November 18, 2010 7:30 p.m.
Township Administration Building

The regular meeting of the Environmental Advisory Council (EAC) was held tonight. Voting members present were: Mary Beth Carroll, Barbara Duffy, Miriam Moss, and David Schultz. Ex-officio member present was: Jonathan Essoka. Also present was Bridgett Chadwick, Bonnie Hay and Jim Innes Staff present was: Bryan T. Havir, Assistant Township Manager.

1. ***Call to Order*** – Mr. Schultz, Vice Chair called the meeting to order at 7:35 p.m.

2. ***Acceptance of Meeting Minutes*** – Mr. Schultz tabled a motion to accept the October 18, 2010 meeting minutes to the December meeting because of a lack of a quorum.

3. ***Committee Reports*** -

A. *Energy Committee* –Mr. Mettler was not present but e-mailed his report (see attached). Ms. Schultz reported that Mr. Bale was unable to attend but e-mailed his report to him on EarthAid, a behavioral modification approach to home energy.

B *Watershed Committee* – Ms. Duffy e-mailed her report (see attached)

C. *Transportation Committee* – Mr. Innes reported that due to other commitments, he will no longer serve as the Co-Chair of the Transportation Committee. He will continue to work on the Cresheim Trail Committee. Mr. Innes thanked Mr. Havir for his follow-up on a possible connector trail to the Cresheim Trail through Arcadia University's property. Discussion ensued on the plans proposed by Arcadia University for a trail on their campus which also includes the installation of a pedestrian footbridge. Total cost of the project would be approximately $50,000. Mr. Innes offered three points for consideration: 1) Width of trail, 2) Terminating end to feed out of Arcadia's site at Limekiln Pike and into Glenside with access to outside members and 3) access point and parking on Church Road. Create a trail head and a safe route out of Glenside; managing traffic in and out of the site were issues discussed. The EAC discussed the

opportunity for grant funding through PECO's Green Region Open Space Program. Mr. Havir recommended the Township file a grant in partnership with Arcadia University and as a collaborative effort that supports the overall goals noted in the Cresheim Trail Feasibility Study. At this point, Ms. Duffy joined the meeting on the phone. Ms. Carroll made a motion for the EAC to recommend to the Public Works Committee consideration for the Township to file a grant application in the amount of $10,000 in partnership with and support of Arcadia's plan to build a trail as proposed (with the recommendation that the multi-purpose trail be at least eight (8) feet in width for ADA compliance); seconded by Ms. Duffy. The motion was unanimous.

D. Buildings Committee – Ms. Rosenberg e-mailed her report. (See attached). This report will be discussed further at the next EAC meeting. Mr. Schultz e-mailed his report (see attached) and reported on the following: 1) Energy Retrofit Project and Fixed Price Contracting with Constellation New Energy, Inc., 2) Town Capital Budget and Energy Retrofit Planning and 3) Regional Energy Works Program for Residents and Businesses. Discussion ensued about projected Township future energy efficiency projects. Mr. Schultz requested an update of these projects and Mr. Havir responded that many projects are planned in the 2011 Capital Budget ~~some of~~ which are as follows: Additional lighting upgrades for Rowland Community Center (RCC); some parking lot lighting in Township Parklands; Wall Park skateboard area; Glenside Library first floor; Township Administration Building (TAB) first floor; District Court, Police Administrative Building (PAB) first floor and service bays at the Public Works Building, as well as Traffic Signal LED upgrades and crosswalk signals and intersections. HVAC upgrades planned for: TAB first floor, Curtis Hall; and Richard Wall House basement climate control modification.

E. Communication Committee – Ms. Carroll noted that the Township website will be redesigned based on a recent contract the Township Commissioners recently awarded to a web

design firm. The EAC has been asked for input on space and content. The EAC discussed a green corner on the front page as well as what types of and number of links they would like to have. Discussion ensued about an environment projects link. It was decided to have Ms. Carroll develop some design recommendations and e-mail to the EAC members for input.

