



## Sustainable Jersey Community Certification Report

This is the Sustainable Jersey Certification Report of Glen Rock Boro (Bergen), a Sustainable Jersey bronze certified applicant.

Glen Rock Boro (Bergen) was certified on September 28, 2012 with 170 points. Listed below is information regarding Glen Rock Boro (Bergen)'s Sustainable Jersey efforts and materials associated with the applicant's certified actions.

---

### Contact Information

The designated Sustainable Jersey contact for Glen Rock Boro (Bergen) is:

<b>Name:</b>	Sylvia Rabacchi
<b>Title/Position:</b>	Acting Co-Chair / Glen Rock Environmental Commission
<b>Address:</b>	25 Warren Place Glen Rock, NJ 07452 Glen Rock, NJ 07452
<b>Phone:</b>	201-445-5322

# Sustainability Actions Implemented

Each approved action and supporting documentation for which Glen Rock Boro (Bergen) was approved for in 2012 appears below. Note: Standards for the actions below may have changed and the documentation listed may no longer satisfy requirements for that action. Additionally, points associated with actions prior to 2013 certifications may not be accurate.

## Community Partnership & Outreach

### Community Education and Outreach

10 Points

#### Program Summary:

Green Film Festival: During a four week period from Oct 13th to Nov 10th 2011 the Glen Rock Environmental Commission and Green Up Glen Rock hosted a Green Film Festival consisting of a series of three well produced, full length documentaries on subjects critical to the protection of the environment. The festival was heavily promoted in the local press (Glen Rock Gazette) and via a well designed flyer, (per link below). In addition the local environmental clubs in the Glen Rock school system were asked to encourage students to attend the screenings. On Oct 13th we showed "TAPPED", a revelatory film that uncovers the unregulated and unseen world of an industry, dominated by three huge multi-national companies that have privatized and sells back to the public the one resource that never should become a commodity – Water. On Oct 27th we screened "GASLAND", the cross country odyssey of film maker Josh Fox as he uncovers the controversial practice of hydraulic fracturing, also known as 'fracking' . The film unearths shocking practices that are under studied and under regulated. On Nov 10th we screened 'BAG IT", a film that starts out as study of plastic bags and their effects on the environment but evolves into a wholesale investigation into plastics in general and their effect on our waterways, oceans and even our bodies. A student intern, Hyun Lee, prepared and delivered the introduction. A member of the local Boy Scout Troop prepared an educational display on alternatives to plastic bags and other plastic products. All three showings were well attended with an average of 45 local residents at each. Comments from attendees were generally positive suggesting that greater knowledge of the subject matter investigated in these three documentaries, was of interest to residents. It is our intent to host green film festivals on an annual basis, selecting documentaries that inform and educate local residents on practices and materials that may be harmful to our environment. As a follow up to the "Bag It" movie and as part of our Shop The Rock/BYO Bag program, in the spring of 2012 we held a Kids Go Green day to educate young children about the importance of recycling and the environmental horrors of plastic bags. We had a massive response to this event, which featured a Glen Rock resident magician who structured his entire program around the theme of plastic bags and trash. We gave out a wonderful goodie bag with a free useable shopping bag and other related items.

 [Publicity for Film Festival](#)

 [Green Film Festival Flyer](#)

### Create Green Team

10 Points

Bronze Mandatory

Silver Mandatory

#### Program Summary:

The first green team was established in 2009 as the Sustainable Glen Rock Steering Committee by a resolution of the Glen Rock Borough Council. Since then, it has worked closely with the Glen Rock Environmental Commission, since there is overlap in their memberships. We have found that the most effective operational structure is for the Glen Rock Environmental Commission to take the lead on Sustainable Jersey with the support of the green team. We recruit community members to form taskforces focused on Sustainable Jersey Actions which align with each volunteer's particular area of interest. The Chair of the GREC reports to the Council on a regular basis on the activities of the GREC and the Green Up Glen Rock Team, which is now the name of the green team. We have changed the name to tap into the high recognition factor associated with "Green Up Glen Rock." The accomplishments of Green Up Glen Rock are included in the GREC Annual Report which is presented to the Borough Council and Mayor. In July 2012, the Glen Rock Borough Council reaffirmed its commitment to pursuing Sustainable Jersey certification and the continued role of the

Green Up Glen Rock Team.

