

Environmental Advisory Council

April 11, 2023– 7:00 PM

Hybrid Meeting

MINUTES

The following persons were in attendance: Eric Allen (Chair), Christy Cheever (Vice Chair), Phil Getty, Shannon Pendleton, Tim Marsh, Barry Fetterolf, Hope Blaythorne, Scott Blank, Jeanne Litwin, Louise Levy, Kate Robeson-Grubb, John Francis and Debra McFadden (Administrator).

Absent: C. L. Lindsay III and Robert McEwan (Board Liaison).

I. Call to Order

a. Eric Allen called the meeting to order at 7:07 PM.

II. Approval of the March 14, 2023 Meeting Minutes

MOTION: Upon a motion by Eric Allen and seconded by Tim Marsh, it was unanimously agreed to approve the March 14, 2023 minutes with addition.

III. Announcements

No Announcements.

IV. New Business

No New Business.

V. Discussion Items

a. Earth Day Planning

i. Ms. Blaythorne led the discussion on planning the Earth Day Event. There was much discussion on the event.

b. Wild Area Stewardship / Tree City / Birdtown

i. Mr. Getty reported that the Solebury Watersheds will meet on May 6, 2023 at Bucks County Audubon Society to see how they can support each other.

ii. Ms. Blaythorne reported that the Tree City Assets are here and requested that a designated member of township staff be assigned to assist with the Tree City application process.

iii. Ms. Blaythorne mentioned an Eagle Scout project and asked the Council for ideas.

- iv. Ms. Blaythorne reported that the Celebration Tree Program will start at Aquetong Spring Park. Mr. Getty provided information to the Board of Supervisors for the Celebration Tree Program. He reported that David Benner’s memorial tree will be planted at Aquetong Spring Park.
 - v. Ms. Blaythorne reminded everyone of the Raptor Event on April 22, 2023 at 10 am being held at the New Hope Solebury Library.
 - vi. Ms. Blaythorne will be shadowing the 2nd annual Greater Philadelphia Birdathon Fund Raiser that will take place from 5 pm on May 5th to 5 pm on May 6th. She will also be attending a Penn State virtual class, “Introduction to Birdwatching”. Ms. Blaythorne contacted the Wild Lawn Promotion by DCNR.
- c. Deer Management
- i. Eric Allen gave a brief update on the program and reported that the drone survey was late due to the weather so the results will be in late April.
- d. Sustainability
- i. Shannon Pendleton shared a two (2) page banner of the on-line version of an infographic of the Solebury Energy Transition Plan.
 - ii. Ms. Pendleton is drafting a sample Request for Proposal and scope of services for the future Sustainability Consultant to help the Sustainability Sub Committee and the Environmental Advisory Council implement the Energy Transition Plan.
 - iii. Ms. Pendleton asked John Francis for clarity on the Sustainability Sub Committee.
 - iv. Ms. Pendleton is exploring the Massachusetts’s Stretch Code Ordances.
- e. Social Media
- MOTION: Upon a motion by Tim Marsh and seconded by Eric Allen, it was unanimously agreed for the removal of the bottom two (2) paragraphs on the Sustainability landing page of the Solebury Township website.**
- i. Tim Marsh and Shannon Pendleton to review website.
- f. Recycling & Trash
- i. Ms. Cheever to draft a letter for review by the Township Manager and the Board of Supervisors for the amendment to the Plastic Bag Ban Ordinance

and will look into a reminder letter for businesses now that the grace period has expired.

- i. Mr. Blank presented a Municipal Waste Collection Power Point Presentation (copy of which is attached). Highlights of the Presentation included: Solebury Township Energy Transition Plan, Methodologies for Municipalities to Collect Residential Trash and Recycling, Graphic Depiction of Bucks County Municipal Waste Collection Methodology (2015), Bucks County Basic Facts, Solebury Comparison, Solebury Comparison by Density, Trash & Recycling Data, Solebury Recycling Trash Haulers/Generators 2022, Solebury 2020 Recycling, Solebury Recycling, Solebury 2022 Recycling and Discussion Topics.

