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 31, 2018 with 1175 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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Actions Implemented

Each approved action and supporting documentation for which Woodbridge Twp was approved for in 2018 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

Companion Animal Management Plan *Retired 12/31/22*

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 received significant stakeholder input from the community and from animal management professionals, including several meetings, minutes of which are included 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: **COMPANION ANIMAL MANAGEMENT PLAN DOCUMENTATION**

Arts & Creative Culture

Establish a Creative Team *Retires 12/31/27*

10 Points

Program Summary: The Woodbridge Creative Team is known as the 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 now consists of over 30 Arts-Involved Township residents [An updated 2015 member list is attached] 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.

PDF: **ESTABLISH A CREATIVE TEAM DOCUMENTATION**

Creative Assets Inventory *Retires 12/31/27*

10 Points

Program Summary: Township of Woodbridge Creative Assets Inventory Support for Sustainable Jersey Certification Application In April, 2015, the Township of Woodbridge secured support to revise its Creative Assets Inventory (CAI) from the Environmental and Communications Group (EAC Group) in the Bloustein School of Planning and Public Policy at Rutgers. The EAC Group has experience working on issues related to land use, community participation, economic development, social services, housing, health and brownfields, and has expertise in a variety of research methods and data types, from quantitative to qualitative, including focus group meetings, charrettes and surveys. Dr. Karen Lowrie, the lead on this project, was also the lead project manager for the Woodbridge Arts Village and Inventory project conducted in 2008. The EAC Group reviewed and updated the existing arts inventory to include associations, organizations, community gathering spaces, environmental assets, cultural activities, historical assets, arts organizations, festivals and events, and individual artists. New data was gleaned through internet, local directory, and media searches, as well as an on-line survey. The survey was designed to gather information for the Creative Assets Inventory, and also to obtain input and direction for a Creative Placemaking Plan. The link to the survey was distributed to contacts on the CAI, through the Township's community listserv, and was posted on the Township's website and listed in its newsletter. The survey was also promoted through flyers that were distributed at arts events in the Township during the late summer. Additional information about Creative Assets was collected in consultation with the Township's Creative Team and other community leaders and organizers at meetings with the Mayor's Arts Advisory Committee. The EAC group will continue to work with the Township through the fall of 2015 to develop a Creative Placemaking Plan that will include a revised process for maintaining and updating the CAI. Woodbridge has maintained the inventory via excel spreadsheet throughout 2016.

PDF: **CREATIVE ASSETS INVENTORY DOCUMENTATION**

EXCEL: **CREATIVE ASSETS INVENTORY DOCUMENTATION 1**

Creative Placemaking Plan *Retires 12/31/27*

10 Points

Program Summary: In April, 2015, the Township of Woodbridge secured support to develop its Creative Placemaking Plan (CPP) from the Environmental Analysis and Communications Group in the Edward J. Bloustein School of Planning and Public Policy at Rutgers, The State University of New Jersey (Bloustein). Bloustein has experience working on issues related to land use, community participation, economic development, social services, housing, health and brownfields, and has expertise in a variety of research methods and data types, from quantitative to qualitative, including focus group meetings and surveys. Dr. Karen Lowrie, the lead on this project, was also the lead project manager for the Woodbridge Arts Village and Inventory project conducted in 2008, and for the recertification of Woodbridge's Creative Assets (CAI) Inventory in 2015. The CPP is the third step in Woodbridge's efforts to further its sustainability through arts and culture. They initially compiled a CAI in 2008, established a Creative Team in 2012, and then updated the CAI in 2015. Bloustein worked with community leaders and interested citizens to craft a creative placemaking plan that lays out a vision, goals and strategies for taking the next steps towards remaking Woodbridge creatively. The process included numerous meetings with the township's creative team, an update of their creative assets inventory (arts inventory) including recommendations for continued maintenance of the inventory, a review of current redevelopment centered on the arts, and identified strategies to move the plan forward. The Creative Placemaking Plan was drafted in August 2016 and revised in June 2017, within the 18 months of this submission. As part of the strategies in the CPP Woodbridge Mayor John E. McCormac announced the appointment of Anthony Wilkinson – three-time Emmy Award winner and 2017 nominee for Best Supporting Actor in a Digital Drama Series – as Coordinator of the Woodbridge Township Arts initiatives and Operations Manager of the future Avenel Arts Center. Anthony Wilkinson's hire will help Woodbridge achieve the "New Vision for Woodbridge" as realize the visions, goals, and objectives for Woodbridge's creative placemaking plan.

PDF: CREATIVE PLACEMAKING PLAN DOCUMENTATION (RESOLUTION)

PDF: CREATIVE PLACEMAKING PLAN DOCUMENTATION (PLAN)

PDF: CREATIVE PLACEMAKING PLAN DOCUMENTATION (ARTS 2017 OVERVIEW IN WOODBRIDGE NEWS)

PDF: CREATIVE PLACEMAKING PLAN DOCUMENTATION (WOODBRIDGE NEWS)

Municipal Commitments to Support Arts and Creative Culture *Retires 12/31/27*

10 Points

Program Summary: Woodbridge has undertaken a wide array of actions that directly support arts and creative cultural growth in their community. In its 2009 Master Plan, Woodbridge provides many goals and objectives to support the expansion of arts and cultural offerings throughout the township. Woodbridge has followed through on many of those goals and further worked towards developing a Cultural/Arts District in Woodbridge. These efforts have been showcased in the Creative Placemaking Plan and in the Together North Jersey Woodbridge-Rahway Regional Access to the Arts Local Demonstration Project (http://togethernorthjersey.com/?grid-portfolio=woodbridge-rahway-regional-access-to-the-arts). Woodbridge began its creative placemaking process nearly a decade ago with development of an initial creative assets (arts) inventory and the exploration of converting the former General Dynamics site in Avenel into an arts village (see redevelopment plan). As Woodbridge advances its redevelopment through the arts, it envisions multiple strategies to build its creative community – mixed-use, Avenel arts district, municipal cultural planning, mapping of its creative assets, public art, and community art – and looks to expanded arts and cultural programming and to do all that through open collaborative engagement of leaders from all sectors of the municipality. Additionally, Woodbridge has supported mural programs throughout the township, the Mayor's summer concert series, supported a community choir and youth community play,among other creative and artistic avenues.

PDF: MUNICIPAL COMMITMENTS TO SUPPORT ARTS AND CREATIVE CULTURE DOCUMENTATION 1

PDF: MUNICIPAL COMMITMENTS TO SUPPORT ARTS AND CREATIVE CULTURE DOCUMENTATION 2

PDF: MUNICIPAL COMMITMENTS TO SUPPORT ARTS AND CREATIVE CULTURE DOCUMENTATION 3

PDF: MUNICIPAL COMMITMENTS TO SUPPORT ARTS AND CREATIVE CULTURE DOCUMENTATION 4

PDF: MUNICIPAL COMMITMENTS TO SUPPORT ARTS AND CREATIVE CULTURE DOCUMENTATION 5

Utilizing Your Creative Assets *Retires 12/31/27*

30 Points

Program Summary: Woodbridge Township utilizes many of its creative assets in town over the course of the year. Highlighted below are BarronFest, PoetsWednesday, and Music on Main / Free Concerts series. BarronFest is Woodbridge Township’s annual fine arts festival in the centrally located Parker Press Park. Organized by the Barron Arts Center, in collaboration with Woodbridge Township & the Woodbridge Township Cultural Arts Commission, BarronFest transforms the park into an outdoor art gallery, with more than 60 artists and crafters showing and selling their work free of commission. Woodbridge Township supports BarronFest through its use of staff resources, technical support, and facility operations through the many township departments that help with event logistics. Poetswednesday began at the Barron Arts Center in 1978. It is the oldest poetry reading group in the United States. Poetswednesday meets the second Wednesday of each month at the Barron Arts Center and features readings from renowned guest poets along with a free hour workshop. At the conclusion of the reading from the featured poet there is an open MIC in which all

attendees can participate. Many readings are accompanied by musicians and attract a varied clientele. Poetswednesday is sponsored through the Township of Woodbridge & the Cultural Arts Commission of Woodbridge. Music on Main Street was born out of the non-profit Woodbridge Arts Committee in late 2008 as an attempt to make Woodbridge Township into an "arts destination", making it a more vibrant community in which to live and do business. Summer Concert at Parker Press Park 2016 Featuring Whitney Rose with opening act Brian Dunne https://youtu.be/HEo3jssGs_Y

PDF: **UTILIZING YOUR CREATIVE ASSETS DOCUMENTATION (MUSIC ON MAIN/FREE CONCERT SERIES)**

PDF: **UTILIZING YOUR CREATIVE ASSETS DOCUMENTATION (BARRONFEST)**

PDF: **UTILIZING YOUR CREATIVE ASSETS DOCUMENTATION (POETS WEDNESDAY)**

Brownfields

Brownfields Inventory & Prioritization

10 Points

Program Summary: The Township of Woodbridge prioritized potential brownfield sites to be redeveloped. These sites were utilized for industrial purposes for a number of years and much of their environmental values have been lost. The redevelopment of these subject brownfields may be the only realistic option for revitalization. The Township Planning Department looked at over 1,000 sites by initially downloading the data from the NJDEP website and then narrowed that list to 27 priority sites. The sites were prioritized by focusing on properties from the Township's designated Brownfield Development Area's and Redevelopment Areas. The sites were ranked in the following four categories: • Ownership • Proximity to Residential Properties • Redevelopment Potential • Potential to Reduce Blight The Woodbridge Township Brownfield Inventory will be updated annually at the end of each calendar year. The Planning Department will update the Inventory with input from other municipal departments, including the Township Department of Health, Department of Public Works and the Township Administration. The redevelopment and cleanup of these sites will be a great benefit to the residents of Woodbridge.