4. *Old Business*:

A. Update on Pennsylvania Electric Choice - Mr. Havir reported that last month when the EAC reviewed the initial pricing proposal, the street light account was not included in the analysis provided by Constellation New Energy (CNE). However, the street light account has now been included and CNE has offered a better fixed price which includes all 36 electric accounts which are now offered at a lower rate – 1, 2, and 3 year rate as compared to PECO's current price. Savings increased from $15,048 to $17,688 or from .08460 to .06874 per kWh. It was discussed that the contract term should be locked in for no longer than one year since the market was still in flux. Discussion ensued on retrofits, past performance, distribution and generation charges. At the end of the discussion, it was the consensus of EAC members that they would recommend a one year contract with CNE for a $17,688 savings over PECO's expired rate cap at the end of 2010.

B. Delaware Valley Regional Planning Commission (DVRPC) Air Quality Partnership event Mr. Havir discussed the possibility of holding a spring 2011event featuring a lawn mower trade-in program that provides residents and consumers with rebates and other discounts on electric powered or push mowers; raise awareness of pollution, changing behaviors and reducing pollution from emissions produced by gas powered equipment. The DVRPC was looking for a venue for a regional event where large numbers of residents in Montgomery and perhaps Bucks County could drop off old lawn mower equipment. This event could coincide with the annual Earth Day Festival. Ms. Duffy feels that the EAC could work with DVRPC to support the

regional event at the Township's annual Earth Day Festival to be held in May. Ms. Duffy will contact Ms. Maureen Farrell of DVRPC. Ms. Carroll offered the Twining Golf Course as a possible site for collection.

C. Recycling Program

Mr. Schultz wished to review the resolution he created for the EAC regarding recycling and discuss three points: 1) recommendation to have the Cheltenham Township Board of Commissioners and Township Staff investigate the cost effectiveness of educational and infrastructure investments and waste fee policies that will yield substantial improvements in our residential waste diversion rate; 2) recommendation to have Cheltenham Township Board of Commissioners and Township Staff consider variable rate pricing programs or a "pay as you throw concept" as a method for generating income that could be reinvested in infrastructure to expand the township's recycling program (pay as you throw concept) and 3) recommendation that the Cheltenham Township Board of Commissioners and Township Staff consider ways to generate income through variable rate pricing plans to purchase future equipment necessary to provide single stream recycling. Mr. Havir stated that a feasibility analysis would need to be done by the Committee on the various issues that are being recommended. Mr. Havir did note that a feasibility study had been completed earlier this year by Gannett Fleming, Inc. on single stream recycling. Discussion ensued and Mr. Schultz offered to table recycling discussion. It was further agreed to evaluate the Gannett Fleming, Inc. feasibility study that Mr. Havir will provide to everyone and compare the environmental benefits. It was decided to form a subcommittee on recycling of those present to meet on December 13, 2010 at 7:00 p.m. at the Township Administration Building to discuss the first two sections of the resolution and report back to the EAC at its next meeting.

5. New Business

A. Review of the Draft Action Plan for Water Conservation Initiatives was tabled for discussion at next month's EAC meeting.

6. Other Business – None

7. ***Adjournment*** – Ms. Carroll made a motion to adjourn the meeting which was seconded by Ms. Duffy. The meeting was adjourned at 9:56 p.m.

David G. Kraynik,
Township Manager

Submitted by:
Kathryn McDevitt

MEETING ATTENDANCE

Environmental Advisory Council

Monday, November 15, 2010 @ 7:30 P.M.

TOWNSHIP ADMINISTRATION BUILDING
8230 Old York Road, Elkins Park, PA 19027

(Please Print Clearly)

Name	E-mail or Other Contact Info, if desired	Member (Y/N)
MIRIAM MOSS	mossm@arcadia.edu	Y
Mary Beth Carroll	MBCarroll	Y
Jonathan Essoka	jessoka@verizon.net	Y
David Schultz	davids@ccasavesenergy.org	Y
BONNIE HAY	belh@verizon.net	N (not official)
Jim Innes	jim.innes2@gmail.com	N
B. Chadwick		Y

