Sustainable Jersey Certification Report

This is the Sustainable Jersey Certification Report of Woodbridge Twp, a Sustainable Jersey silver certified applicant.

Woodbridge Twp was certified on October 22, 2013 with 870 points. Listed below is information regarding Woodbridge Twp's Sustainable Jersey efforts and materials associated with the applicant's certified actions.

Contact Information

The designated Sustainable Jersey contact for Woodbridge Twp is:

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Title/Position:	CHIEF OF STAFF / MAYOR'S OFFICE
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Actions Implemented

Each approved action and supporting documentation for which Woodbridge Twp was approved for in 2013 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.

Animals in the Community

Animals in the Community Education *Retired 12/31/23*

10 Points

Program Summary: Health Inspectors, Animal Control Officers and Animal Rescues met and realized that feeding of birds draws many types of non-targeted wildlife and that wild bird feeding in particular drew unwanted animals such as squirrels. When squirrels feed steadily close to homes they often try to make their home inside a residence becoming a nuisance and hazard. The group decided to educate the public on properly conducting wild bird feeding so as to reduce

attracting squirrels and associated health nuisances. Educational flyers, updated annually on bird feeding and squirrel prevention are also used by staff when they respond to complaints in the field and are available to the public for educational purposes at the Animal Shelter, Health Center, the Health Expo and Health Department Open House. Animal Control Officers display them on tables at fairs, dog walks and other events. Flyers are mailed to residents upon request or inquiry about squirrels or when requesting taps. The Health Officer explained the program on Cable TV-35 as part of the sustainability series. The program aired in December 2011 and is viewable on the township webpage on demand. An educational program about the benefits of pet micro-chipping began in 2012. We combine education with low cost micro-chipping for resident's pets. In 2012, 50 pets were micro-chipped and in February 2013, we micro-chipped 20 with 2 more clinics scheduled. A local veterinarian administers the micro-chip while Health Inspectors and Animal Control Officers are present to educate the public on the benefits. At the Woodbridge Animal Shelter we also educate adopters and offer micro-chipping on site. The micro-chip is the Home Again type. The benefits of the micro-chip are that it never wears off or can be lost and that each lost pet with one has a better chance of being reunited with its owner. Moreover, in preparation to Rabies Day of September 28, the Animal Control Division of Woodbridge Health Department held on September 3rd a refreshment workshop on rabies for all Animal Control Officers.The flyers provided, will be distributed until the end of December to pet owners and residents of Woodbridge, South Amboy and Roselle Park.The "Free Rabies Clinic" is scheduled for September 16th and 18th.

PDF: ANIMALS IN THE COMMUNITY EDUCATION UPLOAD1

PDF: ANIMALS IN THE COMMUNITY EDUCATION UPLOAD 2

Pledge Supporting NJ Wildlife Action Plan

10 Points

Program Summary: ** no update needed, accomplished in 2011 ** Though Woodbridge Township is a densely-populated human area with little remaining open space, the municipal government recognizes that animals are an integral and valuable part of our community – especially in areas such as the Pin Oak Forest, Raritan River waterway and Woodbridge Creek headwaters that still harbor significant wildlife populations. The Township's "Pledge Supporting New Jersey Wildlife Action Plan" works to support this important part of community sustainability.

PDF: WILDLIFE ACTION PLEDGE-UP1

PDF: WILDLIFEPLEDGE-UP2

Companion Animal Management Plan

10 Points

Program Summary: Woodbridge Township Division of Animal Control has long been in the forefront of developing innovative and humane solutions for animal management issues. The Companion Animal Plan created by the Township this year received significant stakeholder input from the community and from animal management professionals, including several meetings, minutes of which are included in Upload 2. Stakeholders: Local Animal Control Officers were chosen due to their knowledge, background in the area targeted and ability to effect change since they often interact with the public regarding outside cats and the need to control their breeding Health Inspector was chosen because of their knowledge of public health and nuisances. They are

often called upon to respond to outside cat nuisance issues and can provide the technical assistance and information about existing populations that need control. The Animal Rescue stakeholders were chosen for their past experience and success relating to TNR in a neighboring town. The Animal Rescue stakeholders have the knowledge, resources and experience regarding how to address and reduce outside cat populations effectively. Stakeholder contributions: Health Officer coordinates and brings together all the parties and implements the overall plan. Animal Control Officer interacts directly with the Rescue stakeholders advising them where the outside cat issues exist and coordinates the animal control and Shelter involvement, if any. Health Inspector assists ACO and Rescue stakeholders if required and when necessary. Outside cats populations can cause public nuisances and or may require enforcement only a Health Inspector can provide. Rescue Stakeholders will volunteer their time and resources to meet with residents and spay/neuter outside cats residents are willing to personally care for. If residents cannot not afford the cost the non-profit rescue may assist in the cost. The rescue stakeholders will physically trap, remove, neuter and return the cat to the original area if the residents are willing and able to care for it otherwise. Evaluation: This is the first such program implemented in Woodbridge. The program's success will be evaluated by the total number of outside cats neutered each year and during the existence of the program. Each cat neutered will mean one less able to breed. We are expecting to see an eventual reduction in the number of outside/feral cats and kittens trapped and brought to the Shelter by residents. However, we expect the reduction to be gradual until the program is fully accepted by residents.

PDF: **COMPANIONANIMALPLAN-UP1**

WORD: **COMPANIONANIMALPLAN-UP2**

PDF: **COMPANIONANIMALPLAN-UP3**

Companion Animal Management Pledge

5 Points

Program Summary: Woodbridge Township Division of Animal Control has long been in the forefront of developing innovative and humane solutions for animal management issues. The Companion Animal Plan created by the Township this year received significant stakeholder input from the community and from animal management professionals. Upload 1 contains the Companion Animal Management Pledge adopted in 2011, along with the memo introducing the Pledge and outlining expectations for the municipal staff regarding implementation – as well as the list of staff receiving the memo as well as their affiliations. We solicited stakeholders from several areas and their contributions are: 1. The Animal Control enforcement area. These professionals deal directly with the issues related to outside cats so have direct knowledge of the problems and possible solutions. They know where the specific problems exist and can direct the 501 (c) (3) team to that area in an effort to address and resolve the issues. 2. Nonprofit organizations(s), 501 (c) (3) that are centered on helping outside cats. This group provides valuable insight for plan development and directly assists the residents with the outside cat issues by assessing the area, trapping the cats, providing neutering and returning the cats to the area as appropriate. 3. Shelter volunteers. These volunteers/people have a strong interest in finding efficient methods of addressing outside cat issues. They provide valuable insight for plan development and manpower to assist Animal Control and the 501 (c) (3) 4. The general public/residents of Woodbridge Township – many of the residents have issues and concerns about outside cats and so have a keen interest is resolving these issues. They provide valuable insight for plan development and about what whether our current actions are effective. 5. Health Department/Inspectors – They represent the public health side of animal control issues/concerns. They insure that the plan of action does not result in a public health issue or concern. The stakeholders were solicited in several ways. The public health professionals were solicited directly by the Director of Health or his representative due to their knowledge and background in dealing with animals and their issues in the community. All other stakeholders were solicited through

either word of mouth in the community or through the general posting of a stakeholders meeting in public Township buildings such as the Woodbridge Animal Shelter, Woodbridge Public Health center and the Township web page soliciting input on the current status and issues related the outside cats. The last annual meeting was held on June 26, 2012. Measures of Success It is difficult to measure success for a program such as this in the short term. However, over the long term we expect to see several areas of improvement specifically at the Shelter intake numbers. When we began we expected to see a reduction in the number of trapped/stray cats brought to the Shelter YOY. We also expected to see a subsequent reduction in the number of euthanized cats at the Shelter as a result. The Shelter records show in the most recent calendar year period there is a reduction of cat surrenders of 50%, a reduction of stray cats of almost 15% and a reduction in cat euthanasia of more than 30%, year over year. As a contrast and a control, the number of dogs entering the shelter increased by 1% over the same period. Another measure of success is the number of cats neutered through the program during the year. Whiskers rescue has reported that over 300 outside cats have been neutered since the beginning of the program 1 ½ years ago.

PDF: COMPANIONANIMALMANAGEMENTPLEDG

Arts & Creative Culture

Creative Assets Inventory

10 Points

Program Summary: Creative Assets Inventory - Summary From January-June, 2007, Mayor John E. McCormac directed administrative staff to create and undertake a survey of the Woodbridge Township Arts community. Survey results were published in an October, 2007 Rutgers University report on ways to promote the Arts in Woodbridge Township (The Arts Community, Arts Village Development and Promotion of Arts in Woodbridge Township, compiled by Karen Lowrie, Ph.D. and Michael Frisch, Ph.D. of the National Center for Neighborhood and Brownfields Redevelopment at the Rutgers University Edward J. Bloustein School of Planning & Public Policy). The survey is continuously updated with new responses; soliciations are published in the Township’s quarterly WOODBRIDGE NEWS newsletter and the survey is posted on the Township web site.