 Resolution Forming Team

 GREC + GUGR 2011 Annual Report

 GUGR Team

## Education for Sustainability Programs

10 Points

### Program Summary:

2011 Fourth Grade Water Day 4th Grade Water Day specifically supports NJ CC Science Standards 5.8 (Earth Science) and 5.10 (Environmental Science). The entire 4th grade of Glen Rock approximately 225 students from 4 elementary schools have participated for 8 consecutive years in this event.. Students walk or are dropped off at the Thielke Arboretum, a beautiful 11 acre park with a pond and a stream. Students participate in 5 environmental studies workshops. Additionally 30 Environmental Studies students from the HS lead 3 of the 5 workshops. The HS students lead the class in macro invertebrate studies , and take the younger students in the stream with wading boots. The amount and variety of organisms gives vital information regarding the health of the stream. Human behavior through nonpoint source pollution affects the quality of stream water. The HS students demonstrate this relationship through the use of an "Enviroscape " a large model that shows how various types of pollution get washed down stream. The HS students lead a water relay race called "The Great Haul" which informs the students about water usage. The community participates by leading tours of the Arboretum. Small tours are stressed so that each student gets maximum attention and information. There is one leader to every 4-5 students. Students get to understand the relationship of plants, habitat and water through this experience. Finally a representative from the Audubon Society comes with reptiles and discusses habitat and adaptation with the students. 4th Grade Water Day provides Glen Rock students with a unique and interesting day of learning and provides a scaffolding for the 6th grade CCS. 208-20091 ForuthG rade Water Day Describe the project and partners: The Glen Rock Environmental Commission and Green Up Glen Rock, in conjunction with the Friends of the Arboretum, with additional support from the Americorps Watershed Ambassador Program, has developed a partnership with the Glen Rock Public Schools to promote water conservation and watershed awareness. The program is called "Fourth Grade Water Day" culminates in a day of outdoor workshops in May held in our beautiful and scenic 11-acre arboretum. In addition to being a lovely spot, the Thielke Arboretum of Glen Rock has a pond and a brook that runs through it. These natural features function as living laboratories ripe with opportunities for study and observation that are incorporated into the workshops listed below. The program has been developed for the fourth grade of Glen Rock to support the science curriculum study of habitat and natural resources and to teach the value of water in our ecosystem. About 200 students in our four elementary schools participate each year. Students from the Glen Rock High School AP Environmental Science class and Students for Environmental Action club also participate in assisting teachers and leading one of the workshops. Water Day has been a wonderfully successful partnership and learning experience for the students and citizens of Glen Rock. Prior to the event, students learn the essentials of water conservation: Where does our drinking water come from? How do we use it? What is stormwater and how do these factors interrelate on a daily basis? This year, 2008/2009, was the fifth year of our program. Each year the program has changed slightly in terms of scheduling. During the first three years of the program, each school participated for one half of the day. Last year, we broadened the program to a whole day but each school was only at the Arboretum for a half day and then participated at workshops at the nearby Central Elementary School. This year we hit upon a happy medium with a slightly shorter program day but all schools participating for the full program at the Arboretum together. The students are divided into small groups and rotate among five stations manned by volunteers, teachers and high school students. Two of the events are based on the NJ Department of Environmental Protection PROJECT WET. Glen Rock teachers have attended PROJECT WET training and shared their learnings with their peers. 1. "The Great Haul" A PROJECT WET activity presented by 4th grade teachers. Students learn how much water is used for our everyday activities, They then participate in a relay race "hauling" gallons of water to get a physical understanding of water usage. 2. The Web – A PROJECT WET Activity presented by 4th grade teachers. Students learn about the relationship of predators and prey and how environmental factors affect this delicate balance. 3. Bone Hunt- Presented by an Environmental Commission Member, students study bones and skulls and discuss adaptations. 4. Arboretum Tour - Run by Glen Rock Arboretum Volunteers and the GR Environmental Commission. This tour includes discussion of trees- the

