

**RADNOR TOWNSHIP
ENVIRONMENTAL ADVISORY COUNCIL**

MINUTES

The combined May/June meeting of the Radnor Township Environmental Advisory Council (EAC) was called to Order by Chairperson Brenda Gotanda at 6:00 P.M. on June 11, 2012 at the Radnor Township Municipal Building, Radnorshire Room, 301 Iven Avenue, Wayne, Pennsylvania.

Those present were: Brenda Gotanda, Chairperson
 Josh Hilbert, Vice Chairperson
 Stephen Elliot
 Robin Mann
 Anne Poulin
 Sloan Walker
 Kelly Doyle, Board of Health Representative
 Skip Kunda, Planning Commission Representative
 Chris Campbell, Parks and Recreation Representative

Those not present were: Daniel Meier

PLEDGE OF ALLEGIANCE

APPROVAL OF APRIL 2012 MINUTES

On motions made and seconded, the minutes of the April 26, 2012, EAC meeting were unanimously approved.

ANNOUNCEMENTS

Ms. Gotanda made the following announcements:

- On June 14, 2012, the Chester - Ridley - Crum Watersheds Association and Middletown Township are sponsoring a rain garden workshop. For more information, visit <http://crcwatersheds.org>.
- The Delaware County Planning Department is conducting an online survey concerning parks, recreation, and open space in the county. The survey closes July 4. To participate, go to <https://www.surveymonkey.com/s/delcoparks2012>.
- PECO has launched cash incentive programs for residential and business customers who invest in electric vehicle technology (cars and charging stations). For information, go to <https://www.peco.com/Environment/GreenVehicles/ElectricVehicles/Pages/Overview.aspx>
- For those who have an electric vehicle or may be interested in purchasing an electric vehicle, there is a public charging station in the parking lot on North Wayne Avenue in downtown Wayne.

- The electric vehicle charging station in Wayne is gaining increased use. A usage graph provided by Community Energy shows the use of the charging station since its installation last December and reflects a positive trend over time.
- The Delaware Valley Green Building Council will hold its annual celebration on September 27 at the Barnes Foundation, a LEED Platinum building. All are encouraged to attend. The celebration will launch preparations for the annual Greenbuild conference of the U.S. Green Building Council, which will be held in Philadelphia in 2013. For more information about the September event and about how to get involved in the 2013 conference/expo, visit <http://www.dvgbc.org/>.
- Legislation has been introduced in Philadelphia to require owners of large commercial buildings (50,000 square feet or greater) to annually benchmark their energy and water usage in EPA's Energy Star Portfolio Manager and to report the information to the City. The Statement of Energy Performance generated by Portfolio Manager must also be provided to prospective tenants and prospective purchasers upon request.
- Chris Campbell was welcomed as the new Parks and Recreation Representative to the EAC.

Mr. Elliot announced that Philadelphia has changed the way in which it allocates sewer bills. He noted that fees are now based on the amount of impervious surface at the property, rather than water use, reflecting a new method of accounting for the costs of handling storm runoff to the sewer system.

Mr. Hilbert gave a follow-up report on the June 7 public meeting concerning deer management. Commissioners Schaeffer and Higgins may submit to the Board of Commissioners a proposal for a 10-night professional cull of the population. The Police Department supports the recommendation.

RADNOR RECYCLING UPDATE AND DISCUSSION

Mr. Hilbert presented the attached Power Point concerning the amounts of Radnor residential curbside recycling for the years from 2005 through 2011. Radnor went to single-stream recycling in February 2011. Over the time period reflected, the percentage of the waste stream that is sent to be incinerated has declined, as has the total amount of waste generated. Reduction in waste to be incinerated results in significant savings to the Township: Delaware County charges the Township a tipping fee (currently \$23.45 per ton) for waste incineration. In contrast, the Township sells recycled material at the market rate (the rate ranged from \$4 to \$43/ton in 2011).

The EAC's proposed Greenhouse Gas Action Plan includes the recommendation that the Township optimize recycling.

