



Sustainable Jersey Certification Report

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

West Windsor Twp was certified on October 22, 2013 with 450 points. Listed below is information regarding West Windsor Twp's Sustainable Jersey efforts and materials associated with the applicant's certified actions.

Contact Information

The designated Sustainable Jersey contact for West Windsor Twp is:

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Actions Implemented

Each approved action and supporting documentation for which West Windsor Twp was approved for in 2013 appears below. Note: Standards for the actions below may have changed and the documentation listed may no longer satisfy requirements for that action. Additionally, points associated with actions prior to 2013 certifications may not be accurate.

Animals in the Community

Pledge Supporting NJ Wildlife Action Plan *Retired 12/31/22*

10 Points

Program Summary: WW Twp Wildlife Action Plan - Summary of actions - Council Resolution and Distribution Memorandum are provided. Please note West Windsor Township does not have a specific of separate Transportation Board or Economic Development Committee. The Township Planning Board and Administration undertake these tasks. The distribution of this pledge to the Transportation Board and Economic Development Committee is handled by sending the resolution

to the Planning and Zoning Boards. The Township Administration reviews the document as part of the Township Council adoption. Updated October 2010

WORD: [WW TWP - WILDLIFE ACTION PLAN](#)

PDF: [WW TWP - WILDLIFE ACTION PLAN](#)

WORD: [WW TWP - WILDLIFE ACTION DISTR](#)

Community Partnership & Outreach

Community Education & Outreach

10 Points

Program Summary: West Windsor Township Community Education and Outreach West Windsor Township and the Environmental Commission conduct extensive community education and outreach activities The following illustrate our activities over the last 18 months. • The Commission holds an advertised public meeting the second Thursday of each month at 7:30 PM at the Municipal Building • The Commission operates a website: http://www.westwindsornj.org/enviro_commission.html • Commission members staff a booth at the Farmer's Market, most recently September 8, 2012. Literature from the Clean Energy Program is made available • Environmental Commission representatives deliver annual presentations in NJIT's Energy and Sustainability graduate and undergraduate courses. Presentation information includes the New Jersey Clean Energy Program, Sustainable Jersey, Greening Your House and Solar Power • The township distributes storm water management literature annually to each resident • The Environmental Commission appears at Council meetings several times a year on various matters, including providing a recent presentation on the Environmental Education Center • Participate in ANJEC's Legislative Day at the Statehouse • Member of Sustainable Jersey's Green Fleets Task Force • Periodically meet with other environmental commissions in Mercer County • Working with Rutgers Center for Green Building to raise awareness of green building initiatives to commercial property owners • The Environmental Commission conducts an annual Earth Day Stream Cleanup program with the Stony Brook Millstone Watershed Association. • West Windsor Township has conducted an Arbor Day celebration for the past 34 years. Includes a school art or poetry contest to attract families to the event. Frequently, a Girl Scout Silver or Gold or Boy Scout Eagle Service Project is coordinated to the Arbor Day celebration to add an educational element to the ceremony

PDF: [ARBOR DAY FLYER](#)

PDF: [STREAM CLEANUP FLYER](#)

WORD: [SAMPLE NEWS ARTICLES ON EDUCATION AND OUTREACH INVOLVING WW ENVIRO COMMISSION](#)

IMAGE: [WEST WINDSOR ENVIRONMENTAL COMMISSION WEBSITE](#)

PDF: [OUTREACH TO COMMERCIAL BUILDING OWNERS ABOUT ENERGY EFFICIENCY](#)

POWERPOINT: [PRESENTATION TO NJIT ABOUT SUSTAINABLE JERSEY](#)

Green Team

10 Points

 Bronze Required

Program Summary: West Windsor Township Environmental Commission West Windsor Township Green Team Activities Report September 2013 In the past year, West Windsor has been actively participating in the Sustainable Jersey Program and other activities. The township uses the Sustainable Jersey program to help set priorities. The Environmental Commission operates on a budget of \$12,000. In the past year, the following list illustrates some of our activities:

- Executing Sustainable Jersey Program
- Prepared Draft Climate Action Plan
- Municipal Carbon Footprint
- Community Carbon Footprint
- Coordinating with other Mercer County ECs
- Participating in Sustainable Jersey's Green Fleet's Task Force
- Participated in ANJEC's Capital Day
- Developed Riparian Ordinance
- Backyard Composting Outreach
- Community Education and Outreach
- Outreach Campaign to Local Business Community with Rutgers Center for Green Building
- Anti-Idling Program
- Building Healthy Communities
- Maintain Web Site
- Municipal Energy Audits and Upgrade
- Annual Stream Cleanup