EXCEL: **BROWNFIELDS INVENTORY & PRIORITIZATION UPLOAD 1**

PDF: **BROWNFIELDS INVENTORY & PRIORITIZATION UPLOAD 2**

Brownfields Reuse Planning

15 Points

Program Summary: If the municipality has completed a Redevelopment Plan, which has been passed by the Mayor and Council and added to the Master Plan, the Resolution authorizing the Plan and the Plan itself may be submitted in lieu of a Master Plan Brownfields Element. Attached is the Avenel Arts Village redevelopment Plan and Township Ordinance.

PDF: **BROWNFIELDS REUSE PLANNING UPLOAD 1**

PDF: **BROWNFIELDS REUSE PLANNING UPLOAD 2**

Brownfields Marketing

10 Points

Program Summary: An example of a municipal web page with a link to redevelopment opportunities can be found at: http://www.twp.woodbridge.nj.us/. By clicking on the “Redevelopment Business Opportunities” link a list of Woodbridge redevelopment Areas, Plans, and Studies is easily accessible at: http://www.twp.woodbridge.nj.us/WoodbridgeRedevelopmentAreasPlansStudies/tabid/1334/Default SiteMart Data Sheets are attached.

PDF: **BROWNFIELDS MARKETING DOCUMENTATION**

Community Partnership & Outreach

Green Team

10 Points

Bronze Required

Program Summary: In the past year, the Woodbridge Township 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, publicizing residential and business Clean Energy programs, creating more bike and walking paths, and other areas aimed at improving our Township's quality of life.

PDF: **CREATE GREEN TEAM DOCUMENTATION**

Community Education & Outreach

10 Points

Program Summary: Woodbridge Township’s Community Outreach and Education activities during 2016 and 2017 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. TWe did a Solar Challenege this year as well as marketing different energy efficientcy programs such as Ciel power and Direct Install. Woodbridge has partnered with Rutgers University to host a series of nature walks at Ernie Oros Wildlife Preserve. These walks are sponsored by M&T Bank highlight the collective private and public partnership to sustainable/environmental community outreach and education.

PDF: **COMMUNITY EDUCATION AND OUTREACH DOCUMENTATION**

Green Fair

10 Points

Program Summary: The Woodbridge Township Environmental Commission held its 16th annual Earth Day Fair April 22, 2017 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 took charge of the planting of additional cherry trees along Community Center Drive, next to ones planted in prior years. 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.

PDF: **HOLD A GREEN FAIR DOCUMENTATION**

Diversity & Equity

Diversity on Boards & Commissions

10 Points

Bronze Priority Silver Priority

Program Summary: The Diversity Committee has reconvened in 2016 and updated their diversity report and recommendations for the Township Council. Originally convened in 2011, the Diversity Committee met again to discuss Woodbridge's diversity profile in relation to its boards and commissions. The final report with strategies, recommendations, list of findings were written and submitted to Woodbridge Mayor, Woodbridge Town Council. Resolution prepared, submitted to Council, passed by Council. Committee was selected by Municipal Alliance Director Shirley Genty for variety in age, gender, ethnicity.

PDF: **DIVERSITY ON BOARDS & COMMISSIONS DOCUMENTATION (UPLOAD 1)**

PDF: **DIVERSITY ON BOARDS & COMMISSIONS DOCUMENTATION (UPLOAD 2)**

Lead Education & Outreach Programs

10 Points

Program Summary: All Woodbridge Twp. Health Dept. Lead Education & Screening Programs are currently active, including: •Outreach includes creating new lead poisoning information brochures titled “Get the ABC’s of Lead Poisoning” published in English, Spanish, French, Chinese, Gujarati, Hindi, Russian and Polish and mailed to every Township business and residence. •Health Department offers free weekly lead-screening clinics as part of the Department’s weekly CHCs (Children’s Health Clinics). •Local Non-profit Entities such as Woodbridge YMCA, local United Way agencies, scout groups, churches, Red Cross aid in disseminating Lead-Safe information. •In

addition, the Township and School District in-house public information apparatus is employed to spread word about the Lead-Safe initiative via Township newsletters, web site and two television channels. •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 follow up monitoring throughout the year; all Township childcare, Head Start and day school facilities are included. •The Township's housing inspectors inspect older at-risk housing to find and correct unreported units with unsafe lead levels. •Township's housing department conducts free training seminars for painting and remodeling contractors that provide latest Lead-Safe work priorities and USEPA guidelines; a separate set of similar seminars will be offered to amateur home-repair enthusiasts. •The Township's home repair program for elderly and disabled, "Tooling Around the Township", incorporates Lead-Safe practices, especially with regard to weatherization; Tooling Around the Township is a program that enjoys significant corporate support, and these sponsors are encouraged to underwrite improved lead-safe weatherization and repair initiatives in Township housing.

PDF: LEAD EDUCATION AND OUTREACH PROGRAMS DOCUMENTATION

Emergency Management

Coastal Vulnerability Assessment *Retired 12/31/22*

20 Points

Program Summary: After both Hurricane Irene and Superstrom Sandy, Woodbridge is faced with a new set of challenges as sea level continues to rise and the intensity and frequency of storms and precipitation persist. Woodbridge partnered with Sustainable Jersey and the NJ resilient Coastal Communities Initiative to develop a coastal vulnerability assessment (CVA) of Woodbridge. Woodbridge initially identified approximately 400 assets to be included in the vulnerability and consequences assessment, but only those assets shown to be impacted by sea level rise and/or a Category 1 Hurricane in 2050 (52 assets in total) were included in the assessment. The assets were identified under four broad categories of potential community assets: Critical Facilities & Infrastructure Systems, Community Resources & Amenities, Natural Resources & Ecosystems, and Districts, Neighborhoods, & Population Clusters. The information has helped Woodbridge identify short-term and long-term recommendations and helped determine essential planning activities. This report was distributed to our administration, directors, OEM, and environmental commission.

PDF: COASTAL VULNERABILITY ASSESSMENT *NEW* DOCUMENTATION (MAPS)

PDF: COASTAL VULNERABILITY ASSESSMENT *NEW* DOCUMENTATION (REPORT)

EXCEL: COASTAL VULNERABILITY ASSESSMENT *NEW* DOCUMENTATION (SPREADSHEET)

PDF: COASTAL VULNERABILITY ASSESSMENT *NEW* DOCUMENTATION (PRESENTATION)

PDF: COASTAL VULNERABILITY ASSESSMENT *NEW* DOCUMENTATION (DISTRIBUTION)

Vulnerable Populations Identification for Emergencies

10 Points

Program Summary: Woodbridge has both a Code Red system as well as a Special Needs Registry for Disasters (580 people are on this registry). The Township Office of Emergency Management manages both lists with the assistance of both the Department of Information Systems and the Township's Public Information Officer. The last Code Red message was sent to 39,260 phone numbers. It also included 1,177 emails and 1,754 texts. In addition to the submission checklist, attached are examples of where our residents can sign up with Code Red or the Special Needs Registry, sample Code Red advisories, press releases, etc.

PDF: **VULNERABLE POPULATIONS IDENTIFICATION FOR EMERGENCIES DOCUMENTATION 1**

PDF: **VULNERABLE POPULATIONS IDENTIFICATION FOR EMERGENCIES DOCUMENTATION 2**

PDF: **VULNERABLE POPULATIONS IDENTIFICATION FOR EMERGENCIES DOCUMENTATION 3**

Energy

Energy Efficiency for Municipal Facilities

15 Points

Bronze Priority Silver Priority

Program Summary: The New Jersey Board of Public Utilities (NJBPU) sponsored these Local Government Energy Audit (LGEA) Report for multiple Woodbridge Township municipal buildings. The goal of a LGEA is to provide the township with information on how our facilities uses energy, identify energy conservation measures (ECMs) that can reduce our energy use, and put the township in a position to implement the ECMs. The LGEA also sets Woodbridge on the path to receive financial incentives from New Jersey’s Clean Energy Program (NJCEP) for implementing the ECMs. The studies were conducted by TRC Energy Services, as part of a comprehensive effort to assist New Jersey municipalities in controlling energy costs and protecting our environment by offering a full spectrum of energy management options. Numerous energy efficient upgrades have been installed and implemented over the past few years, and in accordance to Woodbridge Township's previous energy audit in 2010. Some upgrades include: new LED lighting at all buildings, motion sensors for automatic lighting, upgrades to multiple HVAC systems, electronic valves installed for pneumatic valves, and high efficiency hot water boilers (Main Library). Based off the the attached, both the Health Center and Fords Library have achieved over 10% reduction in electric usage from 2016-2015. Most buildings have over a 10% reduction in electric usage since 2008, our baseline year.

PDF: **ENERGY EFFICIENCY FOR MUNICIPAL FACILITIES DOCUMENTATION 1**

PDF: **ENERGY EFFICIENCY FOR MUNICIPAL FACILITIES DOCUMENTATION 2**

PDF: **ENERGY EFFICIENCY FOR MUNICIPAL FACILITIES DOCUMENTATION 3**

PDF: **ENERGY EFFICIENCY FOR MUNICIPAL FACILITIES DOCUMENTATION 4**

EXCEL: **ENERGY EFFICIENCY FOR MUNICIPAL FACILITIES DOCUMENTATION 5**

Energy Tracking & Management

20 Points

Bronze Priority Silver Priority

Program Summary: 12 months of billings has been compiled for the township's buildings, which will act as the benchmark for tracking and management. The Township has enrolled each Township electric and natural gas account into the utility’s online information access portal. The Township’s

monthly consumption and cost information is downloaded and recorded in the Township's database and analyzed to identify anomalies and to document improvements to energy efficiency and conservation. The Township uses this data in collaboration with various technical consultants to identify, prioritize and document the success of energy conservation projects.

