

The regular meeting of the Environmental Advisory Council (EAC) was held tonight. Members present were Dottie Baumgarten, Martin Carey, Barbara Duffy, Jonathan Essoka, David McVeigh-Schultz. Ex-officio Member: Sandra Cohen. Other Guests: Neil Greenberg, Tom McHugh, Tom Macchi and Mimi Bassetti from Arcadia University. The Township Liaison present was Nancy K. Gibson, Public Information Officer. (See attached attendance sheet.)

1. **Call to Order** – Chairman Schultz called the meeting to order at 7:35 p.m.
2. **Acceptance of Meeting Minutes** – Mr. Schultz asked for a motion to approve the October 15, 2012 minutes. Ms. Duffy made a motion to accept the minutes; seconded by Ms. Baumgarten. The motion was unanimously approved.

### 3. **Committee Reports:**

A. Energy – Mr. Schultz noted that the Township had a 4% recycling increase in September 2012 over the same month last year, with a year to date recycling rate of 23.4%. Ms. Gibson noted the Township sponsored an electronics recycling event on November 17, 2012. Mr. Schultz would like to know how much was collected. [According to Refuse and Recycling Superintendent William Ferrari, 40,538 lbs. of electronics were collected on November 17, producing a savings of \$1,317.55 in tipping fees. eForce Compliance, the vendor that collected the material, was one of the first electronics recycling firms nationwide to be certified to the R2, e-Stewards and ISO 14001 standards.] See attached.)

B. Water Management – Ms. Duffy presented the Watershed Report as follows:

- A sub-committee meeting was held on November 19, 2012 where a draft statement regarding use of herbicides in Township parks was discussed. This item should be placed on the agenda for next month.

- Ms. Duffy would like to see a top down commitment from the Township for the Sustainability Plan, possibly including a staff position.
- Ms. Duffy stated that two public meetings were held to discuss the Riparian Buffer Corridor Ordinance in August and September and wanted to know where the matter stands. [The Ordinance is expected to come before the Board for consideration of adoption in the first quarter of 2013.]
- The TTF Partnership met with the Wyncote Citizens group on November 5, 2012. Another meeting is planned for spring. Two meetings are scheduled for March 2013 with the Audubon Society and the High School Park Restoration Committee.
- The Parkview Park Planting was held on October 27, 2012, before Hurricane Sandy. Forty-three volunteers worked on the planting day; three volunteers worked on the Friday before planting day; and three volunteers worked on fencing November 10, 2012, following the hurricane for a total of 185 hours. (See attached.)
- Preliminary planning for 2013 Earth Day projects and Earth Day Festival has begun. Outreach will begin in January via e-mails and website. The Earth Day Festival theme will be Energy. Primex will be participating as part of their 70<sup>th</sup> Anniversary. Ms. Gibson suggested featuring automated recycling.
- The Native Plant Ordinance has been drafted and completed and is waiting for the next step.

C. EAC School Board Liaison – Ms. Rosenberg was not present, but Mr. Schultz reviewed Ms. Rosenberg's report. (See attached.)

D. Communications – Ms. Baumgarten presented a written report, which was distributed and reviewed at the meeting. (See attached.) It was noted that the number of EAC e-mail contact list has grown from 800 to 1,000.

Mr. Carey gave a brief overview the possible use of Google Apps for Business for effective communication by the EAC with various groups in the Township with zero impact on environment. The cost for Google Apps would be \$50 per user per month. Discussion ensued and it was decided to schedule a communications sub-committee meeting in the next couple of weeks to further explore this option in greater detail.

**4. Old Business:**

*A. DEP Educational Grant* - Ms. Baumgarten reported that educational programs have been planned for November 28, 2012, from 8:30 - 9:30 a.m. at Curtis Hall and March 5, 2013, from 8:30 - 9:30 a.m. at Glenside Hall for business owners regarding stormwater best management practices. Ms. Baumgarten was preparing posters with the help of the Partnership of the Delaware Estuary, which cost less than \$30 in total. Ms. Baumgarten reported that Julie Slavet and Nancy Gibson would help with providing refreshments. Ms. Baumgarten made a motion for authorization to expend up to \$150.00 for refreshments and supplies; seconded by Mr. Essoka and unanimously approved. Ms. Baumgarten noted that she will be hosting additional outreach meetings on March 9, 2013, at Schuylkill Water Action Group and is planning an event at Arcadia University.