The Draft Climate Action Plan (CAP) was prepared in August 2013. The next steps are public outreach and formal adoption. We are presently auditing every government building through the Local Government Energy Audits Program. Ongoing energy use being tracked through EPA's Energy Star Portfolio Manager. An Audit Report is due Fall 2012. We have a Partnership with Rutgers Center for Green Building to implement an Energy Efficiency Targeted Marketing Program for local building owners. We prepared a Municipal Carbon Footprint and a Community Carbon Footprint. We are coordinating with other Mercer County ECs. We are participating in Sustainable Jersey's Green Fleet's Task Force. We participate in ANJEC. We developed a Riparian Ordinance for streams leading to drinking water sources. The police operate a comprehensive Anti-Idling Program. The Girls Scouts coordinate our Building Healthy Communities program. We perform an Annual Stream Cleanup with the Stony Brook Millstone Watershed Association. Environmental Commission Website www.westwindsornj.org/enviro_n_commission.html A PowerPoint presentation on our progress is also posted on this Green Team section of the application. The report has been provided to Mayor and Council and posted on the township website, www.westwindsornj.org.

PDF: [WW TWP GREEN TEAM COUNCIL RESO](#)

PDF: [CREATE GREEN TEAM DOCUMENTATION](#)

PDF: [UPLOAD 3 AFFIRMATION OF GREEN TEAM 2013](#)

Green Fair

10 Points

Program Summary: On October 3, 2009 the West Windsor Township Environmental Commission, West Windsor Community Farmer's Market, FOWWOS (Friends of West Windsor Open Space), the West Windsor Arts Council, and the West Windsor Bicycle & Pedestrian Alliance hosted the 2nd. Annual GroWW Environmental Education Fair from 10 am to 2 pm at the West Windsor Community Farmers' Market in the Vaughn Drive Commuter Parking Lot, near the Princeton Junction Train Station.

PDF: [WEST WINDSOR ENVIRONMENTAL FAI](#)

Energy

Energy Tracking & Management

10 Points

 Bronze Priority  Silver Priority

Program Summary: The Township participated in the Local Government Energy Audit Program, a New Jersey Board of Public Utilities Clean Energy Program. The audit of Municipal buildings was paid for through a State grant. West Windsor hired a NJ State certified engineering firm, CDM Smith, to analyze energy consumption, evaluate electrical systems and determine various conservation measures to take to save significant costs and to prepare for the future building needs of our growing community. The Township will continue to monitor its energy use annually through the Energy Star Portfolio Manager. This program tracks improved energy efficiencies with the newly adopted energy management practices recommended by the audit professionals. The downloads include the Energy Use chart for all 9 Municipal buildings and 5 of the 9 Statement of Energy Performance since only 6 downloads are allowed. Tony O'Donnell will input the other 4 bldgs. from the email sent to him on 9/13/13. Due to a software glitch on ESPM, noted by Tony O'Donnell, we could not link SJ to our account.

PDF: [WW MUNICIPAL BLDG ENERGY DATA 1.5 YRS](#)

PDF: [SEP ARTS CENTER STATEMENT](#)

PDF: [SEP MUNICIPAL BLDG STATEMENT](#)

PDF: [SEP POLICE-COURTHOUSE STATEMENT](#)

PDF: [SEP VOL FIREHOUSE STATEMENT](#)

PDF: [SEP SENIOR CENTER STATEMENT](#)

Municipal Geothermal Energy System

10 Points

Program Summary: WW Twp - Installed a geothermal HVAC system at the Thomas Grover Middle School. Held two community outreach events within the last two years to educate citizens about geothermal systems.

WORD: [GEOTHERMAL.DOC](#)

Municipal Onsite Solar System

10 Points

Program Summary: West Windsor Township has completed the installation of a solar PV power system on the roof of the Senior Citizens center. In addition, solar-powered outdoor LED lighting with battery back-up has been installed around the center. The system was placed into operation in June 2010. Outreach/education efforts, a photo and system specifications are detailed in the attachment.