intrinsic value of trees and their contribution to the water cycle as well as an observation of stormwater outfalls that empty into the Diamond Brook. 5. Macroinvertebrate Study- Run by high school environmental studies students. Identify program costs. There were no program costs this year as well, with the entire program presented by volunteers. Assess what worked and what could be improved if this activity is tried again in the community: There are two ways the program could be expanded and improved: the first would be latitudinal, that is, in the amount and kind of information that is presented to the current participants in the program i.e. the 4th Grade and the high school Environmental Studies students. With water conservation as a goal, a more detailed analysis of the issue should be explored. For example, students could measure and chart the both the amount of annual rainfall and stormwater run-off. How could stormwater be retained on our property? How will our actions help to recharge the aquifer and prevent nonpoint source pollution and erosion due to rainwater run-off? The second way broaden the program would be longitudinally, that is in the amount of people that are involved. Students could present their findings to the other grades in their schools and to their parents. We could also involve middle school students. The use of technology could be developed. High school students (and fourth graders) could use film, photography, Power Points presentation and web design to explore topics related to the Water Day themes and then make them accessible to the community at large. Perhaps an art project could be created during Water Day and exhibited at the Library or Town Hall. Submit copies of any program outreach or educational materials used in the activity or materials prepared as part of the project. The High school students were trained in the identification using a three-tiered classification system. The presence or absence of classes of macro invertebrates help to determine the health of a stream or waterbody. High school students ran this workshop and taught the fourth graders how to find and identify the macro invertebrates. <http://kywater.org/www/bugs/intro.html> and <http://www.ncsu.edu/sciencejunction/depot/experiments/water/lessons/macro/> One of the elementary school teachers received Project WET training a few years ago and is now a wonderful resource for his colleagues and this program. The teachers use two Project WET activities on Water Day and several throughout the year. Here is a PDF of the "Long Haul" exercise and an explanation of Project WET <http://www.valleywater.org/media/pdf/Project%20WET/LONGHAUL.PDF> From the Project WET K-12 Curriculum & Activity Guide The Project WET Curriculum and Activity Guide, for kindergarten through twelfth grades, is a collection of innovative, water-related activities that are hands-on, easy to use, and fun! Project WET activities incorporate a variety of formats, such as large and small group learning, whole-body activities, laboratory investigations, discussion of local and global topics, and involvement in community service projects. Developed, field-tested, and reviewed by hundreds of educators and resource managers around the country, the Project WET Curriculum and Activity Guide addresses the goals of Project WET and The Watercourse. People's relationships to water are a major theme of the Project WET Curriculum and Activity Guide. Providing a thorough water education program, the guide also addresses water's chemical and physical properties, quantity and quality issues, aquatic wildlife, ecosystems, and management strategies. Project WET activities promote critical thinking and problem-solving skills and help provide young people with the knowledge and experience they will need to make prudent decisions regarding water resource use. Identify next steps for community outreach and education efforts: The weekly local newspaper carried a report of this program. We will repeat the program again next spring. We inform the municipality through publicity in the local paper, which is widely read, verbal updates at Council Meetings, and write ups in the GREC/GUGR Annual Report.

 [Project WET activity](#)

## Food Production

### Community or School Gardens

10 Points

#### Program Summary:

July 2011 - The Glen Rock Community Garden is in its second growing season. The parcel of land on which it is located was donated to the group for use as a garden following discussion between the Glen Rock Borough Council and the organizers of the garden throughout the summer and autumn of 2010. Organizers attended multiple meetings of the Borough Council, initially introducing the concept of a community garden and ultimately submitting a formal plan for a garden. Once the Council agreed to provide land for the garden, multiple sites were considered. The four sites proposed were assessed with regard to their physical accessibility by foot, bike and car, proximity to available water, viability in terms of soil and available sunlight, and visibility within the community. The site that was ultimately chosen met all these

criteria and was additionally particularly attractive because of its location adjacent to an active baseball field and the draw the garden might have for young children. Happily this has been the case and children often come to the garden while their older siblings are playing ball. Some helped to lay out the whole garden early in the spring. Support from the Municipal Government The Borough of Glen Rock provides a 25 x 150 foot parcel of land and provides a source of water close to the garden. The Department of Public Works put in an underground pipe from the water fountain in the adjacent ball field with an underground spigot within the boundaries of the garden, which can be locked. During the second growing season, the DPW improved access to water by installing four additional spigots throughout the garden. Furthermore, the town has agreed to pay the water bill and will provide additional compost as we continue to enhance the soil. Early in the spring, after the site of the garden was staked out, the DPW removed the top layer of earth covering the garden. The soil was enhanced with horse manure donated by a horse farm about 45 minutes from Glen Rock and transported by the gardeners. The DPW then dumped several truckloads of compost on the site from the town Composting Center. When the area was dry enough, the owner of a local nursery donated his time and equipment and tilled the site. The garden was divided into 20 plots that are 5 x 15 feet each. An approximately four foot-high green vinyl coated steel fence was erected, with supporting posts dug in around the periphery of the garden by the gardeners using equipment lent to us by the Borough. The recycled T-posts supporting the fence were also provided at no cost by the Borough. The town will pay for water used in the garden, as well as continue to provide compost as we continue to enhance and expand the garden. Recruiting Members Residents were invited to participate in the garden through announcements in the Glen Rock Gazette and by word of mouth. Gardeners have paid \$50 per plot to participate in the garden. This money has been used to buy fencing materials, hoses and watering cans. There were twenty plots the first year and due to popular demand, we added an additional 10 plots for the 2012 growing season.

 [Glen Rock Community Garden Qua](#)

 [Glen Rock Community Garden Pro](#)