*B. Sustainable Municipal Action Plan* – Mr. Essoka noted that EAC Committee Membership was discussed at the last Sustainable Cheltenham Steering Committee Meeting. Mr. Schultz commented on efforts to recruit a minimum of 5 to 20 resource people before the Board of Commissioners approves the final Sustainable Cheltenham plan. Mr. McHugh asked if the resources would all be Township residents. Mr. Schultz replied some may represent businesses or outside organizations covering topics such as health, food, marketing, planting and transportation.

**5. New Business:**

*A. Tree Vitalize Grant Opportunity for 2013* – Ms. Gibson reviewed the Parkview Park Planting Project Phases I and I-A. The Township Administration is recommending filing a grant application for Phase II to complete the planting project in that area and is requesting EAC

support. Ms. Baumgarten made a motion to support the Township in filing a grant application for a Phase II Parkview Park Planting Project; seconded by Mr. Schultz and unanimously approved.

**6. Other** – Mr. Schultz welcomed Mr. Macchi and Ms. Bassetti from Arcadia University, which is at the vanguard of sustainability. Some EAC members have visited the campus for energy and water management tours. Discussion ensued about offering tours of the campus or other publicity efforts, possibly on video, to demonstrate and promote projects that can improve environment. In addition, the EAC and Arcadia could possibly collaborate in the areas of curriculum, guest lectures and student activities. Mr. Macchi proposed that Arcadia might contribute funding to EAC efforts. He added that the university is very involved with flooding issues on the campus and surrounding areas and would like to share their ideas and concerns with the U.S. Army Corps of Engineers (ACOE) as part the study underway. [Mr. Macchi was invited to submit the university's ideas and concerns to Acting Township Manager Bryan Havir to be forwarded to ACOE.] Mr. Schultz requested that Mr. Macchi and Ms. Bassetti be added to the EAC email list.

**7. Announcement** – Tookany-Tacony/Frankford Watershed Partnership will be holding a fundraiser at Dovetail Artisans in Glenside on November 27, 2012.

**8. Adjournment** – Mr. Schultz made a motion to adjourn the meeting; seconded by Mr. Essoka and approved by Committee. The meeting was adjourned at 9:05 p.m.



Bryan T. Havir  
Acting Township Manager

Submitted by:  
Kathryn McDevitt



Communications Report, November 19, 2012

One Newsletter went out on Nov 11 for the EAC covering these topics:

Special Brush Collections: To assist residents with their yard cleanup from Hurricane Sandy, Cheltenham Township will offer special free brush collections.

Electronic Waste Recycling: Free electronics recycling collection on Saturday, November 17 from 9:00 a.m. to 1:00 p.m. at the Cheltenham High School parking lot. Reduce trash by recycling.

Glenside Library Sustainable Programs: Check out several programs: Kids compost, vegetable prints and yarn swap.

Clean Water Partners Business Seminar: Businesses large and small can learn simple steps that can help make our water cleaner at a free seminar on November 28. at 8:30AM at Curtis Hall.

Single Stream Recycling: Recycle paper, cardboard, cans, glass and plastic in one bin. Check out all the items on this list.

Clean Water Tip:

Practice environmentally friendly automotive care.

Martin Carey has worked on a communications plan for the EAC- here is the executive summary.

**Executive Summary**

**Objective**

The Cheltenham Township EAC is dedicated to help education and advise township officials, municipalities, businesses and residents on decisions that support and promote protecting the environment through sustainable actions and behaviors. One of the key factors that impact our success is our ability to communicate effectively within these groups. We have a brand, we have a plan, and now we need a process. The next step is to develop a standardized strategy and communication conduit for implementation and execution.

**Goals**

- Establish standardized email accounts for each council member (example: *name@sustainablecheltenham.org/.com*).
- Develop shared calendars for council members, committee groups, volunteers etc.
- Develop a "published" (public) events calendar for the website.
- Setup a centralized cloud-based file sharing service to host documents, reports, minutes, presentations, images and videos.
- Implement an online project workspace (website) for committees and groups to virtually collaborate and share ideas. • Create documents, reports and presentations to share.

