

OPEN SPACES

STAMFORD LAND CONSERVATION TRUST, INC.



"Never doubt that a small group of thoughtful, committed citizens can change the world. Indeed, it is the only thing that ever has." — Margaret Mead

FALL 2015

STAMFORD LAND TRUST ANNUAL MEETING

YOU'RE INVITED TO HEAR ABOUT THE FUTURE OF RECYCLING!

EVER WONDER WHERE YOUR PAPERS, MILK CARTONS AND ALUMINUM FOIL GO AFTER THEY HIT YOUR RECYCLING BIN? They're transformed through an elaborate process, full of cool technology, and then find their way to countries like China and Brazil. Our speaker, Steve Changaris, the Northeast Regional Manager of The National Waste & Recycling Association, has spent 24 years lobbying for recycling efforts. Come hear how recycling works in Stamford, as well as what's new nationally and globally in this exciting field.



When: Wednesday, October 21, 2015 at 6:30 pm

Where: Stamford Museum and Nature Center, 39 Scofieldtown Road, Stamford. Plenty of parking available. Light refreshments, wine and snacks will be served. For more information, please see Stamfordland.org



\$750,000: Money saved in waste hauling in 2014 by Stamford's recycling program

Bring this flyer to recycle at our Annual Meeting and receive a free SLCT decal for your car!



WHAT COMES AROUND GOES AROUND: RECYCLING WORKS IN STAMFORD!

Q&A WITH OUR ANNUAL MEETING SPEAKER

— Tara Gravel —

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HUMANS SPRAWL, CONSUME, AND USE UP LOTS OF SPACE AND RESOURCES. Preserving open space is one way to combat this. Properly managing our resources—and waste—is another. In this regard, Stamford is a leader. The city started a single-stream recycling program in July of 2009. Last year, the program kept 9,900 tons of waste from landfills, raised \$190,000 in material sales, and eliminated more than \$750,000 in waste-hauling costs.

At our annual meeting, Steve Changaris, the Northeast Regional Manager of the The National Waste & Recycling Association, will talk about recycling in Stamford, and on a national level. If you've always wanted to know exactly what happens to your egg cartons and newspapers after they leave your curb, you'll find out (the technology is pretty cool!).

And, as a lobbyist, Steve will fill us in on the future of recycling as a whole (No surprise: China plays a huge role.)

Stamford Land Conservation Trust: What would surprise people about the recycling process?

Steve Changaris: That at each step of the process there is waste. There is always some material that doesn't make the next cut, whether it be in the home, at the recycling center or at the market that uses the recovered commodity. And most folks think recycling does not cost anything. Well it does, and the values of the various commodities do not always offset the costs of collecting and processing and transporting them to market.

SLCT: What could most people be doing better as far as recycling?

SC: They could follow the rules laid out by their local recycling program folks. The can also go to our site: <http://beginwiththebin.org/> to learn how to recycle properly.

SLCT: In single stream, how is it possible to efficiently separate all that stuff?

40 percent of the paper recycled in the U.S. goes to China



SC: Machines, engineering and 30-plus years of trial and error! The long view here is things are getting better. More material is being collected and more material is getting to market. Efficiency rates at single stream recycling centers are very good now, and will only get better as improvements continue.

SLCT: What's the future of recycling—any exciting innovations we'll see in the next decade or two?

SC: The future is very bright, but it may not look like it does today. Waste is evolving, and this presents challenges. Our recycling plants and commodity markets are designed for, among other things, fiber and glass, for example. We are using less fine papers and newsprint, but corrugated materials used for shipping (thanks to Amazon and online shopping) is up-ticking. What will be the next big consumer change—like smart phones and tablets—that will affect what we collect? It will change how we design our plants, as well as the kinds of markets that will exist. Throw in internationalism and the big unknowns happening in Brazil, India and China and we have a very cloudy crystal ball.

SLCT: What will you discuss at the SLCT annual meeting?

SC: All the above and probably some “latest and greatest” relevant news.

There is so much to cover about recycling. I'll give a brief assessment of all things waste and recycling in Connecticut, and how you all in the Nutmeg State get things done!

Steve Changaris is a 24 year veteran of NW&RA, a 50-plus year old Washington, DC based trade group dedicated to the promotion of private sector companies that offer environmentally sound and economically efficient management of recyclables, organics and other solid wastes. Steve covers Connecticut, New York, New Jersey, Delaware, Massachusetts, Rhode Island, Maryland, New Hampshire, Vermont and Maine. He works with the region's recycling and waste companies and interacts on their behalf at the state, local, regional, special authority and county level. Steve holds a masters degree in political science and lives in Massachusetts with his wife Anne. He has two adult children, Emily and Tyler. His interests include sports and enjoying cabin life along the Delaware River in its wild and scenic upper region.