## Health & Wellness

### Anti-Idling Education & Enforcement Program

10 Points

#### Program Summary:

The success of any enterprise is dependent on a strong foundation; the Anti-Idling program in Glen Rock is no exception. The program has always had broad community support, beginning with the unanimous passage of Resolution 133-09 by the Borough Council in April of 2009 and extending to the Clean Air Proclamation signed by Glen Rock Schools Superintendent Dr. David Verducci the following year. Many stakeholders have contributed to this initiative. During the 2011-2012 school year high-frequency idling locations throughout the borough were identified through on-site observation at each location. The act of idling was not weather dependent and occurred with consistency during the fall, winter and spring seasons. Twenty-nine signs were installed at eight prime locations throughout the borough. Our question is always how do we change people's behavior. How do we provide them with the "AHA" moment? The "Considerate It? Be Considerate" Campaign was designed after consultation with the Glen Rock Police Department and in conjunction with the communications department of the public school system to be a two-fold publicity program. First, we instruct and inform and bring consciousness to the habitual act of idling and then we to invite residents to turn off their car engines. To lend visual support to the program colorful versions of the "Considerate It? Be Considerate!" posters were installed at all schools, the library, the municipal building and stores throughout the borough. The League of Women Voters donated 1,000 bookmarks to our campaign, in addition Stop the Soot promotional items, additional bookmarks and brochures, and were obtained by the Commission for distribution at the above locations. Education also included newspaper articles, notices on school websites, and the use of social media, which posts on popular local Facebook pages.

 [Map Locations & Sign Maps](#)

 [Anti-idling Education and Sign](#)

 [Resolution](#)

## Safe Routes to School

10 Points

### Program Summary:

Glen Rock Safe Routes to School Initiatives • May 2009 – Initial meetings with District Superintendent, David Verducci, soliciting his support for district wide SRTS programs • July 2010 – Dr. Linda Weber as Glen Rock District SRTS Coordinator. • July 2010 – GR Environmental Commission submits Bicycling and Walking Policy drafts to district administration for review and adoption • October 2010 – First annual district wide International Bike/Walk to School Day. Six schools and over 800 children participated in this event. Preceding the event, students at Central School participated in a school wide pedestrian safety assembly conducted by the GR Police Dept and North Jersey Foundation for Safety's Talking Safety Car, Otto the Auto. On the day of the event various parents coordinated Walking School Buses to assist the children getting to school. In addition, other pedestrian safety practices were woven into various art, literature and physical education curriculum prior to the event at the other elementary schools.

[http://www.northjersey.com/news/105008604\\_Stepping\\_into\\_bigger\\_benefits.html](http://www.northjersey.com/news/105008604_Stepping_into_bigger_benefits.html) • October 2010 – Safe Routes to School Team formed during initial planning meeting. Team members include physical education teachers from all four elementary schools, HSA members, representatives from the GR Police Dept., and members of the GR Environmental Commission. • October 2010 GR District commits the four elementary schools to five "Glen Rock Walk to School Days" for the 2011/2012 School year – October, November, April, June. • October 5, 2011 4 Glen Rock Elementary Schools participated in their 2nd Annual International Bike/Walk to School Day. Over 750 students participated. Preceding the event there were numerous specific in-school activities preparing the students. April 2011 - Glen Rock Board of Education adopted formal Bicycling and Walking Policies codifying the rule and regulations for biking and walking to school. These policies added further support to SRTS support by encouraging children in the district to use either of these modes of transportation to and from school. • March – June 2012 The GR SRTS Team initiated a Parent/Caregiver survey with the assistance of Alan M. Voorhees Transportation Center staff. This survey is intended to help the GR SRTS Team develop appropriate and effective SRTS policies and programs that meet the needs of our community. As of this moment, the survey results are being tabulated by the Transportation Center Staff. • April 21, 2012 – Glen Rock SRTS hosted a Bicycle Skills Clinic where 53 children (ages 8-11) participated in practical skills training and problem solving skills related to age appropriate bicycle traffic safety skills. We engaged the assistance of three League of American Bicyclists Licensed Cycling Instructors (LCI's), including Nora Shepard, our regional TMA SRTS representative and Cindy Steiner (now Executive Director NJ Bike Walk Coalition). Members of the Glen Rock Activities Club and our local bicycle shop assisted them in this 4-hour training program. There were sessions focused on bicycle safety check-ups, proper helmet fitting, using hand signals, starting and stopping techniques and crossing of intersections. April 26, 2012 - Glen Rock Elementary Schools held their Spring Bike/Walk to school event further reinforcing the SRTS commitment. The event was a success with over 75% of children participating. • July 2012 - We received the results of the Parent/Caregiver Survey. The SRTS Taskforce will review these results and consider the results as they determine how to advance the Safe Routes to School initiative in Glen Rock. Follow this link to the Glen Rock School District Bicycle Permission Form.

<http://glenrocknj.org/modules/groups/homepagefiles/cms/1597418/File/GR%20Bicycle%20Permission%20Form%202011-08-31.pdf>

 [Walk/Bike to School Events](#)

 [Parent/Caregiver Survey Materi](#)

 [Paren/Caregiver Survey Results](#)

## Innovation & Demonstration Projects

### Innovative Community Project

10 Points

1

### Program Summary:

SUMMARY In the fall of 2011 the Glen Rock decided to implement an innovative strategy to foster a regional approach to sustainability. We hosted the first-ever Northwest Bergen County Environmental Commission and Green Team

