

Planner Spotlight: Q&A with Ivy Muchuma

Environmental Safety Engineer and Reporting Manager at
Bradford Industries, Lowell



After earning a graduate degree in sustainable building systems at Northeastern University in 2015, Ivy Muchuma landed a job at Bradford Industries in Lowell.

One of her first responsibilities was to make sure that Bradford was in compliance with state and federal regulations. In just a few years, she's gone above and beyond her initial role.

After initially hiring a consultant to develop the company's Toxics Use Reduction Plans,

Ivy decided that she wanted to take on this responsibility. She dove into the Toxics Use Reduction Planner course in 2016 and applied the concepts she learned to Bradford's manufacturing process. [Read more about Ivy's experience as a Toxics Use Reduction Planner.](#)

TURA Environmental Management Systems Certification Course

- Tuesday, Feb. 5, 8:30 a.m. to 4:30 p.m., TURI, Lowell
- Tuesday, Feb. 12, 8:30 a.m. to 4:30 p.m., Umicore, Attleboro

[Learn more and register.](#)

[Register Now](#)

More Upcoming Events

- Save the Date: Thursday, April 4, 8 a.m. to 4 p.m., Spring Continuing Education Conference in Devens, Mass. Our keynote speaker is Raymond Lizotte, Director of the IT Environmental Stewardship Office at Schneider Electric. He will discuss the methods Schneider, a global manufacturer of uninterrupted power supplies, employs to integrate toxics use reduction planning into its process and product design choices.
 - Save the Date: Thursday, June 13, 11 a.m. to 1 p.m., Champions of Toxics Use Reduction recognition ceremony, Massachusetts State House Boston.
-

New Reportable Substances for Reporting Year 2019

For TURA reporting year 2019, covered industry sectors that use a category of chemicals known as **C1-C4 Halogenated Hydrocarbons/Halocarbons Not Otherwise Listed (C1-C4 NOL)** will need to report usage in 2020.

- Track usage of these substances during calendar year 2019.
- If your company's total use of these substances exceeds the reporting threshold, then you must submit TURA reports by July 1, 2020.
 - If the substances are incorporated into products or manufactured, the reporting threshold for the C1-C4 NOL category is 25,000 pounds.
 - If the substances are otherwise used, the reporting threshold is 10,000 pounds.
- The C1-C4 NOL category is defined as chemicals with 4 or fewer carbons, at least one halogen (fluorine, chlorine, bromine, and iodine), and only hydrogen as the other constituent. The C1-C4 NOL category includes only substances that are not already individually listed on the TURA chemical list.

For more information, contact the TURA program:

- [Industry specialists](#) at OTA or call 617-626-1080
- MassDEP: [Lynn Cain](#), 617-292-5711 or [Walter Hope](#), 617-292-5982
- TURI: [Heather Tenney](#), 978-934-3260

Additional Resource Link:

[Latest Changes to TURA Reporting as of June 26, 2018.](#)

Assabet Valley Technical High School Students Test Auto Parts Cleaner in TURI Lab



Two Assabet Valley Technical High School juniors, Rachele Harpin and Timothy Moore, used equipment in the TURI Cleaning Lab recently to test the effectiveness of a safer parts cleaner.

The Assabet AutoTech program received a TURI grant to purchase new parts washers that use a safer product to clean dirty, greasy auto parts. The bio-based SW-4 OzzyJuice product makes use microbes to clean oil and grease.

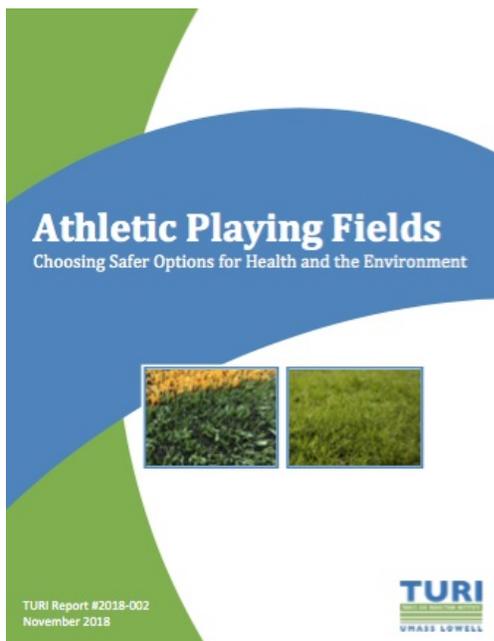
Rachele and Tim are comparing the bio-based washer to traditional solvent degreasers previously in use at the auto shop. The research that they conducted in the lab is also part of their project for the science fair at Assabet on February 14.

Think Spring: 6 Steps to Organic Grass Care by Chip Osborne

It's cold outside but this is the perfect time of year to get educated about how to transition to organic lawn and turf management. Start by listening to this five-minute video of Chip Osborne, President of Osborne Organics. He's helped many municipalities convert athletic playing fields to organic turf management.



New: Artificial Turf Report



When municipalities, universities, schools and other institutions consider what type of athletic playing fields to install, they sometimes face a decision among natural grass, artificial turf with crumb rubber infill and artificial turf with other forms of infill.

TURI's new report, [Athletic Playing Fields: Choosing Safer Options for Health and the Environment](#), provides information on materials used in turf as well as information on organic management of natural grass.

TURI conducted research on individual materials used in artificial turf and worked with municipalities and other institutions to facilitate the adoption of athletic field management practices that are cost effective and preferable for human health and the environment.

New: Playground Surfacing Report

Playground surfacing helps to protect children as they walk, run, jump, fall, and interact with their surroundings in the course of play. Some of these materials contain chemicals of concern for human

health and the environment.

TURI has compiled information on a range of playground surfacing options, with a particular focus on chemicals that may be found in these materials and how they may affect playground users.

Download the report ["Playground Surfacing: Choosing Safer Materials for Children's Health and the Environment."](#)

