



**Village of Egg Harbor
Green Tier Legacy Community
2019 Annual Report
Last Revised March 31, 2020**

Stage One:
Outline of Accomplishments, Assessments, Potential Projects & First Steps

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List of Village of Egg Harbor Organizations:

- **EHBA:** Egg Harbor Business Association (nonprofit)
- **EHHS:** Egg Harbor Historical Society (nonprofit)
- **PAI:** Public Arts Initiative of Egg Harbor (nonprofit)
- **PPW:** Parks and Public Works (Village Employees)

**VILLAGE OF EGG HARBOR, WISCONSIN
RESOLUTION 2017-17
RESOLUTION APPROVING PARTICIPATION IN THE GREEN TIER LEGACY
COMMUNITY PROGRAM**

WHEREAS, the Wisconsin Department of Natural Resources in partnership with the League of Wisconsin Municipalities, 1,000 Friends of Wisconsin, Wisconsin Energy Conservation Corp, Center of Wisconsin Strategy, Wisconsin Counties Association and the cities of Appleton, Bayfield, Fitchburg, Middleton, Ashland, Monona, Eau Claire, Bayside, Port Washington, Sheboygan, La Crosse and the Village of Weston have created a Green Tier Charter for Legacy Communities with goals of:

1. To assist Village of Egg Harbor, Wisconsin in achieving superior environmental performance in one or both of the following two areas: (1) water resource management; (2) sustainability practice; and goals relating to economic development, public health and social equity; and to recognize their efforts and progress;
2. To improve the quality of life and economic vitality of communities;
3. To help Village of Egg Harbor, Wisconsin and the Wisconsin Department of Natural Resources address wastewater, storm water, drinking water, wetlands and other water issues in a holistic, watershed-based manner;
4. To assist Village of Egg Harbor, Wisconsin in preparing, implementing, and improving an overall watershed plan(s) that integrates the municipality's full range of water resources issues;
5. To assist Village of Egg Harbor, Wisconsin in preparing, implementing and improving over time a sustainability plan that reduces Village of Egg Harbor's impact on the environment;
6. To facilitate access to state and federal funding for projects and activities related to achieving the purpose of this charter, such as energy efficiency, renewable energy, greenhouse gas reductions, comprehensive planning, transportation policies, and integrated planning for wastewater treatment, storm water treatment and management; and drinking water;
7. To realize taxpayer savings through reduced municipal expenditures on motor vehicles fuels and energy resulting from efficient development patterns;
8. To help Village of Egg Harbor, Wisconsin comply with various water regulations in a more efficient, cost effective and flexible manner;
9. To achieve other demonstrable and measurable environmental improvements beyond what is required by local, state or federal law; and

WHEREAS, the Village of Egg Harbor, Wisconsin was invited to join in this voluntary program and believe participation will further enhance our village's current commitments to sustainability, and

WHEREAS, the Village of Egg Harbor, Wisconsin will benefit from such a partnership with the Green Tier Legacy Communities Program by receiving positive recognition, gaining access to a DNR staff liaison and their resource team, receiving prioritization in applying for certain grants and streamlining in certain DNR permitting processes, and

WHEREAS, by adopting this resolution the Village of Egg Harbor, Wisconsin agrees to sign and hold to the Green Tier Charter for Legacy Communities. We will participate in the quarterly meeting, networks and share information with our public and the communities in the program, and provide an annual report noting the progress in our goals, baselines, and sustainability plans.

NOW, THEREFORE, BE IT RESOLVED by the Village Board of Trustees, Village of Egg Harbor, Wisconsin declares itself a signatory to the Green Tier Charter for Legacy Communities and authorizes the Village President, Village Administrator, and Village Clerk to execute the necessary documents on behalf of the Village Board of Trustees, and

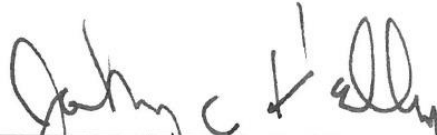
BE IT FURTHER RESOLVED, that Village of Egg Harbor, Wisconsin staff are directed to assist with meeting the Charter goals and to submit an annual report to the Organizational Signatories, and

BE IT FURTHER RESOLVED, that upon adoption, the Village of Egg Harbor, Wisconsin Clerk is hereby directed to send a copy of this resolution to the Wisconsin DNR and the Legacy Communities Green Tier Steering Committee.

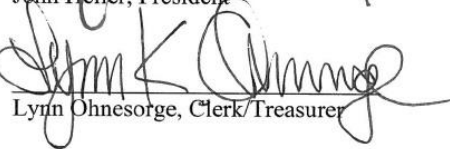
ADOPTED THIS 21st DAY OF AUGUST 2017.