Peggy Hagan of the Radnor Township Public Works Department attended the meeting to provide information and answer questions about recycling in the Township. Ms. Hagan said she will gather information to help assess an appropriate recycling goal and to identify programs that have been successful elsewhere. She also reported on current Township efforts to improve recycling, including the introduction of stickers that will inform residents if they have improperly mixed non-recyclable and recyclable material. She noted that Radnor actively pursues grants to support its recycling efforts.

The possible role of the EAC going forward was discussed. Ms. Hagan emphasized the need to educate Township residents. Ways to achieve that goal were discussed.

In the past year, the Township has hosted two successful collections of recyclable electronics. The most recent collection was held June 4 and gathered over 30,000 pounds of material. The Township may schedule a shredding event; shredded material can be recycled. Ms. Hagan noted that the Township website includes a comprehensive list of recyclable materials.

Chip Addis, Wayne resident and business owner, presented perspectives on ways to improve recycling. He highlighted current problems with recycling by business owners in Wayne, emphasizing the need for better education. He also raised the lack of recycling containers in Radnor parks and in downtown Wayne. Possible solutions and past efforts were discussed.

The question was raised concerning whether recycling would be improved if the Township changed the days for various pickups. Ms. Hagan explained that it is both difficult and expensive to make that type of change.

PROPOSED SHADE TREE ORDINANCE

Prior to the meeting, Ms. Gotanda had circulated the proposed revision of the Shade Tree Ordinance as well as comments on the proposal from the Planning Commission, the Open Space Committee, and the Board of Commissioners. After some discussion, it was agreed that comments would be emailed to Ms. Gotanda, who will then compile a document with feedback from the EAC.

Mr. Kunda reported that the Planning Commission reviewed the proposal at some length. He noted some of the issues on which they focused.

WORKGROUP REPORTS AND DISCUSSION

A. Climate Protection

Mr. Hilbert reported that he is anticipating that the EAC will be in a position to present a resolution related to the GHG Action Plan to the BOC at its July meeting. The primary objective would be to have the BOC acknowledge receipt of the proposed Action Plan and to approve appointment a Green Team, the first of the GHG Action Plan recommendations. In addition, the EAC will offer its assistance on the plan going forward. Mr. Hilbert will circulate a proposed resolution for presentation to the BOC.

B. Sustainability

Mr. Walker announced that WaterSense has issued the first label for an irrigation/sprinkler control system responsive to local conditions, which can produce up to 40% savings in water use. For more information, visit <http://www.epa.gov/watersense/>.

Mr. Sloan also reported that a new development in Camden, N.J., is seeking to obtain the WaterSense label for the entire development.

C. Stormwater

Ms. Gotanda reported that the WREN Grant Application for funds to construct a rain garden on Township property was unsuccessful. However, the Garrett Hill Coalition obtained a WREN grant for a stormwater education project that includes the creation of a rain garden in Clem Macrone Park. The EAC has offered to work with them other their other partners on the project.

D. Community Environmental Awareness

No report this month.

LIAISON REPORTS

A. Planning Commission

Mr. Kunda reported that the Planning Commission is currently considering revisions in the Township's Institutional Zoning provisions. The consultant hired by the Township met with the Commission and presented recommendations. It is likely that the consultant will have an additional meeting with the Commission.

B. Board of Health

No report this month.

C. Parks and Recreation

Mr. Campbell reported that the Parks and Recreation Board is considering a number of issues related to the future of the Willows. The caretakers have retired, and the income flow from rentals of the mansion is not sufficient to cover the cost of necessary maintenance and repairs.

OLD BUSINESS

There was no old business.

NEW BUSINESS

Mr. Elliot said that he will work on gathering information for the EAC related to the threat posed by the emerald ash borer.

PUBLIC PARTICIPATION

There was no further public participation.

ADJOURNMENT

There being no further business, on a motion made and seconded, the meeting of the Environmental Advisory Council was adjourned.