WORD: **ENERGY TRACKING AND MANAGEMENT DOCUMENTATION 1**

EXCEL: **ENERGY TRACKING AND MANAGEMENT DOCUMENTATION 2**

PDF: **ENERGY TRACKING AND MANAGEMENT DOCUMENTATION 3**

Renewable Government Energy Aggregation

35 Points

Program Summary: Woodbridge Township has established a Government Energy Aggregation Program pursuant to state law that permits the aggregation of all residential customers within the Township for the purpose of competitively purchasing electricity at rates lower than currently available from your electric utility. The electricity consumption of all Woodbridge Township residential customers currently taking default electricity supply from Public Service Electric and Gas (PSE&G) was combined and used to receive competitive bids from New Jersey Board of Public Utilities (NJBPU)-licensed suppliers in order to procure this electric supply service and provide savings to Woodbridge Township residents. Here's How the Program Works: The result of the competitive bid process is a rate that is lower than what PSE&G currently charges for the energy supply portion of your bill. In contrast to other Third Party Supplier (TPS) variable rate contracts, this program offers a fixed rate which is set below the current utility rate and carries no risk of rate increases. This means the rate will remain fixed for the entire term of the contract. This was a 12-month program which ends in October 2017. However, Woodbridge has extended the contract period for 24 months with the inclusion of renewable energy purchases (see attached). As of August 2018, Woodbridge Townships RGEA Program has 9,212 community participants. Additionally, the annual megawatt-hours involved are 78,302 Mwh.

PDF: **ELECTRIC DISTRIBUTION COMPANY AGGREGATION AGREEMENT**

PDF: **PROFESSIONAL ENERGY CONSULTING SERVICES AGREEMENT**

PDF: **RENEWABLE GOVERNMENT ENERGY AGGREGATION 1**

PDF: **TEE WOODBRIDGE RENEWAL LETTER**

PDF: **COUNTERSIGNED AGREEMENT**

WORD: **ENERGY AGGREGATION BID SPECS**

Commercial Energy Efficiency Outreach

10 Points

Program Summary: Woodbridge Township's Energy and Efficiency Outreach and Education activities 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. We market different energy efficientcy programs such as Ciel power and Direct Install. Woodbridge used multiple platforms to market the Direct Install program. Being sent via email and regular mail to thousands of businesses in Woodbridge, this information was also distributed through the Woodbridge Chamber of Commerce. Green Team members also attended various business group meetings to educate their members about the program. These include the Downtown Merchants Association, Colonia Business Community, Fords Business Community, and the Buy Local Committee. We ave also held meeting

with Pat Lynch to discover new ways to market the program. A new postcard was created and distributed to businesses about Direct Install and other programs. We always have our links on the website and Direct Install information on our building department.

PDF: **COMMERCIAL ENERGY EFFICIENCY OUTREACH 1**

PDF: **COMMERCIAL ENERGY EFFICIENCY OUTREACH 2**

PDF: **COMMERCIAL ENERGY EFFICIENCY OUTREACH 3**

Residential Energy Efficiency Outreach

20 Points

Program Summary: Through an RFP process the Township of Woodbridge formed a partnership with CIEL Power to offer a Township-wide Home Energy Assessment program. For a special rate of $49.99 Woodbridge Township homeowners can get a comprehensive home energy assessment and qualify for up to $5,000 in rebate(s) and/or a $10,000 zero interest loan to cover the costs of energy-saving improvements to your home. This is an official program of the Township of Woodbridge and CIEL Power, and available only to Woodbridge Township homeowners and residents. Through various forms of publicity (mailings, flyers, representatives at Township events such as Earth Day, emails, joint marketing with the Woodbridge Inter-Faith Council, the website and the Greenable Woodbridge TV show) we informed residents that the Home Energy Assessment program can help them achieve up to 30 percent savings on their energy bills, while reducing environmental impact. The Greenable Woodbridge TV show on our local TV 35, is run weekly and is available on our municipal website for viewing at all times. The Woodbridge Inter-Faith Council is a group of clergy representing multiple houses of worship in Woodbridge that work to benefit our residents in a unity of faiths. Past efforts with this group have helped spread the word on various environmental (Home Energy audits, direct install, etc) and social (opioid overdose recovery programs) issues. In most cases, the monthly savings on energy bills will far exceed the zero interest loan payments. The assessment program covers insulation, windows, doors, heating and cooling, and hot water systems, among other energy-saving additions and home repair. The Home Energy Assessment program allows homeowners to improve the value, comfort, health, and safety of their home while saving money. The Home Energy Assessment program is made possible at no cost to local taxpayers via aggressive pursuit and leveraging of federal and state incentives, and utilizing the Township’s group negotiating powers. The Home Energy Assessment program is a key component of “Greenable Woodbridge” – a Township-wide environmental awareness initiative that identifies the environmental and sustainable issues of importance to the future of the community and provides easy-to-use information to residents, businesses, and visitors on “going green” and what we are doing to establish Woodbridge as a leader in “green” and sustainable living.

PDF: **RESIDENTIAL ENERGY EFFICIENCY OUTREACH 1**

PDF: **RESIDENTIAL ENERGY EFFICIENCY OUTREACH 2**

PDF: **RESIDENTIAL ENERGY EFFICIENCY OUTREACH 3**

PDF: **RESIDENTIAL ENERGY EFFICIENCY OUTREACH 4**

Make Your Town Solar Friendly

30 Points

Program Summary: Woodbridge has taking steps to make permitting processes and zoning rules supportive of solar energy, while balancing the aesthetic and safety concerns of each community. After installing solar panels on the roofs of most Township schools and the Woodbridge Community

Center, the Township has worked to encourage greater installation of solar panels by Township residents and businesses. Attached are amendments to the Land Use and Development Ordinance to establish standards for the safe installation of solar panels in appropriate locations. At the present time, Woodbridge has averaged around 4.15 solar permits per week for the calendar year of 2017. The solar ordinance was adopted by the Woodbridge Municipal Council on Tuesday, June 26, 2018, and updated on Tuesday, September 4, 2018.
https://www.twp.woodbridge.nj.us/728/Solar-Panel-Installation (solar checklist on website)

PDF: **MAKE YOUR TOWN SOLAR FRIENDLY DOCUMENTATION (INSPECTION CHECKLIST)**

PDF: **MAKE YOUR TOWN SOLAR FRIENDLY DOCUMENTATION (FIRST RESPONDER TRAINING)**

WORD: **ORDINANCE SOLAR PANEL FEES**

Solar Outreach

15 Points

Program Summary: Woodbridge Township participated in the Sustainable Jersey Solar Challenge. The Township is one of only ten municipalities in the entire State that was awarded funding by Sustainable Jersey to increase energy efficiency. This opportunity established an easier way for all residents to navigate and assess solar costs and installations.With a population of over 100,000, and a strong commitment to sustainability, Woodbridge Township was a great launching place for the program. During the Woodbridge Township Solar Challenge planning process, participants included municipal staff, a representative of the town council and Chamber of Commerce, local businesses, and a financial institution. The structure of the Woodbridge Solar Challenge program was a three party partnership, which included Sustainable Jersey who partnered with EnergySage to encourage the adoption of solar energy within municipalities. EnergySage is an online solar marketplace developed with the support of the U.S. Department of Energy. The Solar Challenge itself was a community-led program that worked in partnership with the EnergySage online marketplace. What made the program fun and a “Challenge” for municipalities like Woodbridge, is that participating communities in the Solar Challenge received: a grant for technical support to set up a local Solar Challenge, pre-designed customizable marketing materials, the opportunity to earn Sustainable Jersey points toward certification, & eligibility to win a $10,000 award (toward an energy related project) for the local Solar Challenge campaign that achieved the highest number of solar contracts. The Challenge took place from October, 2016 through May, 2017. And, during that time the Township processed approximately 166 solar permits. All of the aforementioned permit requests did not go through the EnergySage online portal. The portal notes 47 registered participants, all of which did not go through the process to solar procurement using the EnergySage portal. Thus, the approximately 166 permits for solar panel installations processed by the Township did not classify as “going solar” as per the structure of the program. However, the program’s unique educational resources could have helped to provide support to residents that submitted permit requests for solar panel installation. Buying solar can be confusing, and at times difficult to determine the reliability of contractors and the cost-effectiveness of utility savings. The uniqueness of this program stemmed from the way that residents connected to the online EnergySage marketplace to shop for solar, and leaner about solar, instead of being shopped by installers. The program effectively reduced confusion for the buyer, and streamlined the number of potential clients for local installers. A draft ordinance waiving all Township construction permit fees associated with the installation of solar panel systems at properties owned by nonprofit organizations is attached and up for council approval.

PDF: **COMMUNITY-LED SOLAR INITIATIVES DOCUMENTATION**

WORD: **COMMUNITY-LED SOLAR INITIATIVES DOCUMENTATION (PERMIT EXCEPTION FOR NON-PROFITS)**

Fleet Inventory

10 Points

Bronze Priority Silver Priority

Program Summary: Attached is our latest and current fleet inventory sheet of the Township's 418 vehicles. 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: our current Fleet Carbon Footprint is 4314.32964. Sustainable Summary 1. We are continuing to eliminate our 1 yard v-box gasoline salt spreaders and converting them over to electric salt spreaders. 2. We do a monthly tire inflation checks along with regular maintenance on vehicles for fuel efficiency. 3. We adopted the no idling policy. 4. All older vehicles are retro fitted to minimize emissions. 5. Fuel Additive being used to help increase fuel mileage and reduce emissions. 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: **FLEET INVENTORY DOCUMENTATION**

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**

Public Electric Vehicle Charging Infrastructure

15 Points

Program Summary: Electric Vehicle Car Share Greenable Woodbridge has embarked on the first step to implement an Electric Vehicle (EV) Car Share Program. The EV program will play a significant role in shaping the Greenable Woodbridge long-term vision for electric vehicle car share market development and will serve to reduce carbon emissions, thus contributing to climate change reduction efforts. The EV program looks to offer complete street services, enhanced mobility through fuel efficient vehicles, and a comprehensive approach to reducing greenhouse gas emissions. On the municipal website, under the Greenable Woodbridge page, residents can find a map of all electric vehicle charging stations in town with their addresses. This map is constantly updated when new EV infrastructure in installed. This map is also part of our attachments below. https://www.twp.woodbridge.nj.us/DocumentCenter/View/8032/ElectricVehicleChargingStations_Street-PDF