The future is very bright, but it may not look like it does today. Waste is evolving, and this presents challenges.

Did you know?

It's not just paper, glass and aluminum that gets recycled in Stamford. You can recycle computers, monitors, TVs, VCRs, DVD players, cell phones, copiers, fax machines, radios, stereos, small electronics, inks and toners, batteries (rechargeable, lithium ion & car batteries), compact fluorescent light bulbs, linear lamps and Christmas tree lights at either of Stamford's recycling centers.



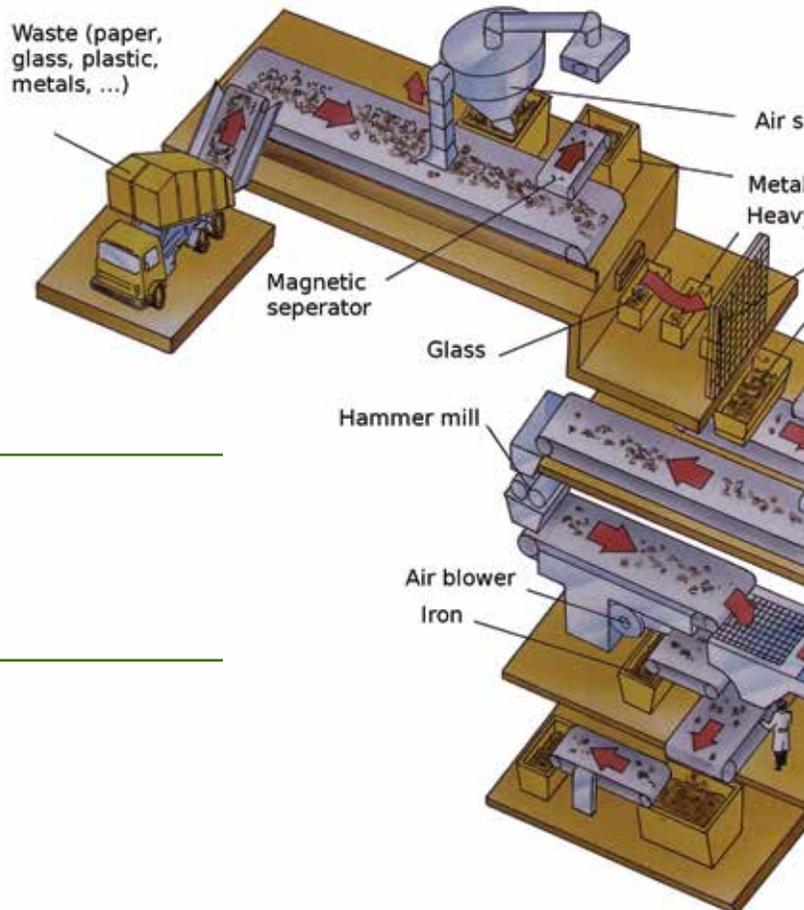
STEPS OF RECYCLING

THE LIFE-CYCLE OF A RE-CYCLE

1: The material to be recycled is dropped into the bin.



2: The bin material goes to the town recycling center.



3: The material is trucked to a Materials Recovery Facility, a MRF or Murf.

4: The material is separated by machine and by hand.

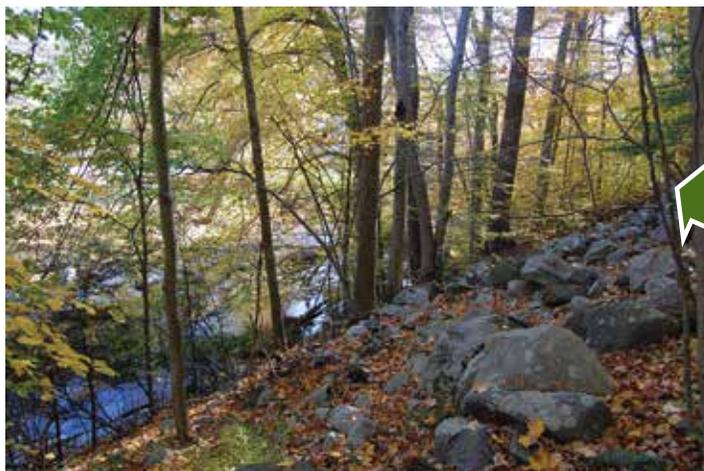
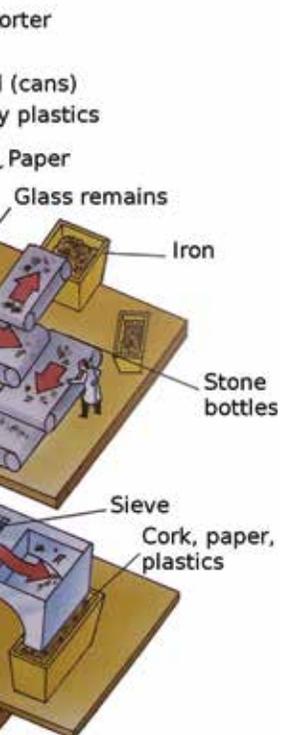
Up to this point, the material has not actually been recycled, it has only been collected.