PDF: CREATIVE ASSETS INVENTORY UPLOAD 1

PDF: CREATIVE ASSETS INVENTORY UPLOAD 2

PDF: CREATIVE ASSETS INVENTORY UPLOAD 3

Establish a Creative Team

10 Points

Program Summary: Establish Creative Team - Summary The Woodbridge Creative Team is known as Woodbridge Arts Alliance, Inc. and was established Feb. 10, 2012, receiving 501(c)(3) certification Feb. 28, 2013. The Alliance covers all of Woodbridge Township and is organized to provide Arts and Arts Education services to the residents of Woodbridge Township, New Jersey,

through public programs that develop, expand and promote community interest and appreciation of the Arts. Original board members include Caroline Ehrlich (Township Official/Green Team Member), Michele Charmello (Township Official/Green Team Member), Lawrence McCullough (Township Official/Artist), Elizabeth Amory (Educator/Artist), Ricki Cohn (Educator/Artist), Steven Dillon (Business Leader/Artist), Cynthia Knight (Township Official/Artist), Igor Roitburg (Business Leader), Isha Vyas (Arts Leader). The Alliance has an advisory committee consisting of approximately 20 Arts-involved Township residents including a sculptor, choral director, recording studio engineer, dance teacher, ceramicist, painter, digital animator, CD producer, photographer, graphic designer, jewelry maker, singer, poet, restaurant owner/chef and the Mayor's Chief of Staff and Township Grants Officer. Alliance by-laws are included in Upload 2.

PDF: ESTABLISH A CREATIVE TEAM UPLOAD 1

PDF: ESTABLISH A CREATIVE TEAM UPLOAD 2

Community Partnership & Outreach

Green Challenges

10 Points

Program Summary: Starting on April 18, 2009, Woodbridge Township commenced its "Green Challenge" campaign to residents. Special Green Challenge forms for target populations were developed and sent to schools, senior clubs and businesses. The Green Challenge form was published in Township newsletters, made available on the Township web site, placed in Township libraries and buildings and distributed at the Township's Earth Day events, free Township concerts and the weekly Farmers Market throughout the Spring and Summer. After the first four months, 1,700 forms were returned representing participation by 7,245 residents – 7.3% of the Township's 99,208 residents. The database with resident names and participation numbers is appended. The Green Challenge has continued each year through 2012, with forms continuing to be actively distributed at Township events, the Greenable Woodbridge Museum of the Future and with a special 2012 online survey at local schools. In 2012, we received Green Challenge pledges representing 996 households pledging anew to the Green Challenge. With the current Township household number at 34,615, the new pledges represent 2.8% of the total households pledging to Green Challenge.

PDF: GREENCHALLENGE-UP1

WORD: GREENCHALLENGE-UP2

Community Education & Outreach

10 Points

Program Summary: COMMUNITY OUTREACH & EDUCATION - SUMMARY Woodbridge Township's Community Outreach and Education activities during the 2012-13 span have been varied and numerous. The Township and its Green Team popularize a monthly Greenable Woodbridge Television Show hosted by Green Team chair Caroline Ehrlich. She broadcasts on Township public access and with web access workshops that involve ecological awareness activities including

Recyclable Arts & Crafts, and Recyclable Art Contests. The Township's annual April Youth Month schedule is heavily involved with Community Outreach and Education events: Earth Day Fair, special Earth Day programs at Main Library and branch libraries, the Barron Arts Center's annual "eARTh: Art Exhibit" that displays sustainability-themed artwork by Township high school students. A Dodge grant has enabled us to offer a variety of programs using the art to educate the public about sustainability.

PDF: COMMUNITY EDUCATION AND OUTREACH UPLOAD 1

Green Fair

10 Points

Program Summary: The Woodbridge Township Environmental Commission held its 11th annual Earth Day Fair April 21, 2012 at the Woodbridge Community Center. More than 400 attendees were on hand including members of the Municipal Council, Woodbridge Township Environmental Commission, environmental agencies, "green" businesses and Township residents. This year's Earth Day Fair included "green" displays by environmental companies and local businesses; free giveaways of tree seedlings, energy-saving light bulbs, flower seeds and other "green" items ; information on the importance of recycling; energy-saving seminars and information; and a special "Earth Day" program for children. In celebration of Arbor Day, the Environmental Commission too charge of the planting of 10 mature blossoming cherry trees along Community Center Drive. Each Arbor Day, the Environmental Commission plants trees along the drive to signify the important role trees play in keeping the Township environment clean and smog-free. Event Strengths: As evidence in the photos below, the fair attracted a great diversity of residents in terms of age and ethnicity; the vendors were uniformly excellent in providing relevant and useful information. Cooperation with the YMCA and having the event at the heavily-trafficked Woodbridge Community Center certainly boosted interest and attention. In terms of achieving the goal of increased public outreach, the event was a solid success. Event Challenges: Each year the Earth Day Fair has gotten larger; we would like to continue that growth. The primary challenge with the Earth Day Fair is to expand our offering of workshop speakers and children's programs. A second challenge is to make sure not only that we reach residents with the information that the Fair is occurring, but to let them know ways in which they can participate. Currently, Earth Day Fair is organized by the Township's Environmental Commission, but we would like to get several additional community groups to take a more active role in helping expand the event. Examples of publicity materials and news coverage attached in Uploads 1 & 2.

PDF: GREENFAIR-UP1

PDF: GREENFAIR-UP2

WORD: GREENFAIR-QA-UP3

Create Green Team

10 Points

Bronze Required

Program Summary: Over the last 12 months the Green Team has continued to initiate and sponsor a wide range of Sustainable activities spanning our core goal areas and action steps that are prescribed in the Woodbridge Sustainable Community Plan: Energy Conservation and Green Building; Transportation and Circulation; Water Management, Trees and Open Space; Green Purchasing, Recycling and Materials Management; Business Outreach; Resident Outreach. Special

focus this past year was placed on encouraging home energy audits, continuing to implement energy efficiency measures in municipal buildings and arts and sustainability programs. Next years priority programs will consist of creating a brownfields inventory and documentary, creating Green Neighborhood Groups, publicizing residential and business Clean Energy programs, creating more bike and walking paths and placing greenhouses in our schools to grow plants for the Raritan River Wetland Remediation and then plant them in the “Community Wetlands”.

PDF: **GREEN TEAM - UPLOAD 1**

PDF: **GREEN TEAM UPLOAD 2**

PDF: **GREEN TEAM - UPLOAD 3**

Diversity & Equity

Lead Education & Outreach Programs

10 Points

Program Summary: All Woodbridge Twp. Health Dept. Lead Education & Screening Programs are currently active. Education for childhood lead protection is provided at Annual Fall Mayor’s Health Expo, Annual Spring Public Health Day, Well baby visits at Health Clinic and Environmental Division response to resident’s questions. Hundreds of residents attend the annual Health Expo in the Fall and the annual Public Health day in the Spring. These events provide a good venue to present the public with valuable health information such as Childhood lead poisoning prevention information. In addition, we are able to reach and educate residents during Well Baby visits and with one-on-one interaction through the Environmental whenever residents have question or seek information about childhood lead poisoning. The Health Dept. Lead Safe Education Team consists of Director Dennis Green, Nursing Coordinator Nina Zimkus, Principal Health Inspector Vince Ciuffo, Chief Health Inspector Philip Bujalski, Health Educator Fern Kulman. Education efforts by the Township Health Department include intensive collaboration with Woodbridge Township School District and other Township schools to bring information about lead poisoning directly to 15,000 students and their families, encouraging them to participate in free screenings and increasing their knowledge about lead poisoning identification. Health Department workers do followup monitoring throughout the year; all Township childcare, Head Start and dayschool facilities are included.

PDF: **LEAD EDUCATION OUTREACH-UP1**

PDF: **LEAD EDUCATION OUTREACH-UP2**

Diversity on Boards & Commissions

10 Points

Program Summary: ** no update needed, accomplished in 2011 ** In 2011, a committee was selected, then convened. A survey was sent out, results tallied and a Diversity Profile created. Report with strategies, recommendations, list of findings written, submitted to Woodbridge Mayor, Woodbridge Town Council. Resolution prepared, submitted to Council, passed by Council. Diversity Review Committee Members: Amy Genty-Resident/Mother; Audrey Hall-Secretary of

Independent Club of Colonia/Resident; Legna Rivera-Resident/Military Wife/Mother; Daniel Harris-Legislative Director of Assemblyman Coughlin/Resident; Kathy Chang-Local Reporter; Nicholas Joseph-College Student/Resident. Committee was selected by Municipal Alliance Director Shirley Genty for variety in age, gender, ethnicity.

WORD: DIVERSITY-UP1

WORD: DIVERSITY-UP2

Energy

Energy Tracking & Management

10 Points

Bronze Priority Silver Priority

Program Summary: The requested connection with Sustainable Jersey Master Energy Star Portfolio Manager account has been completed – please see Upload 2. Energy usage data for Woodbridge Township municipal facilities were compiled by using the FacilityDude Facility Management Software. It will be reviewed by the Township's Office of Sustainability and analyzed to see if the Township is achieving its energy usage goals contained in the Township's Sustainable Community Plan and Climate Action Plan, recently updated in April, 2012. The Energy Tracking data will allow the Township to target higher priorities.