WORD: [SOLAR AND OFF-GRID SOLAR-LED-B](#)

Fleet Inventory

10 Points

 Bronze Priority  Silver Priority

Program Summary: WW Twp - Municipal fleet inventory spreadsheet and narrative report uploaded.

EXCEL: [2009 FLEET](#)

WORD: [GREEN FLEET NARRATIVE REPORT](#)

Purchase Alternative Fuel Vehicles

10 Points

Program Summary: WW Twp. purchased a hybrid or alternative fuel vehicle in January 2010 and it is still in service. Attached documents provide verification of this purchase.

WORD: [WW TWP PURCHASE ALTERNATIVE FU](#)

PDF: [WW TWP. ALTERNATIVE FUEL VEHIC](#)

Food

Community Gardens

10 Points

Program Summary: 2013: The robust community garden remains in operation. A recent addition to the garden consists of a water harvesting system. Water from an adjacent rooftop is collected in a 1,000 gallon storage tank for use at the garden. In addition, there is a new children's community garden at the West Windsor library. The school gardens at the Dutch Neck School and Village School are documented in the attachments.

PDF: [COMMUNITY OR SCHOOL GARDENS DOCUMENTATION](#)

PDF: [COMMUNITY OR SCHOOL GARDENS DOCUMENTATION](#)

Farmland Preservation Plans

10 Points

Program Summary: 2013: The Plan is an Element of the Twp Master Plan, which is updated every six years. The plan was last updated August 18 2010. WW Twp. Farmland Preservation Plan element link and the progress report of the Agricultural Advisory Committee are provided.

WORD: [WW TWP. FARMLAND PRESERVATION](#)

PDF: [FARMLAND PRESERVATION PLANS DOCUMENTATION](#)

Farmers Markets

10 Points

Program Summary: 2013 Farmers Market Founded in 2004 with eight farms and a bakery, the West Windsor Farmers' Market, at Vaughn Street parking lot of the Princeton Junction train station, is now in its tenth year. This past year, in 2012, it was voted the number one farmers' market in New Jersey, by American Farmland Trust. The farmers' market currently hosts 16 farm vendors, including Terhune Orchards, Stults Farm, Hopewell Valley Vineyards, and North Slope Organic Farm. Non-farm vendors number ten, and include Jammin' Crepes, Happy Wanderer Bakery, Terra Momo Bread Company, and Tico's Eatery and Juice Bar. Most strikingly, the Farmer's Market, while promoting the sustainable principle of buying locally and supporting local farms, partners with other community organizations to create a vibrant town center during its hours of operation, 9 a.m. - 1 p.m. every Saturday, rain or shine. The West Windsor farmers' market was recently featured in a new web series developed by Greener New Jersey productions. An informative video, about the farmers' market can be seen on www.greenernewjersey.org/fresh/; scroll down to "Sharing the Abundance—America's Grow a Row)." Typically participating community groups include the University Medical Center of Princeton and the Yes We Can Food Drive to Benefit Crisis Ministry of Princeton and Trenton. The 4H club has a stand where students run a demonstration on how to compost. The Twin W First Aid Squad volunteers take blood pressure for free. A cooking demonstration may showcase the preparation of gluten-free dishes. Neighbors and friends from nearby towns stop to greet each other. A local musician plays Broadway favorites on his guitar. The farmers' market promotes sustainability in some basic and important ways: 1. Local farms are supported; 2. Trips to distant farms are avoided; 3. Healthy living is encouraged; all in the town center where people gather.

Buy Fresh Buy Local Programs

10 Points

Program Summary: WW Twp - Description of Buy Fresh Buy Local programs is provided. This includes costs, partners and efforts undertaken. These programs are currently active (2013) and has been for the past three years. The municipality advertises the CSA via the Municipality bulletin board and provides contact information to new residents or inquiries. Attached document offers images of the bulletin board.