MOTION: Upon a motion by Phil Getty and seconded by Eric Allen, it was unanimously agreed to discuss trash options with Township Administration.

g. Miscellaneous Subjects

- i. Ms. Pendleton and Mr. Marsh to discuss with Kate Robeson-Grubb a calendar of Environmental Advisory Council partner events on the website.
- ii. Mr. Getty reported that Nockamixon Hydro Ordinance is under review .
- iii. Mr. Getty asked the Council for future discussion on Ordinance Enforcement.
- iv. Mr. Getty said that the National Park Service is looking into the flooding issues for the Paunacussing Watershed Association and a report will follow in September.

VI. Public Comment

A resident of Peddler's View spoke about the negative effects of leaf blowers.

VII. Adjournment

Eric Allen adjourned the meeting at 8:53 PM.

Respectively submitted,

Debra McFadden

Municipality Waste Collection Presentation

April 11, 2023



Environmental Advisory Council

Solebury Township

Solebury Township Energy Transition Plan

Section 7.2.5.1 Strategy #1: Reduce energy consumption through energy efficiency and conservation

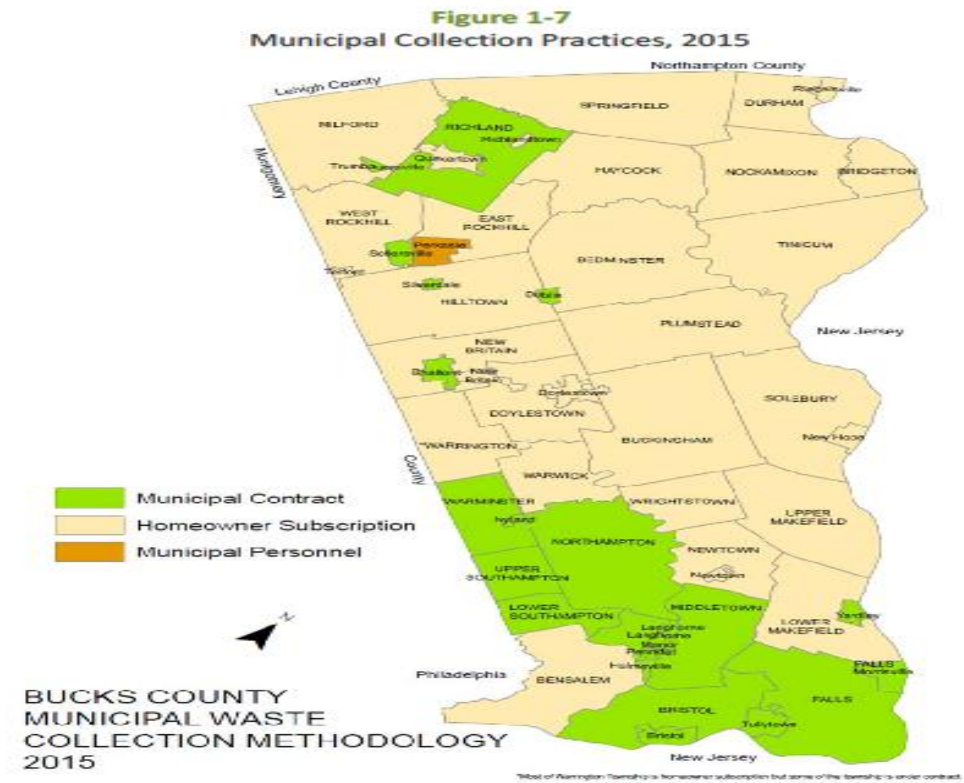
Proposed Action	Follow-on Issues	How it fits and influences the big picture
<p>Consider development of a plan to increase to overall efficiency trash and recyclables collection within the Township.</p>	<p>Work with trash collectors & HOAs to reduce the number of collection trips and hasten the transition to electric or hydrogen trash trucks. Explore the possibility of negotiating a township-wide trash collector to reduce trip redundancy.</p>	<p>Fewer trash trucks, collecting once/week and servicing all residences, would mean far less fossil fuel used – and less exhaust pollution.</p>