PDF: PUBLIC ELECTRIC VEHICLE CHARGING INFRASTRUCTURE DOCUMENTATION (DRAFT CONTRACT)

PDF: PUBLIC ELECTRIC VEHICLE CHARGING INFRASTRUCTURE DOCUMENTATION (GREENSPOT PROPOSAL)

PDF: PUBLIC ELECTRIC VEHICLE CHARGING INFRASTRUCTURE DOCUMENTATION (EV CHARGING STATIONS MAPPED ON TOWNSHIP AND DOE WEBSITE)

PDF: PUBLIC ELECTRIC VEHICLE CHARGING INFRASTRUCTURE DOCUMENTATION (RECOMMENDATION)

PDF: PUBLIC ELECTRIC VEHICLE CHARGING INFRASTRUCTURE DOCUMENTATION (RFP)

Make Your Town Electric Vehicle Friendly

15 Points

Program Summary: Electric vehicles are coming, whether or not municipalities are ready. In order to become ready, Woodbridge worked with the North Jersey Transportation Planning Authority (NJTPA) to develop a Readiness Plan for alternative fueled vehicles. This Woodbridge Township Alternative Fuel Vehicle (AFV) Readiness Plan outlines actions that the township can take to reduce and resolve barriers to AFV usage. It includes 25 recommendations across five action areas for community leaders and other stakeholders interested in expanding the use of plug?in electric vehicles (PEVs) and natural gas vehicles (NGVs). Taking this report and working off of Sustainable Jersey's actions, Woodbridge drafted a PEV and Accessory Use Ordinances.The Accessory Use ordinance was adopted by the Woodbridge Municipal Council on Tuesday, June 26, 2018. The PEV ordinance was adopted by the Woodbridge Municipal Council on Tuesday, June 26, 2018, and further updated onTuesday, September 4, 2018. Also included is our first responder training by the Port Reading Fire Department and our outreach/awareness efforts. Map of publicly accessible EV Charging stations on our municipal website: https://www.twp.woodbridge.nj.us/748/Electric-Vehicle-Program The Best Talks Around: Green Transportation by Jeff Mayerowitz https://youtu.be/v4H0lS9tlh8

PDF: MAKE YOUR TOWN ELECTRIC VEHICLE FRIENDLY DOCUMENTATION (AWARENESS AND OUTREACH)

PDF: MAKE YOUR TOWN ELECTRIC VEHICLE FRIENDLY DOCUMENTATION (NJTPA STUDY 1)

PDF: MAKE YOUR TOWN ELECTRIC VEHICLE FRIENDLY DOCUMENTATION (NJTPA STUDY 2)

PDF: MAKE YOUR TOWN ELECTRIC VEHICLE FRIENDLY DOCUMENTATION (ACCESSORY USE ORDINANCE)

PDF: MAKE YOUR TOWN ELECTRIC VEHICLE FRIENDLY DOCUMENTATION (PEV ORDINANCE)

PDF: MAKE YOUR TOWN ELECTRIC VEHICLE FRIENDLY DOCUMENTATION (FIRST RESPONDER TRAINING)

Food

Buy Fresh Buy Local Programs

10 Points

Program Summary: Throughout the year the Township's website has a link to local supermarkets that sell locally grown produce. This listing is located on the Buy Local page of our website. The Township 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. Additionally, at Public Health Day, Wegman's, a local food store that supplies and sells locally grown produce, has a healthy cooking demonstration for the general public.

PDF: **BUY FRESH BUY LOCAL PROGRAMS DOCUMENTATION**

Farmers Markets

10 Points

Program Summary: 2018 FARMERS MARKET – SUMMARY The Woodbridge Wednesday Farmers Market will be in its 13th year beginning in June 2018. As in years past, the market will be held in the heart of downtown Woodbridge at Parker Press Park every Wednesday from 3:00-8:30 p.m. The Farmers Market will run from June 27 until September 5. The municipal government will again organize and publicize and provide financial backing and volunteer staff support for the Market. The 2018 Woodbridge Farmers Market vendors will include both previous vendors and new vendors for the year: Gaskos & Son Farm and Greenhouse, Valley Shepherd Creamery Farm, Nesanic Valley Beekeeper, The Artisan Tree, Benson Barbecue, The Chuckwaggen, Lady Empanada, Mo Green Juice, Jakers Pickles, Avon, Rita’s Ices, JJ Bitting Brewery, La Bonbonnier Bakery, and Raritan Bakery. Each vendor pays $200 for the full season and that money is used toward advertising including flyers, t-shirts, 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 DOCUMENTATION**

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: Two Woodbridge Township Planning Department employees, Eric Griffith and Chris Kesici, took Green Building training, through the Affordable Green Academy. They took and successfully completed courses and tests in “Floors” and “Walls and Windows." These two employees meet with developers and builders regularly and their new knowledge will be valuable. The classes were in April and May of 2016, which is from within 2.5 years of the June submission deadline.

PDF: **GREEN BUILDING TRAINING DOCUMENTATION**

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 DOCUMENTATION**

Green Building Education

5 Points

Program Summary: The Woodbridge Township Department of Planning & Development provides green building and program information to all members of the public, which includes residents, builders and visitors. This has been a priority since 2009 as new information bins were constructed to contain Green Building Educational Materials and still is popular today in 2018. The information is available on the third floor of the Township’s Town Hall at the main desk for the Township’s Building Department. This is an ideal location for information to be provided since this is the where anyone that is applying for or picking up a building/zoning permit will pass through. Staff members are available to assist stakeholders. The education materials covers topics such as energy conservation, green building for homes and businesses, recycling tips, green landscaping ides and various energy efficiency related rebate programs provided by NJ Clean Energy. TheTownship’s Green Sustainability Element document to the Master Plan is also provided. The Township also directs people to the Woodbridge Township website, which has many green links on its “greenable woodbridge” page. 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. Upload 2 is a copy of the Township’s Green Building Scorecard/Checklist. With updated checklist.

PDF: **GREEN BUILDING EDUCATION DOCUMENTATION 1**

PDF: GREEN BUILDING EDUCATION DOCUMENTATION 2

Health & Wellness

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 continued to implement 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 mounting No Idling Zone signs at the pickup/dropoff locations at each of the Township's public schools and the printing and distributing a series of No Idling informational flyers for each of the approximately 14,000 students in the district to take home. The project consists of 10 weeks and began the week on February 1st and completed the week of April 8th. Woodbridge will look to continue the program in future years. 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. 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 EDUCATION & ENFORCEMENT PROGRAM DOCUMENTATION 1

PDF: ANTI-IDLING EDUCATION & ENFORCEMENT PROGRAM DOCUMENTATION 2

Building Healthier Communities

20 Points

Program Summary: The Woodbridge Township Department of Health and human Services provides many services throughout the year. These services include: Meal Planning; Safe on the Road; Healthy Heart Pre-School; Choose My Plate; Slips & Fall Prevention; Skin Cancer Screening; Public Health Day Diabetic Counseling/Lead Testing and Info; Women's Health Day; Depression,

Reiki Alternative Therapy; Non pharmaceutical approaches to pain & adult vaccines; Mayor's Health Expo; Wellness screenings; Glucose & Diabetic Counseling; Car fit; Lung Cancer Early Detection; Lead Testing; Diabetic Self-Management; Healthy Habits Pre-School; Tobacco Prevention; My Plate Information; Public Health Day; Screenings of glucose and cholesterol; Skin Cancer Screening & sun prevention; Dog Licensing Nursing Clinics for childhood immunizations, school physicals, well baby clinics, pap clinics, STD clinics, blood pressure checks. Also, this upcoming programming this spring includes: The Health Department’s Nursing Division is on-call throughout the year to provide health clinics, screenings, and medical services for residents. Child Health Conference: Physical examinations, health counseling, and immunizations for children. First, second, and third Thursday of the month. Clinic fee: $10. By appointment only. STD Clinic & HIV Testing: Sexually transmitted disease screening, examination, counseling, and treatment. First three Thursdays of the month: 1:15 – 2:15 p.m. at the Health Center. Clinic fee: $10 resident; $20 non-resident (proof of residence required). Free rapid HIV testing by appointment only. Call 732-855-0600 x5012 to schedule. STD Test: Last Thursday of the month. 4:30-6 p.m. at the Health Center. Clinic fee: $10 resident; $20 non-resident (proof of residence required). Adult Health Services: Hypertension screening and blood pressure testing: • Fourth Tuesday of the month; 2-3 p.m., Health Center • Second Monday of the month; 11:30 a.m.-Noon, Evergreen Senior Center • Third Tuesday of the month; 10:30-11:30 a.m., Town Hall (alternating with Main Library) • Third Tuesday of the month; 2-3 p.m., Fords Branch Library Adult Vaccine (over 18): Shingles, Hep B, and others. Clinic fee: $24. Call for appointment 732-855-0600 x5012. Uninsured only. School Age physicals: For children new to the school district without insurance. Clinic fee: $10. Call for appointment 732-855-0600 x5012. Child Immunization: School-age children. Second Monday of the month. Clinic fee: $10. Must call to schedule appointment. The Nursing Division also offers additional Child Health Care Services, Immunization Clinics, and Adult & Senior Health Services. Woodbridge Township provides its employees with: - free blood pressure screenings - free flu shots - free hepatitis screenings for certain employees who may have been exposed - discounts to gym memberships at the Woodbridge Community Center - free AED trainings - free blood borne pathogen trainings Additionally, all employees are eligible to participate in municipally sponsored recreation programs even if they do not live in the township.

