

EAC AGENDA

Haverford Twp EAC – Tuesday, January 9, 2018 at 7:30 pm, Quattrani

EAC Members 2017-2018: Terry Watkins - (1 - D'Emilio) - David Schwartz (2 - Oliva) Katie Thompson – (3 - McClusky) – Aurora Dizel (4 - Siegel) – Victor Barsky (5 - Lewis) – Rob Graff (6 - Holmes) – Henry Eichman - (7 - McGarrity) – Peter Puglionesi (8 - Hart) – Patty Loomer (9 - Wechsler) – EAC Appointees - Dave Hartke, James Knox, Andrew Seaman; Commissioner Gerry Hart; P. Hickman - Township Liaison; Lori Hanlon Widdop - Township Assistant Director & Former Liaison.

1. Meeting Minutes

- a. **Approval of Prior Month Meeting Minutes** (by S. Clark)
- b. **Volunteer to Prepare Tonight's Minutes**

2. Climate Action Plan Implementation. EAC Climate Action Plan progress status report: Comm Oliva questions/response and update on school district data component. Possible cable presentation of workshop series and plans to reprise for next year (possibly Earth Day). Potential resolutions (CCL "Carbon Fee" Resolution or joining Paris Accord or "Ready for 100" commitments) and additional BoC action needed.

3. Recycling and Composting: Recycling survey status. Status of proposed composting ordinance revision, postponed presentation requested by Commissioner Holmes on improvements to recycling and composting 1-pager (Borsky). Tabled - Township implementation of new resident recycling envelop package, Apartment recycling progress.

4. Storm Water & Rain Garden Subcommittee Updates: DL, PSP, HE, DH, DS, NS to report. Rain Garden Tour. Update on planning this as a fund raiser for Hav-a-Rain Garden program and awareness builder for rain gardens and stormwater GSI. Business Sponsorship/Non-Profit Partnership. Volunteer needed for fundraising efforts. NFWF and Other Grants. DCVA Darby Median Rain Gardens – Twp declines to pursue due to PennDOT difficulties with larger project. Alternative locations. Participation in new PRC / EDCSWC grant (supplying plants/materials beginning fall 2016). 100 Rain Gardens Initiative. Status/activities, corporate sponsorship/offers to date, plans. Advice on Updates to Twp. Subdivision Design Standards. Report on any progress.

5. EAC Summit (Wed., Oct. 17, 2018-6:30-9:00). Finalizing minutes.

6. Haverford Township Day (1st Saturday in October). Tabled until May 2018.

7. Earth Day Event (Sat. April 21, 2018). Continue planning for 2018 Earth Day.

8. Contributions to Township and Recreation Newsletters. Progress on Township Newsletter (1/18, 4/18, 7/18, 10/18). Recreation Department's HavaGood Times submittal completed (3/18, 6/18, 9/18, 12/18).

9. EAC Website: Review web page update draft from D. Schwartz. Two EAC 1 page guides to buying green power – ready for posting. Composting in progress. Other possible 1-pagers.

10. Preparation of the 2014/2015 EAC Annual Report: 2014 done, status of 2015-17 (Schwartz).

11. Superfund Site: Recent reports.

12. New Logo: Status of D. Hartke work on a more polished version of the EAC logo for review.

13. New Business

Haverford Township Environmental Advisory Committee

Meeting Minutes – January 9, 2018, 7:30 pm

Attendees: EAC Members 2017-2018: Terry Watkins - (1 - D'Emilio) - David Schwartz (2 - Oliva) – Aurora Dizel (4 - Siegel) – Victor Barsky (5 - Lewis) – Henry Eichman - (7 - McGarrity) – Peter Puglionesi (8 - Hart) – EAC Appointees - James Knox Visitors/Volunteers: Steve Clark, Melissa Romano. Commissioner Gerry Hart

2018 Schedule: 1st Tuesday of the Month at Quattrani except for 1/9, 7/10, 9/11/18 (1 week back).

1. Meeting Minutes

a. **Prior Meeting Minutes Approval** (by S. Clark): Motion: A. Dizel, 2nd ; D. Schwartz, unanimous.

b. **Volunteer to Prepare Tonight's Minutes:** S. Clark.

2. **Climate Action Plan (CAP) Implementation.** EAC confirmed its agreement with the Township procuring 100% nuclear power (a low carbon power source, though not considered “renewable”) by unanimous vote. P. Puglionesi will email L. Widdop indicating its concurrence as a good interim step until the next contract is bid. S. Clark will work on updating the status report based on this change. It will indicate the 30% reduction goal will be met for Township operations, though not for the Township as a whole (i.e., residents, businesses). EAC should evaluate additional measures necessary to achieve community-wide goals and new longer range goals and potential resolutions for BoC consideration (e.g., 50% vs. 2005 by 2030, CCL “Carbon Fee” Resolution or joining Paris Accord or “Ready for 100” commitments). S. Clark is seeking comments on the CAP Status update for the school district component. EAC concurred that M. Clark's ‘1 pager’ is suitable for commissioners to distribute and possibly for EAC to contribute to the Township newsletters to inform residents on how to intelligently choose 100% renewable electricity supplier. P. Puglionesi to distribute for review and to finalize. Dialogue continued with Commissioner Oliva on CREC efficiency and vehicles and Township's reluctance to consider hybrid police cruisers due to preferring 4WD SUVs. S Clark will meet with T. Denny and CREC personnel to further evaluate CREC energy efficiency. Victor Donnay responded to P. Puglionesi indicated that no Bryn Mawr students were interested in participating at this time. EAC will reprise the workshop series for next year (possibly on Earth Day) and explore working with Radnor and Lower Merion to get it recorded with sufficient quality to run them on the cable stations. P. Puglionesi a scheduled a conference call with DSNY and a visit to USPS on hybrid garbage trucks and delivery trucks currently being used in a pilot program. These have better fuel economy and fewer brake repairs (lower maintenance costs). Discussed the roll of the “complete streets” approach to promoting low carbon bicycling.

3. **Recycling and Composting:** D. Schwartz will analyze the Recycling survey results after it is closed on Feb. 15. EAC will need to remind the Township to keep its commitment to have the Codes Department provide the recycling package (EAC drafted cover letter, refrigerator poster, schedule and full brochure) for new residents after the building move is complete. No updates: from Commissioners Holmes on proposed revised composting ordinance; from A. Dizel and J. Knox on updating the 2013 “How to Recycle Everything Else”; from V. Barsky on finalizing the recycling presentation for the Board (previously requested by Commissioner Holmes which remains on hold) or a composting poster; from Mr. Gove on commercial recycling (including notifying DEP of recyclers who comingle recycling with trash and claim they do downstream separation of trash and recycling).

Haverford Township Environmental Advisory Committee

Meeting Minutes – January 9, 2018, 7:30 pm

4. Storm Water & Rain Garden Subcommittee (DL, PSP, HE, DH, DS, NS) Update.

P. Puglionesi submitted a proposal to HTCC for Stormwater Planters on December 15th.

Haverford won a grant to install an underground stormwater detention tank at Chatham Park School (about half of the total anticipated capacity, with the balance in a potential future project). This should assist in reducing peak flows downhill in a flood prone area.

Tabled Topics: Revising ordinances to regulate new piping of storm water to the street from existing buildings and better addressing driveway drainage to the street for new construction; EAC representative on the Comprehensive Plan update Committee; Rain Garden Tour; HTSD education and demonstration gardens; Intern; Paddock Park Rain Garden retention capacity improvement; Spring Road “Nature Center” Rain Garden; 100 Rain Gardens Initiative; NFWF Grants; Other Grants/Sponsorships; Median Rain Gardens (Twp Led); DEP MS4 Permit for TMDL Watersheds.

5. EAC Summit (Wed., Oct. 17, 2018-6:30-9:00). P. Puglionesi to provide T. Watkins with a final attendance list and T. Watkins will provide a summary of the event. EAC to review minutes and comment. Next summit will be Oct. 17, 2018.

6. Haverford Township Day (1st Saturday in October). James Knox volunteered to organize it. Further planning Tabled until May 2018.

7. Earth Day Event (Sat. April 21, 2018). A Dizel reported that 2018 Earth Day planning is progressing well. Discussed expansion of the CREC rain garden, but will require township public works to regrade sections before beginning. Locating it at the new Municipal building will be considered for 2019. Commercial participants (\$100 fee) will include Savatree; the Energy Coop; Nolan Painting; DelVal Water Garden; and Armen Chevrolet. Bright Farms has not confirmed. Non-profits will tentatively include PRC, DCVA, Master Gardeners, Bureau of Forestry – Smokey Bear. Riverbend Environmental Center will return and Greener Partners with the bike blender and other activities (no truck, cost of \$350). Melissa will display various Composters. Expanding the soccer field Rain Garden was considered, but was it was decided to expand pollinator garden with scout involvement – Discussed lawn signs and a possible Banner across Darby Road.

8. Contributions to Township and Recreation Newsletters. A. Dizel provided material for the Township Newsletter (deadlines 4/18, 7/18, 10/18, 1/19). Recreation Department’s HavaGood Times is due 3/18 (6/18, 9/18, 12/18).

9. EAC Website: Review web page update draft from D. Schwartz. Two EAC 1 page guides to buying green power – ready for posting. Composting 1 pager in progress.

10. Preparation of the 2017 EAC Annual Report: 2014 done; Dave Schwartz to prepare briefer annual reports for 2015/2016/2017. BOC will not present on annual report in favor of topical presentations as needed.

11. Superfund Site: Recent reports. Not discussed.

12. New Logo: Status of D. Hartke work on a more polished version of the EAC logo for review in January.

13. New Business – A. Dizel reported on the formation of a library “stay woke” group – M. Clark connected with them and is meeting with them tomorrow.

14. Next Meeting Feb. 5th, 2018

EAC AGENDA

Haverford Twp EAC – Tuesday, February 6, 2018 at 7:30 pm, Quattrani

EAC Members 2017-2018: Terry Watkins - (1 - D'Emilio) - David Schwartz (2 - Oliva) Katie Thompson – (3 - McClusky) – Aurora Dizel (4 - Siegel) – Victor Barsky (5 - Lewis) – Rob Graff (6 - Holmes) – Henry Eichman - (7 - McGarrity) – Peter Puglionesi (8 - Connell) – Patty Loomer (9 - Wechsler) – EAC Appointees - Dave Hartke, James Knox, Andrew Seaman; Commissioner Gerry Hart; Peter Hickman - Township Liaison; Lori Hanlon Widdop - Township Assistant Director & Former Liaison.

- 1. Meeting Minutes**
 - a. **Approval of Prior Month Meeting Minutes** (by P. Puglionesi)
 - b. **Volunteer to Prepare Tonight's Minutes**
- 2. Climate Action Plan Implementation.** EAC Climate Action Plan progress status report: Update on school district data component, update on CREC and new Twp Power Contract amendment; hybrid/alt. fuel vehicle update. Workshop series update (possibly Earth Day). Potential resolutions (e.g., 50% by 2025; CCL "Carbon Fee" Resolution or joining Paris Accord or "Ready for 100" commitments) and additional BoC action needed.
- 3. Recycling and Composting:** Recycling survey presentation plans. Status of proposed composting ordinance revision, postponed presentation requested by Commissioner Holmes on improvements to recycling and composting 1-pager (Borsky). Township implementation of new resident recycling envelop package. Tabled -Apartment recycling progress.
- 4. Storm Water & Rain Garden Subcommittee Updates:** DL, PSP, HE, DH, DS, NS to report.
Rain Garden Tour. Update on planning this as a fund raiser for Hav-a-Rain Garden program and awareness builder for rain gardens and stormwater GSI.
Business Sponsorship/Non-Profit Partnership. Volunteer needed for fundraising efforts.
NFWF and Other Grants. DCVA Darby Median Rain Gardens – Twp declines to pursue due to PennDOT difficulties with larger project. Alternative locations. Participation in new DCVA / EDCSWC grant (supplying plants/materials beginning spring 2017).
100 Rain Gardens Initiative. Status/activities, corporate sponsorship/offers to date, plans.
Advice on Updates to Twp. Subdivision Design Standards. Report on any progress.
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- 7. Earth Day Event (Sat. April 21, 2018).** Continue planning for 2018 Earth Day.
- 8. Contributions to Township and Recreation Newsletters.** Progress on Township Newsletter (1/18, 4/18, 7/18, 10/18). Recreation Department's HavaGood Times submittal completed (3/18, 6/18, 9/18, 12/18).
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- 10. Preparation of the 2014/2015 EAC Annual Report:** 2014 done, status of 2015-17 (Schwartz).
- 11. Superfund Site:** Recent reports.
- 12. New Business**

Haverford Township Environmental Advisory Committee

Meeting Minutes – February 6, 2018, 7:30 pm

Attendees: EAC Members 2017-2018: David Schwartz (2 - Oliva); Katie Thompson – (3 - McClusky); Aurora Dizel (4 - Siegel) – Victor Barsky (5 - Lewis) – Rob Graff (6 - Holmes) – Henry Eichman - (7 - McGarrity) – Peter Puglionesi (8 - Hart); Commissioner Gerry Hart; Township Liaison - Peter Hickman; Visitors/Volunteers: Steve Clark, Melissa Romano, Jesse Hart.

2018 Schedule: 1st Tuesday of the Month at Quattrani except for 1/9, 7/10, 9/11/18 (1 week back).

1. Meeting Minutes

a. **Prior Meeting Minutes Approval** (by S. Clark): Motion: V. Barsky, 2nd; P. Hickman, unanimous.

b. **Volunteer to Prepare Tonight's Minutes:** S. Clark.