Summit. Over 20 individuals from seven municipalities attended and based on their enthusiastic support we decided to continue meeting on a quarterly basis. The second meeting, again hosted by Glen Rock, attracted approximately 50 representatives from environmental commissions, green teams and shade tree committees from across Bergen County. These two events, which are the first of an ongoing series, are the first such events of their kind in Northern New Jersey. We had several goals in developing this regional network: • Identify areas of common concern • Share best practices • Explore potential for joint programming • Provide access to experts and resources on “hot topics” Kick-off The network kicked off with a “summit” held in Glen Rock in September 2011. We invited environmental commissioners and green team members from the communities which are adjacent to Glen Rock (Paramus, Fair Lawn, Hawthorne, Ridgewood, Wyckoff) and which are also supplied by Ridgewood Water (Fair Lawn, Oakland, Ridgewood and Wyckoff) since we expected to discuss water-related issues. Prior to the event, we surveyed participants to identify their areas of greatest concern, potential topics to cover and success stories. Based on responses, we were able to identify three success stories to be shared at the event and key topics to discuss. Participants were encouraged to arrive 30 minutes early for networking and bring samples to share. A key element of the event was allowing each participant to introduce themselves to the group: our intent was to initiate relationship building. At the conclusion of the meeting all participants enthusiastically agreed to be placed on a joint mailing list, to create a NWBCEC LinkedIn group for ongoing communications and to meet quarterly to continue the dialogue. After the meeting, the Green Rock sent out an email with links to resources which had been shared and an invitation to join the LinkedIn group. Followup Shortly after this meeting, Northern New Jersey suffered a freak snow and ice storm on Halloween weekend, which caused extensive loss of mature trees and tree limbs, extensive damage to homes, as well as prolonged power outages, road closures and school closures. Residents with mature trees on their properties were terrified of future damage. In consultation with the Glen Rock Shade Tree Advisory Committee liaison to the Green Up Glen Rock Team, we identified “Vibrant Communities and Urban Forests: Mapping a Strategy to Save our Trees” as the topic for the next event. We invited two guest speakers. The first was a representative of New York Restoration Project, New York’s lead community greening organization and sponsor of Mayor Bloomberg’s PlaNYC Million Trees initiative. She presented the results of a recently released national report on Urban Forests. The second speaker was the NJ Community Forester. He gave practical information on community forests, their role in stormwater management and management of trees during extreme weather conditions. Due to the caliber of our speakers, we publicized the event to all Environmental Commissions, Shade Tree Committees and Green Teams in Bergen County (with the help of ANJEC and SJ.) We had very strong attendance, with over 50 participants including the entire Upper Saddle River Environmental Commission. Speakers provided excellent handouts and resources. One issue that was raised by participants was development of shade tree management ordinances, as many Bergen County communities have recently passed ordinances and others, such as Glen Rock and Ridgewood, were in the process of developing or passing ordinances and were very interested in sharing information with other communities. This had begun to build a Bergen County network and strengthen communication among the participating organizations. Members are beginning to share information via the mailing list and the LinkedIn Group. With information gathered from this event, the Glen Rock Shade Tree Advisory Committee was able to testify before the Glen Rock School Board as it planned to remove over a dozen mature oak trees to make room for two artificial turf fields and drafted a Shade Tree Management Ordinance that the Borough Council is close to passing. We have noticed an uptick in communication among the communities as they share invitations to cosponsor and attend events. Glen Rock plans to build on this on foundation by continuing the series of events and strengthening communication.

 [Fall 2011 Summit](#)

 [Spring 2012 Summit](#)

## Land Use & Transportation

**Sustainable Land Use  
Pledge**

10 Points

Bronze Priority

Silver Priority

### Program Summary:

The Sustainable Glen Rock Steering committee worked with the Planning Board secretary to prepare a draft of proposed Sustainable Land Use Pledge for the Planning board to consider. The Planning Board considered it, and the public was invited to comment at a public Planning Board meeting. The proposed pledge was covered in a lengthy article in the

local paper. At the request of the Planning Board Chair, the town municipal planner also reviewed it and made suggested revisions to the Planning Board. The Planning Board then submitted a revised version to the Borough Council which discussed and accepted it at a public meeting. That was also covered in the local weekly newspaper. The Glen Rock Borough Administrator sent a copy of the pledge to all department heads, Planning and Zoning Boards secretary for distribution to those bodies, the Shade Tree Advisory Chair, Sustainable Glen Rock Chair and Glen Rock Environmental Commission chair to share with their respective organizations. The Pledge is now accessible from the Glen Rock Environmental Commission website. See <http://www.glenrocknj.net/environment/>.

