



NUTRIENT CYCLING

for a Healthy Sound

Where do your nutrients go?

Nutrient Pollution

Too much nitrogen in the Long Island Sound is fertilizing harmful algal blooms, leading to very low oxygen levels, fish kills, and loss of the coastal marshes. Nitrogen enters the watershed from wastewater treatment plants, septic systems, fossil fuel burning, and fertilizer use.

Nutrient Cycling

Instead of contributing to pollution, human waste can be recycled to safely and effectively replace fertilizer usage in gardens and farms. By completing the food nutrient cycle upstream, we can help protect our downstream neighbors -- and grow abundant gardens!

Pee the change!

Urine contains the majority of the nutrients in human waste. Rich Earth Institute's education program teaches gardeners how to reclaim their urine as a fertilizer.

Turn the page to learn more!



FUNDED BY:



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Clean water. Healthy habitat. Thriving communities.

Connecticut River
Conservancy

URINE MY GARDEN

Education for Watershed-Friendly Toilets & Gardens



Webinar

Learn about the paradigm-shifting practice of peecycling: reclaiming a “waste” as a resource to complete the food nutrient cycle. Through peecycling, communities can prevent downstream pollution, access an abundance of local fertilizer, and conserve clean water. For over a decade, the Rich Earth Institute has operated the nation’s first and largest community-scale peecycling program. This webinar covers this program, Rich Earth Institute’s leading edge research, and delves into the basics of how gardeners everywhere can safely and effectively fertilize crops with urine in their own backyards. **Contact Rich Earth Institute Education Director Julia Cavicchi to schedule a webinar for your group or organization or group!**



Guide

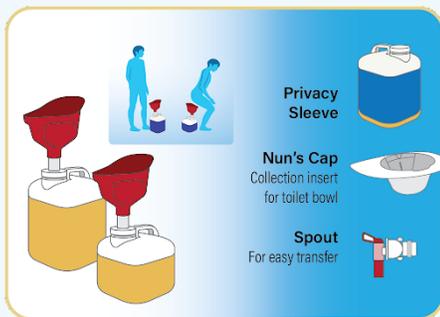
The Rich Earth Institute has published a comprehensive guide to fertilizing with urine in your own garden.

What does it cover?

- Safety (including pharmaceutical study results) and properties of urine as a fertilizer
- Detailed nutrient analysis
- Tips for how to fertilize, including application methods, timing, and dilution ratios
- Ideas for combining urine with other soil amendments in your garden

Peecycling Kit

Rich Earth’s design for home-scale urine collection is available to CT residents of the Long Island Sound Watershed **for free!** Available in 2.5 or 5 gallon sizes, these watertight containers are easy to use and transport to your backyard garden. They can be used by people of all genders and abilities, in conjunction with the pStyle or toilet hat. **Contact julia@richearthinstitute.org to order yours today!**



Community Science Survey

Share your experiences with the art, science, and practice of fertilizing with urine! This survey contributes to a growing body of knowledge about where, how, and why people fertilize with urine in their home gardens around the world.