Methodologies for Municipalities to Collect Residential Trash and Recycling

- **Open Market Residential**
 - Homeowners subscribe to licensed haulers directly (Solebury does this)
- **By Contract**
 - A municipality contracts with a private hauler or haulers for collection of residential refuse
- **Municipality**
 - Municipal collection with municipal staff and equipment owned by the municipality
- **Host Community Agreement**
 - Generally, a municipality has given permission for a third party to construct and operate a solid waste disposal facility in the community. The municipality as the host can receive some form of host community compensation or fees (for example, Falls Township in Bucks County receives as compensation waste disposal tonnage fees and residents receive refuse removal and recycling pick up at no charge)

Graphic Depiction of Bucks County Municipal Waste Collection Methodology (2015)

Section 1



Bucks County Basic Facts

- 54 municipalities
 - Total population of 646,538
 - Total population excluding Solebury – 637,829
- Residential Collection System
 - Open Market Residential
 - 30 (including Solebury Township)
 - 50.3% of total Bucks County population
 - By Contract
 - 22
 - 42.9% of total Bucks County population
 - Municipality
 - 1 (Perkasie)
 - 1.4% of total Bucks County population
 - Host Community Agreement
 - 1 (Falls Township) (Falls Township receives as compensation waste disposal tonnage fees and residents receive refuse removal and recycling pick up at no charge)
 - 5.4% of total Bucks County population

Solebury Comparisons

- Solebury
 - Population – 8,709
 - 26.6 square miles
 - Average density – 327/square mile
 - Total Housing Units – 3,747 (2020 census)
- Residential Collection System
 - Open Market Residential (29 excluding Solebury) (total population excluding Solebury – 316,266) (average density - 1,370/square mile)
 - Population less than Solebury – 17 (18.8% of open market residential population, excluding Solebury)
 - Average density of segment – 1,407/square mile
 - Population greater than Solebury – 12 (81.2% of open market residential population, excluding Solebury)
 - Average density of segment – 1,204/square mile
 - By Contract (22) (total population 277,767) (average density – 3,140/square mile)
 - Population less than Solebury – 12 (9.1% of by contract population)
 - Average density of segment – 3,002/square mile
 - Population greater than Solebury – 10 (90.9% of by contract population)
 - Average density of segment – 3,304/square mile
 - Municipality
 - 1 (Perkasie) (2.5 square miles)
 - 9,120 population
 - Average density – 3,648/square mile
 - Host Community Agreement
 - 1 (Falls Township) (21.3 square miles)
 - 34,716 population
 - Average density – 1,630/square mile

Solebury Comparisons by Density

- Solebury
 - Population – 8,709
 - 26.6 square miles
 - Average density – 327/square mile
- Number of Bucks County Municipalities (excluding Solebury) - 53
 - Number of Municipalities with Average Densities Lower than Solebury – 8
 - Number of Municipalities with Average Densities Greater than Solebury – 45
- Bucks County Municipalities (excluding Solebury) by Residential Collection Methodology
 - Open Market Residential (29 excluding Solebury) (average density excluding Solebury – 1,370/square mile)
 - Number of Municipalities with Average Densities Lower than Solebury - 8
 - Number of Municipalities with Average Densities Greater than Solebury - 21
 - By Contract (22) (average density – 3,140/square mile)
 - Number of Municipalities with Average Densities Lower than Solebury – 0
 - Number of Municipalities with Average Densities Greater than Solebury – 22
 - Municipality
 - 1 (Perkasie) (2.5 square miles)
 - 9,120 population
 - Average Density -3,648/square mile
 - Host Community Agreement
 - 1 (Falls Township) (21.3 square miles)
 - 34,716 population
 - Average Density - 1,630/square mile

Trash and Recycling Data

- Haulers report recycling data to municipalities who, in turn, submit to county
- It does not appear that haulers are required to report trash tonnage to municipalities directly.
- It appears that the PA DEP does report on trash at county but not municipal level.