APPROVED THIS 21st DAY OF AUGUST 2017.

Attest:



John Heller, President



Lynn Ohnesorge, Clerk/Treasurer

Village of Egg Harbor Sustainability Mission Statement

We are committed to bringing sustainability to our municipal buildings and properties as well as working with area businesses, community groups, and property owners to improve the place we live and do business in by implementing environmental and sustainability projects that benefit our community socially and economically.

BUILD AND BUY GREEN

➤ **Accomplishments:**

- Kress Pavilion
 - LEED qualified
 - Built with energy efficient and green materials

➤ **Assessments & Planning:**

- Green Tier Advocate Award
 - Developed to encourage businesses to “go green”
 - Scoring sheet created, resources given
 - Green Tier Workshop – November 2019
 - Assessing Businesses through Spring/Summer
 - Give first award Fall 2020

HEALTH COMMUNITY PLANNING

➤ Accomplishments:

- Free Bike Program – “Eggy Bikes”
 - The Eggy bike program was initiated around Memorial Day 2017. It features seventeen, 7-speed, jade colored bikes that are free for public use. The bikes are located at the Village Marina, central downtown location near Main Street Market grocery store, Donald & Carol Kress Pavilion, and Welcome Center, May through October. The project was funded with Village room tax dollars and donations from seventeen generous business owners. The program has been successful and is now an ongoing Village Green Tier program.
- Farmers Market
 - The farmers market was established in the spring of 2017. The farmers market is held every Friday morning, June – October from 9am-1pm. The location is conveniently located in Harbor View Park at the center of the village.
- Seed Library Development
 - In 2018, a seed library was launched at the Donald and Carol Kress Pavilion that is free and open to public utilization.
 - Complementary programming will be offered in conjunction with the Egg Harbor Library.
- Door County Adventure Center Partnership
 - The Village partners with Door County Adventure Center to provide kayak and standup paddleboard rentals at the Village beach in an effort to promote silent sports. The Village Board approved a five year extension agreement with the Door County Adventure Center.
- Sidewalk Extension Project
 - A Transportation Alternatives Program (TAP) Grant is being pursued to assist in the funding that will allow the Village to update and extend sidewalks throughout the downtown corridor to create safe walkways, new bike paths and safe cross walks. 2019-2023.
- Housing
 - In 2017, the Village provided funding for a county wide, comprehensive housing market analytics to access and cultivates housing solutions. To be completed in February 2019.
- Comprehensive Plan Update
 - The Village has contracted with CIVIC 4 to update the Village Comprehensive Plan and Zoning ordinance.
 - Create a comprehensive community wellness plan; areas of focus/review:
 - RE: PLAN COMMISSION
 - Bike/pedestrian

- Open spaces and recreation
- Implement community gardens on public land
- Encourage urban chickens and beekeeping
- Ordinances:
 - Zoning 152.055 - Urban Livestock
 - Invasive Species
 - Chemical use on lawns and gardens
 - Noise/Sound – Areas to look at:
 - Extend hours on Saturday’s July – Labor Day
 - Airbrake usage within village
 - Silent Fireworks
- Compost Site at Village Recycling Center
 - Compost site created at the Village Recycling Center
 - License received by DNR - #4726
 - Programs being developed to be hosted at the Donald and Carol Kress Pavilion to educate the community on the benefits of composting.
 - Developing compost pick-up/drop-off program for businesses first
- Sustainability Tab on Village website
 - List all green tier resources and updates
 - Links to various affiliations
- List Green Events, etc.
- **Assessments & Planning:**
 - Invasive Species Removal Program
 - Introduced program in 2019 Tax Bill Newsletter in November 2019
 - Full Invasive Species 2020 Newsletter sent with Sewer Bill in March 2020
 - Acquired list of removal/treatment contractors, volunteers from Door County Invasive Species Team and Door County Land Trust
- **Potential Projects:**
 - Mini Chip-N-Putt, Disc Golf Course in Village View Park
 - Bike Rack Program
 - PPW partnered with EHBA and the PAI to create artistic metal bike racks in coordination with various businesses throughout the village.
 - Village of Egg Harbor Mobile Friendly Website
 - The Village is looking to partner with the EHBA, PAI and the EHHS to create a mobile friendly website of the Village of Egg Harbor. This would act as a connecting feature to showcase/list all the activities, resources, businesses and events happening within the village, such as:
 - Map of walking trails and features that they pass:
 - ❖ Businesses:
 - Food and Drink
 - Resorts and Hotels
 - Shopping
 - ❖ Historical Buildings & Parks

- ❖ Marina
- ❖ Peg Egan Performing Arts Center
- ❖ Public Art throughout Village
- ❖ Public Beach & Parks
 - Beach Park
 - Bird View Park
 - Dog Park
 - Harbor View Park
 - Peg Egan Performing Arts Center
 - Village View Park
- ❖ Unique nature features
 - Niagara Escarpment
 - Rare plants
 - Birds, Ect.