PDF: **BUILDING HEALTHIER COMMUNITIES DOCUMENTATION**

Safe Routes to School

10 Points

Program Summary: Woodbridge is currently working on updating this action. During the past school year, Woodbridge Township municipal government continued to work with Woodbridge Township School District and transit organization Keep Middlesex Moving, Inc. 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. SRTS Events: 4/2/14 safe walking presentation school 9 5/15/14 gave a presentation to seniors about ped safety at the Senior Police Academy 5/28/14 walking safety presentation at school 25 6/9/14 gave a bike safety presentation at community center 6/9/14 presentation on ped safety at school 18 10/8/14 walk to school event at school 27 4/22/15 walking Wednesday at school 21 5/13/15 walking Wednesday school 21

PDF: **SAFE ROUTES TO SCHOOL UPLOAD 2**

WORD: **SAFE ROUTES TO SCHOOL UPLOAD 1**

Innovative Projects

Innovative Community Project 1

10 Points

Program Summary: The Township of Woodbridge has taken new steps on its road to becoming a more resilient community with its inclusion as one of the 13 New Jersey Board of Public Utilities (NJ BPU) Community Microgrid pilot programs. Thanks in part to the generous grant from the Gardinier Environmental Fund through Sustainable Jersey's Small Grants program, Woodbridge has been one of the forerunners in studying the feasibility for a community microgrids in the State of New Jersey. A microgrid is a small or local efficient electric power system that can operate in conjunction with the main utility grid or by itself during emergency or opportune times, separating itself from the main grid. The system is installed in parallel to the current infrastructure to act as a backup in case the main utility is disconnected. The main benefit of a microgrid is to provide power to key locations and facilities during times of emergency and soon thereafter such as hurricanes and snow storms and avoiding the failures seen during Hurricane Sandy. The added economic and health benefits is the ability to provide less expensive, more efficient energy during opportune times alleviating the main grid during peak hours that create and high costs and air emissions. The implementation of a microgrid can take advantage of state of the art technologies such as system controls and energy storage as well as incorporate renewable fuel sources like solar and wind, reducing the need for peaker plants and working efficiently to reduce overall emissions. The initial Gardinier grant study spanned over 18 months and engaged various stakeholders throughout the community including fire, police, schools, municipal officials, and private businesses. The preliminary study collected energy and thermal use data which paved the way for the Board of Public Utilities' Town Center Distributed Energy Resource Microgrid Feasibility Study Incentive Program, which explores the implementation a community microgrid in further detail. This includes technology recommendations and preliminary costs for construction. Upon completion of the first phase of the BPU's study, detailed engineering specs and costs will be evaluated, leading the way to eventual build out of the microgrid. As a leader in the sustainable community, Woodbridge is proud to lead the way to a cleaner and more resilient environment while helping to reduce its carbon footprint and the overall level of GhG in the surrounding environment.

PDF: INNOVATIVE COMMUNITY PROJECT 1 DOCUMENTATION (MICROGRID 1)

PDF: INNOVATIVE COMMUNITY PROJECT 1 DOCUMENTATION (MICROGRID 2)

PDF: INNOVATIVE COMMUNITY PROJECT 1 DOCUMENTATION (MICROGRID 3)

Innovative Community Project 3

10 Points

Program Summary: In the aftermath of Hurricane Irene (2011) and Superstorm Sandy (2012), multiple residential properties within the Woodbridge Township flood plain were severely impacted by flooding. As a proactive approach for increasing the resiliency of its municipality, Woodbridge Township successfully secured funds through the New Jersey Department of Environmental Protection (NJDEP) Blue Acres Program to purchase flood prone properties located within the Township's flood plain.The Township has partnered with Rutgers Cooperative Extension (RCE) to better understand the opportunities for and benefits of these newly acquired properties to maximize flood storage, provide recreational opportunities, and support diverse wildlife habitats. Additionally, efforts include developing long-term management strategies for the area. Through this partnership,

RCE has developed this open space and flood plain restoration plan that will benefit local residents and the larger community. To date, Woodbridge has removed over 100 structures and numerous roads/streets in the Watson-Crampton area. Additionally, our DPW has removed roughly 25 species of invasive plants while planting more than 1,000 trees and shrubs in the preservation area. Our continued work with Rutgers has been recognized by the New Jersey Association for Floodplain Management (NJAFM), who awarded Woodbridge with the 2017 Outstanding Floodplain Management Award.

PDF: **INNOVATIVE COMMUNITY PROJECT 3 DOCUMENTATION (BLUE ACRES/RUTGERS 1)**

PDF: **INNOVATIVE COMMUNITY PROJECT 3 DOCUMENTATION (BLUE ACRES/RUTGERS 2)**

Land Use & Transportation

Heat Island Assessment & Mitigation Plan

10 Points

Program Summary: Urban heat Island effects cause serve, environmental and human health concerns. Furthermore, threats continue to intensify as greenhouse gas emissions and previous modifications made to terrestrial environments. But in Woodbridge Township, dedication to ensure mitigation measures are planned and action is taken to combat such issues embody the backbone of the Township's sustainability initiatives. The newly designed and engineered means by which to contest such disturbances caused by waste heat. This endeavor exemplifies that in Woodbridge we adapt, design, and rebuild with resiliency and community health in mind.The Heat Island Assessment report was adopted by the Woodbridge Township municipal council on 8/21/18.

PDF: **HEAT ISLAND ASSESSMENT DOCUMENTATION**

PDF: **HEAT ISLAND ASSESSMENT *NEW* DOCUMENTATION 1**

Sustainable Land Use Pledge

10 Points

Bronze Priority Silver Priority

Program Summary: 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. The Planning Board, Zoning Board, and Environmental Commission have all received a copy of the Sustainable Land Use Pledge and new board members are given notice upon their appointment to the respected board.

PDF: **SUSTAINABLE LAND USE PLEDGE UPLOAD 1**

Bicycle & Pedestrian Audits

5 Points

Program Summary: Woodbridge Township was awarded Bonner service volunteers from The College of New Jersey to perform a pedestrian audit of the Avenel section of Woodbridge Township. The pedestrian audit was performed on Wednesday, April 13th, 2016. Attached are the students' surveys (audit) and an report on their conclusions, gaps, and opportunities.

PDF: BICYCLE AND OR PEDESTRIAN AUDIT DOCUMENTATION

PDF: BICYCLE AND OR PEDESTRIAN AUDIT DOCUMENTATION (UPLOAD 2)

Bicycle and/or Pedestrian Plan

10 Points

Program Summary: Woodbridge Township, with the help of a Sustainable Jersey Small grant, hired Sam Schwartz Engineering to study the feasibility of implementing a network of bicycle routes within the township. The proposed bicycle roadway network will provide connections with commercial corridors and downtown business areas, mass transit options including train stations and bus routes, schools, recreational areas and large parks, and local government services. In addition, the proposed bicycle network will work in conjunction with our Complete Street Policy to expand travel choice and reduce traffic congestion, strengthen our local economy, protect our environment, promote healthy lifestyles, and improve our resident’s quality of life. The potential impact of achieving a multi-modal transportation network that is accessible, safe, and convenient is substantial, and can serve as a model for other communities to emulate. The plan will utilize local, low-stress routes and roadways as much as possible. The design options may include, but are not limited to: sharrows, advisory bicycle lanes, standard bicycle lanes, buffered bicycle lanes, and/or cycle tracks. All designs will adhere to the American Association of State Highway and Transportation Officials Bike Guide. Furthermore, Woodbridge Township will increase signage, increase roadway and bicycle lane striping, and install additional bicycle racks and other related amenities throughout the proposed bicycle network. Since the plan has been completed, Woodbridge Township has received a NJ Department of Transportation grant to implement the plan and provide safe bicycle connections to our residents. The Plan was approved by the Woodbridge Township Planning Board. The resolution is attached.

PDF: BICYCLE AND OR PEDESTRIAN PLAN UPLOAD 1

Effective Parking Management *Retires 12/31/27*

10 Points

Program Summary: Attached are two parking studies (parking facility and commuter parking adequacy) as well as two redevelopment plans that have lower parking requirements than set by the Residential Site Improvement Standards (RSIS). Based off of the RSIS for mid-level redevelopment projects, the following standards apply: 1 bedroom (1.8 parking spaces), 2 bedroom (2 parking spaces), and 3 bedroom (2.1 parking spaces). For the Route 27 Area 4 Redevelopment Plan, the parking requirements are 1.5 parking spaces per dwelling unit. Additionally, the Downtown Woodbridge Area 1 Redevelopment Plan requires 1.25 parking spaces per unit. Both of these redevelopment plans are located within 0.5 miles of a train station, therefore alternative parking requirements from the RSIS apply. The Township requires less parking for new multi-family developments near train stations because of (1) the availability of mass transit, (2) auto ownership is 30 percent less for residents of apartments/condominiums living near transit than residents living in single-family homes (Eliminating Barriers to Transit-Oriented Development, March 2010), and (3) NJ Transit recommends a reduction of parking requirements for dense developments near transit

(Planning for Transit-Friendly Land Use: A Handbook for New Jersey Communities, June 1994).

PDF: **EFFECTIVE PARKING MANAGEMENT DOCUMENTATION 1**

PDF: **EFFECTIVE PARKING MANAGEMENT DOCUMENTATION 2**

PDF: **EFFECTIVE PARKING MANAGEMENT DOCUMENTATION 3**

PDF: **EFFECTIVE PARKING MANAGEMENT DOCUMENTATION 4**

PDF: **EFFECTIVE PARKING MANAGEMENT DOCUMENTATION 5**

PDF: **EFFECTIVE PARKING MANAGEMENT DOCUMENTATION 6**

Green Infrastructure Planning *Retires 12/31/27*

20 Points

Program Summary: What makes the Woodbridge Township green infrastructure team's approach to traditional techniques unique is a partnership with Rutgers Cooperative Extension Water Resources Program on all rain gardens and bioswales. Local knowledge provided by the Township GI team coupled with Rutgers advanced understanding of these systems aids the innovation of the design and technical construction of functional projects. The short-term goal is to treat storm-water runoff from 20 acres in Woodbridge Township. The long-term goal is to treat storm-water runoff from 80 acres.