Solebury Recycling Trash Haulers/Generators 2022

- Residential

- George Leck & Sons
- Republic – BuxMont*
- Solebury lead & yard waste
- Waste Management – Telford/Indian Valley
- Whitetail Disposal

**Republic not taking new homeowners.
Unclear how this affects Waste Management
and Whitetail*

- Commercial

- George Leck & Sons
- Giant #6106 – Solebury
- Modern Recycling Services
- ProShred
- Republic – BuxMont
- United States Recycling Inc*
- Waste Management – Telford/Indian Valley
- Whitetail Disposal

Solebury 2020 Recycling

Solebury Township, Bucks 2020								
Hauler/Generator	Paper: Cardboard	Paper: Mixed/Ot her	Plastic: Mixed	Single Stream	Used Oil	Food Waste/Ot her Organic	Yard & Leaf Waste	Total Gross Tonnage
George Leck & Sons	0	0	0	17	0	0	0	17
Republic - BuxMont	0	0	0	258.9	0	0	0	258.9
Solebury leaf & yard waste	0	0	0	0	0	0	285	285
United States Recycling Inc	0	4.4	0	0	0	0	0	4.4
Waste Management - Telford/Ind	0	0	0	98.5	0	0	0	98.5
Whitetail Disposal	0	0	0	232.2	0	0	0	232.2
Residential totals	0	4.4	0	606.6	0	0	285	896
Advanced Disposal Services	0	0	0	13.5	0	0	0	13.5
George Leck & Sons	0	0	0	104.6	0	0	0	104.6
Giant #6106 - Solebury	386.8	0	16.1	0	0	201.6	0	604.5
Modern Recycling Services	6	0	0	0	0	0	0	6
Republic - BuxMont	0	0	0	11	0	0	0	11
Rite Aid #11088	9.4	0	0	0	0	0	0	9.4
Safety Kleen Corp	0	0	0	0	0.9	0	0	0.9
Waste Management - Telford/Ind	0	0	0	13.9	0	0	0	13.9
Whitetail Disposal	0	0	0	1	0	0	0	1
Commercial totals	402.2	0	16.1	144	0.9	201.6	0	764.8
Grand Totals	402.2	4.4	16.1	750.6	0.9	201.6	285	1660.8
Res or Comm	Total Tons							
Residential Tonnage	896							
Commercial Tonnage	764.8							
Total Tonnage	1660.8							
Population	8692							

Commingled: Aluminum cans, steel and bimetallic cans, clear, green, and amber glass, #1 and #2 plastics
 Single stream: Aluminum cans, steel and bimetallic cans, clear, green, and amber glass, #1 and #2 plastics, mixed paper, cardb

Solebury 2021 Recycling

Solebury Township, Bucks 2021							
Hauler/Generator	Paper: Cardboard	Paper: Mixed/Ot her	Single Stream	Plastic: Film	Food Waste/Ot her Organic	Yard & Leaf Waste	Total Gross Tonnage
George Leck & Sons	0	0	20.8	0	0	0	20.8
Republic - BuxMont	0	0	138	0	0	0	138
Solebury leaf & yard waste	0	0	0	0	0	300	300
United States Recycling Inc	0	4.9	0	0	0	0	4.9
Waste Management - Telford/Ind	0	0	112.6	0	0	0	112.6
Whitetail Disposal	0	0	313.8	0	0	0	313.8
Residential totals	0	4.9	585.2	0	0	300	890.1
George Leck & Sons	0	0	112.3	0	0	0	112.3
Giant #6106 - Solebury	347.4	0	0	15.6	194.2	0	557.2
Modern Recycling Services	8	0	0	0	0	0	8
Republic - BuxMont	0	0	9.5	0	0	0	9.5
Waste Management - Telford/Ind	0	0	21.9	0	0	0	21.9
Whitetail Disposal	0	0	1.6	0	0	0	1.6
Commercial totals	355.4	0	145.3	15.6	194.2	0	710.5
Grand Totals	355.4	4.9	730.5	15.6	194.2	300	1600.6
Res or Comm	Total Tons						
Residential Tonnage	890.1						
Commercial Tonnage	710.5						
Total Tonnage	1600.6						
Population	8709						