Respectfully submitted,

Dottie Baumgarten

## SOLUTIONS

# E-Waste Stewardship

Setting the industry standard for environmental responsibility and accountability

home / solutions / enterprise itad / recycling / e-waste stewardship

## Protecting the Environment — and Your Reputation

Most major corporations have adopted policies that mandate responsible electronics disposal — and prohibit exports. Yet as much as 80% of e-waste collected for recycling in the U.S. is exported to developing countries.

Why? Because unethical recyclers make promises they do not intend to keep. As an e-Stewards® Certified recycler, Redemtech has established the industry's highest standards for *truly* responsible recycling that protect the environment — and guard our enterprise customers from legal, regulatory and corporate image risks.

*Redemtech upholds the world's most stringent standards for responsible e-waste recycling.*

E-Stewards Certification

IDC G.R.A.D.E Certification

ISO 14001 Certification

ISO 9001 Certification

OHSAS 18001 Certification

Environmental Policy

Resources



e-Stewards certified

### E-Stewards vs. R2

In response to market demands for accountable e-waste recycling, two certification programs have emerged: e-Stewards and R2. We believe e-Stewards offers the checks and balances to ensure that corporate recycling policies are fully implemented. R2, however, will let unethical recyclers continue with business as usual.

Download a point-by-point comparison of e-Stewards and R2 to help you determine which standard best matches your corporate environmental policy and social responsibility objectives.

## The choice for truly responsible recycling

E-Stewards is the first fully accredited, independently audited certification program designed to ensure that e-waste will be responsibly and accountably recycled — and not dumped in developing countries.

Recognizing the need for stringent standards to combat the global e-waste crisis, Redemtech helped develop e-Stewards working with Basel Action Network (BAN), an NGO focused on stopping illicit e-waste exports, and the environmental community.

Building on many years of helping businesses support green IT initiatives, Redemtech was:

The only ITAD provider to be e-Stewards Certified across all U.S. facilities when the program launched in April 2010



*"Redemtech occupies a very unique niche in the business of recycling electronics and has played a key role in the success of e-Stewards. As an early adopter and e-Stewards Founder, Redemtech has demonstrated true leadership promoting and advocating for globally responsible electronics recycling."*

**Jim Puckett**  
Executive Director



## VIDEO DOCUMENTARIES

### The global e-waste challenge

Illicit e-waste exports continue to have a devastating environmental impact in developing countries as demonstrated in these exposés.



*View a CBS News reports on illegal e-waste export to China.*



*Watch a PBS investigation of dirty secrets of e-waste exports to Africa.*



[Learn about e-Stewards vs. R2 »](#)

The first company e-Stewards-Certified in Europe for its Surrey, UK TCM Centre in September 2010

The first company e-Stewards-Certified in Canada for its Guelph, Ontario TCM Center in May 2012

As an original signatory of BAN's Electronics Recycler's Pledge of True Stewardship in April 2004, Redemtech had been operating in accordance with the standard for years.

#### THE E-STEWARDS ADVANTAGE

Working with an e-Stewards Certified e-waste recycler provides important advantages for global organizations, Government agencies and educational institutions. The e-Stewards standard:

Requires a certified ISO 14001 Environmental Management System (EMS) that builds in occupational health and safety requirements specific to the electronics recycling industry, minimizing exposure of recycling workers to hazards

Prohibits all toxic waste from being disposed in solid waste landfills and incinerators

Requires full compliance with existing international hazardous waste treaties for exports and imports of electronics, and specifically prohibits the export of hazardous waste to developing countries

Prohibits the use of prison labor in the recycling of toxic electronics, which often have sensitive data embedded

Requires extensive baseline protections for and monitoring of recycling workers in every country, including developed nations where toxic exposures are routinely taking place

Is written for international use

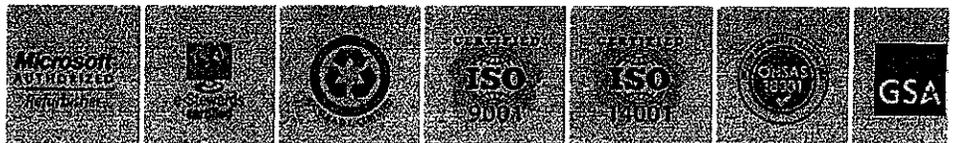
Requires accountability for toxics all the way to final processing