2. Climate Action Plan (CAP) Implementation.

School District update was emailed to Board Chair on February 5. S. Clark Visited with Tim Denny & Larry Woods at CREC on Feb. 2 and found significant energy saving opportunities (scheduling of HVAC, LEDs for large areas and parking, and better control of pumps). A follow up meeting is scheduled with PECO Feb. 8 to see about obtaining incentives energy savings for these improvements. P. Puglionesi and R. Dougherty held a conference call with the Director of the New York City Dept. of Sanitation regarding their pilot hybrid refuse truck program. While it is premature for them to endorse the reliability and payback of the hydraulic and electric hybrid systems, they recommended several smaller energy efficiency technologies which Public Works is considering. Messrs. Puglionesi, Dougherty and Gentile (and a vehicle fleet staff person) visited USPS to discuss their hybrid delivery trucks currently being used in a pilot program. The demonstration is going well so far, although USPS indicated that fully electric trucks is their likely next step.

S. Clark will present an update of the Township presentation at the March Commissioners workshop meeting based on the amended Township power contract which is now procuring 100% nuclear (low carbon) power. Recreation Director T. Denny will be asked to speak on progress with CREC energy efficiency measures. The Public Works Director already spoke to the Commissioners regarding plans to purchase 2 propane fuel refuse trucks (15% lower greenhouse gas levels vs. diesel) with other energy efficiency technology (rapid payback, but more minor efficiency improvement than hybrid technology). EAC will need to revisit the procurement of 100% renewable power when the next contract bids are solicited (i.e., before the 2020 expiration of the current contract). With the Township and School District operations having met the 30% greenhouse reduction goal (vs. 2005) but the township as a whole actually having made little progress, we will also address appropriate next steps (e.g., convert CREC to LED, train on energy efficient building management, Green Fleets program) and how do you move the bar for residents (e.g., Ready for 100).

Education/Outreach: K. Thompson indicated that in 6th grade science – every student is doing an energy self-audit.

Follow up is needed on the School District update and, in future, EAC should evaluate additional measures necessary to achieve community-wide goals and new longer range goals and potential resolutions for BoC consideration (e.g., 50% vs. 2005 by 2030, CCL "Carbon Fee" Resolution or joining Paris Accord or "Ready for 100" commitments). EAC needs to schedule the Climate Action workshop series for next year and explore working with Lower Merion to get it recorded with sufficient quality to run them on the cable stations.

Haverford Township Environmental Advisory Committee

Meeting Minutes – February 6, 2018, 7:30 pm

3. **Recycling and Composting:** D. Schwartz will analyze the Recycling survey results after it is closed on Feb. 15 and EAC will discuss in March. EAC will need to remind the Township to keep its commitment to have the Codes Department provide the recycling package (EAC drafted cover letter, refrigerator poster, schedule and full brochure) for new residents after the building move is complete. No updates: from Commissioners Holmes on proposed revised composting ordinance; from A. Dizel and J. Knox on updating the 2013 “How to Recycle Everything Else”; from V. Barsky on finalizing the recycling presentation for the Board (previously requested by Commissioner Holmes which remains on hold) or a composting poster; from Mr. Gove on commercial recycling (including notifying DEP of recyclers who comele recycling with trash and claim they do downstream separation of trash and recycling).
4. **Storm Water & Rain Garden Subcommittee (DL, PSP, HE, DH, DS, NS) Update.**
Hav-a-Rain Garden received a small grant from HTCC for Stormwater Planters for area businesses. DCVA is working with the Township on alternative locations because the Twp. declined to pursue due to PenDOT permitting difficulties with the larger streetscape project. Tabled Topics: Revising ordinances to regulate new piping of storm water to the street from existing buildings and better addressing driveway drainage to the street for new construction; EAC representative on the Comprehensive Plan update Committee; Rain Garden Tour; HTSD education and demonstration gardens; Intern; Paddock Park Rain Garden retention capacity improvement; Spring Road “Nature Center” Rain Garden; 100 Rain Gardens Initiative; NFWF Grants; Other Grants/Sponsorships; Median Rain Gardens (Twp Led); DEP MS4 Permit for TMDL Watersheds.
5. **EAC Summit (March 13th, 6-9 pm).** P. Puglionesi sent the minutes of the 2017 summit. DCVA will host the next summit on March 13th, 2018 at the CREC. A. Dizel will attend the April 14 EAC session at the annual Pennsylvania Conservancy Summit in lieu of T. Denny (who is attending the first 2 days but cannot attend the third).
6. **Haverford Township Day (1st Saturday in October).** James Knox volunteered to organize it. Further planning Tabled until May 2018.
7. **Earth Day Event (Sat. April 21, 2018).** A. Dizel reported that 2018 Earth Day planning is going well. In addition to previously discussed content, S. Clark will supply a band; P. Puglionesi will try to borrow portable solar panels and A. Dizel is pursuing bat house and banners. HCAN has offered to staff a booth on power switch to renewable energy.
8. **Contributions to Township and Recreation Newsletters.** A. Dizel / P. Puglionesi provided material for the Township Newsletter was submitted and S. Clark will do a write-up on Climate Action Plan Status for web and next twp newsletter. (deadlines 4/18, 7/18, 10/18, 1/19). Recreation Department’s HavaGood Times is due 3/18 (6/18, 9/18, 12/18).
9. **EAC Website:** Review web page update draft from D. Schwartz. Two EAC 1 page guides to buying green power – ready for posting. Composting 1 pager in progress.
10. **Preparation of the 2017 EAC Annual Report:** 2014 done; Dave Schwartz to prepare briefer annual reports for 2015/2016/2017. BOC will not present on annual report in favor of topical presentations as needed.
11. **Superfund Site:** Recent reports. Not discussed.
12. **New Business** – A. Dizel reported the library “stay woke” group canceled a planned meeting.
13. **Next Meeting March 6th, 2018**

EAC AGENDA

Haverford Twp EAC – Tuesday, March 6, 2018 at 7:30 pm, Quattrani

EAC Members 2017-2018: Terry Watkins - (1 - D'Emilio) - David Schwartz (2 - Oliva) Katie Thompson – (3 - McClusky) – Aurora Dizel (4 - Siegel) – Victor Barsky (5 - Lewis) – Rob Graff (6 - Holmes) – Henry Eichman - (7 - McGarrity) – Peter Puglionesi (8 - Hart) – Patty Loomer (9 - Wechsler) – EAC Appointees - Dave Hartke, James Knox, Andrew Seaman; Commissioner Gerry Hart; Peter Hickman.

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Haverford Township Environmental Advisory Committee

Meeting Minutes – March 6, 2018, 7:30 pm

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2018 Schedule: 1st Tuesday of the Month at Twp. Bldg. except for 1/9, 7/10, 9/11/18 (1 week back).

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S. Clark will present an update of the Township presentation at the March Commissioners workshop meeting based on the amended Township power contract which is now procuring 100% nuclear (low carbon) power. The School District update was emailed to Board Chair on February 5. S. Clark may speak briefly at an upcoming School Board meeting. S. Clark worked with Tim Denny on a PECO application that would provide incentives for energy efficiency measures at CREC (e.g., scheduling of HVAC, LEDs for large areas and parking, and better control of pumps). The Township plans to procure 2 propane powered refuse trucks (15% lower green house gas levels vs. diesel) with other energy efficiency technology (e.g., disconnecting transmission on braking) rapid payback, but more minor efficiency improvement than hybrid technology. The hybrid refuse truck option was considered too unproven, given that pilot programs are still underway in large cities. The township is also reportedly considering procuring an electric vehicle for traffic enforcement and is reluctant to procure hybrid police vehicles because the Ford model is based on the Fusion and is not spacious enough for police gear and does not have 4 wheel drive. R. Graff indicated that new DVRPC data show that Greenhouse Gas (GHG) emissions from power generation in Pennsylvania dropped 9% more between 2014 and 2016 due to the continued trend of shifting from coal to natural gas generation plants.

Long Range: With the Township and School District operations having met the 30% greenhouse reduction goal (vs. 2005) but the township as a whole actually having made less progress (higher consumption helped by lower GHG average grid power), EAC will also evaluate additional measures necessary to achieve community-wide goals and new longer range goals and potential resolutions for BoC consideration (e.g., 50% vs. 2005 by 2030, CCL "Carbon Fee" Resolution or joining Paris Accord or "Ready for 100" commitments). Specific steps could include the Township requesting a PA-wide hybrid police 4 WD "spec" vehicle through collaboration with non-profits, planning agencies and PA "STARS" procurement system; training someone in building management system programming and energy (it may be more efficient to have a Delaware County- Wide position to cover the entire county). Tabled until 2019: Procurement of 100% renewable power when the next contract bids are solicited (i.e., before the 2020 expiration of the current contract).

Education/Outreach: K. Thompson indicated that in 6th grade science – every student is doing an energy self-audit. EAC needs to schedule the Climate Action workshop series for 2018 and explore working with Lower Merion to get it recorded with sufficient quality to run them on the cable stations.

Haverford Township Environmental Advisory Committee

Meeting Minutes – March 6, 2018, 7:30 pm

- 3. Recycling and Composting:** Reviewed D. Schwartz Recycling survey results write-up. Most view the program favorably, discussed presenting to Commissioners in April or May. Mr. Gove gave an update via email on commercial recycling and will forward the 2017 figures within the next week or two. Discussed L. Gentile comment on higher recycling costs vs. trash due to “dirty” recycling and the need for EAC to explore cures. EAC will need to remind the Township to keep its commitment to have the Codes Department provide the recycling package (EAC drafted cover letter, refrigerator poster, schedule and full brochure) for new residents after the building move is complete. No updates: from Commissioners Holmes on proposed revised composting ordinance; from A. Dizel and J. Knox on updating the 2013 “How to Recycle Everything Else”; from V. Barsky on finalizing the recycling presentation for the Board (previously requested by Commissioner Holmes) or a composting poster.
- 4. Storm Water & Rain Garden Subcommittee (DL, PSP, HE, DH, DS, NS) Update.**

Hav-a-Rain Garden received a small grant from HTCC for Stormwater Planters for area businesses (possibly PVC planter purchase or building from the PHS design). DCVA is working with the Township on alternative locations because the Twp. declined to pursue due to PenDOT permitting difficulties with the larger streetscape project.

Tabled Topics: Revising ordinances to regulate new piping of storm water to the street from existing buildings and better addressing driveway drainage to the street for new construction; EAC representative on the Comprehensive Plan update Committee; Rain Garden Tour; HTSD education and demonstration gardens; Intern; Paddock Park Rain Garden retention capacity improvement; Spring Road “Nature Center” Rain Garden; 100 Rain Gardens Initiative; NFWF Grants; Other Grants/Sponsorships; Median Rain Gardens (Twp Led); DEP MS4 Permit for TMDL Watersheds.
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- 7. Earth Day Event (Sat. April 21, 2018).** A. Dizel reported that 2018 Earth Day planning continues to go. Open items: Borrow portable solar panels, bat house and banners.
- 8. Contributions to Township and Recreation Newsletters.** A. Dizel / P. Puglionesi provided material for the Township Newsletter was submitted and S. Clark will do a write-up on Climate Action Plan Status for web and next twp newsletter. (deadlines 4/18, 7/18, 10/18, 1/19). Recreation Department’s HavaGood Times is due 3/18 (6/18, 9/18, 12/18).
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- 11. Superfund Site:** Recent reports. Not discussed.
- 12. New Business – None.**
- 13. Next Meeting April 4th, 2018**

EAC AGENDA

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6. Haverford Township Day (1st Saturday in October). Tabled until May 2018.

7. Earth Day Event (Sat. April 21, 2018). Final planning for 2018 Earth Day.

8. Contributions to Township and Recreation Newsletters. Progress on Township Newsletter (1/18, 4/18, 7/18, 10/18). Recreation Department's HavaGood Times submittal completed (3/18, 6/18, 9/18, 12/18).

9. EAC Website: Review web page update draft from D. Schwartz. Two EAC 1 page guides to buying green power – ready for posting. Composting in progress. Other possible 1-pagers.

10. Preparation of the 2014/2015 EAC Annual Report: 2014 done, status of 2015-17 (Schwartz).

11. Superfund Site: Recent reports.

12. New Business

Haverford Township Environmental Advisory Committee

Meeting Minutes – April 3, 2018, 7:30 pm

Attendees: EAC Members 2017-2018: - David Schwartz (2 - Oliva) – Katie Thompson – (3 - McClusky) – Aurora Dizel (4 - Siegel) – Victor Barsky (5 - Lewis) – Rob Graff (6 - Holmes) – Henry Eichman - (7 - McGarrity) – Peter Puglionesi (8 - Hart) – EAC Appointees - James Knox; Commissioner Gerry Hart; Township Liaison - Peter Hickman; Visitors/Volunteers: Kathy Gretzenburg (Shade Tree Commission); Jesse Hart (Recreation); Melissa Romano.

2018 Schedule: 1st Tuesday of the Month at Twp. Bldg. except for 1/9, 7/10, 9/11/18 (1 week back).

1. Meeting Minutes

- a. **Prior Meeting Minutes Approval** (by P. Puglionesi): Motion: H. Eichman; 2nd K. Thompson. Unanimous
- b. **Volunteer to Prepare Tonight's Minutes:** P. Puglionesi.

2. Climate Action Plan (CAP) Implementation.

S. Clark may discuss the School District (SD) during the public comment period of a SD meeting, giving them hard copy of the Climate Status update. He will meet with SD Board Member J. Martin and review the potential for further improvements via better building energy management. S. Clark reviewed the Montco Ready for 100 progress (5 municipalities have signed on) and approach (location specific plan) Sustainable PA approach, a long rating checklist and bronze/silver/gold status. P. Puglionesi will reach out to Lower Merion to brief us on their Sustainable PA effort – either at our meeting or for us to attend their EAC meeting. Aurora made a motion to create a Climate Action Sub-Committee to continue focused efforts on Climate Action which was seconded by Henry and Victor and approved unanimously. The Sub-Committee will be chaired by S. Clark and A. Dizel and additional initial members include M. Romano, James Knox. No updates on the CREC / Township Building energy management or the Township's planned procurement of 2 propane powered refuse trucks (15% lower green house gas levels vs. diesel) with other energy efficiency technology (e.g., disconnecting transmission on braking) and an electric vehicle for traffic enforcement.