WORD: BUY FRESH BUY LOCAL PROGRAMS DOCUMENTATION

WORD: BUY FRESH BUY LOCAL PROGRAMS DOCUMENTATION

Making Farmers Markets Accessible

5 Points

Program Summary: 2013 Making Farmers Markets Accessible The West Windsor Farmers' Market operates in the center of town on Township owned property (property managed by the

West Windsor Parking Authority), in a parking lot next to the Princeton Junction train station. It has operated at this location seasonally since 2004. The site is highly accessible to residents and visitors who come by train and have a few minutes' walk to the market, and takes advantage of the ample parking in the commuter lot during warm weather weekend days. The market's frequently-updated website with a listing of market events and links to other community organizations can be found at www.westwindsorfarmersmarket.org. The directions link from the web site depicts the location of the market, which is within 1/4 mile of the train station. The Township Community Development office mails, collects and documents the farmers' market applications and insurance certifications each season. The farmers' market coordinates its activities with the West Windsor Health Department for vendors requiring a health department license. The Township is an active supporter of the farmers' market; it posts substantial signage throughout the Township including weekly messages on the large electronic sign at the Township Arboretum on the corner of Route 571 and Clarksville Road. The Township provides additional support including; portable toilets; trash and recycling pick-up; electricity; website listing; and social media forwards of farmers' market posts. The Township also supplies large pop-up tents, allowing the market to operate rain or shine. Three participating farms accept WIC and FMNP coupons, including Terhune Orchards, thus increasing accessibility to the farm products sold at the farmers' market.

Green Design

Green Building Education

5 Points

Program Summary: 2013: West Windsor Township has made available information on Green Building by two means. First, the NJ Green Home Remodeling Guidelines and the USGBC/ASID Regreen Guidelines are placed at the counter in the Community Development Department, which is where zoning and construction permits are processed. The cover of these documents has been augmented with a text box promoting and describing the guidelines. The web page link for these documents is also posted on the cover page. In the document binders loose sheets are provided for readers to take notes. These sheets include the web addresses and a "ways to go green" list on the back of the sheet. Second, a link to both of these guidelines is posted on the Township web page: <http://www.westwindsornj.org/> The Township has completed the actions under the Green Building Checklist for site plan applications. This checklist is part of the site plan application as well as the review of applications by the Land Development Boards and Environmental Commission.

WORD: GREEN BUILDING EDUCATION DOCUMENTATION

WORD: GREEN BUILDING EDUCATION DOCUMENTATION

Create a Green Development Checklist

10 Points

Program Summary: WW Twp - Description of the West Windsor Twp Green Building Checklist and the ordinance making submission of a completed checklist a requirement for all subdivision

and site plan applications is provided in the uploaded documents.

WORD: [WW TWP GREEN BLDG CHECKLIST DE](#)

WORD: [WW TWP GREEN BUILDING CHECKLIS](#)

PDF: [WW TWP - GREEN BLDG CHECKLIST](#)

Green Building Policy/Resolution

5 Points

Program Summary: West Windsor Township Resolutions 2010-R134, Green Building Policy, adopted June 14, 2010

PDF: [WW GREEN BUILDING POLICY RESOL](#)

Health & Wellness

Anti-Idling Education & Enforcement Program

10 Points

Program Summary: West Windsor Anti-Idling Program West Windsor Township has established an Anti-Idling Education and Enforcement Program in accordance with the Sustainable Jersey program. Program Description The program is led by the West Windsor Police and consists of education, outreach and enforcement elements. Project Team The project team consists of: • West Windsor Police Department: The Police Department is responsible for program implementation • West Windsor Environmental Commission: The Commission provided guidance to the Police on the importance of the program and Sustainable Jersey requirements • West Windsor Council: The Council passed a comprehensive Anti-Idling Resolution on July 19 2010, supporting anti idling efforts Outreach, Education and Enforcement The West Windsor Township Police Department has designated and mapped the following area as target locations for enforcement: - The Princeton Junction Train Station: The area is heavily used by buses and other vehicles drivers to pick up and discharge passengers - Nassau Park: West Windsor's major shopping center Department of Transportation approved Anti-idling signs have been installed at the train station, and at the rear of the police station. Additional signage has been installed at West Windsor's principal shopping center, Nassau Park, in 2013. The West Windsor Township Police Department has developed an enforcement plan to promote compliance with the anti-idling recommendations. The police department routinely patrols the designated areas and takes appropriate action to address any violations of the law. Anti-idling literature has been made available within the lobby of Police headquarters and the West Windsor Municipal Complex. The literature is also posted on the township and police department websites: <http://www.westwindsornj.org> and www.westwindsorpolice.com. The Environmental Commission met with the largest bus fleet operator on Sept. 3 2013 and provided anti idling information to the Board of Education. Municipality's Role Program development and implementation was made possible through the efforts of three municipal entities: the Environmental Commission, the Police Department and the Council.

