#### **Green Purchases**

#### **Objectives**

Encourage a program for green purchasing, or environmentally preferred purchasing (EPP), to be adopted by the township of Gloucester and the Gloucester Township Board of Education (BOE). (EPP involves the coordinated purchase of products made from recycled content as well as alternative products that save energy or water or less hazardous to health and the environment)

Encourage residence, businesses, and industry to make purchases that are environmentally friendly.

#### **Targets**

By 2015, increase by 35% the number of purchases made by the township and BOE that meet EPP guidelines.

By 2020, increase the number of purchases made by the township and BOE that meet EPP guidelines to 60%

Educate shoppers to make informed decision on green purchasing in local businesses.

# **Action Steps - Short term (Within a Year)**

- 1. Encourage the town and BOE to make green purchasing choices
- 2. Encourage and facilitate the development
- 3. Educate residents in green product selections and encourage green decisions. Short term action would be to schedule workshops on green cleaning and landscaping.

# **Action Steps - Long Term**

1. Facilitate the development of a comprehensive EPP for the town and BOE.

#### **Solid Waste & Recycling**

#### **Objectives**

To reduce solid waste

To increase recycling

#### **Targets**

To reduce solid waste by 15% in 2013

To reduce solid waste by 30% in 2014

To increase tonnage of recycled materials by 45% in 2013

To increase tonnage of recycled materials by 50% in 2014

## **Action Steps - Short Term (Within a Year)**

- 1. Educate the public on how to reduce solid waste by reducing, reusing and recycling.
- 2. Procure recycle bins for the parks and summer camp sites in.
- 3. Have a program in our schools to get them engaged and excited about recycling.
- 4. Recognize businesses for green practice

- 1. Find a way to recycle Styrofoam
- 2. Develop a reward system for single stream recycling

#### **Energy Conservations in Existing Structures**

**Objectives:** Reduce energy consumption and costs associated at Township and School Districts owned and operated by implementing energy conservation measures through an Energy Savings Improvement Program ("ESIP") incorporating Direct Install incentives.

Goals: 1.Decrease operation costs and Gloucester Township and Black Horse Pike Regional School District facilities.

- 2. Energy Savings Finances Project
- 3. Reduce the Township's Carbon Footprint
- 4. Receive 60% of eligible capital costs through the District Install Program, for those measures that qualify.

#### **Targets**

Large energy consuming facilities

High traffic facilities

Facilities with aging infrastructure

#### Action Steps – Short Term (Within a Year)

- 1. Energy Savings Plan completed and filed with PBU
- 2. Bonds were issued June 5, 2012
- 3. District and Township boilers ordered July 12, 2012
- 4. Public bidding process for an energy conservation contractor, bids due August 9, 2012
- 5. Complete construction in early 2013
- 6. Coordinating District Install retrofits at the Township Senior Center
- 7. Township professionals verify savings to cover bond debt
- 8. Project Management from Township Professionals

- 1. Project commissioning
- 2. Monitor energy savings

## **Transportation**

#### **Objectives**

Reduce transportation fuel use through reduced automobile use and increased fuel efficiency.

Improve community health by decreasing emissions and promoting exercise.

## **Targets**

Convince drivers in town to adopt more fuel efficient practices and habits.

Eliminate idling around schools and other populous locations.

# **Action Steps - Short Term (Within a Year)**

- 1.Incentivize/encourage carpooling to schools and events.
- 2. Post no-idling signs at the schools and other populous places.
- 3. Begin to publicize fuel efficient driving habits.

- 1. Reduce usage of personal cars and advocate for alternative transportation such as bike, car pool, or public transportation
- 2. Evaluate energy efficient vehicle options when purchasing new
- 3. Pass an anti-idling ordinance; publicize and enforce idling restrictions
- 4. Expand our natural gas facility to allow other towns and private industry to use

## **Tree Canopy and Open Space**

#### **Objectives**

Promote the preservation of green space in and around Berkeley Heights

Maintain and promote a healthy, safe and sustainable shade tree resource that will benefit the community

#### **Targets**

Develop inventory of all public trees on all roads in the Township

Develop program to prune and maintain trees including assessment of hazardous trees.