Long Range: The Sub-Committee will evaluate additional measures necessary to achieve the community-wide 30% reduction goal and new longer range goals and potential resolutions for BoC consideration (e.g., 50% vs. 2005 by 2030, CCL "Carbon Fee" Resolution or joining Paris Accord or "Ready for 100" commitments).

Education/Outreach: No update on the 6th grade science effort – every student is doing an energy self-audit. EAC needs to schedule the Climate Action workshop series for 2018 and explore working with Lower Merion to get it recorded with sufficient quality to run them on the cable stations.

3. Recycling and Composting:

D. Schwartz will update the Recycling survey results write-up based on all comments received for possible presentation to Commissioners in May. H. Eichman relayed his conversation with L. Gentile indicating recycling participation is up to 65% recycling after the mailing of stickers, poster and letter; the county will raise the trash "tipping fee" in 2019 by 61%. H. Eichman proposed looking at a Hefty Trash Bag sponsored program that uses an Orange Bag to recycle "hard to recycle" other items which was implemented in a mid-west 6000 household municipality. EAC reminded the Township after the building move to keep its commitment to have the Codes Department provide the recycling package (EAC drafted cover letter, refrigerator poster, schedule and full brochure) for new residents. The

Haverford Township Environmental Advisory Committee

Meeting Minutes – April 3, 2018, 7:30 pm

response is that there will be no hard copy transmittal in the future, so there needs to be another way to communicate this.

Tabled Topics: DelCo suggestion to do outreach to “clean up” the recycling stream and ask for a recycler audit to adjust pricing. Mr. Gove on the 2017 commercial/apartment recycling figures. No updates: from Commissioners Holmes on proposed revised composting ordinance; from A. Dizel and J. Knox on updating the 2013 “How to Recycle Everything Else”; from V. Barsky on finalizing the recycling presentation for the Board (previously requested by Commissioner Holmes) or a composting poster.

4. Storm Water & Rain Garden Subcommittee (DL, PSP, HE, DH, DS, NS) Update.

Tabled Topics: Hav-a-Rain Garden received a small grant from HTCC for Stormwater Planters for area businesses (possibly PVC planter purchase or building from the PHS design). DCVA is working with the Township on alternative locations because the Twp. declined to pursue due to PenDOT permitting difficulties with the larger streetscape project. Revising ordinances to regulate new piping of storm water to the street from existing buildings and better addressing driveway drainage to the street for new construction; EAC representative on the Comprehensive Plan update Committee; Rain Garden Tour; HTSD education and demonstration gardens; Intern; Paddock Park Rain Garden retention capacity improvement; Spring Road “Nature Center” Rain Garden; 100 Rain Gardens Initiative; NFWF Grants; Other Grants/Sponsorships; Median Rain Gardens (Twp Led); DEP MS4 Permit for TMDL Watersheds.

- 5. EAC Summit (March 13th, 6-9 pm).** DCVA hosted the first a “Community Series” event for EAC members on March 13th, 2018 at the CREC. A. Dizel will attend the April 14 EAC session at the annual Pennsylvania Conservancy Summit in lieu of T. Denny (who is attending the first 2 days but cannot attend the third).
- 6. Haverford Township Day (1st Saturday in October).** James Knox volunteered to organize it. Further planning Tabled until May 2018.
- 7. Earth Day Event (Sat. April 21, 2018).** A. Dizel reported that 2018 Earth Day planning continues to go well. Posters will be distributed and PR developed for the various activities. K. Gretzenburg (Shade Tree Commission) offered to help with the DCVA watershed table.
- 8. Contributions to Township and Recreation Newsletters.** A. Dizel will draft with S. Clark write-up on Climate Action Plan Status for next twp newsletter. (deadlines 4/18, 7/18, 10/18, 1/19). Recreation Department’s HavaGood Times is due 3/18 (6/18, 9/18, 12/18).
- 9. EAC Website:** Review web page update draft from D. Schwartz. Two EAC 1 page guides to buying green power – ready for posting. Composting 1 pager in progress.
- 10. Preparation of the 2017 EAC Annual Report:** 2014 done; Dave Schwartz to prepare briefer annual reports for 2015/2016/2017. BOC will not present on annual report in favor of topical presentations as needed.
- 11. Superfund Site:** Recent reports. Not discussed.
- 12. New Business –** K. Gretzenburg discussed EAC/Shade Tree Commission coordination. Discussed Shade mission, PECO. D. Schwartz volunteered to review Planning/Zoning agendas and attend planning and zoning meetings and flag issues of interest to EAC. Newtown Township has a Planning Commission Member that attends EAC.
- 13. Next Meeting May 1st, 2018**

EAC AGENDA

Haverford Twp EAC – Tuesday, May 1, 2018 at 7:30 pm, New Township Bldg.

EAC Members 2017-2018: Terry Watkins - (1 - D'Emilio) - David Schwartz (2 - Oliva) Katie Thompson – (3 - McClusky) – Aurora Dizel (4 - Siegel) – Victor Barsky (5 - Lewis) – Rob Graff (6 - Holmes) – Henry Eichman - (7 - McGarrity) – Peter Puglionesi (8 - Hart) – Patty Loomer (9 - Wechsler) – EAC Appointees - Dave Hartke, James Knox, Andrew Seaman; Commissioner Gerry Hart; Peter Hickman - Township Liaison.

1. Meeting Minutes

- a. **Approval of Prior Month Meeting Minutes** (by P. Puglionesi)
- b. **Volunteer to Prepare Tonight's Minutes**

2. **Climate Action Plan Implementation.** EAC Climate Action Plan progress status report: Update on school district data component and potential discussion at Board meetings or with Board members, CREC; hybrid/alt. fuel vehicles. Ready for 100 / Sustainable PA. Workshop series scheduling. Plan to propose climate resolution (e.g., 50% by 2025; CCL "Carbon Fee" Resolution or joining Paris Accord or "Ready for 100" commitments) and additional BoC action needed.
3. **Recycling and Composting:** Recycling survey presentation plans. Status of proposed composting ordinance revision. Township implementation of new resident recycling envelop package. Tabled - Apartment recycling progress.
4. **Storm Water & Rain Garden Subcommittee Updates:** DL, PSP, HE, DH, DS, NS to report.
Rain Garden Tour. Update on planning this as a fund raiser for Hav-a-Rain Garden program and awareness builder for rain gardens and stormwater GSI.
Business Sponsorship/Non-Profit Partnership. Volunteer needed for fundraising efforts.
NFWF and Other Grants. DCVA Darby Median Rain Gardens – Twp declines to pursue due to PennDOT difficulties with larger project. Alternative locations. Participation in new DCVA / EDCSWC grant (supplying plants/materials beginning spring 2017).
100 Rain Gardens Initiative. Status/activities, corporate sponsorship/offers to date, plans.
Advice on Updates to Twp. Subdivision Design Standards. Report on any progress.
5. **EAC Summit (Wed., Oct. 17, 2018-6:30-9:00).** Tabled until August 2018.
6. **Haverford Township Day (1st Saturday in October).** Begin discussion/planning May 2018.
7. **Earth Day Event (Sat. April 21, 2018).** Recap of 2018 Earth Day.
8. **Contributions to Township and Recreation Newsletters.** Progress on Township Newsletter (1/18, 4/18, 7/18, 10/18). Recreation Department's HavaGood Times submittal completed (3/18, 6/18, 9/18, 12/18).
9. **EAC Website:** Review web page update draft from D. Schwartz. Two EAC 1 page guides to buying green power – ready for posting. Composting in progress. Other possible 1-pagers.
10. **Preparation of the 2014/2015 EAC Annual Report:** 2014 done, status of 2015-17 (Schwartz).
11. **Superfund Site:** Recent reports.
12. **New Business**

Haverford Township Environmental Advisory Committee

Meeting Minutes – May 1, 2018, 7:30 pm

Attendees: EAC Members 2017-2018: Terry Watkins - (1 - D'Emilio) - David Schwartz (2 - Oliva) - Katie Thompson – (3 - McClusky) – Aurora Dizel (4 - Siegel) – Victor Barsky (5 - Lewis) – Rob Graff (6 - Holmes) – Henry Eichman - (7 - McGarrity) – Peter Puglionesi (8 - Hart) – EAC Appointees - NA; Commissioner Gerry Hart; Township Liaison - Peter Hickman; Visitors/Volunteers: Jesse Hart (Recreation); Steve Clark; Melissa Romano.

2018 Schedule: 1st Tuesday of the Month at Twp. Bldg. except for 1/9, 7/10, 9/11/18 (1 week back).

1. Meeting Minutes

- a. **Prior Meeting Minutes Approval** (by P. Puglionesi): Motion: H. Eichman; 2nd K. Thompson. Unanimous
- b. **Volunteer to Prepare Tonight's Minutes:** P. Puglionesi.

2. Climate Action Plan (CAP) Implementation.

S. Clark met with the School District (SD) Board Member J. Martin and reviewed the potential for further carbon emission improvements via better building energy management and Mr. Martin indicated he would set up a meeting with SD staff and the architect for the Lynnewood School renovation. The Climate Sub-Committee will continue to study the Ready for 100 and Sustainable PA approaches and level of effort. P. Puglionesi reached out to Lower Merion (LM) Planning Dept staff for a meeting or call to them brief us on their Sustainable PA effort. No updates on the CREC / Township Building energy management or the Township's planned procurement of 2 propane powered refuse trucks and an electric vehicle for traffic enforcement. Discussed the error in the 1 pager on the PECO "Standard Offer" program and the need to correct it. You need to call PECO "Smart" and request Green Mountain renewable power (or any other renewable supplier that joins the program) instead of the alternative supplier directly.

Long Range: The Subcommittee (S. Clark, A. Dizel, M. Romano, J. Knox will evaluate additional measures necessary to achieve the community-wide 30% reduction goal and new longer range goals and potential resolutions for BoC consideration (e.g., 50% vs. 2005 by 2030, CCL "Carbon Fee" Resolution or joining Paris Accord or "Ready for 100" commitments).

Education/Outreach: No update on the HMS 6th grade science effort – every 6th grade student is doing an energy self-audit. K. Thompson will reach out to the Science curriculum person. EAC has scheduled the Climate Action workshop series for HTFL in the summer of 2018 and is exploring working with Haverford College or Lower Merion to get it recorded with sufficient quality to run them on the cable stations.

3. Recycling and Composting:

Discussed D. Schwartz's Recycling survey results write-up. Among the suggestions, G. Hart indicated there should be more refined EAC recommendations on the path forward. On recommendations, discussed removing "commercial recycling" (already have a program and adding possibly using an additional Monday recycling day for separate high value cardboard/paper pickup, outreach to "clean up" the recycling stream and the cost implications, etc. Discussed that the township switch to electronic communication on move in/certificate of occupancy communications means they say they can no longer hand over a hard copy recycling package after closing but can provide a web link to information. Comm. Hart indicated that Comm. Siegal sends a letter with information and stickers and he has begun visiting new move ins, although it has proven difficult to connect with them. EAC believes that Commissioner led efforts will remain non-uniform and less than 100% reliable. EAC believes that adding the information to a Codes email to a new homeowner will be ineffective due to

Haverford Township Environmental Advisory Committee

Meeting Minutes – May 1, 2018, 7:30 pm

the other priorities of a new homeowner. Under the circumstances, EAC believes that the better alternative is to mail a brightly colored envelope with the recycling package (EAC drafted cover letter, refrigerator poster, schedule and full brochure) to all new residents.

Tabled Topics: DelCo suggestion to do outreach to “clean up” the recycling stream and ask for a recycler audit to adjust pricing. Mr. Gove on the 2017 commercial/apartment recycling figures. No updates: from Commissioners Holmes on proposed revised composting ordinance; from A. Dizel and J. Knox on updating the 2013 “How to Recycle Everything Else”; from V. Barsky on finalizing the recycling presentation for the Board (previously requested by Commissioner Holmes) or a composting poster.

4. Storm Water & Rain Garden Subcommittee (DL, PSP, HE, DH, DS, NS) Update.

Tabled Topics: Hav-a-Rain Garden received a small grant from HTCC for Stormwater Planters for area businesses (possibly PVC planter purchase or building from the PHS design). DCVA is working with the Township on alternative locations because the Twp. declined to pursue due to PenDOT permitting difficulties with the larger streetscape project. Revising ordinances to regulate new piping of storm water to the street from existing buildings and better addressing driveway drainage to the street for new construction; EAC representative on the Comprehensive Plan update Committee; Rain Garden Tour; HTSD education and demonstration gardens; Intern; Paddock Park Rain Garden retention capacity improvement; Spring Road “Nature Center” Rain Garden; 100 Rain Gardens Initiative; NFWF Grants; Other Grants/Sponsorships; Median Rain Gardens (Twp Led); DEP MS4 Permit for TMDL Watersheds.

5. EAC Summit (Oct 17th, 6-9 pm).

A. Dizel, S. Clark and P. Puglionesi attended the April 14 EAC session at the annual Pennsylvania Conservancy Summit. DCVA has a monthly “Community Series” events for EAC members at the CREC. None of these events has the interactive format and focus on EAC information exchange as the EAC organized summit. EAC will continue to host or coordinate an annual summit.

6. Haverford Township Day (1st Saturday in October).

James Knox volunteered to organize it and will attend the Township Committee meetings.

7. Earth Day Event (Sat. April 21, 2018).

A. Dizel reported that 2018 Earth Day went well. . Alternative venues were discussed but EAC decided to stay the course. It was agreed to schedule similar events so they do not overlap (participants wanted to attend both bat house and blue bird house events). Next year is the Saturday before easter, so an alternate date should be arranged well in advance.