McDevitt, Kathryn

From: wmmettler3@aol.com

Sent: Sunday, November 14, 2010 10:16 PM

To: david.mcveigh.schultz@gmail.com; McDevitt, Kathryn

Cc: beduffy@comcast.net; darylc@jdavisarchitects.com; Rosenberg.Lorna@epamail.epa.gov; mbcarroll@aol.com; mossm@arcadia.edu; essoka.jonathan@epa.gov

Subject: Re: EAC Communications

Dear David:
I understand that you are chairing the meeting tomorrow evening.
I'm going to be out of state tomorrow evening so here is what we've been up to with regard to our lean-energy town.
You may choose either way about putting the following in the EAC minutes--in either case, I'll back you up 100%.

We are driving toward the official and celebratory Launch of Transition Cheltenham on February 19, Saturday, 2011--location to be announced. This past Friday evening, a Transition Team of 21 folks put together the "nuts and bolts" of the campaign to include all in our township interested in sustainability, a lean energy flourishing local economy and a resilient community in the event of fossil fuel crises:
In the next three months we will be:
Amassing an existing practioners inventory with regard to groups and individuals in our town, engaged in sustainability.
Conducting Skill Sharing Workshops at Adult School in: Energy Conservation, Integrated Pest Management (gardening), & Food Preserving.
Finishing and "publicizing" the Cheltenham Township safe Bike Path Network.
Researching a manageable township-wide carbon footprint to be used as a baseline for energy conservation project assessment.
Distributing our "Home Greening Guide" for Home energy conservation.
Introducing a Psychology of Change discussion group to prepare for the end (costs & benefits) of cheap energy and what that will mean in our daily lives.

Respectfully submitted,
Bill Mettler

Watershed Committee Report: EAC Meeting November 15, 2010

* **Coventry Park Riparian Planting Report** is attached.

*October 21st attended TTF Partnership's new monthly film discussion. They showed "Gasland", a documentary that details the history of Natural Gas drilling in the United States and the implications that gas drilling can have on Pennsylvanians and especially its watersheds.

***Riparian Corridor Conservation District Ordinance Draft review**- Montco Planner, Hannah Mazacarro scheduled another joint EAC / Ad Hoc Zoning committee meeting for Monday, October 25th at 6pm at Curtis Hall. We will need at least one more review meeting with the EAC/AD Hoc committees before it can move onto the Planning Commission for a formal presentation. Issues regarding the smaller residential lots still have not been fully discussed and worked out.

* **Native Plant ordinance**- This ordinance preliminary draft is complete and still needs to move onto next step, but is held up due to the focus on the Riparian Corridor Ordinance.

* Continue to work with EAC Buildings Committee and TTF Watershed Partnership on brainstorming **Water Conservation strategies** to promote to the community. Lorna has drafted an "Action Plan for Water Conservation Initiatives" and this is being reviewed. (Buildings Committee report will have more on this.)

* Exciting Green Roof project going on at CHS in their AP Environmental class. Lorna is setting up speakers and the project will end with a presentation to us at our January EAC meeting.

* ***Upcoming events:***

Saturday, November 20th: TTF Partnership is hosting a Tree Planting Project. They are planting street and yard trees in the Germantown/East Mt. Airy neighborhood. Meet at 9:00 a.m. at Reverend Williams' House (6211 Chew Avenue, Philadelphia PA).

Sunday, November 21st : Natural Gifts Workshop 1:00 to 2:00 p.m. OR 2:00 p.m. to 3:00 p.m.
Call to register for a time slot. FHSP Office 7910 Montgomery Avenue Elkins Park, PA
Spend an hour making some useful "green" gifts using items from the pantry and garden. Three workshops in one! Make a pinecone birdfeeder, a room freshening pomander and a nature inspired hand printed cloth napkin.
FHSP Members-$5.00 Non-members-$7.50 per person
Register by calling 215-782-8082 or email us at info@fhsp.org

Thursday, December 2: Special FIRST Thursday Screening Club [*Please note date change!]
Join TTF for a special screening club event on Thursday, December 2 at 6:30 p.m. at Awbury Arboretum. We will be hosting swimmer/activist Christopher Swain, and screening a documentary of his swim of the Hudson River.