 [Sustainable Land Use Pledge](#)

 [Land Use Pledge Publicity](#)

 [Cover email for pledge distrib](#)

## Buy Local Programs

### Buy Local Campaign

10 Points

#### Program Summary:

Shop the Rock/ BYO Bag The Glen Rock Environmental Commission teamed up with the Glen Rock Chamber of Commerce and over 40 Glen Rock Merchants for a November 26, 2012 launching of the "Shop the Rock/BYO Bag" initiative, designed to create a stronger, cleaner community. Residents are encouraged to 'shop local' and to bring their own reusable bags with them. A specific Glen Rock-branded reusable shopping bag was created and distributed free of charge for merchants to hand out to shoppers. By encouraging residents to patronize local businesses we emphasized convenience, avoidance of long drives on congested highways, lowering of carbon output, increased profitability for local merchants, job promotion, creation of a strong sense of community. We timed the kick-off to coincide with the American Express Small Business Saturday, the day after Black Friday, and obtained 100 Small Business Saturday bags from American Express. To promote the program merchants were encouraged to prominently display the specially designed flyers, offer a modest incentive (such as 2 cents per reusable bag), accept plastic bags for recycling, train employees to ask shoppers if they needed or a bag or did they bring their own, monitor bag usage to measure the program's impact. Articles were placed in the local press, via Facebook, LinkedIn, blogs, web pages and to email lists we developed. We applied for and received two small grants which funded the cost of the bags - one from Sustainable Jersey and the other from Clean Air/Cool Planet. The Borough of Glen Rock underwrote the cost of mailings to the merchants and provided manpower to assemble a key mailing to merchants. The GREC underwrote the cost of the promotional materials. A local printer subsidized the print costs and the Chamber of Commerce distributed the materials to its members. We coordinated the kick off of this program with the showing of Bag It, one of the three movies in our Fall 2011 Green Film Festival. In the spring of 2012, we conducted successful Kids Go Green Earth Day event featuring a local magician who created a performance entirely themed on recycling and protecting the earth. This is a continuing program with the ultimate goal of reducing or totally eliminating free distributions of flimsy single use plastic bags.

 [Shop the Rock/BYOBag Flyers](#)

 [Shop the Rock\\_BYO Bag Material](#)

 [Shop the Rock\\_BYO Bag Publicit](#)

## Natural Resources

### Environmental Commission

10 Points

#### Program Summary:

The Glen Rock Environmental Commission is a very active group of dedicated community volunteers. It works closely with the Shade Tree Advisory Committee, Thielke Arboretum of Glen Rock, Director of Public Works, Planning board and Borough Council, and is the umbrella body for the Green Up Glen Rock Team. Its members include: Cindy Mehallow (chair), Naomi Gamorra (MS/HS Liaison and Anti-Idling Lead), R. Scott King (Liaison to Friends of the Glen Rock



Aboretum, Sandy Chapman (SRTS Coordinator), Andy Curshen (Plastics Reduction Lead), Paul Sharar (Energy Lead), Lesley Elton (Community Garden Coordinator) and Mark McCullough (Planning Board Liaison). The mayor appoints the members to the commission at the beginning of each year with the approval of the council. The commission meets on the 3rd Tuesday of each month.

 [Resolution Establishing Env. C](#)

 [GREC 2011 Annual Report](#)

## Natural Resource Inventory

20 Points

Bronze Priority

Silver Priority

### Program Summary:

In the spring of 2008, the Glen Rock Borough Council agreed to provide funding for the Environmental Commission to create an Environmental Resources Inventory and passed a resolution to apply for a 2008 Smart Growth Planning grant. We applied for a received a \$6,000 grant, to which the boro agreed to provide \$3,000 in matching funds and \$3,000 in kind services by volunteers and staff. We hired our town planner at the time, the firm H2M, which worked with a subcommittee of the Environmental Commission members to create the ERI. The ERI was completed in July 2008, along with a Conservation Plan Element in August. The Conservation Plan Element and ERI were adopted as part of the Master Plan by resolution in 2009. The Commission has agreed to update the ERI on the same schedule as the Master Plan Reexamination. The most recent Glen Rock Master Plan Reexamination was adopted in January 2008. The next reexamination will take place in 2014. The ERI and Conservation Plan Element are both available to the public via the Environmental Commission website at <http://www.glenrocknj.net/environment/> Due to the size of the files, the text and maps are available in three separate downloads.

 [Glen Rock ERI Text](#)

 [Resolution adopting ERI into M](#)

 [Commitment to Update ERI](#)