IMAGE: [UPLOAD 1: MAP DEPICTING TARGETED ENFORCEMENT AREAS](#)

Building Healthier Communities

20 Points

Program Summary: Note: (Documentation for Mayors's signed Proclamation, Youth in Motion, Communities in Motion, Seniors in Motion and Employees in Motion attached) 1.MAYORS SIGNED PROCLAMATION -Proclamation signed by the Mayor Shing Fu Sheuh 2. YOUTH IN MOTION - The Mayor's Wellness Program in West Windsor community supports several programs for promoting youth wellness activities locally. Listed below are some specialized youth programs implemented promoting overall youth well being for building healthier communities. --West Windsor Township Youth Activities - All year varied sports activities like basketball, soccer, tennis swimming, fencing, golf, fitness, swimming and yoga programs Mercer County Youth Programs West Windsor Little League - Recreational baseball league --West Windsor Girls Scouts- Encourages youth leadership and healthy activities related to going green and healthy lifestyle --West Windsor Boys Scouts - Youth leadership activities for building healthy communities --West Windsor Bike and Pedestrian Alliance- Promotes outdoor activities like bicycling and walking for healthy living --West Windsor Little League - Has year round baseball programs, softball and T ball programs --West Windsor Basketball Association - Recreational Basketball league --West Windsor Lightening Lacrosse Association - Recreational lacrosse league --West Windsor Tennis Association --West Windsor School Athletics -The WWP school has a very strong sports program encouraging physical activity --West Windsor Football and Cheerleading --Princeton Rowing: Has world class teams and programs all year to encourage this sport. 3.COMMUNITIES IN MOTION -West Windsor community has supported several outreach activities to build healthy communities. Some of the activities that has continued to improve every year and very popular include activities in the township parks. --West Windsor Township -Numerous Park facilities encourages walking, biking and hiking.Waterworks has excellent swimming facilities for youth and adults. --West Windsor Community Education - Conducts a variety of fitness classes --West Windsor Arts Center -Also conducts yoga, fitness and mind relaxation for adults and children. --Mercer County Park and Fitness has several healthy options for area residents --Mercer County Golf- Excellent golf courses --West Windsor Farmer Market -Local farmers promote healthy weekly market promoting health organic food sold directly from farmers 3.SENIORS IN MOTION - Our community has a vibrant senior center with active participation from senior in a variety of health and wellness activities promoting both physical and mental well being. Some of the popular programs which has engaged senior over the last two years --West Windsor Senior Center - Monthly Health Screenings Flu Shots - Health, Tai Chi Exercise Classes,Strength Training and Yoga classes --Bear Creek Assisted Living -The township also has an assisted living facility that provides several healthy activities and options for the seniors living in the facility --Elements at West Windsor - The 55 plus community stays busy and active both indoors and outdoors 4. EMPLOYEES IN MOTION --West Windsor Township communicates to employees and area resident about Health Tips. Healthy eating and exercise and several local companies were contacted to inquire about health and wellness programs. --Carnegie Center has several walking trails and fitness centers which are free for all employees with offices at the Carnegie Center Covance, Black Rock , American Red Cross also shared health and wellness programs they support locally for their employees

PDF: [PROCLAMATION SIGNED BY MAYOR](#)

PDF: [YOUTH IN MOTION DOCUMENTATION](#)

PDF: [COMMUNITIES IN MOTION DOCUMENTATION](#)

PDF: [SENIORS IN MOTION DOCUMENTATION](#)

PDF: [EMPLOYEES IN MOTION DOCUMENTATION](#)