8. Contributions to Township and Recreation Newsletters.

The next one should include outreach on recycling as well as prior topic updates. (deadlines 4/18, 7/18, 10/18, 1/19). Recreation Department’s HavaGood Times is due 3/18 (6/18, 9/18, 12/18).

9. EAC Website:

Review web page update draft from D. Schwartz. Two EAC 1 page guides to buying green power – ready for posting. Composting 1 pager in progress.

10. Preparation of the 2017 EAC Annual Report:

2014 done; Dave Schwartz to prepare briefer annual reports for 2015/2016/2017. BOC will not present on annual report in favor of topical presentations as needed.

11. Superfund Site:

Recent reports. Not discussed.

12. New Business

–None.

13. Next Meeting May 1st, 2018

EAC AGENDA

Haverford Twp EAC – Tuesday, June 5, 2018 at 7:30 pm, New Township Bldg.

EAC Members 2017-2018: Terry Watkins - (1 - D'Emilio) - David Schwartz (2 - Oliva) Katie Thompson – (3 - McClusky) – Aurora Dizel (4 - Siegel) – Victor Barsky (5 - Lewis) – Rob Graff (6 - Holmes) – Henry Eichman - (7 - McGarrity) – Peter Puglionesi (8 - Hart) – Patty Loomer (9 - Wechsler) – EAC Appointees - Dave Hartke, James Knox, Andrew Seaman; Commissioner Gerry Hart; Peter Hickman - Township Liaison.

1. Meeting Minutes

- a. **Approval of Prior Month Meeting Minutes** (by P. Puglionesi)
- b. **Volunteer to Prepare Tonight's Minutes**

2. Climate Action Plan Implementation. EAC Climate Action Plan progress status report: Update on school district assistance and discussion with Board members, CREC; hybrid/alt. fuel vehicles. Ready for 100 / Sustainable PA. Workshop series scheduling. Plan to propose climate resolution (e.g., 50% by 2025; CCL "Carbon Fee" Resolution or joining Paris Accord or "Ready for 100" commitments) and additional BoC action needed.

3. Recycling and Composting: Recycling survey presentation recap. Status of proposed composting ordinance revision (motion to withdraw). Township implementation of new resident recycling envelop package. Tabled - Apartment recycling progress.

4. Storm Water & Rain Garden Subcommittee Updates: DL, PSP, HE, DH, DS, NS to report. Rain Garden Tour. Update on planning this as a fund raiser for Hav-a-Rain Garden program and awareness builder for rain gardens and stormwater GSI. Business Sponsorship/Non-Profit Partnership. Volunteer needed for fundraising efforts. NFWF and Other Grants. DCVA Darby Median Rain Gardens – Twp declines to pursue due to PennDOT difficulties with larger project. Alternative locations. Participation in new DCVA / EDCSWC grant (supplying plants/materials beginning spring 2017). 100 Rain Gardens Initiative. Status/activities, corporate sponsorship/offers to date, plans. Advice on Updates to Twp. Subdivision Design Standards. Report on any progress.

5. EAC Summit (Wed., Oct. 17, 2018-6:30-9:00). Tabled until August 2018.

6. Haverford Township Day (1st Saturday in October). J. Knox update on planning.

7. Earth Day Event (Sat. April 21, 2018). Propose alternate 2019 Earth Day due to Easter conflict.

8. Contributions to Township and Recreation Newsletters. Progress on Township Newsletter (1/18, 4/18, 7/18, 10/18). Recreation Department's HavaGood Times submittal completed (3/18, 6/18, 9/18, 12/18).

9. EAC Website: Review web page update draft from D. Schwartz. Composting in progress. Other possible 1-pagers. EAC 1 page guides to buying green power – posted.

10. Preparation of the 2014/2015 EAC Annual Report: 2014 done, status of 2015-17 (Schwartz).

11. Superfund Site: Recent reports.

12. New Business



HAVERFORD TOWNSHIP ENVIRONMENTAL ADVISORY COMMITTEE MINUTES- JUNE 5, 2018



In Attendance

EAC Members 2017-2018: - David Schwartz (2 - Oliva) - Katie Thompson - (3 - McClusky) - Aurora Dizel (4 - Siegel) - Victor Barsky (5 - Lewis) - Rob Graff (6 - Holmes) - Henry Eichman - (7 - McGarrity) - Peter Puglionesi (8 - Hart) - Patti Loomer (9-Wechsler) - **EAC Appointees** - NA; Township Liaison - Peter Hickman; **Visitors/Volunteers:** Steve Clark, Melissa Romano.

Approval of Minutes

Prior Meeting Minutes Approval (by P. Puglionesi): Motion: H. Eichman; 2nd K. Thompson. Unanimous. **Volunteer to Prepare Tonight's Minutes:** S Clark.

Climate Action Subcommittee (S. Clark, A. Dizel, J. Knox, M. Romano)

"Next Step" Evaluation: EAC is considering both Ready for 100 ("resolution approach", <https://www.sierraclub.org/ready-for-100>) and Sustainable PA Community Certification ("checklist approach", <http://www.sustainablepacommunitycertification.org/>).

S Clark, M Romano, J Knox and P Puglionesi had a conference call on June 6th with Eric Persson, Economic Development Specialist, Township of Lower Merion (LM) to discuss their experience with the Sustainable PA checklist. Notes on the call:

- PA DCED grant applications currently ask if Sustainable PA certified and it is expected that this will be added to selection scoring for grant applications in the future.
- You must respond to 168 questions on a variety sustainability criteria. Answers are scored and determine Certification from "Associate" to "Platinum".
- It took LM several person weeks to complete. It is relatively easy for a municipality to score into the lower tiers - Associate (1-34 of 300 points) or Bronze (35-79 of 300). LM and Philadelphia are Gold certified, West Chester Borough is Silver.
- About 100 municipalities are certified, more in western PA where this initiative appeared to originate, but Lower Merion, West Chester, Philadelphia are certified (http://www.sustainablepacommunitycertification.org/users/certified_municipalities).
- LM management decided to pursue certification independent of BoC or EAC. In Haverford, any initiative like this (or Ready for 100) may require active engagement and buy-in from BOC as well as appropriate municipal government employees.
- Since LM management and EAC are independently implementing sustainability measures, it is unclear what additional sustainability activities were implemented due to certification, but management is clearly interested in improving its certification level.

ACTION EAC to discuss recommendations to the BOC at next meeting.

2017 municipal clean electricity purchase: Haverford should have been issued an Emissions Free Energy Certificate (EFEC) by Constellation (example attached).

ACTION H Eichman to check on this with Kelly Kirk.

Energy Conservation

- **LED streetlights.** Installations appear to be proceeding in Ward 7.

- **CREC.** HVAC mechanical / control problems persist based on energy use information. LEDs are being specified. Application for PECO rebates is in process.
 - **New municipal LEED building.** HVAC systems are operating 24/7 and building uses 2X electricity vs. preceding two structures. Building controls need to be properly set up.
- ACTION** S Clark and P Puglionesi will meet with L Gentile to discuss building efficiency and possible twp employee point person to promote energy efficiency and sustainability.

Recycling and Composting:

D. Schwartz presented survey results to BOC 6/4/18. BOC wanted to know if neighboring municipalities do “clean recycling”, i.e., do not have surcharges for trash mixed with recyclables. Discussed actions to both make recycling more profitable and further increase participation. No response on when recycling package will be sent to new move ins. Suggested presenting a specific priority list to BOC at upcoming session to be reviewed at upcoming EAC. Started 1 pager on recycling FAQs to be presented next month.

ACTION: D. Schwartz to draft a 1 page summary for next issue of Haverford newsletter. P. Puglionesi to obtain contact at recycling company, get cost of “dirty” surcharge and Rob will follow-up.

Tabled Topics: DelCo suggestion to do outreach to “clean up” the recycling stream and ask for a recycler audit to adjust pricing. Mr. Gove on the 2017 commercial/apartment recycling figures. No updates: from Commissioners Holmes on proposed revised composting ordinance; from A. Dizel and J. Knox on updating the 2013 “How to Recycle Everything Else”; from V. Barsky on finalizing the recycling presentation for the Board (previously requested by Commissioner Holmes) or a composting poster.

Storm Water & Rain Garden Subcommittee (DL, PSP, HE, DH, DS, NS)

4-5 residents signed up for assessments at Heritage Day. Hav-a-Rain Garden communicating with Town Tap about possible rain garden in new outdoor eating area, but owner is not very responsive. 4 of 5 residential gardens built. 4 rain gardens for Bailey Park planned for June installation. Planters for businesses going slow, need to do assessments.

Upcoming Events

Summer “What you Can do About Climate Change” Series at the library. A. Dizel to distribute FB event URLs below and otherwise promote the series. S. Clark has posted on H-CAN and Havertown Community FB sites. J. Knox has prepared flyer.

6/19 Understanding Climate Change: <https://www.facebook.com/events/204916256819415/>
 7/10 Demystifying Buying Cheap Renewable Power: <https://www.facebook.com/events/1935648196486987/>
 7/17 Making Your Home More Energy Efficient: <https://www.facebook.com/events/386707145143447/>
 7/21 Conquering Your EV/Plug-In Fears: <https://www.facebook.com/events/1974671192830996/>
 7/24 The Solar Home Conversion Experience: <https://www.facebook.com/events/2034389756882005/>

ACTION: EAC to continue PR and distribute flyer <https://drive.google.com/open?id=0B-B24scZMP4qOVF0NFRncnpPZmNNZmQyZXN6MFZQWIFRR1Q4>

EAC Summit Oct 17th, 2018 6-9 pm. A. Dizel, S. Clark and P. Puglionesi attended the April 14 EAC session at the annual Pennsylvania Conservancy Summit. DCVA has a monthly “Community Series” events for EAC members at the CREC. None of these events has the interactive format and focus on EAC information exchange as the EAC organized summit. EAC will continue to host or coordinate an annual summit.

2018 Haverford Township Day, Oct 6, 2018. ACTION: J. Knox is updating all historical participants (including Earth Day) and email templates for sponsors. Aurora brought up having a recycling expert at TWP day, a good resource for EAC questions.

2019 Earth Day ACTION: Aurora to reserve CREC for April 17, 2019.

Social Media

EAC Website <http://www.haverfordtownship.org/department/board.php?structureid=53> No Update

Social Media. A Dizel has created "Friends of Haverford Township EAC" Facebook Page.
<https://www.facebook.com/FriendsofHaverfordEAC/>

ACTION: at next meeting, EAC to discuss how to use it to engage community on key initiatives, e.g. recycling best practices, raingarden outreach, buying clean electricity etc.

Contributions to Township and Recreation Newsletters.

The next one should include outreach on recycling as well as prior topic updates. (deadlines 4/18, 7/18, 10/18, 1/19). Recreation Department's HavaGood Times is due 3/18 (6/18, 9/18, 12/18).

EAC Annual Report:

2014 done; Dave Schwartz to prepare briefer annual reports for 2015/2016/2017. EAC will not present on annual report to BOC in favor of topical presentations as needed.

Superfund Site

No updates.

New Business

None.

Next Meeting

July 10th, 7:30 pm

Report Date:	Jan-18
For Reporting Year:	2017

Constellation's Carbon-Free Product

Emissions Free Energy Certificates (EFECs)

Company Name:		Total Load (KWh):	382,143
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Constellation's Carbon-Free Product, or Emissions Free Energy Credits (EFECs), represent the emission-free attributes of generating sources, such as nuclear, that do not directly emit greenhouse gases from combustion. When you purchase a Carbon-Free Electricity Plan from Constellation, electricity you purchase will be matched with EFECs, allowing you to easily purchase carbon-free electricity. EFEC retirement was third party verified by Lloyd's Register (LRQA) to ensure no double counting of emission free attributes.

This report itemizes the specific generation sources that are generating the energy to match your purchase.

Reserved Certificates for Current Trading Period of 2017

Unit ID	Facility Name	Fuel Type	Location of Generator	EFEC Cert Number	Quantity
MSET20021102	Limerick -2	Nuclear	PA	PA-EFEC-2017	382.14

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EAC AGENDA

Haverford Twp EAC – Tuesday, July 10, 2018 at 7:30 pm, Township Bldg.

EAC Members 2017-2018: Terry Watkins - (1 - D'Emilio) - David Schwartz (2 - Oliva) Katie Thompson – (3 - McClusky) – Aurora Dizel (4 - Siegel) – Victor Barsky (5 - Lewis) – Rob Graff (6 - Holmes) – Henry Eichman - (7 - McGarrity) – Peter Puglionesi (8 - Hart) – Patty Loomer (9 - Wechsler) – EAC Appointees - Dave Hartke, James Knox, Andrew Seaman; Commissioner Gerry Hart; Peter Hickman - Township Liaison.

1. Meeting Minutes

- a. **Approval of Prior Month Meeting Minutes** (by S. Clark)
- b. **Volunteer to Prepare Tonight's Minutes**

2. Climate Action Subcommittee. SC, AD, JK, MR to report:

Update on school district assistance and discussion with Board; CREC; hybrid/alt. fuel vehicles. Ready for 100 / Sustainable PA Evaluation – discuss whether to propose Sustainable PA Certification and/or climate resolution (e.g., 50% by 2025; CCL “Carbon Fee” Resolution or joining Paris Accord or “Ready for 100” commitments) to the BoC. Workshop series promotion.

3. Recycling and Composting: Recycling 1 pager for Twp Newsletter (D. Schwartz). Status of proposed composting ordinance revision (motion to withdraw). Township implementation of new resident recycling envelop package. Tabled - Apartment recycling progress.

4. Storm Water & Rain Garden Subcommittee: DL, PSP, HE, DH, DS, NS to report.

Rain Garden Tour. Update on planning this as a fund raiser for Hav-a-Rain Garden program and awareness builder for rain gardens and stormwater GSI.