EXCEL: ENERGYTRACKING-UP1

WORD: ENERGYTRACKING-UP2

Municipal Onsite Solar System

10 Points

Program Summary: ** no update needed, program ongoing ** In 2008, Woodbridge Township received $2.4 million in rebate funding from the New Jersey Board of Public Utilities to install energy-producing solar panels at 6 municipal buildings. The $7 million overall project is geared to save long-term energy costs by putting into place self-sustaining solar energy — energy that will provide a portion of the Township's power needs for many years. FULL SUMMARY is contained in the attached file SolarEnergy-Summary.pdf

PDF: SOLAR ENERGY SUMMARY

Purchase Alternative Fuel Vehicles

10 Points

Program Summary: Now in its fifth year, the hybrid vehicle program has demonstrated that our Public Works vehicles are operating with better mileage and better efficiency, thus delivering real

cost savings to the municipal budget. In 2007, Woodbridge purchased a dozen Ford Escape hybrids for its Code Enforcement Division after a one-year trial of a single hybrid car proved its cost effectiveness. The Department of Public Works purchased six municipal vehicles (small trucks and SUVs), two Ford International dump trucks, and two Crane Carrier garbage trucks for the biodiesel pilot program. The township also purchased 12 environmentally-friendly Ford Escape hybrid vehicles to supplement the municipal fleet. The 2007 Ford Escape hybrids cost $25,576 each and are estimated by the manufacturer to get over 36 miles per gallon. The township also reduced the purchase price of the Hybrid vehicles by more than $48,000 through state and county rebates totaling more than $4,000 per vehicle. The Department of Public Works will also receive rebates on the purchase of biodiesel fuel through state and county rebate programs.

PDF: **PURCHASEALTVEHICLES-UP1**

Fleet Inventory

10 Points

Bronze Priority Silver Priority

Program Summary: Attached is our latest and current fleet inventory sheet of the Township's 338 vehicles, a number larger in comparison to 2011. The Township of Woodbridge is dedicated to the concept of utilizing the policies of Green Driver Training as one of its best management practices. These Driver Training policies have resulted in realizing a considerable reduction in fuel consumption One specific target: automated sanitation trucks have cut the weekly routes down from 20 to 14, which is a 30% reduction in routes, consequently saving on fuel. Second specific target: there has been a 21% decrease in the amount of fuel used by the Sanitation Department between 2008 through 2011. Future purchases of vehicles of which are more fuel efficient in our immediate plan. The Route Smart software is also creating a more efficient method of trash pick-up. Additionally, our salt spreaders are converting to electric as compared to gasoline, which will also save fuel. Evaluation: There are more changes of this type to come in the future, as this is clearly our goal to increase fuel efficiency in all vehicles. Strategies for improvement: increase conversion to biodiesel fuel and maintain an emissions monitoring program to measure the drop in hydrocarbon emissions from vehicles fueled with biodiesel.

EXCEL: **GREENFLEET INVENTORY-UP1**

WORD: **GREENFLEET INVENTORY-UP2**

Food

Community Gardens

10 Points

Program Summary: In the spring of 2011, the Woodbridge Environmental Commission (a commission of Woodbridge Township Municipal Government) in conjunction with the Woodbridge Green Team embarked on the first Woodbridge Township Community Garden. In 2012 the Garden was expanded with continued support from the Township, Green Team and a new municipal partner – the Woodbridge Community Center. Working with the Woodbridge Township Public Works Department, we found a perfect location located at a piece of Township property known at

“Parker Press.” Once the location had been set, we worked with the Parks Department to build two garden beds. The beds are 8 x 10 feet in size, and 12 inches deep. We had a small chicken wire fence built around to keep out rabbits and such. The Township also supplied us with 100 percent organic soil and mulch. Two garden beds were added this year at Parker Press Park. The Woodbridge Environmental Commission is maintaining the two center beds planted with tomato, eggplant, green bell pepper and zucchini. The Commission has installed soaker hoses and is rotating a water schedule on a weekly basis between members. The two outer beds have been planted and are being maintained by the Woodbridge Community Center. We used an all-volunteer team to plant zucchini, eggplant, cucumbers, peppers, and tomatoes. The goal of this community garden is to grow fresh organic food that will be served as healthy food to the less fortunate of our township. Our expenses were $400 for the season and we have donated over 200 lbs. of vegetables to food pantries. Next Year, we plan to continue expansion at Parker Press, plant and harvest more crops along with finding additional municipal and/or school sites and establish community gardens there.

PDF: **COMMUNITY OR SCHOOL GARDENS DOCUMENTATION**

Farmers Markets

10 Points

Program Summary: 2013 FARMERS MARKET – SUMMARY Following a successful 2012 season last year, the Woodbridge Wednesday Farmers Market will be in its 7th year beginning in June 2013. As in 2012, the market will be held in the heart of downtown Woodbridge at Parker Press Park every Wednesday from 3:00-8:30 p.m. In 2013 it runs June 19-Sept. 25. The municipal government will again organize and publicize and provide financial backing and volunteer staff support for the Market. The 2013 Woodbridge Farmers Market vendors will include both previous vendors and new vendors for the year: 1 farmer, 1 pickle vendor, 1 homemade soap vendor, 1 knife sharpener, 1 barbecue vendor, 1 homemade pasta vendor, 1 bakery, 1 micro-brew beer vendor. Last year we introduced a beer and wine garden featuring a local brewery. They will be present again for the market each week. Each vendor pays $300 for the full season. The money is used toward advertising including flyers, t-shirts, banners Thus, the total income received was spent on flyers, t-shirts and banners that promote the Woodbridge Farmers Market. What works: the market continues to grow and was partnered with live musical entertainment throughout the Summer to bring in additional customers. We also give out Buy local canvas bags each week for shoppers. The market is also host to free Yoga classes offered by a local Yoga Studio. What could be improved: more regular ongoing publicity across the Township and Central Jersey, more vendors, increased publicity. Steps for next season: we are seeking more vendors to add variety and more funding for increasing publicity.

PDF: **FARMERS MARKETS UPLOAD 1**

Buy Fresh Buy Local Programs

10 Points

Program Summary: 2013 BUY FRESH, BUY LOCAL – SUMMARY Throughout the year the Township Greenable Woodbridge website has a link to local supermarkets that sell locally grown produce. We highlight the buy fresh, buy local – jersey produce program and healthy eating through event with the Wellness Committee and in coordination with our Farmers Market. The Mayors Wellness Committee and the State Mayors Wellness Campaign hosted a Healthy Cook-Off

Challenge at Wegmans on May 15th, 2013 featuring five guest celebrity business chefs paired up with a Wegmans Chef. The highlighted ingredient that all contestants were required to work with was Jersey Fresh asparagus. The dishes were all prepared around the asparagus and were designed to highlight that fresh ingredient. Outreach for this event included cross promotion with the State Wellness Campaign, press releases, an article in the Woodbridge ENews, an article on the Woodbridge Patch, and a special television show on local access channel TV 35. At each weekly Woodbridge Farmers Market in both 2012 and again this year in 2013, local restaurants were challenged to create a special Market Menu highlighting different items available at the market. One example of this special promotion is the August “Peach Party”. On Aug. 7, 2013, the Woodbridge Farmers Market (operated by Woodbridge Township) will hold its annual “Peach Party” in partnership with the NJ Peach Promotion Council at the weekly Woodbridge Farmers Market. Local restaurant Mulberry Street provides peach desserts and volunteer staff with peach recipes. All local restaurants were alerted to the event and urged to highlight peaches in their offerings that week. Special children’s recreation activities were offered, along with a special free concert at the Farmers Market. The Aug. 7 event is listed in the NJ Peach Promotion Council calendar; peach recipes were printed and distributed to attendees.

PDF: **BUY FRESH BUY LOCAL UPLOAD 1**

PDF: **BUY FRESH BUY LOCAL UPLOAD 2**

Green Design

Green Building Policy/Resolution

5 Points

Program Summary: ** no update needed** GREEN DESIGN-COMMERCIAL/RESIDENTIAL-1 Green Design Policy Ordinance attached This resolution was distributed to all department and division heads - see Upload 2

WORD: **POLICY GREEN DESIGN**

PDF: **GREENBUILDINGPOLICY-UP2**

Green Building Training

5 Points

Program Summary: The two candidates, Chris Kesici and Eric Griffith, took an online course at Affordable Green Academy and completed the following courses for this year. Principles and Goals The House as a System

PDF: **GREEN BUILDING TRAINING UPLOAD 2**

Upgrade/Retrofit-Water Conservation

10 Points

Program Summary: The Woodbridge Township municipal government assisted Woodbridge Housing Authority in incorporating energy conservation upgrades into the Woodbridge Township senior apartments throughout the Township. The first water conservation upgrade begin in 2012 and was completed in 2013 at the Cooper Towers facility undergoing complete unit renovations. This was part of a complete upgrade for the ongoing “Aging in Place” program managed by Woodbridge Township municipal government and contracted with has contracted with Constellation Energy of St. Petersburg, FL. Installation of water conservation elements (from Constellation upgrades) were made in each of the 75 apartments as follows: Aerators Kitchen sinks were being installed with 1.5 GPM aerators by Niagra. Model #N3215FTP Bathroom sinks were being installed with 1.0 GPM aerators by Niagra. Model #N3210FTP Shower Heads Walk in showers were being installed with 1.5 GPM hand held shower heads by Niagra. Model #N2945CH The showers were also installed with 1.5 stationary shower heads by Niagra. Model #N2915CH Toilets 1.1 GPF pressure assisted toilets by American Standard were being installed. Model #3483.001 for the bowl and Model #4142.100 for the tanks. These toilets were installed in the 2 first floor public restrooms.