Saturday and Sunday, December 4th and 5th: Ethical Electronic Recycling Drive
VOLUNTEERS NEEDED!
Our Ethical Electronics Recycling Drive will take place on Saturday December 4 and Sunday December 5, at Cedarbrook Middle School (300 Longfellow Rd in Wyncote). We need adult volunteers to assist in weighing, packing and loading electronics as well as greeting patrons and collecting contact information. We will be providing gloves, drinks, snacks and lunch. The event will take place rain or shine! Please make sure to dress for the weather and wear sturdy boots to protect your feet. Remember, as a thank-you to our volunteers, you can recycle up to 10 pounds of e-waste for free! If you'd like to recycle used electronics, the cost is $1 per pound and net proceeds will go to TTF's environmental education efforts in local schools.

Coventry Park Riparian Planting

Planting Dates: October 16, 2010

Planting Expenses: ***(Budgeted in the grant)***

1. **Tools-**	30 canvas gloves	$ 42.00
	2 Good Grip trowels	$ 21.60
	3 transplant trowels	$ 32.40
	3 Trowel Comfort Grip	$ 15.80
	3 Truper Shovels	$ 33.60
	3 LH Round Shovels	$ 24.00
	3 Transplanter Comfort Grip	$ 15.60
	1 DH Round Shovel	$ 10.40
	Total:	**$195.20**

Food Expenses: ***(Donated expense)***

Snacks/food- chip snack bags & granola bars	$ 28.00
Beverages/ice- water, iced tea and coffee	$ 4.00
Paper goods- napkins and cups	$ 7.98
Total:	**$ 39.98**

Volunteer Hours:

Preparations for planting **# of volunteers- 5** **Total - 11 hours**

Included- purchasing tools & snacks, communication, packing & unloading tools, setup/cleanup.

Planting Day **# of volunteers- 36** **Total - 174 hours**

Included- planting plants and putting up deer fencing.

Total volunteer hours: 185 hours

Submitted by Barbara Duffy, EAC Watershed Committee

McDevitt, Kathryn

From: Rosenberg.Lorna@epamail.epa.gov
Sent: Sunday, November 14, 2010 10:26 PM
To: David McVeigh-Schultz
Cc: Havir, Bryan; McDevitt, Kathryn; David Schultz; Barbara Duffy; Hampton, Kathy
Subject: Re: EAC Building Committee Reporting

Hi, I will not be at the EAC meeting tomorrow night as I will be in Chicago all week for the 2010 Greenbuild Conference. I do have several things to report for the building committee:

- I completed a draft water conservation action plan and distributed it to the EAC. I thought I sent it, but I haven't heard from any of you so maybe I did not. It will have to wait until I come back.
- From the School District:
  - CHS AP Environmental Science Class is conducting an study and evaluation of the requirements and cost of having a green vegetated roof on some part of the building. The teacher, Russell Wolf hopes that when the students are ready, they will make presentation to our EAC and the School Board to go ahead and look for approval and grant funding for the project.
  - The facilities department of the School District is looking to have ASHRAE level 1 & 2 audits conducted on all of the buildings and enter them in Energy Star Portfolio Managers. They are looking to work with a PECO contractor for this work in order to take advantage of the rebates now being made available for energy audits and building upgrades.
  - Recycling...several parents and I met with the Superintendent and head of Facilities to discuss the implementation of the district-wide recycling program. All schools have started a program but there are still inconsistencies. In order to get everyone on board, we asked the Superintendent to support a "Cheltenham Recycles Week". She was very enthusiastic about this idea and even wants to get Chartwells Food service involved. Dr. Davis declared that the week of Martin Luther King Day would be a great week for a kick off of programs and acitivities around recycling. The committee will be working on this through December. I know Bill Mettler is working with Myers and Cedarbrook which is great!
  - Regarding students, I believe it might be a great thing to have a student from the highschool have a a rotating "at-large" student seat on the EAC to encourage civic involvement with decision making and matters of environmental concern to our community. Any thoughts?

