

TURA Program Update June 2017

TURA Amnesty Program

To encourage facilities to voluntarily return to compliance with TURA reporting requirements, MassDEP implemented the TURA Amnesty program to reduce enforcement actions and late fees. The program, which ran from January 2014 through July 1, 2016, resulted in the receipt of reports on 192 chemicals from 122 facilities. Some facilities submitted reports for up to three years' worth of chemical data. 26 facilities were new to the TURA program and 27 had reported in prior years but had stopped reporting. 69 were current reporters of other chemicals.

New Online Data Systems at MassDEP

MassDEP modernized its online TURA Reporting system, substantially improving system reliability and ease of reporting. It has also established an online application process for Toxics Use Reduction Planner certifications and re-certifications.

New Higher Hazard Substance for 2017: Toluene Diisocyanates (TDI)

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

Past Key Events

- Honoring Champions of Toxics Use Reduction in Massachusetts (6/8/16)
- Manufacturing Month Event with Mark Richey Woodworking (10/27/16)
- Fall Toxics Use Reduction Planner Continuing Education Conference (11/15/16)
- Toxics Use Reduction Planner Course (9/6-11/3/2016) & Exam (12/9/2016)
- TURA Environmental Management System Training (1/19/17, 1/26/17)
- Spring Toxics Use Reduction Planner Continuing Education Conference (4/6/17)
- Greener Materials Research Symposium (5/10/17)
- Annual TURA Reporting Training (5/9/17, 5/11/17, 5/23/17, 5/25/17)

Upcoming Events:

- Disaster Preparation Through Pollution Prevention Webinar, **June 7, 2017, 2:00PM – 3:30PM**
 - Speakers: Tiffany Skogstrom (OTA), Roy Crystal (EPA), Brenda Mirabile (FM Global)
 - Register and see more details here:
<https://register.gotowebinar.com/register/5932990414509054467>
- Honoring Champions of Toxics Use Reduction in Massachusetts **June 20, 2017, 11:00AM – 1:30PM**
 - Great Hall, Massachusetts State House

TURI Grants

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

TURI issued a call for FY18 grant applications. Applications for industry, small business, and community grants are due June 16.

- Industry Grants of up to \$30,000 are intended for manufacturing facilities to improve processes or install technology that results in reducing toxics. Preference is given to companies with 10 or more full-time employees that use listed toxic chemicals.

- Small Business Grants of up to \$10,000 are intended for businesses that provide services directly to consumers. For example, dry cleaners, restaurants, auto repair and tire shops, bathtub refinishers and other small businesses that replace toxics with safer alternatives are encouraged to apply.
- Community Grants of up to \$20,000 are available for regional or statewide projects and up to \$10,000 for local projects. The types of organizations that can apply include, but are not limited to, municipal governments, environmental and community organizations, youth organizations, housing authorities and school districts.
- Academic Research Grants of up to \$25,000 are available to UMass faculty and their graduate students to partner with Massachusetts companies on researching safer alternatives to toxic chemicals. Learn more and download the request for proposals.

More information is available at <http://www.turi.org/grants>.

Building Chemical Safety into Climate Change Resiliency Planning Grant

Through a grant from EPA, OTA has selected seven Regional Planning Agencies (CMRPC, MVPC, FRCOG, MRPC, NMCOG, PVPC, and SRPEDD) to hold workshops to educate city officials, community leaders, Local Emergency Planning Committees (LEPCs), businesses, and community stakeholders on incorporating chemical safety into emergency preparedness planning. In addition, OTA has created an interactive map that shows vulnerable areas, toxics users and environmental areas of concern. The map and upcoming trainings can be viewed at: 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
- [TSCA Overview:](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
- [Case Study for Mike's Auto Body:](http://www.turi.org/TURI_Publications/Case_Studies/Autobody_and_Auto_Repair/Mike_s_Autobody_Case_Study)
[http://www.turi.org/TURI_Publications/Case_Studies/Autobody_and_Auto_Repair/Mike s Autobody C
ase Study](http://www.turi.org/TURI_Publications/Case_Studies/Autobody_and_Auto_Repair/Mike_s_Autobody_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_Surfaces._2015)
[http://www.turi.org/TURI_Publications/TURI_Staff_Publications/The_Effectiveness_of_Three_Home_Pro
ducts_in_Cleaning_and_Disinfection_of_S._aureus_and_E._coli_on_Home_Environmental_Surfaces._201
5](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_Surfaces._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/Pesticides/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/Pestici
des/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/Pesticides/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_Presentations/Continuing_Education_Conference_Fall_2016)
http://www.turi.org/Our_Work/Education_and_Training/Continuing_Education/Recent_Training_Presentations/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_Ceremony)
http://www.turi.org/News/Press_Releases/2016_Champions_Recognized_at_State_House_Ceremony
- [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_Cleaning_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_Cleaning_to_Professional_Wet_Cleaning_Making_the_Health_and_Business_Case_for_Reducing_Toxics.2017
- Videos: [Finding Safer Alternatives to Toxic Solvents](#) and [Can Cleaning Products Disinfect?:](#)
http://www.turi.org/Our_Work/Research/Academic_Research_Grants/Greener_Materials_Research_Symposium

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
- [Map of Massachusetts Toxics Users & Climate Vulnerability Factors:](https://mass-eoea.maps.arcgis.com/apps/OnePane/basicviewer/index.html?appid=36d72b75ad55454fb8a9c1af809fa92a)
https://mass-eoea.maps.arcgis.com/apps/OnePane/basicviewer/index.html?appid=36d72b75ad55454fb8a9c1af809fa92a
- [Updated Higher Hazard Substances/Lower Hazard Substances 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:

Drs Gaines and Nagarajan - UMass Lowell working with Siemens Healthcare Diagnostics Norwood	Cytotoxicity evaluation and biodegradation studies of sugar-based surfactants as an alternative to octylphenol ethoxylates
Dr. Perry - UMass Amherst working with Camco Manufacturing Leominster	Identify and evaluate alternatives to methanol for use in windshield washer fluid formulations
Dr. Goodyear - UMass Lowell working with MD Stetson Randolph	Determine the effectiveness of cleaning for disinfection
Belmont Hill Cleaners Belmont	Wet cleaning equipment purchase
Gymnastics and More Woburn	Replace flame retardant foam pit cubes with non-FR foam pit cubes

<p>Merrimack Ales Lowell</p>	<p>On site testing of new and existing technologies and equipment for clean in place</p>
<p>Minuteman Press Foxboro</p>	<p>Installation of a digital envelope press to replace lithographic off-set press using solvent cleaners</p>
<p>Groundwork Lawrence Lawrence</p>	<p>Provide information about and recipes for less toxic household cleaners for display with DIY cleaning materials in bodegas in Lawrence</p>
<p>Press Pass TV Haydenville</p>	<p>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</p>
<p>Silent Spring Institute Newton</p>	<p>Research into recreational exposure to flame retardants in gymnastics equipment, particularly pit cubes, and safer alternatives.</p>
<p>Hitchcock Center for the Environment Amherst</p>	<p>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.</p>
<p>Springfield Day Nursery Springfield</p>	<p>Asthma reduction for at-risk families through education about safer cleaning materials</p>
<p>Little Leaf Farms Devens</p>	<p>Assessing less toxic alternatives for managing algae growth in growing gutters.</p>