PDF: **GREEN INFRASTRUCTURE PLANNING DOCUMENTATION 2**

PDF: **GREEN INFRASTRUCTURE PLANNING DOCUMENTATION (ICA)**

PDF: **GREEN INFRASTRUCTURE PLANNING DOCUMENTATION (RAP)**

PDF: **GREEN INFRASTRUCTURE PLANNING DOCUMENTATION 1**

PDF: **GREEN INFRASTRUCTURE PLANNING DOCUMENTATION (FUNDING)**

Green Infrastructure Implementation *Retires 12/31/27*

10 Points

Program Summary: What makes the Woodbridge Township green infrastructure team's approach to traditional techniques unique is a partnership with Rutgers Cooperative Extension Water Resources Program on all rain gardens and bioswales. Local knowledge provided by the Township GI team coupled with Rutgers advanced understanding of these systems aids the innovation of the design and technical construction of functional projects.The short-term goal is to treat storm-water runoff from 20 acres in Woodbridge Township. The long-term goal is to treat storm-water runoff from 80 acres. - Kennedy Park, located in the Iselin section of the Township is now home to three bioswales which mitigate non-point source pollution, enhance aesthetics, promote native plants and pollinating incents (like butterflies) and help to relieve ponding and/ or drainage issues. - Henry Inman Library located in the Colonia section of the Township (details within Reduction Action Plan). The project seeks to combat fluvial flooding and stormwater run-off form the adjacent library. The project will serve as an educational complement to the library. - Health Center, located next to the Main Library and Woodbridge High School in the Woodbridge Proper section of the Township, was the first municipal rain garden project. In addition to storm water management the project also serves as an educational complement to the library and high school. - Fords Branch Library, located in the Fords section of the Township, is home to two raingardens; one each located in the front and rear if the building. In addition to storm water management the project will also serve as an educational complement to the library.

PDF: **GREEN INFRASTRUCTURE IMPLEMENTATION DOCUMENTATION 2**

PDF: **GREEN INFRASTRUCTURE IMPLEMENTATION DOCUMENTATION (ICA)**

PDF: GREEN INFRASTRUCTURE IMPLEMENTATION DOCUMENTATION 1

PDF: GREEN INFRASTRUCTURE IMPLEMENTATION DOCUMENTATION (RAP)

PDF: GREEN INFRASTRUCTURE IMPLEMENTATION DOCUMENTATION (PHOTOS)

Green Building & Environmental Sustainability Element *Retired 12/31/24*

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

Smart Workplaces *Retired 6/23/2026*

10 Points

Program Summary: In 2018, Woodbridge Township was awarded the Platinum Level Award by Keep Middlesex Moving for New Jersey Smart Workplaces. The award was for outstanding achievement in creating programs that provide and promote commuting options for employees. In 2016, Woodbridge Township was presented with a Gold Award, and a Bronze award in 2015.

PDF: SMART WORKPLACES DOCUMENTATION

Transit-Oriented Development Supportive Zoning *Retires 12/31/27*

20 Points

Program Summary: In June 2008, Woodbridge Township developed the Main Street Rehabilitation and Transit Village Plan. The purpose of the Rehab Plan is to develop the Main Street Area into a vibrant, mixed-use neighborhood that is organized around a newly restricted Main Street. The objective is to use smart growth planning principals and the regulation of building design and form to create an attractive and sustainable neighborhood. In particular, the Rehab Plan is intended to transform the current pattern of low-intensity development along a heavily traveled traffic-dominated street, into a highly-desirable location for businesses and residential uses to thrive, with a higher-quality and more readily accessible pedestrian environment. 1) Maximum densities are not specifically set as the plan encourages development of the area and assemblage of properties, the maximum height of three (3) stories of residential over ground floor commercial constricts the maximum number of units 2) Affordable housing is required as per the Affordable Housing Ordinance , Section 150-83 , under the Land Use and Development Ordinance of which this plan is also a part. As part of adopted affordable housing ordinance, a point system was created to determine onsite requirements. The point system is based on the proximity of a particular development site to public transportation, employment hubs, mixed-use development, retail uses, schools, and recreation and other community facilities. The Main Street Rehabilitation and Transit Village Plan is located within one-quarter mile of the Woodbridge Train Station and receives 10 points. 10 points or more onsite set-aside is 15%.

PDF: **TRANSIT-ORIENTED DEVELOPMENT SUPPORTIVE ZONING DOCUMENTATION**

PDF: **TRANSIT-ORIENTED DEVELOPMENT SUPPORTIVE ZONING DOCUMENTATION (ORDINANCE)**

Local Economies

Green Business Recognition Program

10 Points

Bronze Priority Silver Priority

Program Summary: Each year Woodbridge Township challenges our local businesses to take our Green Business Challenge Checklist. The marketing and outreach to participate in the program is through door to door business visits by our Green Ambassador Student Team (youth Green Team members) informing businesses about the challenge and the benefits of being green. Student's went out this past year to our Main Street to meet with the Downtown Merchants. Additionally, the checklist is available on the municipal website. New "green businesses" were mentioned in a Friday Civic Plus Woodbridge enews emails. Wegmans was the first business to complete the checklist and was mentioned in the last email. Our marketing for the New Jersey Sustainable Business Registry Program (NJSBR) has continued in 2017-18. Flyers have been made and were dispersed at the State of the Township event hosted by the local Woodbridge Metro Chamber of Commerce.

PDF: **GREEN BUSINESS RECOGNITION PROGRAM DOCUMENTATION 2**

PDF: **GREEN BUSINESS RECOGNITION PROGRAM DOCUMENTATION 1**

Buy Local Campaign

10 Points

Program Summary: 2017 Buy Local – WOODBRIDGE TOWNSHIP - Summary
_____ As in every year since its establishment in 2009, 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, and a special portion of the Township website was devoted to Buy Local. 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 in various forms of advertising. The Mayor and Chamber of Commerce Director also attend multiple ribbon cuttings throughout the year to highlight new business coming to Woodbridge Township.

PDF: **BUY LOCAL CAMPAIGN DOCUMENTATION**

Support Local Businesses

10 Points

Program Summary: To Support the Buy Local Campaign and Township businesses, both large and small, the Township worked with various business and community groups such as the Woodbridge Metro Chamber of Commerce, Downtown Merchants Association, Oak Tree Road SID, Colonia Business Community to plan and organize various events in the business districts to bring local shoppers to patronize the stores. These groups also contributed to the "Buy Local Business Directory" and "Discount Card". The Township also works with the Mayor's Advocacy Committee for Education to bring the business leaders to the schools for Principal of the Day and the Career Fair for high school seniors. Additionally, the Buy Local subcommittee of our Township Green Team meets every other month to discuss avenues to expand business within our community. Also, Woodbridge Township launched a Buy Local App which lists and markets all businesses within Woodbridge Township with consumers. The app continues on and is now called Woodbridge Now.

PDF: **SUPPORT LOCAL BUSINESSES DOCUMENTATION**

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**

Environmental Commission

10 Points

Program Summary: The Woodbridge Township Environmental Commission has been in existence since 1973. 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, started and maintain the Community Garden, and began a seed library. 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. The 2016-2017 Report is attached along with some 2018 documentation. Members: Kathy Whooley Term Expires: October 19, 2018 Mirly Paul, 2nd alternate Term Expires: December 31, 2019 Muhammad B. Saeed Term Expires: December 31, 2018 Danny Charles-Estain Term Expires: November 9, 2018 Jay Ali, Planning Board Representative Term Expires: December 21, 2019 Chantal Greffer, Acting Chairperson Term Expires: December 31, 2019 Jeanette Miller Term Expires: December 31, 2018 Roberta Martin Term Expires: December 31, 2020 Antonio Cardona, 1st alternate Term Expires: December 31, 2020

PDF: **ENVIRONMENTAL COMMISSION DOCUMENTATION**

PDF: **ENVIRONMENTAL COMMISSION DOCUMENTATION 2**

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**

Water Conservation Education Program

10 Points

Program Summary: Rain Barrel Demo – Fords Branch Library Tuesday, March 15th at 6:30 PM • The Woodbridge Township Environmental Commission conducted a Rain Barrel Demo & Seed Library Kickoff. the event was marketed to green team members, Woodbridge Township residents, and the general public. In total, there were about 12 people in attendance. One person came from Old Bridge, since reading about the Rain Barrel Demo in the newspaper, and he was the winner of the free rain barrel giveaway.

PDF: WATER CONSERVATION EDUCATION PROGRAM DOCUMENTATION

Habitat Conservation Ordinance *Retires 12/31/27*

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

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. Tree Canopy Goal adopted by the Woodbridge Township Environmental Commission at its meeting of Sept. 10, 2009. 2. End of Year Status Report. In 2017: Our DPW planted 23 trees.

Tree Maintenance Programs

10 Points

Program Summary: During 2017, the Department of Public Works removed 492 trees, 139 EAB removals, trimmed 203 trees, and planted 23 trees in the Township. Removals are up do to the Eastern Ash Borer Beetle. Annual Budget: Operating $25,000; Payroll $952,618; Equipment Repairs $32,640; Disposal $43,000. Total: $1,053,258.00. A second Tree Maintenance Crew was added and are up to fourteen (14) members.

PDF: TREE MAINTENANCE PROGRAMS DOCUMENTATION

Tree Planting *New 2026*

10 Points

Program Summary: This past year, Woodbridge Township Dept. of Public Works, Parks Division, planted 42 trees at 4 locations. 3 Weeping Cherry @ Fords Monument- 18’ root ball 24 Cypress @ Highland Grove- 36” root ball 10 Weeping Cherry & Cherry @ Woodbridge Park- 18” root ball 3 Weeping Cherry @ Sewaren Monument- 18” root ball

PDF: **TREE PLANTING PROGRAMS UPLOAD 1**

PDF: **TREE PLANTING PROGRAMS UPLOAD 2**

Operations & Maintenance

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 recycled COPY paper containing 30% post-consumer recycled content and 30% total recycled content. This paper continues to be used throughout the municipal buildings.