Business Sponsorship/Non-Profit Partnership. Volunteer needed for fundraising efforts.

NFWF and Other Grants. DCVA Darby Median Rain Gardens – Twp declines to pursue due to PennDOT difficulties with larger project. Alternative locations. Participation in new DCVA / EDCSWC grant (supplying plants/materials beginning spring 2017).

100 Rain Gardens Initiative. Status/activities, corporate sponsorship/offers to date, plans.

Advice on Updates to Twp. Subdivision Design Standards. Report on any progress.

5. EAC Summit (Wed., Oct. 17, 2018-6:30-9:00). Tabled until August 2018.

6. Haverford Township Day (1st Saturday in October). J. Knox update on planning.

7. Earth Day Event (Sat. April 21, 2018). Propose alternate 2019 Earth Day due to Easter conflict.

8. Contributions to Township and Recreation Newsletters. Progress on Township Newsletter (1/18, 4/18, 7/18, 10/18). Recreation Department's HavaGood Times submittal completed (3/18, 6/18, 9/18, 12/18).

9. EAC Website: Review web page update draft from D. Schwartz. Composting 1 pager status (Barsky).

10. Preparation of the 2014/2015 EAC Annual Report: 2014 done, status of 2015-17 (Schwartz).

11. Superfund Site: Recent reports.

12. New Business



HAVERFORD TOWNSHIP ENVIRONMENTAL ADVISORY COMMITTEE MINUTES- JULY 10, 2018



In Attendance

EAC Members 2017-2018: - Terry Watkins - (1 - D'Emilio) - Victor Barsky (5 - Lewis) – Rob Graff (6 - Holmes) – Henry Eichman - (7 - McGarrity) – Peter Puglionesi (8 - Hart); –**Commissioner** - Commissioner Gerry Hart; **Visitors/Volunteers:** Steve Clark, Melissa Romano.

Approval of Minutes

Prior Meeting Minutes Approval (by P. Puglionesi): Motion: H. Eichman; 2nd V. Barsky. Unanimous. **Volunteer to Prepare Tonight's Minutes:** P Puglionesi.

Climate Action Subcommittee (S. Clark, A. Dizel, J. Knox, M. Romano)

"Next Step" Evaluation: EAC is considering both Ready for 100 ("resolution approach", <https://www.sierraclub.org/ready-for-100>) and Sustainable PA Community Certification ("checklist approach", <http://www.sustainablepacommunitycertification.org/>).

Discussed potential recommendations on Climate to the Board of Commissioners. These include: and other recommendations S Clark, M Romano, J Knox and P Puglionesi had a conference call on June 6th with Eric Persson, Economic Development Specialist, Township of Lower Merion (LM) to discuss their experience with the Sustainable PA checklist.

- Implementing updated recommendations (e.g., 2020 Ford SUV Police interceptor, formal building mgmt. responsibilities for efficient CREC / Twp. Bldg.) operation, etc.
- Updating our Climate Action Plan with new goals for 2030 to 2035.
- Sustainable PA – PA League of Municipalities initiative included in PA DCED grant forms will be important in obtaining grants in future. ~100 municipalities certified "Associate" to "Platinum", more in western PA where this initiative appeared to originate. Lower Merion, West Chester, Philadelphia are certified and Lower Merion can provide some advice (http://www.sustainablepacommunitycertification.org/users/certified_municipalities).
- Ready for 100 – Sierra Club initiative that requires developing an action plan. The existing Climate Action Plan is a suitable framework and the proposed update can serve that purpose. This provides some support through regional "ready" groups and provides good public exposure for our Twp.
- LM management decided to pursue certification independent of BoC or EAC. In Haverford, any initiative like this (or Ready for 100) may require active engagement and buy-in from BOC as well as appropriate municipal government employees.
- Since LM management and EAC are independently implementing sustainability measures, it is unclear what additional sustainability activities were implemented due to certification, but management is clearly interested in improving its certification level.

ACTION EAC to discuss the administration's receptiveness to potential recommendations at Friday's meeting with L. Gentile, R. Dougherty and T. Denny on building efficiency.

2017 municipal clean electricity purchase: After this EAC meeting, L. Gentile indicated Constellation will issue Haverford an Emissions Free Energy Certificate (EFEC) in early 2019 covering all of 2018.

Energy Conservation

- **LED streetlights.** Installations appear to be proceeding in Ward 7.
- **CREC.** HVAC mechanical / control problems persist based on energy use information. LEDs are being specified. Application for PECO rebates is in process.
- **New municipal LEED building.** HVAC systems are operating 24/7 and building uses 2X electricity vs. preceding two structures. Building controls need to be properly set up.

ACTION S Clark / P Puglionesi will meet with L Gentile 7/14/18 to discuss building efficiency and possible twp employee point person for energy efficiency and sustainability.

Recycling and Composting:

D. Schwartz presented survey results to BOC 6/4/18. BOC wanted to know if neighboring municipalities do “clean recycling”, i.e., do not have surcharges for trash mixed with recyclables. Discussed actions to both make recycling more profitable and further increase participation. No response on when recycling package will be sent to new move ins. Suggested presenting a specific priority list to BOC at upcoming session to be reviewed at upcoming EAC. Started 1 pager on recycling FAQs to be presented next month. Discussed selling composters and H. Eichman indicating the “recycling machine” on the ground is a public health issue (vermin). P. Puglionesi indicated his required installing a ½” steel mesh under it to prevent animals from tunneling in. EAC agreed that the Township should not sell them, but classes that offer them with instruction would be more appropriate.

ACTION: D. Schwartz to draft a 1 page summary for next issue of Haverford newsletter. P. Puglionesi to obtain recycling company & Rob will follow-up, get cost of “dirty” surcharge & guidelines. G Hart to ask for a new resident mailer with a commissioner letter for each ward. V. Barsky will pursue compost workshops with area non-profits that have done them before and prepare a 1 pager for possible Twp newsletter and posting on-line.

Tabled Topics: DelCo suggestion to do outreach to “clean up” the recycling stream and ask for a recycler audit to adjust pricing. Mr. Gove on the 2017 commercial/apartment recycling figures. No updates: from Commissioners Holmes on proposed revised composting ordinance; from A. Dizel and J. Knox on updating the 2013 “How to Recycle Everything Else”; from V. Barsky on finalizing the recycling presentation for the Board (previously requested by Commissioner Holmes) or a composting poster.

Storm Water & Rain Garden Subcommittee (DL, PSP, HE, DH, DS, NS)

4 rain gardens in Bailey Park were installed and planted in June. Planters for businesses going slow, need volunteers. Assessments for fall residential gardens will start in July.

Upcoming Events

“What you Can do About Climate Change” Series at the library is underway. A fall series is being discussed with Haverford College.

ACTION: EAC Climate Comm. to work with Haverford College and other potential sponsors.

EAC Summit Oct 17th, 2018 6-9 pm. **ACTION:** A. Dizel and T. Watkins to work with CREC (and DCVA as another potential sponsor) to reprise our annual event with the interactive format and focus on EAC information exchange.

2018 Haverford Township Day, Oct 6, 2018. ACTION: J. Knox is updating all historical participants (including Earth Day) and email templates for sponsors. Aurora to identify having a recycling expert to come to TWP day, a good resource for EAC questions.

2019 Earth Day ACTION: Aurora to evaluate doing it “built into” the HPED Home Show or at least determine the date not to conflict with it and reserve the CREC (poss. April 27, 2019).

Social Media

EAC Website <http://www.haverfordtownship.org/departments/board.php?structureid=53> No update

Social Media. A Dizel has created “Friends of Haverford Township EAC” Facebook Page.
<https://www.facebook.com/FriendsofHaverfordEAC/>

ACTION: at next meeting, EAC to discuss how to use it to engage community on key initiatives, e.g. recycling best practices, raingarden outreach, buying clean electricity etc.

Contributions to Township and Recreation Newsletters.

Sheba Simms is now responsible for both. **ACTION:** Get outreach on recycling as well as prior topic input to A. Dizel for next one due 8/17/18. (deadlines 4/18, 8/17/18, 10/18, 1/19, 4/19). Recreation Department’s HavaGood Times is due 9/18 (12/18, 3/19, 6/19).

EAC Annual Report:

2014 done; **ACTION:** Dave Schwartz to prepare briefer annual reports for 2015/2016/2017. EAC will not present on annual report to BOC in favor of topical presentations as needed.

Superfund Site

No updates.

New Business

None.

Next Meeting

August 8th, 7:30 pm

EAC AGENDA

Haverford Twp EAC – Tuesday, August 7, 2018 at 7:30 pm, Township Bldg.

EAC Members 2017-2018: Terry Watkins - (1 - D'Emilio) - David Schwartz (2 - Oliva) Katie Thompson – (3 - McClusky) – Aurora Dizel (4 - Siegel) – Victor Barsky (5 - Lewis) – Rob Graff (6 - Holmes) – Henry Eichman - (7 - McGarrity) – Peter Puglionesi (8 - Hart) – Patty Loomer (9 - Wechsler) – EAC Appointees - Dave Hartke, James Knox, Andrew Seaman; Commissioner Gerry Hart; Peter Hickman - Township Liaison.

1. Meeting Minutes

- a. **Approval of Prior Month Meeting Minutes** (by P. Puglionesi)
- b. **Volunteer to Prepare Tonight's Minutes**

2. Climate Action Subcommittee. SC, AD, JK, MR to report:

Twp Manager concurrence on pursuing Sustainable PA Certification and progress. Decide on whether to propose additional climate resolution (e.g., endorse new HB/SB; 50% by 2025; CCL "Carbon Fee" Resolution or joining Paris Accord or "Ready for 100" commitments) to the BoC. Fall Workshop series at Haverford College planning.

3. Recycling and Composting: Township implementation of new resident recycling envelop package (G. Hart). R. Graff on guidance/outreach materials from Republic for cleaning the recycling stream. 1 page on Recycling (D. Schwartz) and Composting (V. Barsky) for Twp Newsletter. Status of proposed composting ordinance revision (motion to withdraw). Tabled - Apartment recycling progress.

4. Storm Water & Rain Garden Subcommittee: DL, PSP, HE, DH, DS, NS to report.

Rain Garden Tour. Volunteers needed.

Business Sponsorship/Non-Profit Partnership. Volunteer needed.

NFWF and Other Grants. DCVA Darby Median Rain Gardens – Bailey complete. Progress on 2nd alternative location – Llanerch Ave.

100 Rain Gardens Initiative. Status/activities, corporate sponsorship/offers to date, plans.

Advice on Updates to Twp. Subdivision Design Standards. Report on any progress.

5. EAC Summit (Wed., Oct. 17, 2018-6:30-9:00). A. Dizel update on planning.

6. Haverford Township Day (1st Saturday in October). J. Knox update on planning.

7. Earth Day Event (Sat. April 21, 2018). A. Dizel update on date selection/HPED coordination.

8. Contributions to Township and Recreation Newsletters. Progress on Township Newsletter (1/18, 4/18, 7/18, 10/18). Recreation Department's HavaGood Times (3/18, 6/18, 9/18, 12/18).

9. EAC Website: A. Dizel on web page updates.

10. Preparation of the 2014/2015 EAC Annual Report: 2014 done, status of 2015-17 (Schwartz).

11. Superfund Site: PS Puglionesi to find out who at township gets reports no longer forwarded.

12. New Business



HAVERFORD TOWNSHIP ENVIRONMENTAL ADVISORY COMMITTEE MINUTES- AUGUST 7, 2018



In Attendance

EAC Members 2017-2018: Terry Watkins - (1 - D'Emilio) - David Schwartz (2 - Oliva) – Aurora Dizel (4 - Siegel) – Victor Barsky (5 - Lewis) – Henry Eichman - (7 - McGarrity) – Peter Puglionesi (8 - Hart) – Patty Loomer (9 - Wechsler); **EAC Appointees:** James Knox **Township Liaison** - Peter Hickman; **Commissioner** - Commissioner Gerry Hart; **Visitors/Volunteers:** Steve Clark, Melissa Romano, Nina Latassa.

Approval of Minutes

Prior Meeting Minutes Approval (by P. Puglionesi): Motion: V. Barsky.; 2nd H. Eichman, Unanimous.
Volunteer to Prepare Tonight's Minutes: P. Puglionesi.

Climate Action Subcommittee (S. Clark, A. Dizel, J. Knox, M. Romano)

Climate Action Event: Sunday, Nov 4th at Haverford College planning is progressing with 2 weekly calls thus far.

Meeting: Comm. Hart, S. Clark and P. Puglionesi met with L. Gentile, R. Dougherty and T. Denny, to discuss climate action. The high energy usage for the new Twp. bldg. was due to the boilers not turned off at the end of the heating system. Two 2 young carpenters have been trained in operating the building management system and tasked with proper HVAC system. This assignment will not extend to the Skatium or CREC. Constellation will provide a carbon-free power certificate for CY 2018 in early 2019. The Twp. plans to propane/diesel dual fuel trucks including 2 heavy duty trucks and 2 trash trucks. It has already committed to purchase 2 non-hybrid Police SUVs but saw the new Ford SUV Police Interceptor Utility Hybrid SUV at a show and is following its progress to market. The Twp. is open to getting Sustainable PA certification from PA Municipal League to support grant applications and get credit for its work on Climate. T. Denny recounted how the 2009 Climate resolution was effective in getting grants and all present were receptive to a follow-up Climate Action resolution setting new goals and potentially endorsing Ready for 100, proposed PA legislation to achieve 100% renewable energy by 2050 and other initiatives. Meetings to begin the Sustainable PA process will be scheduled for October (& quarterly thereafter).