Innovative Projects

Innovative Community Project 2

10 Points

Program Summary: West Windsor Township has included an environmental education exhibition at the old Schenck Farmstead site at 70 Southfield Road. The exhibition is located in a climate-controlled room, the small artifacts room, in a newly renovated barn. The new environmental exhibition creates opportunities for visitors to have inspiring experiences that will raise awareness of environmental and conservation issues in the West Windsor area including wildlife in and around the township. It is open to the public at the same times that the historic farmhouse is open, including visitation by school groups and special holiday events. Current exhibitions feature objects that relate to the Township's agricultural heritage, with interpretation of compatibility of agriculture with the natural environment, represented by the adjacent Zaitz Woods Nature Preserve. The exhibits include local farming and food production practices, common invasive and native species, issues of polluting pesticides, and sustainability elements such as recycling. Target audiences for the exhibition are students up to fourth grade level in public and private schools, and those who are home schooled. Exhibits are to be integrated into the 4th grade public school curriculum, with conducted tours of the exhibits. Other targeted visitors include scouting groups (boys and girls). The secondary audience is local residents and their guests, and Township and Historical Society event participants. Although already open to the public, design development is on-going, with newly designed long-term and short-term exhibits already designated. These will include original woodland flora, natural predators, and water resources. In conjunction with the professional design, the New Jersey State Museum has provided lists of taxidermy mounts and other objects that can be loaned in support of changing exhibitions. Funding in the amount of \$150,000 was secured for the project. Future concept plans were most recently presented to Council in the Spring of 2013.

IMAGE: [SCHENCK FARMSTEAD SIGN.JPG](#)

IMAGE: [ZAITZ NATURE PRESERVE SIGN.JPG](#)

IMAGE: [SCHENCK FARMSTEAD ENVIRONMENTAL CENTER](#)

IMAGE: [SCHENCK FARMSTEAD AGRICULTURAL EXHIBITS.JPG](#)

PDF: [WEST WINDSOR COUNCIL ENTRY](#)

PDF: [WW HISTORY MUSEUM AT SCHENCK FARMSTEAD](#)

Land Use & Transportation

Sustainable Land Use Pledge

10 Points

 Bronze Priority  Silver Priority

Program Summary: West Windsor Resolution 2010 R-133, Sustainable Land Use Pledge, adopted June 14, 2010

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

10 Points

Program Summary: 2013: WW Twp adopted a Sustainability Element to the Master Plan on October 14, 2009. The Master Plan is readopted every six years, so the Element is still in effect. Attached is a brief summary and link to the Township web page and the element.

WORD: [WW TWP SUSTAINABILITY ELEMENT](#)

Natural Resources

Tree Protection Ordinance *Retires 12/31/25*

10 Points

Program Summary: West Windsor Tree Protection Ordinance Chapter-170 is provided in the attached document with dates of adoption and last amendment. We do not have resolutions or minutes from public meetings for these ordinances as they were adopted some time ago, as described in the narrative of file #1.

WORD: [WW TWP TREE PROTECTION ORDINANCE](#)

Clustering Ordinance

10 Points

Program Summary: WW Twp Open Space Cluster Ordinance is provided in the attached document including the date of adoption and last amendment. We do not have resolutions or minutes from public meetings for these ordinances as they were adopted some time ago, as described in the narrative of file #1.

WORD: [WW TWP CLUSTER ORDINANCE](#)

Environmental Assessment Ordinance

10 Points

Program Summary: WW Twp Environmental Assessment Ordinances provisions are provided in

the attached document. We do not have resolutions or minutes from public meetings for these ordinances as they were adopted some time ago, as described in the narrative of file #1.

WORD: [WW TWP ENVIRONMENTAL ASSESSMEN](#)

Tree Maintenance Programs

10 Points

Program Summary: WW Twp - Tree Maintenance Program Description including policies, training, implementation and costs. Most recently available NJCF status report is attached.

WORD: [TREE MAINTENANCE PROGRAMS DOCUMENTATION](#)

PDF: [TREE MAINTENANCE PROGRAMS DOCUMENTATION](#)

Tree Planting Programs

10 Points

Program Summary: WW Twp - Description and photos of Tree Planting Program 2010. Please note that the Community Forestry Management Plan, and Tree Cover Actions have been updated as requested. Since 2010 the Township has planted and maintained an additional 446 trees with the annual tree planting program, including; 251 trees for \$58,000 in 2011; 152 trees for \$28,000 in 2012; and 43 trees for \$11,000 to date in 2013.

WORD: [WW TWP TREE PLANTING PROGRAM](#)

Community Forestry Management Plan & NJUCF Accreditation

20 Points

Program Summary: 2013: West Windsor has Approved Status by the NJ Forestry Program. The most recent available NJCF report, end of year 2012, documentation is attached. West Windsor Township Community Forestry Act Approved Status Report for 2009 and the West Windsor Township Shade Tree Commission Community Forestry Canopy Goal are attached. West Windsor Township will achieve approved status for 2010 but this is not confirmed until 2011. The Shade Tree Commission is presently working on an updated Community Forestry Management Plan that will cover the years 2011 through 2015.