Ensures integrity of recycling operations through a rigorous independent audit process conducted by accredited certification bodies. This provision has the added benefit of reducing costs because corporations do not have to undertake the complex task of auditing downstream compliance



*See how e-waste exports impact the environment and human health in developing countries.*

## REDEMTECH.



#### INTERNATIONAL

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Mexico  
Europe

#### SOLUTIONS

Enterprise IT Asset Disposition  
Lifecycle Services  
E-Waste Recycling  
Government

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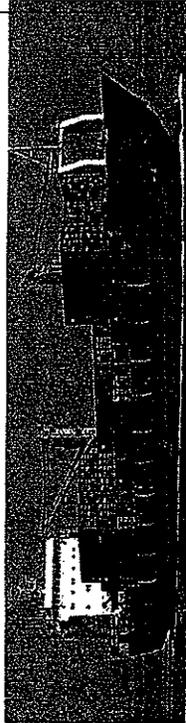
#### ABOUT REDEMTECH

Redemtech is a global leader in Enterprise IT Asset Disposition solutions that optimize asset value, ensure data security and promote e-Stewards Certified IT sustainability and social responsibility.

Through a unique technology change management approach, Redemtech creates opportunities for IT lifecycle extension, reuse and e-waste reduction.



## Electronics Recycling Standards Compared: R2 and e-Stewards®



Only the e-Stewards standard prohibits export of hazardous e-waste to developing nations.

### Why the environmental groups support e-Stewards and not R2

There are now two voluntary certification programs based on performance standards for electronics recyclers: The R2 Guidelines and the e-Stewards Standard. How do they compare? When you look at how the two standards address the four worst problems plaguing the e-waste recycling industry – particularly the problem with exporting e-waste to developing countries – it is clear that the e-Stewards Standard sets a much higher bar for this industry that is plagued by “fake recyclers” and exporting. This chart explains why.

The 4 worst problems plaguing the recycling industry		R2	e-Stewards
<b>Problem 1: EXPORTING E-WASTE TO DEVELOPING COUNTRIES</b> The U.S. exports most of its toxic e-waste to developing nations, where it causes great harm. This is the single biggest problem plaguing this industry and its lowest standard.	<b>Does the standard prohibit recyclers from exporting e-waste to developing countries for RECYCLING?</b>	No, exports are allowed.	Yes. The e-Stewards Standard prohibits these exports.
	<b>Does the standard prohibit recyclers from exporting non-working hazardous equipment or parts to developing countries for REPAIRS?</b>	No. In fact, this is one of the biggest loopholes in R2. An R2 certified exporter may send non-working hazardous equipment from the U.S. to an R2 certified company in a developing nation. The R2 export language will not	Yes. Only working equipment, which has been tested and is fully functional may be exported to developing nations. If it doesn't work, or hasn't been tested, it can't be exported if it contains hazardous components.

Electronics TakeBack Coalition [www.electronicstakeback.com](http://www.electronicstakeback.com) April 12, 2010

The 4 worst problems plaguing the recycling industry		R2	e-Stewards
<b>Problem 2: INCINERATION/LANDFILLING E-WASTE</b> U.S. laws allow toxic e-waste to be sent to solid waste landfills and incinerators that are not designed for hazardous waste, resulting in inappropriate treatment and release of heavy metals and persistent bio-accumulative chemicals.	<b>Does the standard prohibit incineration or landfilling of toxic e-waste?</b>	No. R2 discourages but still allows R2 certified recyclers to put toxic e-waste in solid waste landfills or incinerators, including waste-to-energy incinerators. If undefined 'circumstances beyond their control' occur.	Yes. This is prohibited. The e-Stewards Standard bans the disposal of hazardous e-waste in solid waste landfills and incinerators, including waste-to-energy incinerators.
	<b>Problem 3: WORKER HEALTH &amp; SAFETY</b> The U.S. is doing little to identify potential hazards and to protect its own electronics recycling workers. A common practice in the U.S. is to shred electronics that contain mercury, small batteries, lead-solder, and brominated flame retardants in the workplace and then send the resulting debris to landfills.	<b>What chemical hazards does the standard require the recycler to address in protecting workers?</b>	R2 leaves it up to recyclers to identify the toxic chemicals they are dealing with, their potential hazards, and appropriate tests for exposures.