PDF: **UPGRADE/RETROFIT-WATER CONSERVATION UPLOAD 1**

PDF: **UPGRADE/RETROFIT-WATER CONSERVATION UPLOAD 2**

Construction Waste Recycling

10 Points

Program Summary: ** no update needed, accomplished in 2011 ** Summary of Impacts of Construction and Demolition Waste Recycling Policy - The policy is distributed during each Technical Review Committee meeting for development applications; - The policy is handed out with Zoning Permit applications which accompany most building permit applications - The Township has established a relationship with local recyclers where we give them information about construction projects and they contact contractors to recycle their debris. - We’ve hung large posters in our conference rooms and public areas which inform about our recycling policy. ---
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Concrete/Asphalt/Brick from Woodbridge Township Public Works that was documented and reported to DEP: 2007 – 99,304 Tons 2008 – 119,497 Tons 2009 - 50,557 Tons 2010 - 56,340 Tons Decreased numbers of Construction and Demolition Waste may be because of the decline of the construction industry in Woodbridge and New Jersey due to the condition of the economy.

PDF: **GREENBUILDINGPOLICYORDINANCE-U**

WORD: **C&D ORDINANCE-UP2**

Green Building Education

5 Points

Program Summary: In upload 1 is a copy of a publication the Township makes available to the public: a 142-page Information & Resources Handbook written and published by Woodbridge Township Dept. of Planning & Development that contains “green design” information on the following topics: • Energy Conservation • Fuel Efficiency • General Green Practices • Green

Building for Home and Business • Landscaping Ideas • Recycling Tips • Tax Credits • Waster Management • Water Management This publication is available through the Dept. of Planning & Development as well as at the Township's Building Permit Office as well as on the Township website for free downloading. It is updated frequently. Also attached is a copy of the Township's Green Building Scorecard/Checklist.

PDF: **GREENINFORESOURCES BOOK-UP1**

PDF: **GREENBLDGEDUCATION-UP2**

Site Plan Green Design Standards

20 Points

Program Summary: ** no update needed, accomplished in 2009 ** GREEN DESIGN-COMMERCIAL/RESIDENTIAL-3 Green Design Checklist examples of use attached, along with ordinance

PDF: **GREEN BLDG CHECKLIST ORDINANCE**

PDF: **CHECKLIST SUMMARY**

Create a Green Development Checklist

10 Points

Program Summary: GREEN DESIGN-COMMERCIAL/RESIDENTIAL-2 Green Building Scorecard and Recertification Requirements Questionnaire attached.

PDF: **CREATE A GREEN DEVELOPMENT CHECKLIST UPLOAD 1**

PDF: **RECERTIFICATION REQUIREMENTS QUESTIONNAIRE UPLOAD 2**

PDF: **CREATE A GREEN DEVELOPMENT CHECKLIST UPLOAD 3**

PDF: **CREATE A GREEN DEVELOPMENT CHECKLIST UPLOAD 4**

Health & Wellness

Building Healthier Communities

20 Points

Program Summary: 2013 HEALTHIER COMMUNITIES – SUMMARY Woodbridge Township held the following Healthier Communities and Wellness Events Sept. 2012-July 2013: September 2, 2012: 17th Annual Crossroads of NJ-5k & 10k Race September 7, 8, & 9, 2012: Senior Olympics September 30, 2012: 3rd Annual Tour de Woodbridge October 3, 2012: Walk Your Child to School Day October 3, 2012: Walking Track Dedication at School #21 October 19, 2012: Annual Taste of Woodbridge October 20, 2012: Woodbridge Township Health Fair January 1, 2013-February 14,

2013: Have a Heart Food Drive February 1, 2013 – Go Red: Heart Health Awareness March 16, 2013 – Free Sports Medicine Symposium April 7-June 25, 2013: Mayor's Spring Into Shape Challenge April 13, 2013: Public Health Day at Health Dept. April 24, 2013: Senior Program – Senior Summit & Active Older Adults Day May 4, 2013: Women's Wellness Day at YMCA\ May 8, 2013: Senior Program – Senior Summit II "Ask a Physical Therapist" May 13-May 17, 2013: National Bike to Work Week May 15, 2013 – Mayors Healthy Cook-Off at Wegman's June 8-9, 2013: Relay for Life June 19, 2013-September 25, 2013: Farmers Market June 19, 2012 – Free Beginners Yoga at the Farmers Market July 10, 2013: Run for Pizza July 17, 2013: Free Beginners Meditation Class at the Farmers Market

PDF: BUILDING HEALTHIER COMMUNITIES UPLOAD 1

PDF: BUILDING HEALTHIER COMMUNITIES UPLOAD 2

Safe Routes to School

10 Points

Program Summary: Safe Routes to School – Summary During the 2012-2013 school year, Woodbridge Township municipal government continued to work with Woodbridge Township School District and the nonprofits Keep Middlesex Moving, Inc. and YMCA-Metuchen-Edison-Woodbridge-South Amboy to incorporate Safe Routes to School programs in our local elementary schools and expand on the program by incorporating it into new schools within the district. Planning meetings were held with the principals to discuss each school's individual needs and ways to get the parent support. The team also met with School Board Administration to go talk about getting more schools involved in starting up their own Safe Routes Program. Throughout the school year there were meetings with the parents and PTOs to address their questions and safety concerns.

PDF: SAFE ROUTES TO SCHOOL UPLOAD 1

PDF: SAFE ROUTES TO SCHOOL UPLOAD 2

PDF: SAFE ROUTES TO SCHOOL UPLOAD 3

Anti-Idling Education & Enforcement Program

10 Points

Program Summary: Woodbridge Township Mayor's Office, Woodbridge Township School District, Woodbridge Township Environmental Commission and Woodbridge Township Health Department have partnered to create an Anti-Idling Campaign. The campaign implemented a "No Idling Zone" education program at elementary, middle and high schools – locations where hundreds of car and bus engines idle daily as children are picked up and/or dropped off. Stopping unnecessary vehicle idling helps improve air quality and respiratory health in our communities, starting with the children who breathe the excess exhaust as they come and go from school. The Woodbridge Township Anti-Idling program is an outgrowth of the several programs initiated over the last few years to encourage children to walk to school, including receiving grants from Keep Middlesex Moving, Middlesex County and State of New Jersey to improve sidewalks and crosswalks near schools. The project has two goals: (1) educate drivers about the state's anti-idling law and encourage them to comply, especially near schools; (2) teach students how to become actively involved in disseminating information about environmental issues that affect them and their families. The project consists of four parts: (1) mounting No Idling Zone signs at the

pickup/dropoff locations at each of the Township's public schools; (2) printing and distributing a series of No Idling informational flyers for each of the approximately 14,000 students in the district to take home; (3) having members of the Woodbridge Township Environmental Commission visit schools and speak to students about basic air quality issues; (4) hosting a poster design contest with students in each school encouraged to create anti-idling posters to be displayed at the school (selected posters will be displayed at Woodbridge Community Center). Submit at least three of the following: 1) We do not a need a formal resolution, because we follow the state laws: N.J.A.C. 7:27-14 (for diesel vehicles) and N.J.A.C. 7:27-15 (for gasoline vehicles). 2) "No Idling" signs have been posted at priority anti-idling locations. DONE 3) An enforcement plan was created for priority anti-idling locations in the community to reinforce the existing DEP regulations on anti-idling. DONE 4) Educational materials were produced and distribute to residents and businesses via public service announcements, newsletters, websites, educational materials, etc. and at the Greenable Woodbridge Museum of the Future located in Woodbridge Center Mall. The Mayor's Office has worked with others to educate residents about the policy, including school administrators, businesses and the police, who have been tasked with issuing initial warnings and citations for multiple offenders. DONE 5) Monitor, evaluate and report on your efforts by keeping track of outreach efforts and the number of warnings or tickets, and observe target locations for improved compliance.

PDF: **ANTI-IDLING-UP1**

PDF: **ANTI-IDLING-UP2**

PDF: **ANTI-IDLING-UP3**

Innovative Projects

Innovative Community Project 1

10 Points

Program Summary: The Innovative Demonstration Projects Woodbridge Township created within SJ's 5-year window of eligibility are ongoing. 1) Live Where You Work 2) Woodbridge Energy Consortium 3) Green Technology Park 4) Pilot Site for Vehicle Electrification 5) And in 2012, the Woodbridge Township Redevelopment Agency and the Greenable Woodbridge program created a 39-page "Greenable Woodbridge Prosperity Plan" that details a strategy for Sustainability and the Economy in Woodbridge Township. Information provided on each project in attached Uploads.