## Tree & Woodlands Management

### Community Forestry Plan and Tree Cover Goal

20 Points

### Program Summary:

The Borough of Glen Rock, a Tree City USA for the 20th year, has had two Forestry Management Plans and has met with approval from the NJDEP each relevant year. Each year the Glen Rock Department of Public Works PW sends 2 employees to the Shade Tree Federation Conference in October. This satisfies the CEU requirements for Municipal Approved Status under the Community Forestry Program. At this time, Glen Rock has 5 employees who are core-trained and 3 volunteers from the Shade Tree Advisory Committee and Environmental Commission. The Borough is currently working on its 2013-2017 Forestry Management Plan. In 2009, the Borough Council approved Resolution No. 97-09: Resolution to Preserve Glen Rock's Tree Canopy. This resolution establishes the pride the Borough takes in its tree stock, recognizes the decline of the town's aging forest, and outlines the benefits of trees. And, it states that there is a direct relationship between the preservation of the tree canopy in Glen Rock and the health, safety and welfare of residents. The resolution resulted in two things. It created a Tree Fund that is funded through private donations and whose purpose is to acquire, plant, and maintain trees on public property, providing a vehicle for residents to directly contribute to the community forest. Secondly, it specifically allows these funds to be used for the education of residents on the benefits and care of trees within our community. As of 2008, Glen Rock's canopy cover is 43%. This resolution chose not to set a numeric goal due to budget constraints and the feasibility of increasing the cover as opposed to maintaining. This resolution also looks to the public sector to aid in the growth of the community forest.

 [Community Forestry Plan Approv](#)

 [Tree Canopy Resolution](#)

## Tree Planting Programs

10 Points

### Program Summary:

Glen Rock has an active, yearly tree planting program that is funded largely by the Municipal budget and supervised by the Dept. of Public Works. The 2011 tree budget was \$187,973, of which \$15,000 was dedicated to tree planting (about 75 trees). Street trees are usually planted in late fall. Planting sites are mostly based on homeowner requests. 2011 Planting is done by a contracted tree service with the supervision of the DPW, while trained DPW employees handle trimming and maintenance beyond the first year. Every new tree gets a printed tag with care instructions along with a letter with care and mulching instructions. A total of 54 trees were planted by Lewis Barbados, bid winner. In addition, 17 trees were planted through private donations to the Glen Rock Tree Trust. The DPW removed 134 trees because they were either hazardous, sick, or damaging the surrounding infrastructure. This does not reflect trees removed during the beginning of the storm, Fall 2011, when recordkeeping could not keep up. The Borough does not plant under utility wires. In these cases, the borough will plant trees 15ft from the curb on private property with ownership reverting to the resident after one year if elected. Maintenance Every newly planted tree is guaranteed for one year. After year one, a visual inspection is made, trunk taping removed and pruning to elevate branch height occurs. After year two, stakes are removed and trees are reinspected for pruning. In year three, a general inspection occurs during the course of the year and the town responds to requests by homeowners for attention. In severe drought conditions, newly planted trees are inspected and homeowners are urged to water through letters and publicity. For trees on non-residential Borough property, careful monitoring and occasional watering occurs in extreme conditions.

 [All info about planting progra](#)

## Recycling

### Community Paper Shredding Day

5 Points

### Program Summary:

Glen Rock offers its residents a variety of paper shredding events to safely dispose of sensitive documents. First, the Glen Rock Department of Public Works held a shredding event at the town recycling center on June 11, 2011. The event was advertised to the community through signs put up around the town as well as on the town website. Residents brought their materials to be shredded to the recycle center, where a truck from the Atlantic Coast Fiber Company shredded the material. About 65 town residents brought materials to the recycle center and approximately 300 pounds of paper were shredded. Here is a link to the listing of the shredding event from local Patch news website. <http://ridgewood.patch.com/events/boroughwide-paper-shredding-event> Second, on December 4, 2011, Boiling Springs Bank at 217 Rock Road in Glen Rock held a "Shredding Extravaganza" in support of Rebuilding Together(Bergen County)<http://www.rebuildingtogetherbergen>. This was organized as a paper shredding fundraiser in cooperation with Seton Hall University students. The event took place on Sunday December 4th from 10:00 am until 1:00 pm. Our goal is to raise money for this great organization. The cost is \$10 per file box. Looking ahead, we also publicized the Bergen County paper shredding event scheduled for August 18, 2012 at the Bergen County Community Services Bldg, 327 East Ridgewood Ave., Paramus, NJ. <http://www.glenrocknj.net/events/event-detail.php?eid=1099> Finally, the Glen Rock Department of Public Works is planning another Community Paper Shredding event is planned for November 10, 2012. This series of four paper shredding events offers residents several convenient opportunities to safely and responsibly dispose of sensitive documents.

 [Paper Shreddign Publicity](#)