5: The separated material is baled and sent to recycling plants.



6: The material is made into new products.



**So WHY do we do all this?
We do it to preserve THIS.**

Recycling not only reduces landfill waste, it saves energy and natural resources, and reduces pollution from manufacturing.



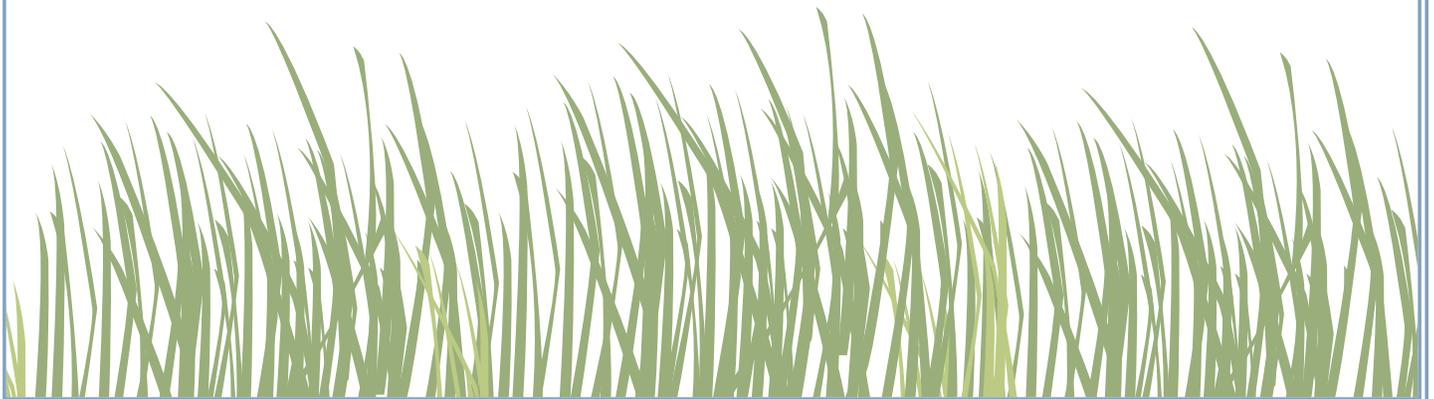
*100,000: Aluminum cans recycled
in the U.S. per minute in 2009.
Laid end to end, they would circle
the earth 169 times!*

WE'RE PLEASED TO ANNOUNCE THE SECOND ANNUAL SLCT CONSERVATION AWARD!

The Stamford Land Conservation Trust Conservation Award is presented each year at our Annual Meeting for Outstanding Contribution to Environmental Conservation in the City of Stamford. This year the award goes to Pete Sofman.

Pete is the ultimate volunteer. His tireless work includes membership on the Board of Directors of the Friends of Mianus River Park, where he helps set up workdays and coordinates Boy Scout projects. He serves as a hike leader for the Appalachian Mountain Club and does data management for the Friends as well as for the Stamford Land Conservation Trust. When last seen, Pete was watering the new plants stabilizing the river banks in the Park.

Everyone who knows him knows that if your work involves conservation and you need a helping hand, Pete will be there every time.



DON'T MISS THE SLCT ANNUAL MEETING!

HEAR ABOUT THE FUTURE OF RECYCLING!

WHO: Open to all. Wine and light refreshments will be served. Please bring a friend or two! There's plenty of parking available.

WHAT: Our guest speaker is Steve Changaris, the Northeast Regional Manager of The National Waste & Recycling Association.

WHEN: Wednesday, October 21 at 6:30 p.m.

WHERE: Stamford Museum and Nature Center, 39 Scofieldtown Road, Stamford

For more information, please see Stamfordland.org.

30 days: How fast a glass container can go from a recycling bin back to a store shelf



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I would like to volunteer my services

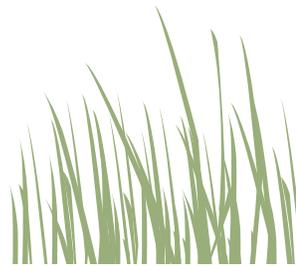
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Contributions to the SLCT are tax deductible.

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STAMFORD LAND CONSERVATION TRUST, INC.

MISSION STATEMENT

The Stamford Land Conservation Trust is dedicated to the preservation and protection of open space in the City of Stamford, both for the benefit of the citizens of the City and the sustainability of our environment.

Open space is land as nature left it, or land that has returned to a natural state over time.

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