See you next month! Lorna

Lorna Rosenberg, Sustainable Building Advisor
Green Building Program Manager
U.S. Environmental Protection Agency
1650 Arch Street - 3EA40
Philadelphia, PA 19103

Wk: 215-814-5389
Cell: 215-779-1953
Fax: 215-814-2783

-----David McVeigh-Schultz <david.mcveigh.schultz@gmail.com> wrote: -----

To: Lorna Rosenberg/R3/USEPA/US, "Havir, Bryan" <bhavir@cheltenham-township.org>, "McDevitt, Kathryn" <kmcdevitt@cheltenham-township.org>
From: David McVeigh-Schultz <david.mcveigh.schultz@gmail.com>
Date: 11/14/2010 07:55AM
Cc: David Schultz <davids@ecasavesenergy.org>, Barbara Duffy <beduffy@comcast.net>, Kathy Hampton <kashampton@gmail.com>
Subject: EAC Building Committee Reporting

Lorna, Bryan, and Kathryn,

My contribution to the Building Committee's monthly report is copied below.

Dave

Buildings Committee Report or Report Addendum

1. Energy Retrofit Project and Fixed Price Contracting with Constellation New Energy Inc.

Barbara and I attended the Township's Public Works Committee and supported the Manager's recommendation for a one year contract, providing that fixed price contracting would not apply to town buildings where energy efficiency retrofit projects have been recently been completed or are nearing completion. We understood that the Committee recommended to Commissioners to contract for one year on 13 of 15 high use accounts, with the exception of the Rowland Community Center and Municipal Services Building. Also, we understood that town managers were in negotiation with Constellation for pricing to include the township's traffic signals in the Constellation Energy contract. I believe that a final proposal by managers is due for review at the next Commissioners meeting.

To follow up I have asked Bryan to report to the EAC as to how many of the street traffic signal accounts have received retrofits to LED lighting within the last six months, so he can consider whether it would benefit the township to have prices locked in on those accounts for the next year. My research indicated that incandescent lighting changed to LED saves an average 80% to 90% of consumption and 40% to 60% of utility costs.

2. Town Capital Budget and Energy Retrofit Planning

The President of Commissioners 2011 budget message was discussed at the township Finance Committee but not distributed to citizens. It proposed the 2011 operating and capital budgets. Most discussion at the meeting regarded plans for further reduction of the preliminary 10% deficit in the 2011 operating budget. I have requested that Bryan report to the EAC provide two lists - - one of of building, street or traffic signal retrofit projects that the managers have recommended for funding in the 2011 fiscal year and another of those still remaining on the bond project list. That way the EAC can review the manager's investment priorities.

The Finance Committee also received a report about the status of an upcoming capital bond issue. They reported that they were reviewing reocmmendations by staff for capital projects over the next three years. I asked Bryan to report and energy conservation, renewable energy or water conservation projects for either buildings or streets that the Township Managers are considering as part of their 3 year capiital project recommendations. I encourage the EAC to discuss and comment on these recommendations, once they are provided.

3. Regional Energy Works Program for Residents and Businesses is Launched

On November 11 Mayor Michael Nutter and members of the Metropolitan Caucus announced new EnergyWorks program and website to offer low-interest loans to homeowners and commercial

property owners to finance energy efficient building improvements. The website is www.energyworksnow.com . Additional information to help plan an EnergyWorks financed residential energy efficiency project can be found at www.ecasavesenergy.org .

EnergyWorks is a comprehensive energy solutions program for home and commercial or industrial building owners. It is a program of the Metropolitan Caucus, a coalition of Commissioners and Council members from Bucks, Chester, Delaware, and Montgomery Counties, and the Mayor of Philadelphia, supported by a $25 million grant from the US Department of Energy's Better Buildings Program. EnergyWorks helps owners find ways to reduce their building's energy use, and EnergyWorks' below market, low-interest loans help them pay for the upgrade. The initiative aims to generate more energy efficient upgrades in existing homes and buildings as well as new construction and hopes to issue more than 2,000 loans in the next three years. The program will also create new jobs for building auditors and inspectors and increase opportunities for local contractors with expertise in green building/energy efficient installations. The program will provide $300 rebates for home-energy assessments, as well as energy-improvement loans of up to $15,000 with interest rates as low as 0.99 percent. Commercial loans will be available with interest rates as low as 3.5 percent.