ACTION S. Clark to demonstrate the PECO real-time data access for A. Cuthbertson and the 2 carpenters. S. Clark to send township Ice Rink Energy Checklist. S. Clark/ P. Puglionesi to schedule October Sustainable PA meeting. S. Clark to meet with A. Cuthbertson to discuss PECO LED lighting rebates.

"Next Step" Evaluation: EAC agreed to draft and propose a new Climate Action Resolution that would include new goals for the Township and potentially endorsing both Ready for 100 ("resolution approach", <https://www.sierraclub.org/ready-for-100>) and Sustainable PA Community Certification ("checklist approach", <http://www.sustainablepacommunitycertification.org/>).

ACTION S. Clark to draft a Climate Action Resolution based on RF100 examples (e.g., Kennett Twp. and a general template) and include endorsement of the state proposed legislation.

Recycling and Composting:

D. Schwartz still working on recycling 1 pager for the Twp. newsletter. V. Barsky was provided contact information for Pennsylvania Resources Council (PRC) who has put on Composting workshops in the past and he agreed to coordinate a future workshop where the fee would include a composter.

ACTION: G. Hart will discuss with other Commissioners having the Twp. send a recycling package with Commissioner cover letter to new move ins. D. Schwartz to complete a 1 page recycling summary for

Haverford newsletter. R. Graff will follow-up with Republic Services to get the cost of “dirty” recycling surcharge & guidelines and to invite them to have a display at Haverford Township Day (A. Dizel volunteered for the latter effort if R. Graff cannot). V. Barsky will pursue compost workshops with area non-profits that have done them before and prepare a 1 pager for possible Twp newsletter and posting on-line. P. Puglionesi to find out if A. Cuthbertson includes recycling data in monthly metrics.

Tabled Topics: DelCo suggestion - outreach to “clean up” the recycling stream and ask for a recycler audit to adjust pricing. Mr. Gove on the 2017 commercial/apartment recycling figures. No updates: from Commissioners Holmes on proposed revised composting ordinance; from A. Dizel and J. Knox on updating the 2013 “How to Recycle Everything Else”; from V. Barsky on finalizing the recycling presentation for the Board (previously requested by Commissioner Holmes) or a composting poster.

Storm Water & Rain Garden Subcommittee (DL, PSP, HE, DH, DS, NS)

Planters for businesses going slow, need volunteers. Fall residential garden assessments in progress.

Upcoming Events

EAC Summit Oct 17th, 2018 6-9 pm. **ACTION:** T. Watkins to work with CREC (and DCVA as another potential sponsor) to reprise our annual interactive EAC information exchange format event.

2018 Haverford Township Day, Oct 6, 2018. **ACTION:** J. Knox will make invitations to prior participants (including HT Day and Earth Day). R. Graff or A. Dizel to identify having a recycling expert to come to TWP day, a good resource for EAC questions.

2019 Earth Day **ACTION:** Aurora to evaluate doing it “built into” the HPED Home Show or at least determine the date not to conflict with it and reserve the CREC (poss. April 27, 2019).

Social Media

EAC Website <http://www.haverfordtownship.org/department/board.php?structureid=53> No update

Social Media. “Friends of Haverford Township EAC”. <https://www.facebook.com/FriendsofHaverfordEAC/>

ACTION: Continue to grow Facebook followers and engage community on key initiatives, e.g. recycling best practices, raingarden outreach, buying clean electricity etc.

Contributions to Township and Recreation Newsletters.

Sheba Simms is now responsible for both. **ACTION:** Get outreach on recycling as well as prior topic input to A. Dizel for next one due 8/17/18. (deadlines 4/18, 8/17/18, 10/18, 1/19, 4/19). Recreation Department’s HavaGood Times is due 9/18 (12/18, 3/19, 6/19).

EAC Annual Report:

2014 done; **ACTION:** Dave Schwartz issued 2015/16 for review; all to review w/in 2 weeks, then we will publish. to prepare briefer annual reports for 2015/2016/2017. EAC will not present on annual report to BOC in favor of topical presentations as needed.

Superfund Site

PS Puglionesi forwarded DMRs from K. Kelly. No issues.

New Business

None.

Next Meeting

7:30 pm; 1st Tuesday of Month except 1/9, 7/10, 9/11/18 (1 week back).

EAC AGENDA

Haverford Twp EAC – Wednesday, Sept. 5, 2018 at 7:30 pm, Township Bldg.

EAC Members 2017-2018: Terry Watkins (1 - D'Emilio) – David Schwartz (2 - Oliva) – Katie Thompson – (3 - McClusky) – Aurora Dizel (4 - Siegel) – Victor Barsky (5 - Lewis) – Rob Graff (6 - Holmes) – Henry Eichman (7 - McGarrity) – Peter Puglionesi (8 - Hart) – Patty Loomer (9 - Wechsler) – EAC Appointees - Dave Hartke, James Knox, Andrew Seaman; Commissioner Gerry Hart; Peter Hickman - Township Liaison.

1. Meeting Minutes

- a. **Approval of Prior Month Meeting Minutes** (by P. Puglionesi)
- b. **Volunteer to Prepare Tonight's Minutes**

2. Climate Action Subcommittee. SC, AD, JK, MR to report:

Draft resolution for the BoC on new climate action goals, Sustainable PA Certification and endorsements (e.g., new HB/SB; 50% by 2025; CCL "Carbon Fee" Resolution or joining Paris Accord or "Ready for 100" commitments).

Fall Workshop series at Haverford College planning.

3. Recycling and Composting: Township implementation of new resident recycling envelop package (G. Hart). R. Graff/J. Knox on guidance/outreach materials from Republic for cleaning the recycling stream. 1 page on Recycling (D. Schwartz) and Composting (V. Barsky) for Twp Newsletter. Tabled - Apartment recycling progress.

4. Storm Water & Rain Garden Subcommittee: DL, PSP, HE, DH, DS, NS to report on progress, tabled items:

Rain Garden Tour. Volunteers needed.

Business Sponsorship/Non-Profit Partnership. Volunteer needed.

NFWF and Other Grants. DCVA Darby Median Rain Gardens – Bailey complete. Progress on 2nd alternative location – Llanerch Ave.

100 Rain Gardens Initiative. Status/activities, corporate sponsorship/offers to date, plans.

Advice on Updates to Twp. Subdivision Design Standards. Report on any progress.

5. EAC Summit (Wed., Oct. 17, 2018-6:30-9:00). T. Watkins update on planning.

6. Haverford Township Day (1st Saturday in October). J. Knox update on planning.

7. Earth Day Event (Sat. April 21, 2018). A. Dizel update on date selection/HPED coordination.

8. Contributions to Township and Recreation Newsletters. Progress on Township Newsletter (1/18, 4/18, 7/18, 10/18). Recreation Department's HavaGood Times (3/18, 6/18, 9/18, 12/18).

9. EAC Website: A. Dizel on web page updates.

10. Preparation of the 2014/2015 EAC Annual Report: 2014 done, status of 2015-17 (Schwartz).

11. Superfund Site: PS Puglionesi to find out who at township gets reports no longer forwarded.

12. New Business



HAVERFORD TOWNSHIP ENVIRONMENTAL ADVISORY COMMITTEE MINUTES- SEPTEMBER 5, 2018



In Attendance

EAC Members 2017-2018: Terry Watkins - (1 - D'Emilio) - Victor Barsky (5 - Lewis) – Henry Eichman - (7 - McGarrity) – Peter Puglionesi (8 - Hart); **EAC Appointees:** James Knox **Township Liaison** - Peter Hickman; **Visitors/Volunteers:** Steve Clark, Melissa Romano.

Approval of Minutes

Prior Meeting Minutes Approval (by P. Puglionesi): Motion: H. Eichman; 2nd V. Barsky, Unanimous.
Volunteer to Prepare Tonight's Minutes: P. Puglionesi.

Climate Action Subcommittee (S. Clark, R. Graff, A. Dizel, J. Knox, M. Romano)

Climate Action Event: Sunday, Nov 4th at Haverford College planning is progressing with several calls thus far, an agenda and a planned meeting to review the venues.

Climate Action Resolution/Plan Update: EAC will prepare a new Climate Action Resolution for the October Board of Commissioners meeting that would include new goals for the Township and potentially endorsing both Ready for 100 ("resolution approach", <https://www.sierraclub.org/ready-for-100>) and Sustainable PA Community Certification ("checklist approach", <http://www.sustainablepacommunitycertification.org/>).

ACTION S. Clark to draft a Climate Action Resolution based on RF100 examples (e.g., Kennett Twp. and a general template) and include endorsement of the state proposed legislation.

Quarterly Climate Meeting: The next quarterly meeting would fall in October, but may be pushed back due to budgeting. Attendees will be Comm. Hart, L. Gentile, R. Dougherty and T. Denny, and members of the EAC Climate Committee. EAC also requested that the Township form a team to work on the Sustainable PA certification from the PA Municipal League. S. Clark reported that higher than expected energy usage for the new Twp. bldg. has continued even after the boilers not turned off at the end of the heating system were shut down. The Twp. is open to getting Sustainable PA certification to support grant applications and get credit for its work on Climate. T. Denny recounted how the 2009 Climate resolution was effective in getting grants and all present were receptive to a follow-up Climate Action resolution setting new goals and potentially endorsing Ready for 100, proposed PA legislation to achieve 100% renewable energy by 2050 and other initiatives. Meetings to begin the Sustainable PA process will be scheduled for October (& quarterly thereafter).

ACTION S. Clark to demonstrate the PECO real-time data access for A. Cuthbertson and the 2 carpenters assigned to maintain the Twp. Building management system. Follow-up with Skatium Staff on Ice Rink Energy Checklist. S. Clark/ P. Puglionesi to schedule October Sustainable PA meeting. S. Clark to meet with A. Cuthbertson to discuss PECO LED lighting rebates.

Recycling and Composting:

D. Schwartz completed the recycling 1 pager for the Twp. newsletter and it was submitted late so it may not get in this edition. V. Barsky is coordinating a future workshop with Pennsylvania Resources Council (PRC) who has put on Composting workshops in the past where the fee would include a composter. V. Barsky will price above ground units that the Township might sell without risk of attracting vermin. J. Knox will follow up with Republic on possible separate pickup of cardboard and educational materials on do's and donts. An A. Cuthbertson email indicated the Township does not include recycling data in monthly metrics but we can get trash tonnage from her and recycling tonnage from G. Cuggini.

ACTION: G. Hart will discuss with Commissioners having the Twp. send a recycling package with Commissioner cover letter to new move ins and a separate pickup of cardboard, possibly by vendor. J. Knox will follow-up with Republic Services to get the “dirty” recycling surcharge & guidelines and to invite them to Haverford Township Day. V. Barsky will pursue compost workshops with area non-profits that have done them before and prepare a 1 pager for possible Twp newsletter and posting on-line.

Tabled Topics: DelCo suggestion - outreach to “clean up” the recycling stream and ask for a recycler audit to adjust pricing. Mr. Gove on the 2017 commercial/apartment recycling figures. No updates: from Commissioners Holmes on proposed revised composting ordinance; from A. Dizel and J. Knox on updating the 2013 “How to Recycle Everything Else”; from V. Barsky on finalizing the recycling presentation for the Board (previously requested by Commissioner Holmes) or a composting poster.

Storm Water & Rain Garden Subcommittee (DL, PSP, HE, DH, DS, NS)

Planters for businesses going slow, need volunteers. Fall residential garden assessments in progress.

Upcoming Events

EAC Summit Oct 17th, 2018 6-9 pm. **ACTION:** T. Watkins to work with CREC and DCVA to reprise our annual interactive EAC information exchange format event.

2018 Haverford Township Day, Oct 6, 2018. Septa is on hold due to a possible city event; J. Knox to follow up with Republic - **ACTION:** J. Knox to continue invitations and track attendees.

2019 Earth Day ACTION: Aurora to evaluate doing it “built into” the HPED Home Show or at least determine the date not to conflict with it and reserve the CREC (poss. April 27, 2019).

Social Media

EAC Website <http://www.haverfordtownship.org/departments/board.php?structureid=53> No update

Social Media. “Friends of Haverford Township EAC”. <https://www.facebook.com/FriendsofHaverfordEAC/>

ACTION: Continue to grow Facebook followers and engage community on key initiatives, e.g. recycling best practices, rain garden outreach, buying clean electricity etc.

Contributions to Township and Recreation Newsletters.

Sheba Simms is now responsible for both. **ACTION:** Get outreach on recycling as well as prior topic input to A. Dizel for next one due 10/18. (deadlines 4/18, 8/17/18, 10/18, 1/19, 4/19). Recreation Department’s HavaGood Times is due 9/18 (12/18, 3/19, 6/19).

EAC Annual Report:

2014 done; **ACTION:** Dave Schwartz issued 2015/16 for review; all to review w/in 2 weeks, then we will publish briefer annual reports for 2015/2016/2017. EAC will not present on annual report to BOC in favor of topical presentations as needed.

Superfund Site

PS Puglionesi forwarded DMRs from K. Kelly. No issues.

New Business

Discussed material provided by a resident of the 1st Ward to T. Watkins on “Zero5G.com” and “zerogeoengineering.com (article on the risks of wifi / cellular radiation, other material on “geoengineering” affecting weather. EAC concluded this was beyond EAC’s scope.

Next Meeting

7:30 pm; 1st Tuesday of Month except 1/9, 7/10, 9/5/18.

EAC AGENDA

Haverford Twp EAC – Tuesday, Oct. 2, 2018 at 7:30 pm, Township Bldg.

EAC Members 2017-2018: Terry Watkins - (1 - D'Emilio) – David Schwartz (2 - Oliva) – Katie Thompson – (3 - McClusky) – Aurora Dizel (4 - Siegel) – Victor Barsky (5 - Lewis) – Rob Graff (6 - Holmes) – Henry Eichman (7 - McGarrity) – Peter Puglionesi (8 - Hart) – Patty Loomer (9 - Wechsler) – EAC Appointees - Dave Hartke, James Knox, Andrew Seaman; Commissioner Gerry Hart; Peter Hickman - Township Liaison.