PDF: **OTHER1-INNOVATIVE-UP1**

PDF: **OTHER1-INNOVATIVE-UP2**

Innovative Community Project 2

10 Points

Program Summary: During 2011-12 Woodbridge Township continued its long-standing Arts & Sustainability effort by incorporating local artists and arts resources into a Township-wide initiative using several coordinated community-based arts/sustainability projects to promote and achieve the Township's sustainability objectives and develop sustainability as a means of artistic

endeavor and communication among Woodbridge artists. Ongoing Arts & Sustainability projects include the Ten Towns Sculpture Project, Eco-Rhythms Jam Sessions at Greenable Woodbridge Museum of the Future, Green Playwriting Workshops, Lisa Bagwell and Linda Coughlin Recyclable Art Exhibit & Workshops at Barron Arts Center, a Recycled Mosaic Tile Mural Project at Woodbridge Artisan Guild, Downtown Greenable Woodbridge Art Path. In 2012 the Township and its newly formed 501c3 “Friends of Greenable Woodbridge” received a $7,500 Geraldine R. Dodge Foundation grant to expand the AWE (the Arts from Waste Experience) Program that teaches students how to create art from recycled materials. On April 22, 2012, New York Environmental Artist Ken Cro-Ken came to the Greenable Woodbridge Museum of the Future and gave a workshop in Recycled Art Painting. Our Arts and Sustainability projects have received grants from Middlesex County Cultural & Heritage Commission, Bayshore Recycling, HSBC and Geraldine R. Dodge Foundation.

WORD: **OTHER2-SCOPES-UP1**

WORD: **OTHER2-PRINCIPLES-UP2**

PDF: **OTHER2-EXAMPLES-UP3.PDF**

Land Use & Transportation

Green Building & Environmental Sustainability Element

10 Points

Program Summary: The Township of Woodbridge has prepared a Green Building and Environmental Sustainability Element as an amendment to the Township Master Plan in accordance with the N.J. M.L.U.L. It was adopted by the Woodbridge Township Planning Board on July 25, 2012. The 2012 Green Buildings and Sustainability Plan Element is an update to the 2009 Green Buildings and Sustainability Plan Element. Since 2009, the Township has promoted sustainability and taken actions to protect the environment in the areas of energy-efficient buildings, sustainable land use, public education and recycling. The Township has made municipal buildings more energy efficient. In January 2009, an energy audit of numerous township buildings was completed, which resulted in the installation of motion sensitive light switches in municipal buildings. The Township also continued to install solar panels at public schools. The Township has conserved land and promoted development in appropriate places. The Township successfully protected 104 acres of open space by obtaining Green Acres funding to purchase the development rights of the Colonia Country Club. The Township also used an open space grant to purchase and protect a smaller five-acre parcel. Under the zoning of the Main Street Transit Village Plan, a new 24-unit apartment complex was constructed in the downtown. Working with developers and the NJDEP, the Township led the remediation and redevelopment of over 100 acres of brownfields and prepared a plan for a future Raritan River Walk. The Township provides educational materials to the public and has seen increased recycling. A recourse center is available to the public to learn about incentives and rebates for using green building techniques and energy-efficient appliances. Notably, building permit records show a dramatic increase in residential solar panel installations. Recycling figures have continued to increase in township recycling, as residents and contractors dispose of waste more responsibly. The Township has gone to a single-stream recycling system for residents and directs contractors to recycle construction waste. Since 2009, Woodbridge Township’s greatest sustainability accomplishments have been in the areas of energy-efficient buildings, sustainable land use, public education, and recycling.

PDF: **SUSTAINABILITY ELEMENT-UP1**

PDF: SUSTAINABILITY ELEMENT-UP2

Sustainable Land Use Pledge

10 Points

Bronze Priority Silver Priority

Program Summary: ** no update needed ** The Sustainable Land Use Pledge was developed by the Sustainable Land Use Pledge & Master Plan Element & Sustainable Community Plan sub-committee of the Woodbridge Township Green Team through a series of meetings with input invited from the public. FULL SUMMARY is contained in the attached file Land Use Pledge-Summary.pdf

PDF: LAND USE PLEDGE SUMMARY

Local Economies

Green Jobs/Economic Development

10 Points

Program Summary: The Woodbridge Innovation Network (WIN) green business incubator program was created to attract green companies, particularly early stage high potential companies to Woodbridge. These new companies would expand the green economy, provide ecologically friendly products and services, provide green job training and demonstrate the Townships commitment to economic growth AND improving the environment. Through a rigorous RFP process, a very experienced team of consultants was engaged to develop a green business incubator which would attract new green businesses and jobs to Woodbridge as well as assist Woodbridge residents and current businesses “go green.” Furnished space within the municipal building was dedicated to the business incubator and used as office space for companies, a general meeting place for green entrepreneurs and a training center. One of the first companies drawn to WIN was Ciel Power a very early stage energy auditing and efficiency company. Working with the mayor and staff, Ciel Power sent out information on their services to every residence in Woodbridge Township and WIN was off to a great start. In less than six months, the first new company at the incubator had provided in over 600 energy audits in the Township. Many remediation contracts resulted. The WIN team is actively engaged in identifying new potential companies, especially those that have the potential to train the unemployed or underemployed for green jobs. The WIN team works closely with the Township, DEP, surrounding schools and correction facilities to assist green companies grow. Woodbridge has provided the WIN team with a multitude of introductions throughout the city government and the business community which has expedited evaluation of a company’s potential to meet required regulations, find a suitable location to create a green manufacturing facility and find markets for their products and services. The creation of the Woodbridge Innovation Network has been a win/win for the environment, green job creation and the entrepreneurial companies Woodbridge

PDF: GREEN JOBS/ECONOMIC UPLOAD 1

PDF: GREEN JOBS/ECONOMIC UPLOAD 2

Green Business Recognition Program

10 Points

Program Summary: Green Business Recognition Program – SUMMARY Each year Woodbridge Township challenges the businesses to take our Green Business Challenge Checklist. There are three levels they can meet – green, greener, and emerald status. All participants are given a green business decal for their store windows. This year we also expanded to target childcare facilities and day cares. Our Health Department has created a survey and checklist to document the green practices of the childcare facilities in the Township. These are all direct mailed to the businesses. They also receive recognition for their efforts by receiving certificates from the Mayor and Health Department Director. The Green Restaurant, Business, and Office Competition is also listed on the Greenable Woodbridge Township Homepage for businesses to complete. The marketing and outreach to participate in the program is through door to door business visits by our Green Ambassador Student Team informing businesses about the challenge and the benefits of being green. We also put the challenge checklist on our Greenable Woodbride homepage and in our quarterly magazine, The Woodbridge News.

PDF: **GREEN BUSINESS RECOGNITION UPLOAD 1**

PDF: **GREEN BUSINESS RECOGNITION UPLOAD 2**

Support Local Businesses

10 Points

Program Summary: 2013 Support Local Businesses – Summary Buy Local Contractor List on website: http://twp.woodbridge.nj.us/LinkClick.aspx?fileticket=o1awaEuTm0g%3d&tabid=762 Woodbridge expanded its Local Business Directory on its website: http://twp.woodbridge.nj.us/Green/BuyLocalDirectory/tabid/765/Default.aspx Continuing from 2012 as part of the Township's ongoing Support Local Business Campaign, Woodbridge Township and the local business communities worked together on the Buy Local campaign by creating discounts when customers use the Buy Local clip out Card and copies were printed in the Woodbridge News and posted online for residents to print and clip. They are have been distributed for FREE at dozens of community events and retail outlets. We also expanded and added to the link on the Greenable Woodbridge Buy Local website highlighting businesses located in the community. The website not only showcases businesses in town for residents use and reference but also lists vendors and contractors in the community that other local businesses may patronize or utilize. The annual "Downtown Holiday Stroll" took place in November 2012 and brought several hundred people to downtown Woodbridge shops; the annual "Taste of Woodbridge" took place in October 2012 featuring local restaurants. Oak Tree Road, Iselin also hosted a Shopping Festival over a weekend in May 2013, which drew thousands of people to the street for festivities and local shopping. Businesses participated by offering tons of discounts and savings over the two days. Local businesses also participate as vendors at various street fairs, the holiday parade, farmers market, and through various sponsorships. The Mayors Advocacy Committee for Education is an active group of business representatives who work with the school board. They coordinate Principal for the Day, where managers and leaders act as a Principal and interactive with students. On May 17th the Township also worked with the School District to cohost a Career Fair for all three high school senior students and local businesses.

