Home_Community/Community_Grants/Library_of_Past_Projects/Pe sticides/Springfield_s_Transition_of_Public_Land_Management_to_Organic_Land_Care)
- [Updated nPB Fact Sheet:](http://www.turi.org/TURI_Publications/TURI_Chemical_Fact_Sheets/n-Propyl_Bromide) [http://www.turi.org/TURI\\_Publications/TURI\\_Chemical\\_Fact\\_Sheets/n-Propyl\\_Bromide](http://www.turi.org/TURI_Publications/TURI_Chemical_Fact_Sheets/n-Propyl_Bromide)
- [Fall CE Conference Recap and Photos:](http://www.turi.org/Our_Work/Education_and_Training/Continuing_Education/Recent_Training_Pr esentations/Continuing_Education_Conference_Fall_2016)  
[http://www.turi.org/Our\\_Work/Education\\_and\\_Training/Continuing\\_Education/Recent\\_Training\\_Pr esentations/Continuing\\_Education\\_Conference\\_Fall\\_2016](http://www.turi.org/Our_Work/Education_and_Training/Continuing_Education/Recent_Training_Pr esentations/Continuing_Education_Conference_Fall_2016)
- [Honoring Champions of Toxics Use Reduction in Massachusetts Event Recap and Photos:](http://www.turi.org/News/Press_Releases/2016_Champions_Recognized_at_State_House_Ceremon y)  
[http://www.turi.org/News/Press\\_Releases/2016\\_Champions\\_Recognized\\_at\\_State\\_House\\_Ceremon y](http://www.turi.org/News/Press_Releases/2016_Champions_Recognized_at_State_House_Ceremon y)
- [Students Dig Up Dirt at Campus Bike Shop:](https://www.uml.edu/News/stories/2017/Students-Bike-Shop.aspx) <https://www.uml.edu/News/stories/2017/Students-Bike-Shop.aspx>
- [To detox manufacturing, businesses find a secret ingredient:](https://www.greenbiz.com/article/detox-manufacturing-businesses-find-secret-ingredient)  
<https://www.greenbiz.com/article/detox-manufacturing-businesses-find-secret-ingredient>
- [From Perchloroethylene Dry Cleaning to Professional Wet Cleaning: Making the Health and Business Case for Reducing Toxics:](http://www.turi.org/TURI_Publications/TURI_Staff_Publications/From_Perchloroethylene_Dry_Clean ing_to_Professional_Wet_Cleaning_Making_the_Health_and_Business_Case_for_Reducing_Toxics_2017)  
[http://www.turi.org/TURI\\_Publications/TURI\\_Staff\\_Publications/From\\_Perchloroethylene\\_Dry\\_Clean ing\\_to\\_Professional\\_Wet\\_Cleaning\\_Making\\_the\\_Health\\_and\\_Business\\_Case\\_for\\_Reducing\\_Toxics\\_2017](http://www.turi.org/TURI_Publications/TURI_Staff_Publications/From_Perchloroethylene_Dry_Clean ing_to_Professional_Wet_Cleaning_Making_the_Health_and_Business_Case_for_Reducing_Toxics_2017)

## OTA

- [Case Study for Mark Richey Woodworking Renewable Energy and Energy Efficiency:](http://www.mass.gov/eea/docs/eea/ota/case-studies/mark-richey-woodworking.pdf)  
<http://www.mass.gov/eea/docs/eea/ota/case-studies/mark-richey-woodworking.pdf>
- [OTA Services & Expertise Fact Sheet:](http://www.mass.gov/eea/docs/eea/ota/ota-services-and-expertise-2016.pdf) <http://www.mass.gov/eea/docs/eea/ota/ota-services-and-expertise-2016.pdf>
- [Climate Change Project website:](http://www.mass.gov/eea/ota-climate) [www.mass.gov/eea/ota-climate](http://www.mass.gov/eea/ota-climate)
- [Updated HHS/LHS Fact Sheet:](http://www.mass.gov/eea/docs/eea/ota/fact-sheets/high-hazard-substance-faq-final.pdf) <http://www.mass.gov/eea/docs/eea/ota/fact-sheets/high-hazard-substance-faq-final.pdf>
- [Manufacturing Month Event with Mark Richey Woodworking Press Release:](http://www.mass.gov/eea/pr-2016/state-recognizes-company-for-clean-energy-leadership.html)  
<http://www.mass.gov/eea/pr-2016/state-recognizes-company-for-clean-energy-leadership.html>

**FY 2017 TURI Grant Recipients:**

<b>Drs Gaines and Nagarajan - UMass Lowell</b> working with Siemens Healthcare Diagnostics Norwood	Cytotoxicity evaluation and biodegradation studies of sugar-based surfactants as an alternative to octylphenol ethoxylates
<b>Dr. Perry - UMass Amherst</b> working with Camco Manufacturing Leominster	Identify and evaluate alternatives to methanol for use in windshield washer fluid formulations
<b>Dr. Goodyear - UMass Lowell</b> working with MD Stetson Randolph	Determine the effectiveness of cleaning for disinfection
<b>Belmont Hill Cleaners</b> Belmont	Wet cleaning equipment purchase
<b>Gymnastics and More</b> Woburn	Replace flame retardant foam pit cubes with non-FR foam pit cubes
<b>Merrimack Ales</b> Lowell	On site testing of new and existing technologies and equipment for clean in place
<b>Minuteman Press</b> Foxboro	Installation of a digital envelope press to replace lithographic off-set press using solvent cleaners
<b>Groundwork Lawrence</b> Lawrence	Provide information about and recipes for less toxic household cleaners for display with DIY cleaning materials in bodegas in Lawrence
<b>Press Pass TV</b> Haydenville	Develop educational video and social media distribution campaign to educate a wide audience about how to reduce exposure to, and use of, BPA - by declining receipts, washing hands, and wearing gloves
<b>Silent Spring Institute</b> Newton	Research into recreational exposure to flame retardants in gymnastics equipment, particularly pit cubes, and safer alternatives.
<b>Hitchcock Center for the Environment</b> Amherst	The Hitchcock Center has taken the Living Building Challenge, and will deliver a series of educational programs focused on toxic materials most commonly used in building construction, and safer alternatives.
<b>Springfield Day Nursery</b> Springfield	Asthma reduction for at-risk families through education about safer cleaning materials