1. Meeting Minutes

- a. **Approval of Prior Month Meeting Minutes** (by P. Puglionesi)
- b. **Volunteer to Prepare Tonight's Minutes**

2. Climate Action Subcommittee. SC, AD, JK, MR to report:

Workshop presentation on new BoC Climate Action resolution on new climate goals, Sustainable PA Certification and endorsements (e.g., new HB/SB; 50% by 2025; CCL “Carbon Fee” Resolution or joining Paris Accord or “Ready for 100” commitments).

November 4 Climate Action Expo and Workshop at Haverford College planning.

- 3. Recycling and Composting:** Township implementation of new resident recycling envelop package (G. Hart). R. Graff/J. Knox on guidance/outreach materials from Republic for cleaning the recycling stream. 1 page on Recycling (D. Schwartz) and Composting (V. Barsky) for Twp Newsletter. Tabled - Apartment recycling progress.
- 4. Storm Water & Rain Garden Subcommittee:** DL, PSP, HE, DH, DS, NS to report on progress, tabled items:
 - Rain Garden Tour. Volunteers needed.
 - Business Sponsorship/Non-Profit Partnership. Volunteer needed.
 - NFWF and Other Grants. DCVA Darby Median Rain Gardens – Bailey complete. Progress on 2nd alternative location – Llanerch Ave.
 - 100 Rain Gardens Initiative. Status/activities, corporate sponsorship/offers to date, plans.
 - Advice on Updates to Twp. Subdivision Design Standards. Report on any progress.
- 5. EAC Summit (Wed., Oct. 17, 2018-6:30-9:00).** T. Watkins update on planning.
- 6. Haverford Township Day (1st Saturday in October).** J. Knox update on planning (by phone).
- 7. Earth Day Event (Sat. April 21, 2018).** A. Dizel update on date selection/HPED coordination.
- 8. Contributions to Township and Recreation Newsletters.** Progress on Township Newsletter (1/18, 4/18, 7/18, 10/18). Recreation Department's HavaGood Times (3/18, 6/18, 9/18, 12/18).
- 9. EAC Website:** A. Dizel on web page updates.
- 10. Preparation of the 2014/2015 EAC Annual Report:** 2014 done, status of 2015-17 (Schwartz).
- 11. Superfund Site:** New reports, if any.
- 12. New Business**



HAVERFORD TOWNSHIP ENVIRONMENTAL ADVISORY COMMITTEE MINUTES- OCTOBER 2, 2018



In Attendance

EAC Members 2017-2018: Terry Watkins (1 - D'Emilio) – David Schwartz (2 - Oliva) – Katie Thompson – (3 - McClusky) – Aurora Dizel (4 - Siegel) – Victor Barsky (5 - Lewis) – Rob Graff (6 - Holmes) – Henry Eichman (7 - McGarrity) – Peter Puglionesi (8 - Hart); **EAC Appointees:** James Knox, Dave Hartke
Township Liaison - Peter Hickman; **Visitors/Volunteers:** Steve Clark, Melissa Romano, Jesse Hart.

Approval of Minutes

Prior Meeting Minutes Approval (by P. Puglionesi): Motion: V. Barsky; 2nd H. Eichman, Unanimous.
Volunteer to Prepare Tonight's Minutes: P. Puglionesi.

Climate Action Subcommittee (S. Clark, R. Graff, A. Dizel, J. Knox, M. Romano)

Climate Action Event Sunday, Nov 4th at Haverford College: The College providing venues and light refreshments, EAC is arranging 2 tracks of presentations, and Penn Environment is recruiting for tables.

ACTION P. Puglionesi to get the event page URL, update and print fliers for Haverford Township Day. P. Puglionesi to approach Lower Merion EAC to co-sponsor and present at Township session.

Climate Action Resolution/Plan Update: EAC presented on the proposed new Climate Action Resolution on 10/1 and fielded comments. Based on Commissioner Siegel's recommendation, it will be split into 2 resolutions.

ACTION Attend the next Commissioners meeting to answer any remaining questions. PA / EPA Green Ribbon Schools program to be provided by P. Puglionesi (and by S. Clark to the SDHT).

Quarterly Climate Meeting: The next quarterly meeting is scheduled for November 9, pushed back due to budgeting. Attendees will be Comm. Hart, L. Gentile, R. Dougherty and T. Denny, and members of the EAC Climate Committee. EAC also requested that the Township form a team to work on the Sustainable PA certification from the PA Municipal League. S. Clark reported that higher than expected energy usage for the new Twp. bldg. has continued even after the boilers not turned off at the end of the heating system were shut down. The Twp. is open to getting Sustainable PA certification to support grant applications and get credit for its work on Climate. T. Denny recounted how the 2009 Climate resolution was effective in getting grants and all present were receptive to a follow-up Climate Action resolution setting new goals and potentially endorsing Ready for 100, proposed PA legislation to achieve 100% renewable energy by 2050 and other initiatives. Meetings to begin the Sustainable PA process will be scheduled for October (& quarterly thereafter).

ACTION S. Clark to demonstrate the PECO real-time data access for A. Cuthbertson and the 2 carpenters assigned to maintain the Twp. Building management system. Follow-up with Skatium Staff on Ice Rink Energy Checklist. S. Clark/ P. Puglionesi to schedule Sustainable PA meeting. S. Clark to meet with A. Cuthbertson to discuss PECO LED lighting rebates.

Recycling and Composting:

D. Schwartz will send recycling bin winner list to the Township who will deliver. He completed the recycling 1 pager newsletter but it was submitted late so it will go into the next edition. V. Barsky is coordinating a future workshop with Pennsylvania Resources Council (PRC) who has put on Composting workshops in the past where the fee would include a composter. V. Barsky will price above ground units that the Township might sell without risk of attracting vermin. J. Knox tried but Republic has been non-responsive on possible separate pickup of cardboard and educational materials. Republic has a good web and facebook page but not do's and don't's answers.

ACTION: G. Hart will discuss with Commissioners having the Twp. send a recycling package with Commissioner cover letter to new move ins and a separate pickup of cardboard, possibly by vendor. J. Knox will follow-up with Republic Services to get the "dirty" recycling surcharge & guidelines. V. Barsky will pursue compost workshops with area non-profits that have done them before and prepare a 1 pager for possible Twp newsletter and posting on-line. A. Schwartz will get periodic updates on trash tonnage from A. Cuthbertson and recycling tonnage from G. Cuggini for newsletter updates.

Tabled Topics: DelCo suggestion - outreach to "clean up" the recycling stream and ask for a recycler audit to adjust pricing. Mr. Gove on the 2017 commercial/apartment recycling figures. No updates: from Commissioners Holmes on proposed revised composting ordinance; from A. Dizel and J. Knox on updating the 2013 "How to Recycle Everything Else"; from V. Barsky on finalizing the recycling presentation for the Board (previously requested by Commissioner Holmes) or a composting poster.

Storm Water & Rain Garden Subcommittee (DL, PSP, HE, DH, DS, NS)

Planters for businesses going slow, need volunteers. Fall residential garden assessments in progress.

Upcoming Events

EAC Summit Oct 17th, 2018 6-9 pm. **ACTION:** T. Watkins to work with CREC and DCVA to reprise our annual interactive EAC information exchange format event.

2018 Haverford Township Day, Oct 6, 2018. **ACTION:** J. Knox to continue invitations and track attendees. Victor will work on vehicles/dealers and parade organizing; we are expecting Armen Chevrolet and Havertown Bikes; the Township will show its 2 new Propane fueled trucks and several private vehicles are expected. Volunteering was discussed and James will firm this up.

2019 Earth Day **ACTION:** Aurora to reserve CREC (April 27, 2019). J Hart to contact paper shredder.

Social Media

EAC Website <http://www.haverfordtownship.org/departments/board.php?structureid=53> No update

Social Media. "Friends of Haverford Township EAC". <https://www.facebook.com/FriendsofHaverfordEAC/>

ACTION: Continue to grow Facebook followers and engage community on key initiatives, e.g. recycling best practices, rain garden outreach, buying clean electricity etc.

Contributions to Township and Recreation Newsletters.

Sheba Simms is now responsible for both. **ACTION:** Get outreach on recycling as well as prior topic input to A. Dizel for next one due 10/18. (deadlines 4/18, 8/17/18, 10/18, 1/19, 4/19). Recreation Department's HavaGood Times is due 9/18 (12/18, 3/19, 6/19).

EAC Annual Report:

2014 done; **ACTION:** Dave Schwartz issued 2015/16 for review; all to review w/in 2 weeks, then we will publish briefer annual reports for 2015/2016/2017. EAC will not present on annual report to BOC in favor of topical presentations as needed.

Superfund Site

PS Puglionesi forwarded DMRs from K. Kelly. No issues.

New Business

None.

Next Meeting

7:30 pm; 1st Tuesday of Month except 1/9, 7/10, 9/5/18, Monday Nov 5 (Election day).

EAC AGENDA

Haverford Twp EAC – Monday, Nov. 5, 2018 at 7:30 pm, Township Bldg.

EAC Members 2017-2018: Terry Watkins - (1 - D'Emilio) – David Schwartz (2 - Oliva) – Katie Thompson – (3 - McClusky) – Aurora Dizel (4 - Siegel) – Victor Barsky (5 - Lewis) – Rob Graff (6 - Holmes) – Henry Eichman (7 - McGarrity) – Peter Puglionesi (8 - Hart) – Patty Loomer (9 - Wechsler) – EAC Appointees - Dave Hartke, James Knox, Andrew Seaman; Commissioner Gerry Hart; Peter Hickman - Township Liaison.

1. Meeting Minutes

- a. **Approval of Prior Month Meeting Minutes** (by P. Puglionesi)
- b. **Volunteer to Prepare Tonight's Minutes**

2. Climate Action Subcommittee. SC, AD, JK, MR to report:

Recap and follow up on Nov. 4 Climate Action Expo and Workshop at Haverford College.
Input to BoC on 2019 budget for Climate Action resolution and other environmental needs.
Upcoming Climate/Sustainable PA Certification quarterly progress meeting w/Twp & G. Hart.

3. Recycling and Composting: Township implementation of new resident recycling envelop package (G. Hart). R. Graff/J. Knox on guidance/outreach materials from Republic for cleaning the recycling stream. 1 page on Recycling (D. Schwartz) and Composting (V. Barsky) for Twp Newsletter. Tabled - Apartment recycling progress.

4. Storm Water & Rain Garden Subcommittee: DL, PSP, HE, DH, DS, NS to report on progress, tabled items:

Rain Garden Tour. Volunteers needed.

Business Sponsorship/Non-Profit Partnership. Volunteer needed.

NFWF and Other Grants. DCVA Darby Median Rain Gardens – Bailey complete. Progress on 2nd alternative location – Llanerch Ave.

100 Rain Gardens Initiative. Status/activities, corporate sponsorship/offers to date, plans.

Advice on Updates to Twp. Subdivision Design Standards. Report on any progress.

5. EAC Summit (Wed., Oct. 17, 2018-6:30-9:00). Recap and future plans. Follow up

6. Haverford Township Day (1st Saturday in October). Recap and suggestions for 2019.

7. Earth Day Event (Sat. April 27, 2019). Confirm CREC reserved for April 27, 2019.

8. Contributions to Township and Recreation Newsletters. Progress on Township Newsletter (1/18, 4/18, 7/18, 10/18). **Recreation Department's HavaGood Times** (3/18, 6/18, 9/18, **12/18**).

9. EAC Website: A. Dizel on web page updates.

10. Preparation of the 2014/2015 EAC Annual Report: 2014 done, status of 2015-17 (Schwartz).

11. Superfund Site: New reports, if any.

12. New Business



HAVERFORD TOWNSHIP ENVIRONMENTAL ADVISORY COMMITTEE MINUTES- NOVEMBER 5, 2018



In Attendance

EAC Members 2017-2018: [No Quorum due to rescheduled] Victor Barsky (5 - Lewis) – Henry Eichman (7 - McGarrity) – Peter Puglionesi (8 - Hart); **EAC Appointees:** James Knox; **Visitors/Volunteers:** Steve Clark, Matt Gallagher.

Approval of Minutes

Prior Meeting Minutes Approval (by P. Puglionesi): **Vote Next Month due to no quorum.**
Volunteer to Prepare Tonight's Minutes: P. Puglionesi.

Climate Action Subcommittee (S. Clark, R. Graff, A. Dizel, J. Knox, M. Romano)

Climate Action Event Sunday, Nov 4th at Haverford College: The event went well and was well attended. The College will provide EAC with access to the presentation videos for posting.

ACTION P. Puglionesi to get pdfs of the presentations and edit the videos to be ready to play on Cable and post on YouTube.

Climate Action Resolution/Plan Update: The resolutions passed on 10/8. S. Clark indicated that a large "PECO Smart" check will be presented at the Dec. 10 Board of Commissioners (BoC) meeting.

ACTION P. Puglionesi to provide climate budget recommendations to BoC. S. Clark/M. Romano to work on Twp Charging Station scope/grant. S. Clark to meet with Skatium Staff on Ice Rink Energy Checklist. S. Clark to demonstrate the PECO real-time data access for A. Cuthbertson, the 2 carpenters assigned to maintain the Twp. Building management system and any others the Twp wants to train. S. Clark/ P. Puglionesi to schedule Sustainable PA meeting. S. Clark to meet with A. Cuthbertson to discuss PECO LED lighting rebates.

Quarterly Climate Meeting: - The next quarterly meeting is scheduled for November 9. Attendees will be Comm. Hart, L. Gentile, R. Dougherty and T. Denny, and members of the EAC Climate Committee. EAC will request that the Township form a team to work on the Sustainable PA certification from the PA Municipal League (e.g., to include A. Cuthbertson, A. Rothman).

