

Busting Myths and Building Solutions: The Truth About Recycling, Microplastics & Plastic Waste Reduction



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Toxic Plastic Waste Reduction

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Microplastics found in every human placenta tested in study

Scientists express concern over health impacts, with another study finding particles in arteries



Microplastics and other pieces of rubbish in the sand in Lanzarote, Spain. Photo by Fritzsche/Alamy

The Guardian

INFLUX OF REPORTS ABOUT THE DANGERS OF PLASTICS

ScienceNews
INDEPENDENT JOURNALISM SINCE 1921

ALL TOPICS HEALTH HUMANS LIFE EARTH PHYSICS SPACE

NEWS HEALTH & MEDICINE A new study has linked microplastics to heart attacks and strokes. Here's what we know

The results have renewed concerns about plastics' potential effects on human health



When plastics break down over time, they can shed tiny particles (even smaller than the ones shown above) into our environment. These particles can make their way inside our bodies. Scientists are studying the potential health impacts.

PBS NEWS

Left: File photo by Getty Images

Related

States and Congress scramble to secure water systems against cyberattacks
By Marc Levy, Associated Press

Arizona alfalfa farmers clash with foreign firms over water use
By Anita Snow, Thomas Machowicz, Associated Press

Elden declared an emergency over lead in water in the U.S. Virgin Islands. But experts think tests were wrong.
By Michael Phillips, Associated Press

Go Deeper

- basic research
- drinking water
- microplastics
- nanoplastics
- water bottles

Scientists find about a quarter million invisible microplastic particles in a liter of bottled water

PM EDT

bottled water has nearly a quarter million invisible pieces of ever so detected and categorized for the first time by a microscope using

ed there were lots of these microscopic plastic pieces, but until mbia and Rutgers universities did their calculations they never knew and. Looking at five samples each of three common bottled water i found particle levels ranged from 110,000 to 400,000 per liter, 1240,000 according to a study in Monday's Proceedings of the

A woman with long dark hair, wearing a light green bucket hat and a green top, is holding a clear glass jar filled with water. She is looking up at the jar with a concerned expression. The background is a bright, overcast sky with some structural elements of a boat or a similar structure visible. The overall scene suggests a focus on environmental science or pollution.

PLASTIC PEOPLE

The Hidden Crisis of Microplastics

OFFICIAL TRAILER

What's in your body?

Detect & Detox Test Kit
Test for BPA, BPS, PBF, phthalates,
parabens, and oxybenzone



Detox Me
BY SILENT SPRING INSTITUTE

Based on the work started by
Rachel Carson. App based – Scan
and check ingredients

***ANJEC doesn't endorse specific products or services

SKIP THE STUFF ORDINANCE

- WIN** - Business – Save \$ & labor costs
- WIN** – Customer – Save trash costs & clutter
- WIN** - Environment – Reduce waste
- WIN** – Municipality – Proposed for SJ points

Engage with business community and township council to get started. Join other towns such as Maplewood, Red Bank, Stone Harbor, Jersey City and Hoboken.

- Beyond Plastics STS Toolkit

<https://www.beyondplastics.org/campaign-toolkits/skip-the-stuff>

*Senate S3195

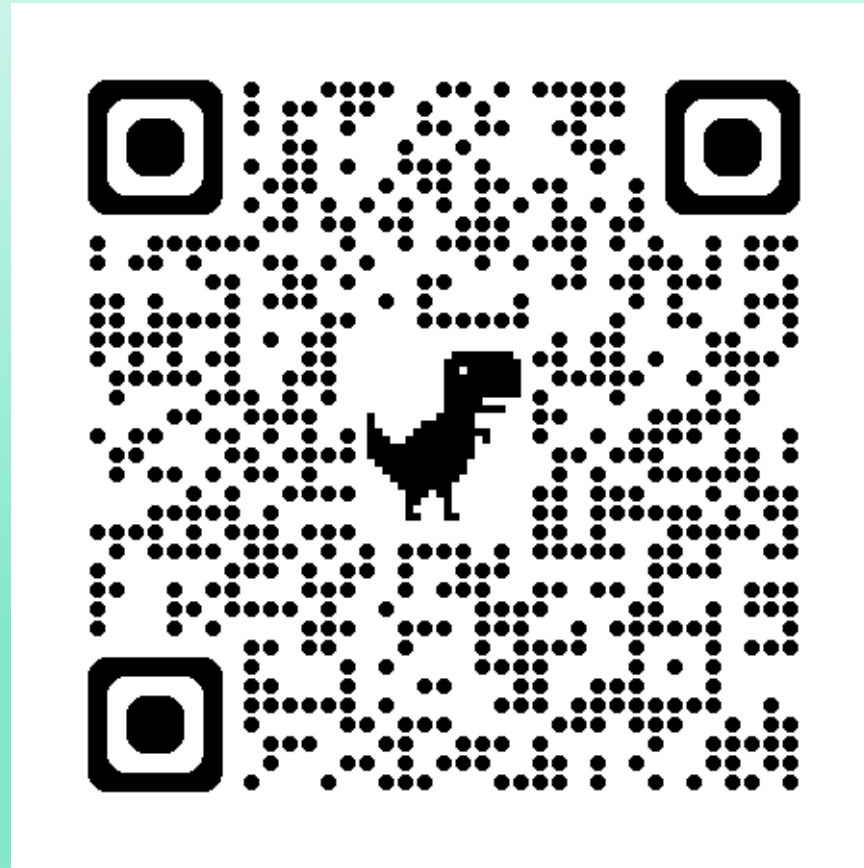
https://pub.njleg.state.nj.us/Bills/2024/S3500/3195_11.PDF