Respectfully submitted,

Anne Poulin

Radnor Township Residential Recycling Study

Calendar Year 2005 to 2011

Raw Data

Obtained from
annual Delaware
County Municipal
Reports

Radnor Township	Code	2011		
		Curbside tons	Non-Ind. Comrl. tons	Dropoff tons
PAPER: CARDBOARD	C01		443.7	
CONSUMER ELECTRONICS	CRT		10.3	
WHITE GOODS: <i>(Freezers & Refrigs 2)</i>	F03	17.8	22.5	
FLUORESCENT TUBES	FL1		12.5	
FOOD WASTE	FW1		195.4	
GLASS: MIXED	GL2		20.4	
RUBBER TIRES: <i>(Car = 21 lbs. & T</i>	M01	1.7	1.9	
CONSTRUCTION: CONCRETE, WOC	M02		53.3	
MIXED METALS	MM1		43.0	
PAPER: MIX	PA3		464.8	
PAPER: OFFICE PAPER	PA4	0.1	309.0	
PLASTIC: MIXED	PL7		19.7	
SINGLE STREAM: <i>(Commonly fibers &</i>	SS1	2900.6	1333.9	
WOOD WASTE	WW1		22.5	
COMMINGLED MATERIALS	XXX	10.5		
YARD & LEAF WASTE: <i>(Leaves 1 t.</i>	Y03	3778.0	15.0	

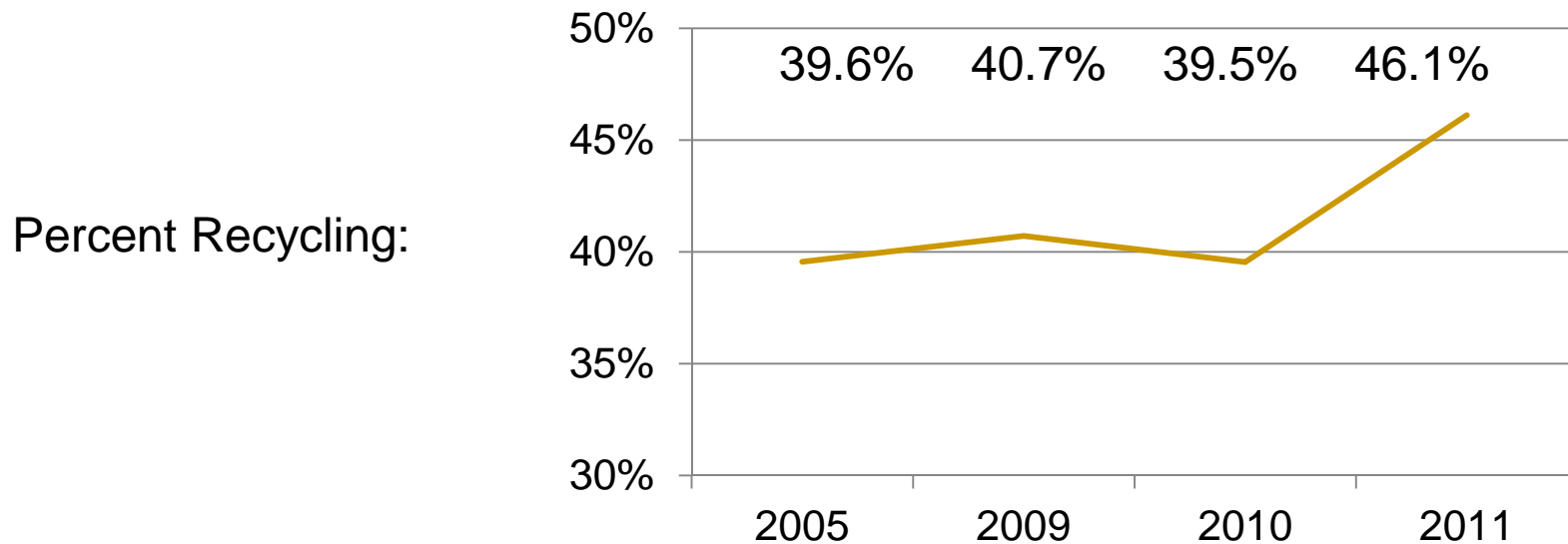
Reduction in Waste Stream

	<u>2005</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>
Residential curbside recycling	3,244	2,733	2,748	2,931
Residential curbside yard waste	3,840	3,573	2,990	3,778
Incinerated waste	<u>10,819</u>	<u>9,182</u>	<u>8,774</u>	<u>7,839</u>
Total waste stream	17,903	15,488	14,513	14,547