Commingled: Aluminum cans, steel and bimetallic cans, clear, green, and amber glass, #1 and #2 plastics
 Single stream: Aluminum cans, steel and bimetallic cans, clear, green, and amber glass, #1 and #2 plastics, mixed

Solebury 2022 Recycling

Solebury Township 2022									
Hauler/Generator	Paper: Office Paper	Paper: Cardboar d	Plastic: Mixed	Single Stream	C&D Concrete, wood,asp halt	Food Waste/Ot her Organic	Yard & Leaf Waste	Total Gross Tonnage	
George Leck & Sons	0	0	0	18	0	0	0	18	
Republic - BuxMont	0	0	0	109	0	0	0	109	
Solebury leaf & yard waste	0	0	0	0	0	0	1025	1025	
Waste Management - Telford/Ind	0	0	0	79.4	0	0	0	79.4	
Whitetail Disposal	0	0	0	349.2	0	0	0	349.2	
Residential totals	0	0	0	555.6	0	0	1025	1580.6	
George Leck & Sons	0	0	0	113	0	0	0	113	
Giant #6106 - Solebury	0	309	14.2	0	0	186.7	0	509.9	
Modern Recycling Services	0	10	0	0	0	0	0	10	
ProShred	0.7	0	0	0	0	0	0	0.7	
Republic - BuxMont	0	0	0	3.3	0	0	0	3.3	
Waste Management - Telford/Ind	0	0.3	0	38.5	17.2	0	0	56	
Whitetail Disposal	0	0	0	1.6	0	0	0	1.6	
Commercial totals	0.7	319.3	14.2	156.4	17.2	186.7	0	694.5	
Grand Totals	0.7	319.3	14.2	712	17.2	186.7	1025	2275.1	
Res or Comm	Total Tons								
Residential Tonnage	1580.6								
Commercial Tonnage	694.5								
Total Tonnage	2275.1								
Population	8709								

Commingled: Aluminum cans, steel and bimetallic cans, clear, green, and amber glass, #1 and #2 plastics
 Single stream: Aluminum cans, steel and bimetallic cans, clear, green, and amber glass, #1 and #2 plastics, mixed paper, ca

Discussion Topics

- Number of haulers has been reduced given that Republic is not taking new clients. Unclear what affect is on other haulers.
- Given residential (especially HOA make up of households) and commercial use, is it possible to transition to single hauler?
- Haulers use automated trash collection (arm grabbing cans) which is efficient use of time and minimizes pollution
- Could homeowners be required to subscribe for service with hauler of their choice but Township negotiates preferred rate with one hauler so people will perhaps gravitate to that hauler over time
- Non-environmental concerns about single hauler contract like vulnerability of relying on single hauler (bankruptcy, performance issues, complaints going to Township)
- What steps are haulers taking to reduce pollution (electric/hydrogen trucks, route planning, etc.)
- Initiatives to meet community needs: reusable goods collection, reuse and repair events (repair cafes), edible food donation, building materials reuse yards, etc.

Sources

- Solebury Township Energy Transition Plan
- Bucks County 2018-2028 Municipal Waste Management Plan
- Databases available on PA Dept. of Community and Economic Development Website
- Solebury Township Recycling Trash Hauler Reports (2020-2022)
- Planner/Recycling Coordinator, Bucks County Planning Commission