PDF: **SUPPORT LOCAL BUSINESSES UPLOAD 1**

PDF: **SUPPORT LOCAL BUSINESSES UPLOAD 2**

Buy Local Campaign

10 Points

Program Summary: 2013 Buy Local – WOODBRIDGE TOWNSHIP - Summary _____ The Woodbridge Township Buy Local Campaign added the Oak Tree Road Special Improvement District to its purview. As in every year since its establishment in 2009, the Buy Local Campaign distributed Buy Local counter cards have been printed and distributed to retail outlets throughout the Township, Buy Local street banners were prepared and hung in all Township business districts, Buy Local letters were sent to Woodbridge Township merchants informing them of the campaign and suggesting ways in which they might participate, Buy Local Membership Cards were distributed to thousands of people at Township events, PSA announcements were issued on the Township's TV-35/36 channels, website, newsletter and various resident flyers, a special portion of the Township website was devoted to Buy Local. This year the Township decided rather than holding a "Buy Local Week" to really push the buy local initiative all year long. The Holiday Stroll down Main Street was held on Small Business Saturday in November to kick off the holiday shopping season and bring shoppers down to Main Street for a fun, free event promoting the local businesses. The plan was to saturate the market so township residents start to think Buy Local and see it advertising for the campaign in various forms. The Mayor and Chamber of Commerce Director also attend multiple ribbon cuttings throughout the year to highlight new business coming to Woodbridge Township. This year we also handed out Buy Local – Greenable Woodbridge canvas bags to shoppers at different events such as the Taste of Colonia, St. Patricks Day Parade, and the Farmers Market. Another new promotional poster was designed to highlight the business owners and why they enjoy owning or working in the community.

PDF: **BUY LOCAL CAMPAIGN UPLOAD 1**

PDF: **BUY LOCAL CAMPAIGN UPLOAD 2**

Natural Resources

Natural Resource Inventory

20 Points

Bronze Priority Silver Priority

Program Summary: ** no update needed, accomplished in 2008 ** Woodbridge Township published its Environmental Resource Inventory in 2008. It is attached as file Woodbridge EnvResourceInventory-2008.pdf * Reviewer Note: "Please provide documentation that the ERI has been incorporated into the Township's Master Plan." Documentation provided in revised Upload 1

PDF: **EC-LETTER ON ERI-SJ-2012 UPDAT**

PDF: **WB ERI-NRI**

PDF: **ENVIRONMENTAL SUSTAINABILITY B**

Open Space Plans

10 Points

Program Summary: ** no update needed, accomplished in 2009 ** The Open Space Plan was a part of the Township Master Plan revised and adopted in December, 2009. It was developed as part of the Sustainable Land Use Pledge & Master Plan Element & Sustainable Community Plan sub-committee of the Woodbridge Township Green Team. During an 18-month period in 2008 and 2009, 3 stakeholder meetings and 2 visioning meetings were held by the Township to invite public discussion from residents, business owners and professionals in the field. Comments were supportive, and many suggestions were incorporated into the final document. The proposal was reviewed by the Woodbridge Township Dept. of Planning and Development and Woodbridge Township Planning Board; Planning Board meetings were public. Woodbridge Township Open Space Plan and Inventory attached. 1. Submit a current Open Space Plan complete with the 10 items listed in the What to Do section. The Woodbridge Township Open Space Plan section of the Master Plan was published in 2009. It is current. And it is submitted here as an attached PDF -- again. 2. Document that an OSRP has been approved by the NJDEP's Green Acres program within the last 6 years and/or its update has been approved accordingly every 6 years with the municipality's Master Plan re-examination. WE HAVE NOT SUBMITTED our OSRP plan to Green Acres.

PDF: **OPEN SPACE INVENTORY**

PDF: **WOODBRIDGE OPEN SPACE PLAN**

Environmental Commission

10 Points

Program Summary: The Woodbridge Township Environmental Commission has been in existence since 1973. Establishing ordinance submitted in upload 1. Upload 2 contains the 2012-2013 report. The Woodbridge Township's Environmental Commission prides itself on taking an active role in our community. We have programs that have showed great progress like our annual Earth Day event, and we take on new programs like the Community Garden. We consistently look to see what works and improve on aspects of the community that need work. The Environmental Commission meetings are open to the public and provide a resource for the community to discuss environmental concerns in the neighborhood and community.

PDF: **ENVIRONMENTAL COMMISSION UPLOAD 1**

PDF: **ENVIRONMENTAL COMMISSION UPLOAD 2**

Tree Maintenance Programs

10 Points

Program Summary: During 2011, the Dept. of Public Works removed 710 trees and trimmed 303 trees in the Township. Annual Budget: Operating $25,000; Payroll $920,000; Equipment Repairs $30,000; Disposal $50,000. Total: $1,025,000.00. A second Tree Maintenance Crew was added. More than 120 trees were planted throughout the Township. Attached in Upload 1 is the Tree Maintenance Project Report for 2011.

PDF: TREE MAINTENANCE-UP1

Tree Planting Programs

10 Points

Program Summary: ** no update needed, accomplished in 2010 ** This past year Woodbridge Township Dept. of Public Works, Parks Division, planted 128 trees at 23 locations. See uploads for full documentation.

WORD: TREE PLANTING-UP1

PDF: TREE PLANTING PHOTOS-UP2

Community Forestry Management Plan & NJUCF Accreditation

20 Points

Program Summary: Woodbridge Township has had a Community Forestry Plan since 2007 and a Tree Cover Goal since 2009. We receive annual Approved Status from NJ Community Forestry Plan. 1. Attached is a copy of “Tree Canopy Goal” adopted by the Woodbridge Township Environmental Commission at its meeting of Sept. 10, 2009. See Upload 1 2. Attached is a copy of the "End of Year Status Report." See Upload 2

PDF: COMMUNITY FORESTRY PLAN AND CANOPY GOAL UPLOAD-1

PDF: COMMUNITY FORESTRY PLAN END OF YEAR STATUS REPORT UPLOAD -2

Tree Protection Ordinance

10 Points

Program Summary: ** no update needed ** Tree Protection ordinance.

PDF: TREE PROTECTION ORDINANCE

Habitat Conservation Ordinance

10 Points

Program Summary: On Aug. 7, 2012, Woodbridge Township Council passed a Habitat Conservation Ordinance – see upload 1

PDF: HABITAT ORDINANCE-UP1

PDF: HABITAT ORDINANCE-UP2

Operations & Maintenance

Recycled Materials & Composting

10 Points

Program Summary: The Township has an extensive leaf recycling program from October through December; the leaves are recycled into compost. This year our Public Works Dept. picked up four containers of leaf-dumping compost at the Cranbury Road Middlesex County facility; half was utilized by Public Works at various parks and half was given to our residents at our Public Works Keasbey facility. A copy of the Township's Green Grounds and Maintenance Policy and Resolution is appended.

PDF: RECYCLED MATERIALS AND COMPOSTING UPLOAD 1

PDF: RECYCLED MATERIALS AND COMPOSTING UPLOAD 2

PDF: RECYCLED MATERIALS AND COMPOSTING UPLOAD 3

Integrated Pest Management *Retires 12/31/23*

10 Points

Program Summary: The prerequisite Green Grounds and Maintenance Policy has been adopted. The Township of Woodbridge's Department of Public Works and Parks supports the following practices in Integrated Pest Management: • use only organic fertilizers and pesticides • adhere to a frequent timely schedule for mowing and grounds maintenance • adhere to a seeding and aeration program in the Spring and Fall • provide timely collection of trash at municipal parks and buildings • keep tree branches and shrubbery well maintained and away from buildings • ensure roofs are repaired in a timely manner as to not attract insects to deteriorating wood

WORD: INTEGRATEDPEST-POLICY-RESO-UP1

WORD: INTEGRATEDPEST-PLAN-UP2

PDF: INTEGRATEDPEST-PLAN-UP3

Efficient Landscape Design *Retires 12/31/23*

10 Points

Program Summary: ** no update needed ** Woodbridge Township Dept. of Public Works engages in numerous Efficient Landscape Design practices. The DPW has created several Wildflower Gardens throughout the Townships and involved local high school students in a Sustainability Summer Project. In order to cut down on small, difficult areas of grass cutting in the township, the Parks Department dug up 9 different areas and planted wildflowers with mulch. These areas no longer have to receive a weekly use of gas machinery and man power to maintain; with a little mulch they are sustaining themselves and thriving under extreme weather

conditions. The Parks employees were aided by a dozen students from the Mayor’s Youth Leadership Council.

WORD: **EFFICIENT LANDSCAPE-UP1**

PDF: **EFFICIENT LANDSCAPE-UP2**

Green Grounds & Maintenance Policy

10 Points

Program Summary: In August, 2009, a Green Grounds & Maintenance Policy was adopted by Council (uploads 1, 2) and has been distributed to all Department and Division heads, highlighted in their weekly staff meeting agenda, posted to the Township website. A reminder memo to Division and Department heads was sent out in August, 2009. (upload 3)

PDF: **GREENGROUNDS POLICY-UP1**

PDF: **GREENGROUNDS RESOLUTION-UP2**

PDF: **GREENGROUNDS-UP3**

Green Maintenance Equipment & Materials

10 Points

Program Summary: The Township of Woodbridge is committed to its green purchasing practices and continues to find new areas of operation to paint “green.” The centralized purchasing office works cooperatively with divisions and departments, who request cleaning products for our municipal buildings. We collectively select products which are both effective cleaners and environmentally safe. The Township’s green cleaning products are important to the health and safety of our constituents, as well as to the maintenance of public buildings. For Green Maintenance Equipment and Materials, Township purchasing department works with our vendors, to select equipment and materials that are green and environmentally friendly. See uploaded documents for materials bought and invoices.

