

December 2016

Sports turf: fact sheet, video and other information



TURI has received inquiries from municipalities, universities, and other institutions making decisions about installation and maintenance of athletic playing fields.

In response, TURI is compiling information on a range of issues related to sports turf, including both artificial turf and organically managed natural grass turf.

The work is in progress, all of the current information can be found at www.turi.org/artificalturf.

Organic care for public land management in Springfield

With support from a TURI grant, the City of Springfield has adopted organic practices for sports fields and municipal green spaces. Watch TURI's [new video](#) on Springfield's organic land management.



Upcoming Events

Environmental Management System (EMS) Training

Facilities with mature TUR planning efforts may choose to utilize their Environmental Management Systems (EMS) in lieu of bi-annual TUR Planning. This course is designed to give TUR Planners the knowledge they need to certify that a company's EMS satisfies the requirements of the Toxics Use Reduction Act (TURA).

8:30AM to 4:30PM
Toxics Use Reduction Institute
600 Suffolk Street
Lowell, MA
Room 305

Other Events of Interest

CMBEN: MassDEP's Executive Order Summary

Thursday, December 15, 2016
9:00 to 11:00AM
MassDEP, CERO
8 New Bond Street
Worcester, MA

Save the Date!

Spring 2017 Continuing Education Conference
Thursday, April 6, 2017

Greener Materials Research Symposium
Wednesday, May 10, 2017

Fall Continuing Education Conference

More than 100 Toxics Use Reduction Planners and other professionals attended the Continuing Education Conference on November 15.

Keynote speaker Jim McCabe from Waters Corporation described the company's efforts to create a more sustainable supply chain by working with suppliers on specific sustainability metrics.



Sessions on topics such as TSCA, worker health and safety, and how to use SDSs in planning allowed for lively interactions among participants.



All of the [presentations](#) from this conference can be found on the TURI site.

TSCA Implementation Update: EPA names first ten chemicals for review and issues draft rule on TCE

EPA has published a list of the first ten chemicals that will be subject to a risk evaluation under the Toxic Substances Control Act (TSCA) as amended by the Frank R. Lautenberg Chemical Safety for the 21st Century Act.

The list includes four chemicals that are designated as Higher Hazard Substances under TURA: n-propyl bromide (1-bromopropane); methylene chloride; perchloroethylene; and trichloroethylene (TCE). For the full list of chemicals, see EPA's [press release](#).

EPA now has three years within which to complete a risk evaluation for each of these chemicals. If EPA finds that a chemical poses an unreasonable risk to human health or the environment, EPA will be required to take action to address the risk.

EPA has also issued a [draft rule](#) to regulate specific uses of TCE. The rule focuses on TCE use in spot cleaning at dry cleaning facilities and in aerosol degreasing. The Lautenberg Act allows EPA to move forward with this limited rule based on its prior work evaluating TCE risks in specific applications.

Links:

press release:

<https://www.epa.gov/newsreleases/epa-moves-ban-certain-aerosol-degreasers-and-dry-cleaning-spot-removers-first-major>

draft rule:

https://www.epa.gov/sites/production/files/2016-12/documents/prepubcopy_tce-aerosolspotting_nprm_frdocument_2016-12-06.pdf

The Pump Handle comments on EPA's first steps under TSCA

[The Pump Handle](#) writes about EPA's proposed rule to ban trichloroethylene (TCE). The article cites TURI's [research on alternatives](#) and [case studies](#) on effective alternatives to TCE-containing solvents.

Mike Ellenbecker named to ACGIH Board of Directors

Mike Ellenbecker, TURI's Director, has been named to a three year term to the board of directors of the American Conference of Governmental Industrial Hygienists. [Read more.](#)



UMass Lowell receives \$80,000 EPA Pollution Prevention Grant

The University of Massachusetts Lowell has been selected to receive \$80,000 over two years as one of five Pollution Prevention grants being awarded by EPA's New England Regional Office for the FY2016-FY2017 Pollution Prevention Grants cycle.

Under this grant, the Lowell Center for Sustainable Production at UMass Lowell will advance the awareness and adoption of pollution prevention practices to reduce the use of energy, water, and toxics in the food and beverage manufacturing and processing sector with an emphasis on seafood processing and dairy pasteurization. Roundtable meetings will be supported by audits, assessments, and technical assistance offered to companies by a wide range of project partners, including MassDEP, TURI and OTA.

TURI Lab Students hold DIY Workshop for Lowell High School Students



Catherine York, a UMass Lowell Nutritional Science Major, showed 17 Lowell High School chemistry students how to make their own home cleaning products and explained the value of DIY for home cleaning.

Find [DIY home cleaning recipes](#) on TURI's website.

Do It Yourself (DIY) cleaners provide safer alternatives to hazardous cleaning products and exist for nearly every type of household cleaner. These alternatives to traditional commercial household cleaners are easy to make out of common household ingredients, will most likely cost you less than store bought products and can work just as well, or even better!

Amendments to TURA Regulations 301 CMR 40.00 and 301 CMR 41.00

New Higher Hazard Substances for 2017: Toluene Diisocyanates

Note that effective 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) under TURA, with a reporting threshold of 1,000 lb. For more information on the

recently promulgated regulations and the previous public comment process, [click this link](#) and scroll to Amendments to TURA Regulations 301 CMR 40.00 and 301 CMR 41.00.

An updated [TDI Fact Sheet is available.](#)

Note: an updated [nPB Fact Sheet is also available.](#)

SAB Call for Information

Long and short chain perfluoroalkyl substances (PFASs) including PFOA and PFOS

The TURA Science Advisory Board (SAB) is reviewing hazard information on long and short chain perfluoroalkyl substances, including perfluorooctane sulfonic acid (PFOS) and perfluorooctanoic acid (PFOA). If you have information that you think would be useful, please contact [Heather Tenney](#) at TURI.

TURI offers services & programs to reduce the use of toxic chemicals, energy and water while enhancing the competitiveness of Massachusetts businesses.

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