WORD: [WW TWP STC COMM FORESTRY CANOP](#)

PDF: [COMMUNITY FORESTRY PLAN AND CANOPY GOAL DOCUMENTATION](#)

PDF: [COMMUNITY FORESTRY PLAN AND CANOPY GOAL DOCUMENTATION](#)

Environmental Commission

10 Points

Program Summary: West Windsor Township Environmental Commission West Windsor Township Green Team Activities Report September 2013 In the past year, West Windsor has been actively participating in the Sustainable Jersey Program and other activities. The township uses the Sustainable Jersey program to help set priorities. The Environmental Commission operates on a budget of \$12,000. In the past year, the following list illustrates some of our activities: • Executing Sustainable Jersey Program • Prepared Draft Climate Action Plan • Municipal Carbon Footprint • Community Carbon Footprint • Coordinating with other Mercer County ECs • Participating in Sustainable Jersey's Green Fleet's Task Force • Participated in ANJEC's Capital Day • Developed Riparian Ordinance • Backyard Composting Outreach • Community Education and Outreach • Outreach Campaign to Local Business Community with Rutgers Center for Green Building • Anti-Idling Program • Building Healthy Communities • Maintain Web Site • Municipal Energy Audits and Upgrade • Annual Stream Cleanup The Draft Climate Action Plan (CAP) was prepared in August 2013. The next steps are public outreach and formal adoption. We are presently auditing every government building through the Local Government Energy Audits Program. Ongoing energy use being tracked through EPA's Energy Star Portfolio Manager. An Audit Report is due Fall 2012. We have a Partnership with Rutgers Center for Green Building to implement an Energy Efficiency Targeted Marketing Program for local building owners. We prepared a Municipal Carbon Footprint and a Community Carbon Footprint. We are coordinating with other Mercer County ECs. We are participating in Sustainable Jersey's Green Fleet's Task Force. We participate in ANJEC. We developed a Riparian Ordinance for streams leading to drinking water sources. The police operate a comprehensive Anti-Idling Program. The Girls Scouts coordinate our Building Healthy Communities program. We perform an Annual Stream Cleanup with the Stony Brook Millstone Watershed Association. Environmental Commission Website www.westwindsornj.org/environ_commission.html A PowerPoint presentation on our progress is also posted on this Green Team section of the application. The report has been provided to Mayor and Council and posted on the township website, www.westwindsornj.org.

WORD: [ENVIRONMENTAL COMMISSION ORDIN](#)

PDF: [ENVIRONMENTAL COMMISSION ALLUAL REPORT SEPT. 2013](#)

Natural Resource Inventory

20 Points

 Bronze Priority  Silver Priority

Program Summary: WW Twp - Environmental Resources Inventory developed by Environmental Commission, adapted into the Conservation Plan Element of the Master Plan and last re-examined in 2008.

WORD: [ENVIRONMENTAL RESOURCE INVENTO](#)

Open Space Plans

10 Points

Program Summary: 2013: The Open Space Pan is an Element of the Twp Master Plan. The Master Plan is updated every six years and was last updated on August 18 2010. WW Twp Open

Space Plan summary is attached. This document includes a link to the current Township Master Plan that is inclusive of a Open Space and Recreation Plan Element. The Master Plan was adopted in 2002 and re-examined in 2008.

WORD: [WW TWP - OPEN SPACE PLAN SUMMA](#)

WORD: [OPEN SPACE PLANS DOCUMENTATION](#)

Operations & Maintenance

Green Grounds & Maintenance Policy

10 Points

Program Summary: WW Twp - Grounds Maintenance Policy

WORD: [WW TWP - GROUNDS MAINTENANCE P](#)