PDF: **RECYCLED PAPER DOCUMENTATION**

Green Grounds & Maintenance Policy *Retires 12/31/27*

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

Recycled Materials & Composting *Retires 12/31/27*

10 Points

Program Summary: The Township has an extensive leaf recycling program from October through December; the leaves are recycled into compost. However, Woodbridge no longer receives compost from the county. Woodbridge also recycles all tree chippings by using them in our municipal parks and playgrounds. Additionally, Woodbridge Township utilizes an in-house asphalt recycler. The recycler uses waste asphalt or milled materials to make new base layers for newly paved municipal roadways. Benefits: Hot asphalt mix available in just 10 minutes – at any time and any place. No need to use asphalt plants when it gets too cold out. We can use hot patch instead of hot patch. - Elimination of material, transport and disposal costs - Avoidance of hazardous waste thanks to 100% recycling - The recycling of 1 tonne of asphalt requires just 6 litres of fuel - In 2014, Woodbridge recycled 170 tons of asphalt. - In 2015, we recycled 185 tons of asphalt. - In 2016, we recycled 25 tons of asphalt. - in 2017, we recycled 35 tons of asphalt.

PDF: RECYCLED MATERIALS AND COMPOSTING DOCUMENTATION 1

PDF: RECYCLED MATERIALS AND COMPOSTING DOCUMENTATION 2

Public Information & Engagement

Municipal Communications Strategy

10 Points

Program Summary: The Township of Woodbridge municipal communications strategy starts with the Mayor and the public information officer. John Hagerty, the public information officer for Woodbridge, serves as liaison between Mayor’s Office and residents and Township Council, coordinating publicity efforts that inform residents of Township programs and services. This information includes code red phone calls, TV 35 videos and programming, press releases, Woodbridge E-News blasts, quarterly Woodbridge News publications, Facebook posts, and the maintenance and updating of the municipal website. The maintenance is performed by the Township’s Information Systems Department. The IS Department is responsible for all municipal and school information technology including computer programming, telecommunications and computer network operations. The newest communication channel is the twitter handle for the Avenel Street Mural project. It has been a great tool to get volunteers to help finish the mural in record time. A full inventory was just completed by our Public Information Officer and IS Department. This inventory is currently being used as a tool for the Township's new and updated municipal website. The new website is up and running in 2017 (http://www.twp.woodbridge.nj.us/). It will greatly help our residents to find multiple communication channels to gather township information.

PDF: MUNICIPAL COMMUNICATIONS STRATEGY DOCUMENTATION 1

PDF: MUNICIPAL COMMUNICATIONS STRATEGY DOCUMENTATION 2

Online Municipal Public Service Systems

10 Points

Program Summary: http://www.twp.woodbridge.nj.us/ Woodbridge Township's website is a one stop shop for all government services. Whether you want to construct a new building, report a pothole, or contact the police on a non-emergency, our municipal website has all the information and links available to process your request. Woodbridge also has a constant contact email system that sends weekly Woodbridge e-news messages, and employs two phone apps, the WoodbridgeNow app and the My Waste App. Please see the attachments for examples of multiple pages. Our new website allows residents to search departments, research through our new document center, and allow constituents to see department directories and contact information.

PDF: **ONLINE MUNICIPAL PUBLIC SERVICE SYSTEMS DOCUMENTATION 1**

PDF: **ONLINE MUNICIPAL PUBLIC SERVICE SYSTEMS DOCUMENTATION 2**

Digitizing Public Information

10 Points

Program Summary: Under the direction of the Township's Communications Director, Woodbridge has been working to put as much information on the township website (http://www.twp.woodbridge.nj.us/). The fully interactive website lists all pertinent information and by going digital, it has helped residents find information fro their computer or smart phone rather than making a trip town hall. http://www.twp.woodbridge.nj.us/172/Ordinances can be used to research and find general and land use ordinances by selecting the appropriate folder on our Code site. Additionally, on http://www.twp.woodbridge.nj.us/AgendaCenter/Council-5, residents can see the action items from each council meeting. Residents can then ask our Clerk's Office for copies of said ordinances and resolutions.

PDF: **DIGITIZING PUBLIC INFORMATION DOCUMENTATION**

Sustainability & Climate Planning

Municipal Carbon Footprint

10 Points

Bronze Priority Silver Priority

Program Summary: Woodbridge has updated its municipal carbon footprint for its 2016 application. The Municipal Carbon Footprint used data from the fleet and building inventory to track fuel and energy usage in order to calculate greenhouse gas emissions and the carbon footprint. This data will be compared to data from prior years to assist with the Energy Tracking and Management analysis.

EXCEL: **MUNICIPAL CARBON FOOTPRINT DOCUMENTATION (2015)**

EXCEL: **MUNICIPAL CARBON FOOTPRINT DOCUMENTATION (2014)**

Community Energy Plan or Climate Action Plan

10 Points

Program Summary: Our Sustainable Community Plan and Climate Action Plan (CAP) was submitted on September 3, 2010 and approved by the Woodbridge Township municipal council. It has been revised on May 2, 2018 and was adopted by the Woodbridge Township municipal counil on 8/21/18.

PDF: **CLIMATE ACTION PLAN DOCUMENTATION 2**

PDF: **CLIMATE ACTION PLAN DOCUMENTATION 1**

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. Maps have been updated in 2016 in our GIS system and reflect all ten towns of Woodbridge Township. All residents can utilize the township's GIS viewer on the township website. Challenges: Determining what is an asset. While simple, a few discussions revealed different ideas towards our community assets. This map is just a start and will be updated with new layers of newly built or identified assets. Opportunities: The Community Asset maps are helping to determine potential bike lanes throughout the township. The maps helps to provide linkages to and from parks, schools, libraries, government establishments, etc. It also helps highlight where the Township is lacking in certain areas such as open space and recreational opportunities.

PDF: **COMMUNITY ASSET MAPPING DOCUMENTATION (OLD)**

PDF: **COMMUNITY ASSET MAPPING DOCUMENTATION (NEW)**

Waste Management

Prescription Drug Safety & Disposal

10 Points

Bronze Priority Silver Priority

Program Summary: On December 1, 2014, the Woodbridge Police Department began participating in the state sponsored “Project Medicine Drop” program. This program allows any person to safely and anonymously surrender any and all prescription and over the counter drugs at our location 24 hours a day, 7 days a week. The drugs are then safely stored in the evidence unit and disposed of by incineration. On October 22, 2016, the Woodbridge police Department hosted "Operation Prescription Drug Take Back." “Operation Prescription Drug Take Back Day” is part of the Drug Enforcement Administration (DEA) - New Jersey Division program that encourages Woodbridge Township residents to safely dispose of unwanted, unused, and expired prescription drugs and medicines. This event is also held in the spring. In 2016, Woodbridge collected 885 lbs. of prescription drugs.

PDF: **PRESCRIPTION DRUG SAFETY AND DISPOSAL DOCUMENTATION**

Recycling & Waste Reduction Education & Compliance

20 Points

Bronze Priority Silver Priority

Program Summary: Waste and recycling collection is performed under the jurisdiction of the Department of Public Works in Woodbridge Township. Woodbridge Township began the conversion to the Automated Trash Collection Program and Single Stream Recycling in 2009 and it was fully completed by the end of 2010. Single stream recycling provides a much more efficient collection system because it gives us the ability to collect all recyclables every week. This helps tremendously to improve resident participation because residents do not have to wait every other week to put either their paper or commingled out according to schedule. Very simple…everything goes out once every week in one container. This year, we’re changing the annual Spring Clean-Up & Bulk Waste curbside collection program – instead of the complicated curbside pick-up schedule that ran from April through June, we’re now offering every residential household a one-time per year bulk waste pick-up. The revised bulk waste collection system is more convenient for resident homeowners and allows the Department of Public Works to better manage bulk waste collection. To help with education and outreach, the 2017 calendar is accompanied by the MyWaste APP – a FREE mobile APP that puts all of the information about our trash, recycling and special collection events right at your fingertips. The MyWaste APP provides “up-to-the-minute” information about trash and recycling collection, special collection services, and so much more... keeping you connected with just one touch. The MyWaste APP download is FREE and is available by going to: www.my-waste.mobi. Select the icon link either to the iPhone/iPad or Android APP store. Our municipal recycling calendar, which is a one-stop shop all all things recycling and waste reduction, is mailed to all households in December/January. The calendar is updated every year with new information and is also available online on the township website. Additionally, Woodbridge has utilized the MyWaste APP to for another resource for daily and up-to-the-minute information regarding recycling and waste reduction information. Another app, the Woodbridge Now app, has a schedule of events Woodbridge makes every effort to market events such as the composting workshops and the mow and go program. Woodbridge also publishes quarterly Woodbridge News publications which are also mailed to every household in town. Additional Woodbridge News publications are brought to libraries, places of worship, and senior buildings. The Woodbridge eNews blast is emailed every Friday and to all emails who have signed up for the service. The Greenable Woodbridge website is also a resource that is updated on a monthly basis that provides new info for all of our residents and businesses. Moreover, Woodbridge hosts a monthly TV show entitled Greenable Woodbridge which covers a wide array of topics regarding sustainability (pg 59). Links to past shows are available on our municipal website. All resources above are updated periodically throughout the year to keep our community aware of programs such as the mow and go program, composting workshops, earth day,

paper shred day, etc. The MyWaste APP specifically has been a great resource and Woodbridge provides many links to the above on its municipal website under the Department of Public Works. Information is also posted on our website: http://www.twp.woodbridge.nj.us/239/Public-Works

PDF: **RECYCLING AND WASTE REDUCTION EDUCATION AND COMPLIANCE DOCUMENTATION**

Community Paper Shredding Day

5 Points

Program Summary: Woodbridge Township held its Community Paper Shredding Day on July 23, 2016; 322 people brought in 16,980 lbs. of paper to be shredded. The event is advertised on our web site, via news releases, special flyers and in paid advertisements in the Home News Tribune. 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. The 2017 event was held on June 10, 2017. 321 residents attended and 18,070 lbs. of paper was shredded.