## Recycling Depot

10 Points

### Program Summary:

The Glen Rock Department of Public Works operates a Recycling and Compost Center located on Doremus Avenue, adjacent to the recreation complex which includes playing fields and the town pool. The Recycling Center accepts: junk mail and paper; newspaper; corrugated cardboard, plastics, aluminum and tin cans, scrap metal, and used clothing. The Composting facility accepts grass clippings, leaves, yard waste, garden debris, "clean" soil and rocks. For the total volume of each material recycled, please see the attached annual reports for 2007 and 2008. The DPW monitors usage by tabulating the number of vehicles going through the center. The Recycling Center and Compost Area is registered and licensed by the State and strict regulations dictate how we operate the facility to maintain our license. Besides the requirements for extended buffer borders around the site, garbage or rubbish is strictly prohibited anywhere within the facility. The borough's compost site is for use by borough residents only. Residents must have a current borough-issued sticker permit (these can be obtained at the police headquarters) clearly visible in order to enter the landfill area. These permits must be affixed to the drivers side rear window or drivers side window. Residents may take only their leaves and all vegetative lawn and garden debris to the site for composting. No other materials of any kind except "clean" soil and rocks shall be permitted to be dumped with vegetative materials. All containers such as boxes, cans, plastic bags, etc., used to haul the materials SHALL NOT be left at the compost site. Use of the compost landfill shall be restricted to only those days and hours when it is scheduled for resident use. That schedule will vary with the seasonal demand use, and it will be posted by sign at the entrance to the compost site. In general, that schedule provides for the opening of the compost site in late March and closing for the season in late December, after the bulk of the leaves have fallen.

**PENALTY SANCTIONS** Anyone caught and convicted of violating these rules and regulations shall lose the privilege of using the landfill and in addition may be fined.

**RECYCLING AND COMPOST FACILITY SCHEDULE OF HOURS:**  
JANUARY 1ST THROUGH MARCH 31ST RECYCLING CENTER ONLY Sunday 1 p.m. - 5 p.m. Monday Noon - 4 p.m. Tuesday 9 a.m. - 4:30 p.m. Wednesday CLOSED Thursday 9 a.m. - 4:30 p.m. Friday 9 a.m. - 4:30 p.m. Saturday 8 a.m. - 5 p.m. APRIL 1ST THROUGH DECEMBER 31ST RECYCLING CENTER AND COMPOST FACILITY Sunday 1 p.m. - 5 p.m. Monday Noon - 4:30 p.m. Tuesday 9 a.m. - 4:30 P.M. and 6 p.m. - 8:30 p.m. 9 a.m. - 7 p.m. for the months of Nov. and Dec. Wednesday CLOSED Thursday 9 a.m. - 4:30 p.m. and 6 p.m. - 8:30 p.m. 9 a.m. - 7 p.m. for the months of Nov. and Dec. Friday 9 a.m. - 4:30 p.m. Saturday 8 a.m. - 5 p.m

 [Recycling Center Photos](#)

 [Glen Rock Recycling Center Inf](#)

## Waste Reduction

### Backyard Composting Program

5 Points

#### Program Summary:

Composting Workshop Identify partners. The Friends of the Thielke Arboretum of Glen Rock, a affiliate of Green Up Glen Rock, held a composting workshop in October 2011 at the Thielke Arboretum of Glen Rock. The event was supported by the Glen Rock Environmental Commission and Glen Rock Garden Club. Estimate project costs. The event was organized and presented completely by volunteers so no cost with the exception of the printing of the promotional flyers, which cost less than \$20. Assess what worked. We got people composting who weren't before! The workshop was attended by 17 enthusiastic people. Composting bins were sold, and awareness was raised about the environmental and financial impact of overproduction of household solid waste. People enjoyed the hot apple cider and outdoor event in the autumn. The program chair of the Glen Rock Garden Club attended the event and expressed interest holding a similar event. We plan to hold another composting demonstration this fall are now exploring the possibility of cosponsoring the event with them Assess what could be improved if this activity is tried again in the community. Maybe we could get the Dept. of Public Works to donate a few composting bins to be given to participants or subsidize half the cost so we can sell them at a deeper discount. Perhaps attendance could be improved by holding several workshops at the same time on different issues. We could produce a more detailed presentation about the overflowing solid waste problem could be produced with slides, or show a short documentary-style program. The November 2011 workshop is the most recent in a series of events to promote composting. Previous events include: - Educational display and drawing for four free composting bins at our town;s annual Family Fun Fair in June 2010. Bins were purchased from the Bergen County utility Authority and given to residents who entered a drawing. - The Glen Rock Environmental Commission held a composting demonstration at the local arboretum on Sunday, November 16, 2009,

from 2:30-3:30 pm. e publicized the event with flyers posted in downtown locations, an email to all Green Up Glen Rock members and publicity in the local newspaper. During the workshop, we held a hands-on demonstration how to build a simple leaf bin for composting autumn leaves. This was accompanied by a discussion of the many reasons that this is good to do, including alleviating the financial cost and associated pollution of the autumn leaf clean-up. We also gave a demonstration of how to put together the EarthMachine home composting bin for household and kitchen scrap composting. EarthMachines, which had been obtained at a discount from the Bergen County Utilities Authority, were available for sale on-site. We gave a detailed discussion about the proper way to compost, and how a program of precycling, recycling, and composting can reduce the average household solid waste production by 80% or more. We discussed the benefits of finished compost as a soil enhancement, and had some finished compost available for viewing. - Another composting workshop was given together with a lecture on sustainable lawn care with the David Daenke, "Garden Guru" at Central Elementary School on April 18, 2009.

 [Publicity and handouts](#)