Sustainability & Climate Planning

Municipal Carbon Footprint

10 Points

 Bronze Priority  Silver Priority

Program Summary: West Windsor Township obtained an LGEA grant to conduct an audit of its Municipal buildings. In addition, the Township contracted with Spiezle Inc, to create a Climate Action Plan (CAP). The engineers compiled current energy usage for all facilities where stationary & mobile combustion of fuels were used along with indirect emissions from consumption of purchased or acquired electricity. Our greenhouse gas inventory information was provided by the audit plus supplemental information taken from other and regional sources. Greenhouse gas inventories are based on quantifying direct and indirect emissions. When building the inventory, it was important to identify what are direct or indirect emissions, and what are totally outside the control of Township activities, and as such are excluded from the inventory. Inventory emissions are further categorized into three broad scopes: 1: Direct GHG emissions from fuel use (gasoline, diesel, natural gas, oil, propane, etc.) 2: Indirect GHG emissions from the consumption of electricity, heat or steam 3: Indirect emissions from outsourced activities such as waste disposal, etc. The pivot year for generating a baseline inventory is 2012, which is the most recent and reasonably accurate period of documented information. The compiled inventory data reflects current and past information about population and buildings within the Township, as well as municipal, residential, commercial, and transportation energy use. Emission factors for electricity, fuel and waste are included and normalized to represent GHG emissions in units of equivalent metric tons of CO2 (eMT CO2). With this data, the Inventory generated a snapshot of baseline GHG emissions broken out by category; municipal, community, residential, commercial, transportation related, etc., and further broken down by fuel or energy source.

EXCEL: [UPLOAD #2 WW TWP MUNI CAP SCOPES 1,2 &3](#)

PDF: [UPLOAD #1 MUNICIPAL BLDG ENERGY USE](#)

: [UPLOAD #1-A - SPIEZLE-WW TWP CLIMATE ACTION PLAN EMISSIONS SUMMARY](#)

Community Carbon Footprint *Retired 12/31/22*

10 Points

Program Summary: West Windsor Twp established a new baseline year of 2012 for its Carbon Footprint. Both the Municipal & Community GHG Emissions spreadsheets are attached along with a page from our Township Climate Action Plan Report. Baseline year usage of stationary combustion fuel types by sector and consumption of electricity by sector are included. Township emissions for 2012 were 428,395 eMT CO₂. Municipal operations contributed 3,988 metric tons to the Township total and community emissions contributed 424,407 metric tons. The largest source of emissions is attributable to transportation, followed by electricity, then heating fuels. Landfill waste is the smallest category of emissions. The Township has established goals to reduce energy consumption and greenhouse gas emissions in line with the US Mayors Climate Protection Agreement and State of New Jersey GHG Reduction targets. These have been variously stated in the Sustainable West Windsor Plan 2007 and the Sustainable New Jersey Municipal Certification Submission. The consensus goal for this Climate Action Plan is to reduce GHG emissions to 1990 levels by 2020 with an 80% reduction below 2006 levels by 2050.

EXCEL: [WW TWP COMMUNITY CARBON FOOTPRINT SCOPES 1,2&3](#)

: [BACKUP DOCUMENTATION FROM SPIEZLE CAP REPORT](#)

EXCEL: [WW TWP MUNICIPAL CARBON FOOTPRINT SCOPES 1,2&3](#)

Indicators & Targets *Retired 12/31/23*

10 Points

Program Summary: WW Twp - The Sustainable West Windsor Plan includes an extensive set of Indicators and Targets for five Goals and a series of related Objectives. A summary and links to Twp web page are provided in the attached document.

WORD: [WW TWP - TARGETS INDICATORS](#)

Waste Management

Community Paper Shredding Day

5 Points

Program Summary: West Windsor Township provides its community the "Community Paper Shredding" opportunity as a part of the "Dumpster Day" event twice a year. This event is organized by the West Windsor department of the public work and the New Jersey Clean

Communities Council. This event is a part of a county program. The township promotes and advertises the “Dumpster Day” event for about 2-3 weeks prior to the event day through the local TV channels, WW-P community newspaper (flyer included), WW-P municipal website and West Windsor Information Message Board on the cross section of the Clarksville Rd. and the Princeton-Hightstown Rd. On the event day, a shredding truck comes to the site and provides paper-shredding service between 10:00am and 2:00pm. The Dumpster Day event usually runs from 8:00am – 2:00pm. Items for shredding include all types of papers and Manila folders. In 2012, the events occurred in March and September, at 70 Southfield Rd, West Windsor, NJ. Each event attracted about 400 people (approximated number by counting the number of cars came to the event), and collected about 3.5 tons of papers. In 2013, the spring event was held in April. The 2013 Fall event is scheduled to be held on the 14th of September at the same location.

PDF: COMMUNITY PAPER SHREDDING DAY FLYER

EXCEL: COMMUNITY PAPER SHREDDING DAY PARTICIPANTS AND TONAGES