Electronics TakeBack Coalition [www.electronicstakeback.com](http://www.electronicstakeback.com) April 12, 2010

The 4 worst problems plaguing the recycling industry		R2		e-Stewards	
What kinds of worker health testing or monitoring are required?	R2 has no baseline requirements for what tests should be done to check for exposure to toxic materials common in electronics, or how to minimize exposure. R2 recyclers must develop their own Environmental Health and Safety Management System, but the requirements are very general and allow the recycler to determine what's "appropriate."	The e-Stewards Standard requires recyclers to establish and maintain procedures to minimize exposure, but it goes even further by requiring very specific kinds of worker testing and monitoring, every 6 months, by qualified professionals to detect unsafe exposures. Recyclers must conduct full occupational health and safety evaluations every 3 years.	e-Stewards recyclers must safely remove and separate all mercury-containing devices so they are not recycled or disposed of using potentially hazardous processing technologies (such as shredding). [End processors for mercury are allowed to do this in fully licensed and permitted mercury reflow operations.]	Mercury is known to be a problem for recyclers, since it's used in lamps, switches, and button cell batteries commonly found in electronics. How does the standard address this very toxic material?	R2 allows mercury and batteries to go into shredders, if it's "too costly" to remove small mercury devices, and the recycler can argue that workers are protected and "appropriate technology" is used, although that's not defined. While shredding mercury in e-waste is currently allowed under OSHA regulations, there are currently no shredders that can capture vaporized mercury.
Does the standard prohibit the use of prison recycling?	Prison recycling is subsidized by taxpayers and competes unfairly with private sector recyclers and therefore undermines private sector recyclers.	Yes. The e-Stewards Standard bans the use of prison labor for processing hazardous e-waste.	PRISON RECYCLING The federal government sends toxic e-waste to federal prisons, and operations where inmates lack the skills and options to retrain for other occupations. The program is subsidized by taxpayers and competes unfairly with private sector recyclers and therefore undermines private sector recyclers.	Does the standard prohibit the use of prison recycling?	No. R2 allows the use of prison recycling, and prison recycling operations may be certified.
CERTIFICATION PROGRAM OVERSIGHT	R2 has no owner, thus multiple R2 programs exist without central oversight on quality control, auditor training, maintenance & interpretation of R2 Practices, use of logo, prohibition of the program, certification & accreditation.	The e-Stewards program is housed by the Basel Action Network, with full time staff and certification consultants who oversee quality control on all aspects of the standard, auditor training, certification, accreditation, & use of logo.	CERTIFICATION PROGRAM OVERSIGHT The e-Stewards program is housed by the Basel Action Network, with full time staff and certification consultants who oversee quality control on all aspects of the standard, auditor training, certification, accreditation, & use of logo.	CERTIFICATION PROGRAM OVERSIGHT	R2 has no owner, thus multiple R2 programs exist without central oversight on quality control, auditor training, maintenance & interpretation of R2 Practices, use of logo, prohibition of the program, certification & accreditation.

Learn more about the e-Stewards program: [www.e-stewards.org](http://www.e-stewards.org)  
 Electronics TakeBack Coalition [www.electronicstakeback.com](http://www.electronicstakeback.com) April 12, 2010



Buildings committee report November :

- cheltenham school district, launch of the Energy Efficiency program @ cedarbrook
- cedarbrook teachers, Karen Shaffran and Deb Dibatista will work with students and Paul Speigel, energy consultant on a behavior modification program to reduce energy use by 10% compared to an established baseline. Cedarbrook will receive a % of the savings for school programs.
- this program will be a model for all the other schools on energy efficiency
- the school district is interested in having the Eac temporarily convene and host a green team for the school district. Ideally, the district would select a representative from each school to meet monthly at the district administration building. Eac would create an agenda and facilitate the meeting. The intent would be to hand the effort back to the district in June .

Lorna S Rosenberg