Develop rain gardens on Township and Board of Education property.

Promote diversity of native species and replacement of invasive species.

## **Action Steps - Short Term (Within a Year)**

- 1. Carry out windshield survey of hazardous trees
- 2. Establish a systematic multi-year program of tree pruning and removal of hazardous trees and look for grant funding for this purpose
- 3. Begin to carry out an inventory of street trees and use grant funding for this effort
- 4. Create a rain garden
- 5. Purchase more open space for ball fields and another community garden

- 1. Review TWP Shade Tree Ordinance to include preservation of certain trees, recommendations for trees planted below power lines, and exclusion of invasives
- 2. Evaluate locations for more rain gardens
- 3. Carry out other actions proposed in the township's Community Forestry Management Plan
- 4. Create an amphitheater on open space property (community park location)

## **Water Usage**

#### **Objectives**

Educate the Public and Disseminate to the Community Helpful Hints for Improved Water Conservation, Water Usage, and Green Landscaping Practices

## **Targets**

Educate as many members of the community as possible within the next year through community partnership and outreach, and draft ordinances relating to water runoff and other water conservation measures.

## **Action Steps - Short Term (Within a Year)**

- 1. Educate the public on opportunities for water conservation through handouts, presentations, and other means.
- 2. Educate public on disposal of medications.

- 1. Continue with other methods to educate the public on opportunities for water conservation. This may include some or all of the following:
- a. Coordinate speakers to deliver presentations at public forums.
- b. Participate in local programming on a local television channel.
- c. Host a lecture or presentation at a local college or university.
- d. Work with elementary, middle, and high schools through their respective parent-teacher organizations (PTOs) to implement water usage awareness programs.
- 2. Draft a water conservation ordinance.
- 3. Rain Barrel workshops and water shed education.

Action Plan for Sustainable Gloucester Township					
Website					
Objectives					
To keep township residence informed.					
Targets					
To focus on an overhaul of the entire Gloucester Township site.					
Action Steps – Short Term (Within a Year)					
1 Dadasira wahaita					
1.Redesign website					
2.showcase green businesses on the site     3.Create an email newsletter called Under Sunny's Hat					
3. Create all email newsietter caned officer Suffry 3 flat					
Action Steps – Long Term					
1.Create a Sustainable Gloucester Township Blog					

Action Plan for Sustainable Gloucester Township  Food Production						
To sustain the community Garden and Farmers Market						
Targets						
To foster good relationships between residence.						
To reevaluate and amend gardening plot rules and responsibilities after the						
completion of the second year.						
Enhance the Farmers Market						
Action Steps – Short Term (Within a Year)						
1.Set a sign up meeting for the 3 <sup>rd</sup> Tuesday in march. 7:00pm in the courtroom.						
2. Have gardeners sign a plot contract						
3.Increase vendor participation for the farmers market						
Action Steps – Long Term						
1 Open a consideration of the court of						
1.Open a second community garden on the south side.						
2.Accept EBT cards for farmers market						

	Action Plan for Sustainable Gloucester Township					
Green Team						
Objec	tives					
To en	sure Gloucester Township is Sustainable Jersey Certified.					
To inc	rease awareness and share a passion for the environment and our					
comm	unity beyond our certification.					
Targe	ts					
-	rtner with other entities and other sustainable jersey green teams for oration.					
To exp	oand each year our level of certification.					
Actio	n Steps – Short Term (Within a Year)					
1.	Achieve silver certification					
2.	Schedule more events					
3.	Increase our members					
4.	Speak to and connect with more people in the community					
Actio	n Steps – Long Term					
1.	To remain certified and achieve Gold when it becomes available					