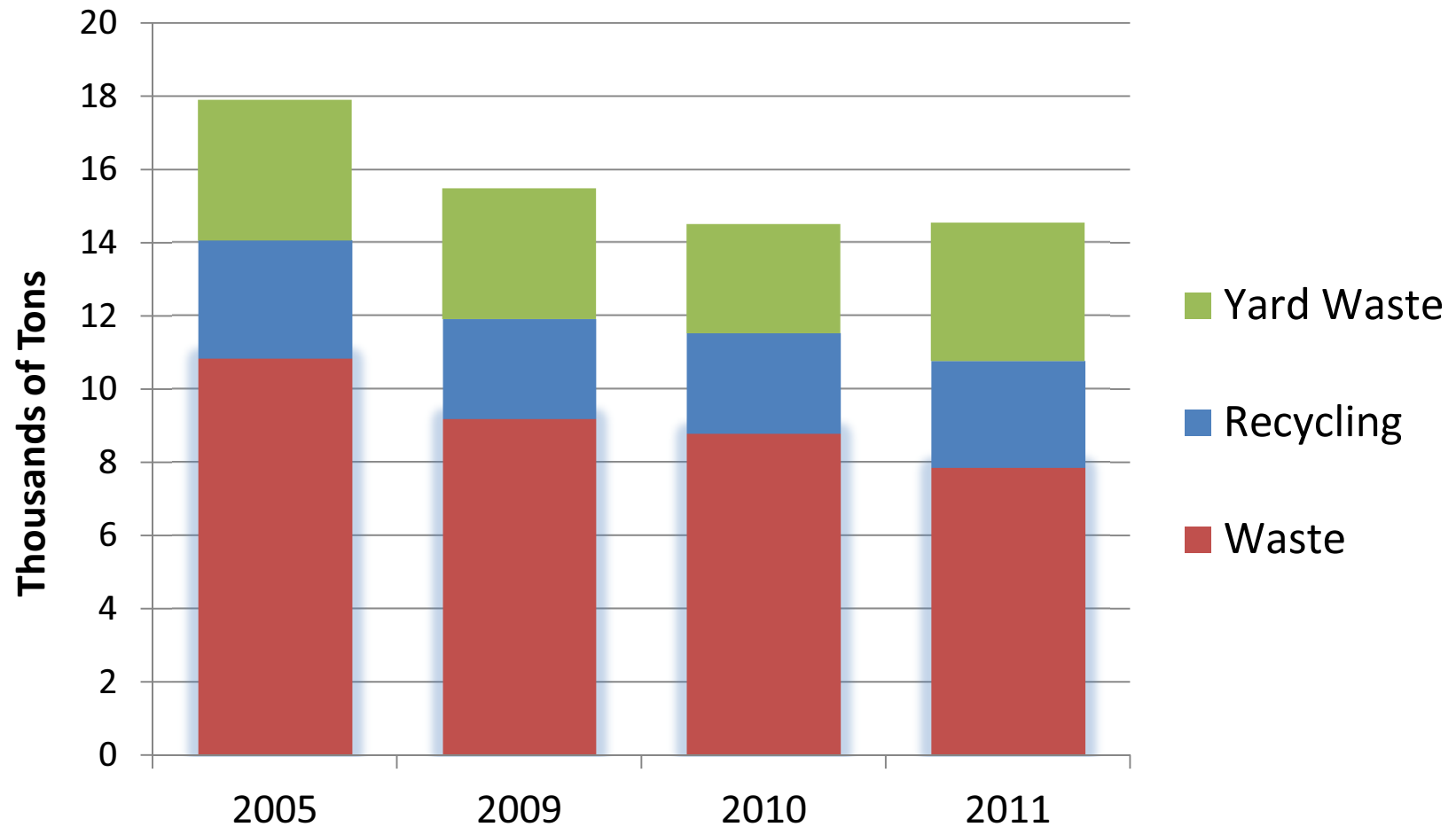
Note: All data in tons

Recycling = Single Stream + Yard Waste

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Recycling = Single Stream + Yard Waste



Financial Impact of Recycling

- \$23.45/ton fee for waste delivered to Covanta facility
- Recycling stream can be sold at profit (market rate)
\$4 to \$43 per ton in 2011