PDF: **GREEN MAINTENANCE EQUIPMENT AND MATERIALS DOCUMENTATION**

Green Cleaning Products & Motorized Cleaning Equipment

10 Points

Program Summary: The Township of Woodbridge is committed to its green purchasing practices and continues to find new areas of operation to paint “green.” The centralized purchasing office works cooperatively with divisions and departments, who request cleaning products for our municipal buildings. We collectively select products which are both effective cleaners and environmentally safe. The Township’s green cleaning products are important to the health and safety of our constituents, as well as to the maintenance of public buildings. Custodians work with our main custodial supply vendor, Accommodation Mollen, Inc., to select recycled and post-consumer content janitorial products, as well as disinfectants, soaps and cleaning solutions which

are made from natural ingredients like oranges and lemons. Anytime a product is needed, we search for a “green” equivalent, when available. This overall transition has resulted in a “greener,” cleaner Woodbridge. With the recent acquisition of school custodians, the Township is now responsible for purchasing janitorial supplies for our public schools. In response to the need for more cleaning supplies that are safe for our students, green is the only way to go! The municipality has begun by requesting green product. lists or promotions from our current vendors. These products are reviewed by custodial supervisors and the purchasing department. Once a product is identified to be cost-effective, as well as environmentally safe for use, an order is placed and the products are used in all schools by our custodians. Any necessary training in the use of “green” machines or gadgets is conducted by supervisors.

PDF: **GREEN CLEANING PRODUCTS UPLOAD 1**

IMAGE: **GREEN CLEANING PRODUCTS UPLOAD 2**

Recycled Copy Paper

10 Points

Program Summary: For several years, the Township of Woodbridge has made great strides toward implementing a green purchasing program. Among the many green projects and purchases made during this period, the municipality began by addressing the purchase of the most basic necessity used in its everyday operations: paper. With over thirty copiers and countless more office machines used by Township employees, the volume of paper consumed is great. Over 500 cases of paper are ordered each year. New methods were adopted to ensure that all paper purchases conformed to our green policy. The Township’s centralized purchasing office is responsible for ordering paper for office machines in all departments and divisions. For the past two years, requests for paper have been taken by our maintenance personnel, who record them in a log. This log is submitted to the purchasing department monthly. The purchasing department then orders the most environmentally preferred paper item for sale. This allows the Township to maintain a stock of “green” paper, which is delivered to each department upon request. The municipality has been under contract with W.B. Mason, Inc. for several years. They have worked with us diligently to provide us with “green” paper resources at affordable prices. W.B. Mason has provided us with two types of copy paper: acid-free paper certified by the Forest Stewardship Council, and recycled COPY paper containing 30% post-consumer recycled content and 75% total recycled content. This paper continues to be used throughout the municipal buildings. W.B. Mason also supplies us with many green items made from post-consumer recycled content. Attached is a list of all “green” items we have purchased from them over the past calendar year. As the sixth largest municipality in the State with solid green purchasing practices, the Township proudly holds a large place in the “greening” of New Jersey.

PDF: **RECYCLED PAPER UPLOAD 1**

Adopt a Green Purchasing Policy by Ordinance *Retires 12/31/23*

10 Points

Program Summary: Woodbridge Township has had a Green Purchasing Policy passed by Council resolution since 2009 – for which we should have already received full credit in earlier SJ submissions. (upload 1) The Resolution and Policy were distributed to all Department and Division heads in 2009 and highlighted in their weekly staff meeting agenda. The Resolution and Policy

were posted to the Township website. A reminder memo to Division and Department heads was sent out in Aug. 2011. In July 2012, a Green Purchasing Policy Ordinance was adopted by Council (upload 2) and has been distributed to all Department and Division heads, highlighted in their weekly staff meeting agenda, posted to the Township website. A reminder memo to Division and Department heads was sent out in July 2012. (upload 3)

PDF: **GREEN PURCHASING POLICY-UP1**

PDF: **GREEN PURCHASING ORDINANCE-UP2**

PDF: **GREENPURCHASING-UP3**

Sustainability & Climate Planning

Action Plans *Retires 12/31/23*

10 Points

Program Summary: Woodbridge Township's Community Visioning process was completed and first published on Sept. 3, 2010 and was updated and re-published on April 10, 2012. On April 12, 2012, Caroline Ehrlich, Director of the Township's Office of Sustainability, delivered the updated plan with a live presentation and Power Point Display that detailed how the community has been implementing the plan and evaluating progress on an annual cycle (upload 1). Resolution – upload 2 Completed Updated Plan – upload 3

PDF: **ACTION PLANS UPLOAD 1**

PDF: **ACTION PLANS UPLOAD 2**

PDF: **ACTION PLANS UPLOAD 3**

Indicators & Targets *Retires 12/31/23*

10 Points

Program Summary: WOODBRIDGE TOWNSHIP'S SUSTAINABLE COMMUNITY VISION A thriving sustainable economy is one that leads to environmental, social and economic vitality. In a sustainable economy resources are not used up faster than nature renews them. To obtain true sustainability we must "mobilize the entire community" by reaching every resident, business and industry in the Township with the message that individual action matters and is essential to meeting community wide climate control goals. In particular, by taking positive measures toward reducing its own carbon footprint, the Township plays a leadership role by setting an example. Therefore, through this Sustainable Community Plan, Woodbridge Township is committed to growth of an economic and socially sustainable community, and to developing strategies that will reduce our impact on the environment both collectively and individually, so that we might preserve our natural resources for the citizens now and in the future. PUBLIC PARTICIPATION The above Woodbridge Township Sustainable Community vision statement was drafted by the Woodbridge Green Team subcommittee for Sustainable Jersey initiatives, as well as other stakeholders and with public visioning meetings on July 14, 2009, Aug. 5, 2009, Aug. 12, 2009 and then finalized and adopted by vote at an open public meeting of the Township Council on Sept. 15, 2009. Additionally, the Sustainable Woodbridge Plan has been posted for public review and

comment on the Township's Greenable Woodbridge webpage: http://www.twp.woodbridge.nj.us/Green/tabid/751/Default.aspx. (comments provided to the Township by email are available upon request). FORMAL ADOPTION This Sustainable Community Plan (SCP) was formally adopted by a vote of the Township Council on Sept. 15, 2009. The SCP was revised during the ensuing months and re-submitted on September 3, 2010; it was again revised on Oct. 1, 2010, updated on April 10, 2012, adopted by Municipal Council resolution on July24, 2012 and recently updated on and resolution passed. MONITORING AND EVALUATION Progress in completing SCP actions will be tracked using the separately attached Target&Action Tracking-Woodbridge.pdf. Achievement of SCP targets will be monitored using Target&Action Tracking-Woodbridge.pdf. The Woodbridge Office of Energy Efficiency (OEE) will fill out both tables on a quarterly basis. In addition, at the end of each year the OEE will analyze the filled out tables and evaluate overall SCP implementation and effectiveness. UPDATING AND REVISION Based on OEE's annual SCP evaluation, which will include consideration of changes in external circumstances and assumptions, OEE will update and revise the SCP and submit the revised document to the Green Team and then the Township Council for formal adoption.

PDF: INDICATORS AND TARGETS UPLOAD 1

PDF: INDICATORS AND TARGETS UPLOAD 2

PDF: INDICATORS AND TARGETS UPLOAD 3

Vision Statement & Goals *Retires 12/31/23*

5 Points

Program Summary: WOODBRIDGE TOWNSHIP'S SUSTAINABLE COMMUNITY VISION A thriving sustainable economy is one that leads to environmental, social and economic vitality. In a sustainable economy resources are not used up faster than nature renews them. To obtain true sustainability we must "mobilize the entire community" by reaching every resident, business and industry in the Township with the message that individual action matters and is essential to meeting community wide climate control goals. In particular, by taking positive measures toward reducing its own carbon footprint, the Township plays a leadership role by setting an example. Therefore, through this Sustainable Community Plan, Woodbridge Township is committed to growth of an economic and socially sustainable community, and to developing strategies that will reduce our impact on the environment both collectively and individually, so that we might preserve our natural resources for the citizens now and in the future. PUBLIC PARTICIPATION The above Woodbridge Township Sustainable Community vision statement was drafted by the Woodbridge Green Team subcommittee for Sustainable Jersey initiatives, as well as other stakeholders and with public visioning meetings on July 14, 2009, Aug. 5, 2009, Aug. 12, 2009 and then finalized and adopted by vote at an open public meeting of the Township Council on Sept. 15, 2009. Additionally, the Sustainable Woodbridge Plan has been posted for public review and comment on the Township's Greenable Woodbridge webpage: http://www.twp.woodbridge.nj.us/Green/tabid/751/Default.aspx. (comments provided to the Township by email are available upon request). FORMAL ADOPTION This Sustainable Community Plan (SCP) was formally adopted by a vote of the Township Council on Sept. 15, 2009. The SCP was revised during the ensuing months and re-submitted on September 3, 2010; it was again revised on Oct. 1, 2010, updated on April 10, 2012, adopted by Municipal Council resolution on July 24, 2012 and recently updated and resolution passsed. MONITORING AND EVALUATION Progress in completing SCP actions is tracked using the separately attached Target&Action Tracking-Woodbridge.pdf. Achievement of SCP targets is monitored using Target&Action Tracking-Woodbridge.pdf. The Woodbridge Office of Sustainability fills out both tables on a quarterly basis. In addition, at the end of each year the Office of Sustainability analyzes the filled out tables and evaluates overall SCP implementation and effectiveness. UPDATING AND REVISION Based on the Office of Sustainability's annual SCP evaluation, which includes consideration of changes in external circumstances and assumptions, the Office updates and revises the SCP and submits the

revised document to the Green Team and then the Township Council for formal adoption.