PDF: **COMMUNITY PAPER SHREDDING DAY DOCUMENTATION**

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

Construction & Demolition (C&D) Waste Recycling *Retires 12/31/27*

15 Points

Program Summary: ** This IS the Policy as included in the larger Ordinance. Construction and Demolition Waste Recycling Policy as Included in the Land Use and Development Ordinance of the Township of Woodbridge, Adopted February 22, 2011 (16.2) Use of Class B recycled materials encouraged. (a) The Township encourages the use of Class B recycled materials from a local, approved Class B recycling facility in private, nonresidential projects and public works projects undertaken by the Township, provided that said materials meet applicable engineering specifications and are acceptable to the NJDEP for said materials' intended end use. (b) The Township shall further encourage the use of Class B recycled materials in any construction, development, redevelopment or renovation project by any party by including with all building, Planning Board or Zoning Board of Adjustment applications information regarding the benefits of using recycled materials, along with a statement that the Township is committed to the use of recycled materials as a way to improve the environment and preserve natural resources. (16.3) In connection with the application for any nonresidential project approval under Subsection A(16), utilizing Class B recycled materials, the applicant shall provide documentation of the proposed source of the intended Class B recycled material, and the provider of such material shall certify its suitability for the intended use. With respect to proposed public works projects, the Municipal Engineer shall determine the appropriateness of using the Class B recycled materials for such projects, and the provider of such material shall certify to the Township its suitability for the intended use. The provider shall supply the Township with adequate assurance that, in the event that NJDEP at some future date declares the use of such material inappropriate for a public works project, the provider shall indemnify the Township for the costs of the removal of the material and its replacement with a suitable substitute. (16.4) Class B recycled materials is defined as processed concrete, asphalt, brick, block, glass cullet, nonhazardous soils and any nonvirgin, environmentally clean construction soils and/or overburden from jobsites, either screened or unscreened, that is accepted and processed by a Class B recycling facility approved by the New Jersey Department of Environmental Protection. (16.5) a) All Class-B recycled materials as defined in Section 150-24 (16.4) of this Land Use Ordinance; created by or resulting from demolition of any structure or portion of a structure within the Township, shall be disposed of at a local New Jersey Department Of

Environmental Protection approved Class-B Facility. b) Upon the request of the Township, the person or entity to whom a demolition permit was issued shall within 2 business days of the request, provide proof reasonably satisfactory to the Township that all Class-B recycled materials as defined herein, were disposed of in accordance with this ordinance. ---------- FULL SUMMARY is contained in the attached file C&D Ordinance.pdf Zoning Permit Application attached with required information for construction/demolition waste recycling.

PDF: **CONSTRUCTION AND DEMOLITION WASTE RECYCLING DOCUMENTATION 1**

PDF: **CONSTRUCTION AND DEMOLITION WASTE RECYCLING DOCUMENTATION 2**

Household Hazardous Waste

15 Points

Program Summary: At the Woodbridge Township Municipal Recycling Center we always accept year-round: - Anti-Freeze - Motor Oil - Rechargeable & Car Batteries - Consumer Electronics - Paint - Propane Tanks Woodbridge advertises this information to our constituents via handouts, yearly recycling calendar, website, My Waste App, & newspapers.

PDF: **HOUSEHOLD HAZARDOUS WASTE DOCUMENTATION**

PDF: **HOUSEHOLD HAZARDOUS WASTE DOCUMENTATION 1**

PDF: **HOUSEHOLD HAZARDOUS WASTE DOCUMENTATION 2**

Non-Mandated Materials Recycling

40 Points

Program Summary: Bulky rigid plastics- Woodbridge has a 30 yd container in the Convenience Center for collecting it. We also offer FREE curbside pick-up. So far I have 53.12 tons for 2017. Plastic Bags/Shrink Wrap- Woodbridge has drop off containers at the Recycling Center, Town Hall, Community Center (new), Sycamore, Evergreen, & DPW building. We send bags/film to TREX and received a bench made from TREX material every year. In 2017 we collected 1,936 lbs. Plastics #3-7- These are picked up with our curbside recycling, we take all plastics #1-#7. See January and July in calendar. Textiles- Woodbridge has drop off clothing bins at the Recycling Center. There are also bins at the local libraries, schools, and churches. From these locations we took in 227.86 tons. This does not include clothing drives. Cooking Oil- Woodbridge has a container for residents to drop off their cooking oil at the Recycling Center. We also supply free containers for them to bring their cooking oil in (courtesy of Middlesex County Recycling). In 2017, we recycled 1.133 tons. Woodbridge Township, Division of Recycling has started a monofilament (fishing line) recycling program at the Sewaren Boat Launch and the Woodbridge Township Marina. Fishermen are encouraged to put their unwanted fishing line into the labeled white pvc, monofilament recycling container. These containers will be serviced by the Division of Recycling. The monofilament line will be collected, sent to a recycler, melted down into plastic pellets, and then made into other plastic products. Fishing line that is discarded in our waterways and on land, is responsible for many wildlife deaths due to entanglement, and for fouling boat propellers. Fishing line that is thrown out in the garbage can end up in the environment; either by blowing out of garbage cans or a landfill, or by being taken out by birds or animals. Monofilament line in non-biodegradable and can last hundreds of years. By using these recycling containers and collecting and recycling the fishing line, we can make sure that it is removed from the environment.

PDF: **NON-MANDATED MATERIALS RECYCLING DOCUMENTATION (BULKY RIGID PLASTIC)**

PDF: **NON-MANDATED MATERIALS RECYCLING DOCUMENTATION (COOKING OIL)**

PDF: NON-MANDATED MATERIALS RECYCLING DOCUMENTATION (OTHER - FISHING LINE)

PDF: NON-MANDATED MATERIALS RECYCLING DOCUMENTATION (RECYCLING CALENDAR - TEXTILE AND PLASTICS 3-7)

PDF: NON-MANDATED MATERIALS RECYCLING DOCUMENTATION (SHRINK WRAP & PLASTIC BAGS)

PDF: NON-MANDATED MATERIALS RECYCLING DOCUMENTATION (FLYERS, TONNAGE REPORT, & OTHER DOCUMENTATION)

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. 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,Textiles, Books, Cooking Oil, Plastic Bags/Film, Shredded Paper.

PDF: RECYCLING DEPOT DOCUMENTATION

PDF: RECYCLING DEPOT DOCUMENTATION 2

Backyard Composting Program

5 Points

Program Summary: Backyard Composting: 4 Workshops held. October 22, 2016: Was held at the Fords Library. Residents learned everything they needed to know about Backyard Composting with an introduction to Vermicomposting (worms). We had 24 people attend. 2 backyard composters were raffled off for free. March 4, 2017: Was held at Henry Inman Library. Residents learned everything they needed to know about Backyard Composting with an introduction to Vermicomposting (worms). We had 35 people attend. 2 backyard composters were raffled off for free. April 1, 2017: Was held at Iselin Library. Residents learned everything they needed to know about Backyard Composting with an introduction to Vermicomposting (worms). We had 17 people attend. 2 backyard composters were raffled off for free. May 6, 2017: Was held at the Main Library. Residents learned everything they needed to know about Backyard Composting with an introduction to Vermicomposting (worms). We had 25 people attend. 2 backyard composters were raffled off for free. We advertised the event in handouts, calendar, website, My Waste App. Total of 101 people attended.

PDF: BACKYARD COMPOSTING PROGRAM DOCUMENTATION

Grass – Cut It and Leave It Program *Retires 12/31/27*

5 Points

Program Summary: Grasscycling, the natural way to have a green, healthy lawn while spending less time and money, builds a healthier, more natural lawn and helps manage grass clippings instead of hauling them to a landfill. A typical lawn of 5,000 square feet generates about 75 pounds of clippings per mowing. In fact, the Woodbridge Township Department of Public Works collects more than 6,000 tons of grass clippings each year which costs over $375,000 in additional landfill fees. Years of research have shown that by mowing frequently (5-6 times a month) and not bagging those clippings, lawn owners can save up to 40% of the time they spend on routine lawn care! Woodbridge Township is now in year two of providing educational outreach in regards to grasscycling. Information has been on display on our Township website, E-news blasts, Woodbridge News mailings, our recycling calendar, local TV 35 shows, and at public events such as the Health Fair, America Recycles Day, Earth Day, and National Public Lands Day.

PDF: GRASS - CUT IT AND LEAVE IT PROGRAM DOCUMENTATION

Waste Audit of Municipal Buildings or Schools *Retires 12/31/27*

10 Points

Program Summary: The waste audit on Friday 10/21/2016 was amazing at JFK High! It was conducted by Gary Sondermeyer of Bayshore Recycling and set up and supported by Mayor McCormac and his staff, specifically Tom Flynn and Jeffrey Mayerowitz. Teacher Ricky Viteri must have had close to 100 volunteers and it came off great and we only went about 7 minutes over our 4:00 end time! Here are some of the big findings: • We found 27 pounds of “recyclables” in the trash or had a 36% contamination rate of materials thrown out that were clearly recyclable; • Of the recyclables found in the trash, 17 pounds or 63% was plastic and mainly plastic water bottles and containers; • We found 14 pounds of solid waste thrown into the recycling receptacles for a contamination rate of about 25% (which is not bad at all); • Of the total of 41 pounds of recyclables collected, about 35% was office paper and 35% plastic containers. Small quantities of cardboard and aluminum cans were also found; • Based on what was placed in the solid waste and recycling receptacles (the 74 pounds of solid waste and 55 pounds of recyclables), the sample represented a 43% recycling rate; • IF the 27 pounds of recyclables found in the solid waste cans were properly recycled, our sample would have represented a 58% recycling rate (the average statewide recycling rate for municipal waste in New Jersey is 41%) I think these results can be used to message a few things to JFK High School students: • Overall you are doing a very good job with recycling in the school, but can do better! • Our “waste stream,” as can be expected, is primarily paper and plastic water bottles and other plastics; • We need to be more mindful to place all recyclable plastic in the recycling container and not the waste bucket. I hope you find this useful – the kids were OUTSTANDING - lots of enthusiasm, in no small part of their teacher who is clearly inspiring these kids!

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