From: David McVeigh-Schultz [mailto:david.mcveigh.schultz@gmail.com]
Sent: Monday, November 01, 2010 10:13 PM
To: Havir, Bryan
Subject: Recycling Resolution Approved

Bryan,

The EAC's voting members have been e-mailing back and forth to revise the text of the resolution that we tentatively approved at our last meeting. The members that approved the statement below are Barb, Mary Beth, Lorna, and Miriam. Please forward this to the manager and commissioners and arrange to get this on the agenda of the next Public Works Committee meeting, as we had requested at the EAC meeting. Thanks.

Dave

Cheltenham Environmental Advisory Committee Resolution for our Commissioners

Where as: The diversion of residential waste to Cheltenham Township's recycling program generates $120,000 in net income each year.

Whereas: Our township disposes its waste in the county incinerator at a rate of $63 per ton, and we understand that waste disposal costs the Township about $1,067,500 a year.

Whereas: Doubling of our township's recycling from 21% to 42%, would yield income of $120,000 from fees and avoided costs totaling $184,000.

Where as: The U.S. Environmental Protection Agency says that 55% of Southeast Pennsylvania's municipal waste stream is composed of materials that can be recycled under current programs. i.e. paper (35%) plastic (11%) metal (5%) and glass (3%).

Where as: Pennsylvania Dept. of Environmental Protection's 2002 Solid Waste Plan says that Pennsylvania's municipalities have achieved an average 36% waste diversion rate, but municipalities in Montgomery County have fallen behind the rest of the state with a diversion rate averaging 20%.

Where as: Municipalities in the State of California recycled an average of 65% of their residential waste in 2009.

Where as: New York City recycled 64% of its waste in 2009.

Where as: Incineration of trash generates a great deal of carbon dioxide which is a green house gas gas that contributes to global warming.

Where as: Radnor Township, in Delaware County, has determined in a recent study that 23% of their township's green house has emissions come from waste incineration and transportation.

It is resolved that:

The Cheltenham Environmental Advisory Council recommend that the Township Managers and Commissioners investigate the cost effectiveness of educational and infrastructure investments and waste fee policies that will yield substantial improvements in our residential waste diversion rate

Where as: More than 25% of municipal governments in the United States employ variable waste disposal pricing systems that reduce waste and encourage recycling.

Where as: The Pennsylvania Dept. of Environmental Protection stated in its Solid Waste Plan (2002) that 211 Pennsylvania municipalities administer "pay as you throw" plans.

Where as: Studies have found that variable priced disposal programs decrease residential disposal by about 17 percent in weight with 8–11 percent being diverted directly to recycling programs.

Where as: A 17% reduction in waste and 10% increase in recycling would result in savings of $181,500 and net income of $60,000 for a total net gain of $241,500.

It is resolved that:

The Cheltenham Environmental Advisory Council recommend that the Township Managers and Commissioners consider variable rate pricing plans as a method for generating income that could be reinvested in infrastructure to expand the township's recycling program,

Whereas: Cheltenham Township managers have been considering adopting a single

stream recycling program in collaboration with other townships in Montgomery County.

Where as: Single stream recycling has resulted in higher rates of recycling participation across the county.

Where as: Abington Township has fully implemented a single stream recycling program.

Where as: Philadelphia's government reported that compacting trucks for recycling through single stream methods cost $150.000 each.

Where as: Most townships in Pennsylvania that have launched single stream programs after having received state grants to purchase compacting trash trucks.

Where as: Pennsylvania recycling infrastructure grants are not currently being offered to municipalities in the state.

It is resolved that:

The Cheltenham Environmental Advisory Council recommend that the Township Managers and Commissioners consider ways to generate income through variable rate pricing plans to provide the equipment necessary to provide single stream recycling.