PDF: **VISION STATEMENT AND GOALS UPLOAD 1**

PDF: **VISION STATEMENT AND GOALS UPLOAD 2**

PDF: **VISION STATEMENT AND GOALS UPLOAD 3**

Community Visioning

10 Points

Program Summary: Woodbridge Township's Community Visioning process was completed and first published on Sept. 3, 2010 and was updated and re-published each year. On May 9, 2013, Caroline Ehrlich, Director of the Township's Office of Sustainability, held a visioning meeting for next steps and priorities, delivering a live presentation and Power Point Display that detailed how the community has been implementing the plan and evaluating progress on an annual cycle. One of the most important parts of the Visioning Meeting is the public input. All attendees are encouraged to give their feedback, share their thoughts, and discuss the future vision for the community and Township. (upload 1). Resolution – upload 2 Completed Updated Plan – upload 3

PDF: **COMMUNITY VISIONING UPLOAD 1**

PDF: **COMMUNITY VISIONING UPLOAD 4**

PDF: **COMMUNITY VISIONING UPLOAD 2**

PDF: **COMMUNITY VISIONING UPLOAD 3**

Community Asset Mapping

10 Points

Program Summary: Woodbridge Township's Green Maps project strives to audit and map safe pedestrian and bike routes, identify green businesses, identify homes and businesses that have implemented alternative energy sources, identify homes and businesses that employ water conservation measures in irrigation and landscaping. It serves as a reference for sustainable living, business, shopping and leisure for residents of Woodbridge Township. The project has started in 2012 with the mapping of green businesses in the various downtown sections throughout the Township, specifically in the New Brunswick Avenue and Main Street areas. Businesses that have implemented "green" principles have been highlighted. These businesses are identified with green icons, and brief descriptions are provided regarding their green practices. The descriptions include businesses that offer sustainable products or services, use conservation techniques, promote environmental responsibility, and worker and community well-being. In order to obtain this information, the Township surveyed and met with local business owners. The also includes Township landmarks, such as Townhall, the Community Center, the Baron Arts Center, and the Park Press historic site. Additionally, the Township recycling center is identified as well as a local recycling business. The map provides an interactive forum online so that members of the public can locate and support these businesses. Going forward the Township will aim to involve local students in an interactive environment in the mapping process to generate more community involvement.

PDF: **COMMUNITYASSETMAPPING-UP1**

Community Energy Plan or Climate Action Plan

10 Points

Program Summary: Contained here is the updated Woodbridge Twp. CLIMATE ACTION PLAN in its entirety. This plan was first formally adopted by a vote of the Township Council on Dec. 7, 2010. The updated version was finalized on April 10, 2012 and approved by Council on July 24, 2012 (upload 2). The Plan was re-examined and updated within the two years prior to certification application (upload 1).

PDF: **CLIMATE ACTION PLAN-UP1**

PDF: **CLIMATE ACTION PLAN-UP2**

Municipal Carbon Footprint

10 Points

Bronze Priority Silver Priority

Program Summary: ** no update needed, accomplished in 2010 ** Using the form provided by Sustainable Jersey, we have calculated the current Municipal Carbon Footprint for Woodbridge Township (see attached .xls file).

PDF: **CARBON FTP SUMMARY**

EXCEL: **CARBON FTP DATABASE**

Community Carbon Footprint

10 Points

Program Summary: Utilizing data from the Municipal Carbon Footprint, the US Energy Information Administration, and several utilities, we have completed the Community Carbon Footprint for Woodbridge Township with a baseline year of 2010. Municipal Building and Facilities Energy Use Data Determining the Local Government impacts on the Community Carbon Footprint, we analyzed the yearly utility data for each site and addressed natural gas, electricity, and fuel oil usage. Data was provided by the local utility, PSE&G, as well as an audit program that has been conducted by Woodbridge. ** The baseline year for Local Government – Municipal Buildings is 2008. No operational or physical changes were made to the buildings until 2012. Residential, Commercial, and Industrial Energy Use Data Requests were made to local utilities, PSE&G and Elizabethtown Gas, as well as Atlantic City Electric Co, JCP&L, and Rockland Electric Company to determine the community-wide carbon emissions resulting from residential, commercial, and industrial users. These figures were substantiated by EIA Reports on Annual Electricity Sales from State Distributors and EIA Residential, Commercial, and Industrial consumption data. The information provided from these sources covers the electricity use for all buildings in the municipality, as well as natural gas delivered through pipeline, and heating oil. PSE&G and Elizabethtown Gas Utility Data Included in the Community Carbon Footprint submittal are comprehensive documentation and source material. Natural Gas, Electricity, and Fuel Oil usage was totaled from each sector and used to populate the baseline year. Mobile Fuel Combustion data was provided by the Township. Next Steps A baseline year for 2012 has been chosen for this inventory. Requests for data from Energy Year 2011-2012 has been submitted to PSE&G and

Elizabethtown Gas. This data will be utilized for the next update to both Municipal and Community Carbon Footprints.

EXCEL: **COMMUNITY CARBON FOOTPRINT UPLOAD 1**

PDF: **COMMUNITY CARBON FOOTPRINT UPLOAD 2**

Waste Management

Materials Reuse Program

10 Points

Program Summary: MATERIALS REUSE – SUMMARY Twice a year (April-May and September-October) Woodbridge Township sponsors a “free-cycling” schedule of free bulk materials pickups for residents – residents are encouraged to have “garage sales” (permit waived) on a weekend pickup … the following week materials can be left on the curb for public to browse and acquire for free, and then the Township sanitation trucks collect what remains and delivers to the Township recycling center at Public Works. Massive publicity on the pickups is sent to residents: e-newsletter, printed newsletter, tax bill flyers, web site postings, TV bulletins, etc. Thousands of households participate; estimated tonnage reduced: 1,145 tons for 2013 pickups.

PDF: **MATERIALS REUSE PROGRAM UPLOAD 1**

Community Paper Shredding Day

5 Points

Program Summary: Woodbridge Township held its Community Paper Shredding Day on May 4, 2013; 240 people brought in 12,740 lbs. of paper to be shredded. (see upload 2) We advertise the event on our web site, via news releases, special flyers and in paid advertisements in the Home News Tribune. (see upload 1) It is part of a program presented by Middlesex County Division of Solid Waste Management, and the event is held at Woodbridge Township Public Works.

PDF: **COMMUNITY PAPER SHREDDING DAY UPLOAD 1**

PDF: **COMMUNITY PAPER SHREDDING DAY UPLOAD 2**

Recycling Depot

10 Points

Program Summary: The Woodbridge Township Convenience Center opened in April of 2007 at 225 Smith Street, Keasbey, next to the existing Township Public Works Recycling Drop off Depot for Township residents who choose to drop off their bulky recyclable and waste items rather than have them picked up at the curb for a fee. The Township expanded its Recycling Drop Off Depot,

which has been in existence since 1990, by opening up a Convenience Center next to the depot to allow residents to drop off additional items that were in the past normally collected at the curb. Depot hours are 8 a.m. - 7 p.m. from April 1-Oct. 31; 8 a.m. - 5 p.m. from Nov. 1-Mar. 31. Residents who choose to bring their items to the facility can do so for free and because of the free service the need for special pick ups has dropped by almost half of what it used to be. For example, collection of appliances and metal which was collected 3 days per week has been now reduced to only one thus reducing our labor costs and fuel usage. An average of 75 tons of metal and appliances, 1000 tons of concrete, brick, block and asphalt and 250 tons of brush are collected yearly at the facility and recycled by the approximately 10,000 residents who use the facility over the course of a year. The materials accepted at the facility include Appliances, Mixed Metal, Concrete, Asphalt, Brick, Brush, Leaves Old Propane Tanks, Electronics, Bulk Waste, Paint, Stains, Lacquers, Varnishes, Thinners, Aerosol Paints, Tires Household Batteries, Motor Oil, Anti Freeze, Glass Bottles and Jars, Aluminum and Tin Cans, Plastic Bottles, Newspapers, Mixed Papers, Cardboard and Textiles.

WORD: RECYCLINGDEPOT-UP1

PDF: RECYCLINGDEPOT-UP2

PDF: RECYCLINGDEPOT-UP3