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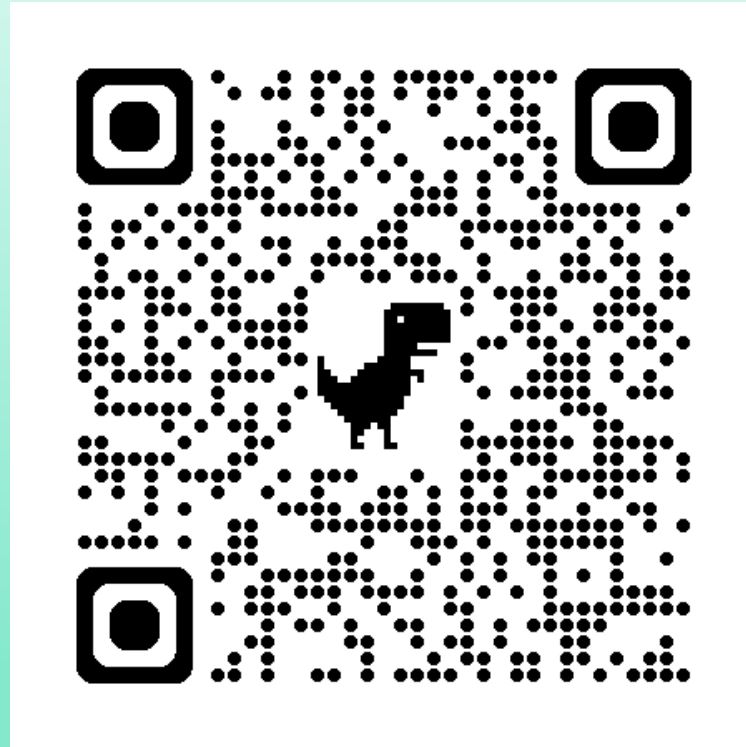
Hoboken's Skip the Stuff Ordinance



<https://ecode360.com/15245304>



ANJEC'S Model Skip the Stuff Ordinance



https://njnoplastics.org/wp-content/uploads/2024/04/Skip_the_Stuff.pdf

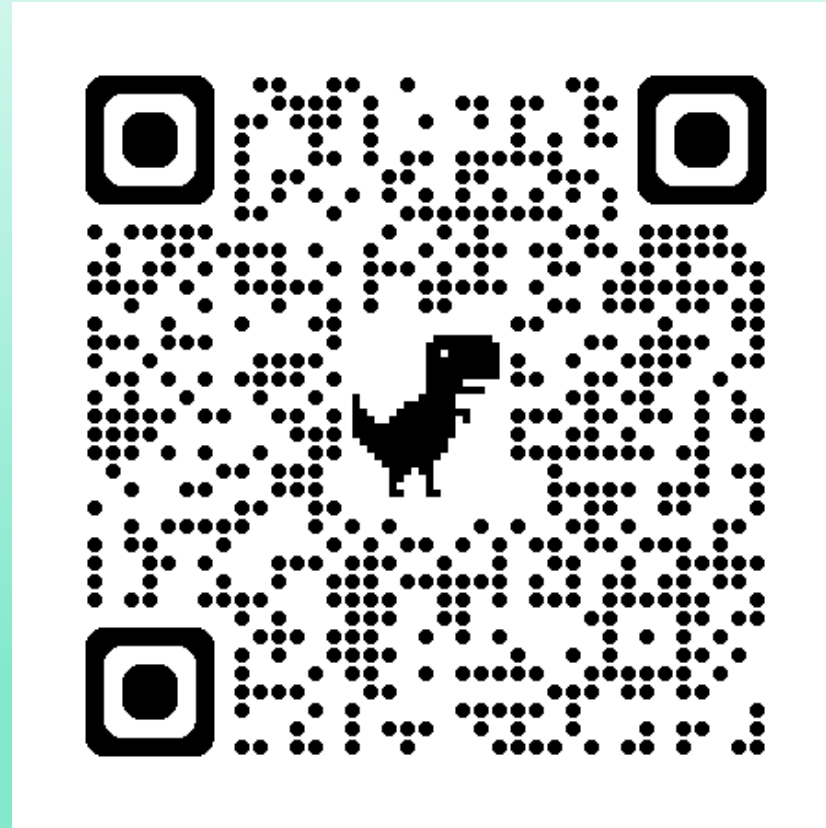


Combatting Waste Pollution at Construction Sites – NBC Philadelphia News

See Link for a News Report on Waste Pollution at Construction Sites:

<https://www.nbcphiladelphia.com/news/local/combating-waste-pollution-at-construction-sites-at-the-jersey-shore/3758690/>

Monmouth Beach Plastic Dust Ordinance



<https://ecode360.com/MO3812/laws/LF2129136.pdf>



Surfrider.org Petition

CONTRACTORS

Poor Construction Practices Lead to Environmental Contamination



1



Use Vacuums

When cutting or drilling AZEK-TREX or any plastic poly-compound materials, use a vacuum attachment on all saws when practical.

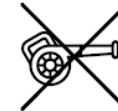
2



Contain Dust

Cut and drill in confined spaces to keep dust to a minimum and ease of cleanup. Never cut or drill without a tarp under power tools. Clean up plastic contaminants before leaving your site.

3



Do Not Blow Away Dust

DO NOT blow your debris into the storm drains. That just washes them into our water systems for contamination that lasts thousands of years.

KEEP PLASTICS AND CONTAMINANTS OUT OF THE OCEAN, BAYS, AND WETLANDS



Once created, plastic will stay around for **hundreds – or even thousands – of years**, in which time it can pollute and poison environments and the animals that inhabit them.

WE ALL HAVE A RESPONSIBILITY TO PROTECT OUR SHORES!



Thank You!

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Beyond Plastics NJ



<https://www.nj.gov/dep/get-past-plastic>

<https://litterfreenj.com>