ACTION P. Puglionesi to schedule 1Q19 meeting.

Skatium, Township Building, CREC: S. Clark reported that higher than expected energy usage for the new Twp. bldg. has continued even after the boilers not turned off at the end of the heating system were shut down. CREC is unhappy with Trane, the mechanical contractor for CREC. The LED and Controls improvements will be projects and then rebates are available from PECO Smart improvements are proven.

ACTION Resolve how the Township will more effectively manage building energy consumption – projects vs. training staff on proper energy management vs. integrating energy performance clauses into HVAC Operation and Maintenance contracts or all of the above.

Recycling and Composting:

D. Schwartz sent recycling bin winner list to the Township who will deliver.

ACTION: G. Hart will discuss with Commissioners having the Twp. send a recycling package with Commissioner cover letter to new move ins and a separate pickup of cardboard, possibly by vendor. J. Knox will follow-up with Republic Services to get the "dirty" recycling surcharge & guidelines. V. Barsky will pursue compost workshops with area non-profits that have done them before. V. Barsky will

price above ground units that the Township might sell without risk of attracting vermin. A. Schwartz will get periodic updates on trash tonnage from A. Cuthbertson and recycling tonnage from G. Cuggini for newsletter updates.

Tabled Topics: DelCo suggestion - outreach to "clean up" the recycling stream and ask for a recycler audit to adjust pricing. Mr. Gove on the 2017 commercial/apartment recycling figures. No updates: from Commissioners Holmes on proposed revised composting ordinance; from A. Dizel and J. Knox on updating the 2013 "How to Recycle Everything Else"; from V. Barsky on finalizing the recycling presentation for the Board (previously requested by Commissioner Holmes) or a composting poster.

Storm Water & Rain Garden Subcommittee (DL, PSP, HE, DH, DS, NS)

Planters for businesses going slow, need volunteers. Fall residential gardens complete and Llanerch Avenue rain garden construction is in progress.

Upcoming Events

EAC Coordination / Summit Oct 17th, 2018 6-9 pm. The annual event was a success. S. Clark proposed setting up an EAC Google Drive to share resources with local EACs. P. Puglionesi attended the Lower Merion EAC meeting and coordinated with them on the Climate Action Expo. Lower Merion Planning Department staff attends their EAC meeting and brings information on proposed developments for EAC input. Their Commissioner representative attends and is active in committee affairs. **ACTION:** T. Watkins to get a date from CREC and DCVA for next year's EAC Summit event. S. Clark to set up EAC Google Drive with document resources for regional EACs.

2018 Haverford Township Day, Oct 6, 2018. The event was a success. Topic tabled until next spring.

2019 Earth Day ACTION: Aurora to reserve CREC (April 27, 2019). J Hart to contact paper shredder.

Social Media

EAC Website <http://www.haverfordtownship.org/departments/board.php?structureid=53> No update

Social Media. "Friends of Haverford Township EAC". <https://www.facebook.com/FriendsofHaverfordEAC/>

ACTION: Continue to grow Facebook followers and engage community on key initiatives, e.g. recycling best practices, rain garden outreach, buying clean electricity etc.

Contributions to Township and Recreation Newsletters.

Sheba Simms is now responsible for both. **ACTION:** Get outreach on recycling as well as prior topic input to A. Dizel for next one due 1/19. (deadlines 4/19, 7/19, 10/19). Recreation Department's HavaGood Times is due 12/18 (3/19, 6/19, 9/19).

EAC Annual Report:

2014 done; **ACTION:** Dave Schwartz issued 2015/16 for review; all to review w/in 2 weeks, then we will publish briefer annual reports for 2015/2016/2017. EAC will not present on annual report to BOC in favor of topical presentations as needed.

Superfund Site

PS Puglionesi forwarded DMRs from K. Kelly. No issues.

New Business

None.

Next Meeting

7:30 pm; 1st Tuesday of Month except 1/15 (1 week back), 9/4, 11/6, (Wednesdays).

EAC AGENDA

Haverford Twp EAC – Tuesday, Dec. 4, 2018 at 7:30 pm, Township Bldg.

EAC Members 2017-2018: Terry Watkins - (1 - D'Emilio) – David Schwartz (2 - Oliva) – Katie Thompson – (3 - McClusky) – Aurora Dizel (4 - Siegel) – Victor Barsky (5 - Lewis) – Rob Graff (6 - Holmes) – Henry Eichman (7 - McGarrity) – Peter Puglionesi (8 - Hart) – Patty Loomer (9 - Wechsler) – EAC Appointees - Dave Hartke, James Knox, Andrew Seaman; Commissioner Gerry Hart; Peter Hickman - Township Liaison.

1. Meeting Minutes

- a. **Approval of Prior 2 Months Meeting Minutes** (by P. Puglionesi)
- b. **Volunteer to Prepare Tonight's Minutes**
- c. **Next year's Schedule:** 1st Tues. except 1/15, 9/4, 11/6, (Wednesdays).

2. Climate Action Subcommittee. SC, AD, JK, MR to report:

Follow up on Nov. 4 Climate Action Expo and Nov. 9 Quarterly Climate meeting.

Recap and follow up on Nov. 9 Climate/Sustainable PA Certification quarterly progress meeting w/Twp & G. Hart.

Recap on 2019 budget for Climate Action resolution and other environmental needs.

Progress/future actions on Climate.

3. Recycling and Composting: Township implementation of new resident recycling envelop package (G. Hart). R. Graff/J. Knox on guidance/outreach materials from Republic for cleaning the recycling stream. 1 page on Recycling (D. Schwartz) and Composting (V. Barsky) for Twp Newsletter. Tabled - Apartment recycling progress.

4. Storm Water & Rain Garden Subcommittee: DL, PSP, HE, DH, DS, NS to report on progress, tabled items:

Rain Garden Tour. Volunteers needed.

Business Sponsorship/Non-Profit Partnership. Volunteer needed.

NFWF and Other Grants. DCVA Darby Median Rain Gardens – Bailey and Llanerch Ave. are now complete. Project will be closed out. Discuss future grants.

100 Rain Gardens Initiative. Status/activities, corporate sponsorship/offers to date, plans.

Advice on Updates to Twp. Subdivision Design Standards. No progress, **need a volunteer.**

5. EAC Coordination/Summit (Wed., Oct. 17, 2018-6:30-9:00). Select date for 2019. Use of G-Drive.

6. Haverford Township Day (1st Saturday in October). Recap and suggestions for 2019.

7. Earth Day Event (Sat. April 27, 2019). Confirm CREC reserved for April 27, 2019.

8. Contributions to Township and Recreation Newsletters. Progress on Township Newsletter (1/19, 4/19, 7/19, 10/19). **Recreation Department's HavaGood Times** (3/19, 6/19, 9/19, **12/18**).

9. EAC Website: A. Dizel on web page updates.

10. Preparation of the 2014/2015 EAC Annual Report: 2014 done, status of 2015-17 (Schwartz).

11. Superfund Site: New reports, if any.

12. New Business



HAVERFORD TOWNSHIP ENVIRONMENTAL ADVISORY COMMITTEE MINUTES - DECEMBER 4, 2018



In Attendance

EAC Members 2017-2018: Terry Watkins (1 - D'Emilio) – David Schwartz (2 - Oliva) – Katie Thompson – (3 - McClusky) – Aurora Dizel (4 - Siegel) – Victor Barsky (5 - Lewis) – Henry Eichman (7 - McGarrity) – Peter Puglionesi (8 - Hart); **Visitors/Volunteers:** Steve Clark, Ryan Scanlon; Derron LaBrake.

Approval of Minutes

Prior Meeting Minutes Approval (by P. Puglionesi): [Covering last 2 meetings' minutes due to no quorum in November meeting.](#) Motion H. Eichman, Second K. Thompson, Vote Unanimous.

Volunteer to Prepare Tonight's Minutes: P. Puglionesi.

Climate Action Subcommittee (S. Clark, R. Graff, A. Dizel, J. Knox, M. Romano)

Climate Action Expo Videos: P. Puglionesi completed editing the videos provided by Haverford College (1 of the 2 locations was not set up to record both the speaker and the presentation and extensive work was required to edit in the presentation slides). The files were turned over to Allie Rothman for posting on the web and YouTube.

ACTION Allie Rothman to post presentation pdf and video links to YouTube on the web and set up the videos to play on Cable and on YouTube (completed after the meeting on 12/7/18, although the video was considered too long to run on cable).

Climate Action Resolution/Plan Update: The resolutions passed on 10/8/18. Aimee Cuthbert will work with M. Clark to initiate the Township's Sustainable PA Certification. S. Clark indicated that a large "PECO Smart" check will be presented at the Dec. 10 Board of Commissioners (BoC) meeting. S. Clark is planning to meet with SDHT to discuss Green Ribbon Schools, Carbon Free power and will suggest that a company (Tangent) look at HMS and HHS to evaluate selling a service package for peak shaving, managing HVAC, etc. We are not sure that an energy conservation study for the Skatium is in the Township budget. S. Clark will also discuss EV charging stations, grant availability, what they are doing for O&M and the potential for pooling resources for a higher level contract (e.g., use of an "ESCO"). The library will show the "Catching the Sun" video January 22 at library; P. Puglionesi reviewed discussions with the Haverford Township Civic Council (HTCC) on "Solarize" and climate initiatives that can be co-sponsored by HTCC (or HPED).

ACTION S. Clark/M. Romano to work on Twp Charging Station scope/grant. S. Clark to continue to work with Skatium Staff on Ice Rink energy conservation. S. Clark to demonstrate the PECO real-time data access for A. Cuthbertson, the 2 carpenters assigned to maintain the Twp. Building management system and any others the Twp wants to train.

Quarterly Climate Meeting: The next quarterly meeting needs to be scheduled about 3 months after the prior (November 9) meeting. Attendees will be Comm. Hart, L. Gentile, R. Dougherty, A. Cuthbert, T. Denny, and members of the EAC Climate Committee.

ACTION G. Hart to schedule the next Township/EAC Quarterly Climate Plan meeting.

Skatium, Township Building, CREC: S. Clark reported that higher than expected energy usage for the new Twp. bldg. has continued. CREC is unhappy with Trane, the mechanical contractor for CREC. Discussed integrating energy efficiency into future contracts for CREC, Township Buildings, etc.

ACTION Resolve how the Township will more effectively manage building energy consumption – projects vs. training staff on proper energy management vs. integrating energy performance clauses into HVAC Operation and Maintenance contracts or all of the above.

Recycling and Composting:

The Township delivered recycling bins to the survey contest winners. Aurora discussed My Kitchen Harvest (www.mykitchenharvest.com) which her children's preschool uses to collect food waste and compost it at Linvilla Farm. EAC agreed to discuss potential collaboration with the Township for a pilot or Township-wide program. It is a small operation, so a large program might require Public Works to collect and deliver to Linvilla.

ACTION: G. Hart will discuss with Commissioners having the Twp. send a recycling package with Commissioner cover letter to new move ins and a separate pickup of cardboard, possibly by vendor. J. Knox will follow-up with Republic Services to get the "dirty" recycling surcharge & guidelines. V. Barsky will pursue a meeting with My Kitchen Harvest and compost workshops with area non-profits that have done them before. V. Barsky will price above ground units that the Township might sell without risk of attracting vermin. A. Schwartz will get periodic updates on trash tonnage from A. Cuthbertson and recycling tonnage from G. Cuggini for newsletter updates.

Tabled Topics: DelCo suggestion - outreach to "clean up" the recycling stream and ask for a recycler audit to adjust pricing. Mr. Gove on the 2017 commercial/apartment recycling figures. No updates: from Commissioners Holmes on proposed revised composting ordinance; from A. Dizel and J. Knox on updating the 2013 "How to Recycle Everything Else"; from V. Barsky on finalizing the recycling presentation for the Board (previously requested by Commissioner Holmes) or a composting poster.

Storm Water & Rain Garden Subcommittee (DL, PSP, HE, DH, DS, NS)

Planters for businesses going slow, need volunteers. Llanerch Avenue rain garden construction is complete. D. Schwartz and D. LaBrake proposed revising ordinance to ban new curb pipes and pipes within x ft of sidewalk. Also need to develop a Township Development Specification modification to allow permeable paving.

Upcoming Events

EAC Coordination / Summit Oct 17th, 2018 6-9 pm. **ACTION:** T. Watkins to get a date from CREC and DCVA for next year's EAC Summit event. S. Clark to set up EAC Google Drive with document resources for regional EACs.

2018 Haverford Township Day, Oct 6, 2018. The event was a success. Topic tabled until next spring.

2019 Earth Day ACTION: Aurora to reserve CREC (April 27, 2019). J Hart to contact paper shredder.

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Social Media. "Friends of Haverford Township EAC". <https://www.facebook.com/FriendsofHaverfordEAC/>

ACTION: Continue to grow Facebook followers and engage community on key initiatives, e.g. recycling best practices, rain garden outreach, buying clean electricity etc.

Contributions to Township and Recreation Newsletters.

Sheba Simms is now responsible for both. **ACTION:** Get topic input to A. Dizel for next one due 1/19. (deadlines 4/19, 7/19, 10/19). Recreation Department's HavaGood Times is due 12/18 (3/19, 6/19, 9/19).

EAC Annual Report:

2014 done; **ACTION:** Dave Schwartz issued 2015/16 for review; all to review w/in 2 weeks, then we will publish briefer annual reports for 2015/2016/2017. EAC will not present on annual report to BOC in favor of topical presentations as needed.

Superfund Site

PS Puglionesi forwarded DMRs from K. Kelly. No issues.

New Business

None.

Next Meeting

7:30 pm; 1st Tuesday of Month except 1/15 (1 week back), 9/4, 11/6, (Wednesdays).