➤ **Long Range Goal:**

- Create Food Systems Plan
 - Address production, distribution, value added, marketing, end-market & disposal of food
 - Charge a new or existing governmental body to oversee the plans and implementation
 - Provide recreation programs for youth, adults, senior citizens and disabled persons
 - Host at the Kress Pavilion

ENERGY:

➤ Accomplishments:

- See: Electric car charging stations at Kress Pavilion (TRANSPORTATION)
- Street Lighting
 - Village wide street light conversion to LED completed in 2018.
- LED Lights used throughout entire Kress Pavilion Community Center & Library
- Focus on Energy study on Wastewater Treatment Plant Facility completed in 2018.
- Office of Energy Innovation municipal facilities electricity audit completed in 2018.
 - The Village learned that the Wastewater Treatment Plant Facility uses 70% of the total electricity consumption. This led the Village to complete the Focus on Energy study at the Wastewater Treatment Plant.
- The Village has begun promoting PACE financing.
- Silver SolSmart Designation received 2019
- RFP – Solar arrays at Kress Pavilion & Wastewater Treatment Plant
 - Feasibility study in progress
- LED Lights used throughout Village Administration Office and at Paul J Bertschinger Community Center
- Conducted energy assessment for municipal wastewater facilities and develop a plan to increase energy efficiency

➤ Potential Projects:

- Garage door springs on PPW doors to conserve energy
- Create Village wide energy saving plan
 - Residential Energy Conservation Ordinance
 - Re: PLAN COMMISSION
- Fuel Usage
 - Parks & Public Works Vehicles
 - Waste Water Treatment Center Vehicles
- Review Ordinances:
 - Lighting
- Solar art arrays in partnership with PAI

WASTE:

➤ Accomplishments:

- Local Recycling Center available to Village residents
 - Wednesday: May-Oct, 7am-10pm
 - Saturday: Year-Round, 8am-noon
 - Add recycling plastic grocery bags to recycling center.
- Village Marina added comingling recycling bins throughout marina in 2018.
- Installing Village wide recycling bins
 - Blue recycling bins next to six garbage bins in public spaces in 2018.

➤ Assessments & Planning:

- Assess current recycling company/center for purposes of monitoring waste stream
- Create Waste Reduction Plan for 2019
 - Zero waste goals (see programs below)
- Single-use plastic and Styrofoam Elimination in Egg Harbor Businesses
 - Collecting invoices from businesses and comparing the cost to transition to all compostable, environmentally friendly materials
 - Exploring funding opportunities for businesses struggling with the expense
 - GOAL: 2020 is the transition year, 2021 is the action year.
- Comprehensive Recycling Resource Programming
 - Because Door County has limited recycling resources, in 2019, Egg Harbor will develop educational programming and materials for responsible recycling opportunities and activities.
 - Backyard and community composting
 - Product re-use
 - Waste reduction
 - Single use plastic bags
 - Styrofoam
 - Phone books
 - Other disposable packaging
 - Terra-cycle Collection Program for 2019
 - A terra-cycle collection program will be developed, and the Bertschinger Center will host the terra-cycle collection bins.
 - Programs will also be developed to educate the public on the terra-cycle initiative.
- Develop and promote programs to dispose of:
 - Hazardous household items
 - Medical supplies, Rx
 - Electronic waste
- Community Compost (**See HEALTH**)

- Develop and promote a municipal plan that encourages the diversion of the following from landfills to composting:
 - Food discards
 - Yard materials
 - Other organics

➤ **Potential Projects:**

- Use anaerobic digesters to process organic waste and produce energy

LAND:

➤ Accomplishments:

- Tree City Certified 2013 - Present
- Bird City Certified 2013 - Present
- 2017 & 2018 Bay View Terrace Project: restoring the terrace landscaping, native and bird friendly plantings, natural stone steps and walkways and small shelter.
- The Village hosts a wide variety of parks:
 - Bay View Terrace
 - Beach Park
 - Bird View Park
 - Dog Park
 - Harbor View Park
 - Peg Egan Performing Arts Center
 - Village View Park
 - Soon to have a mini Chip-N-Putt Disc Golf course
- Public Art
 - Permanent and Seasonal public art is on display throughout the Village.
 - Rotating art exhibits on display at new the Donald and Carol Kress Pavilion (library and community center) in partnership with the Village's Public Arts Initiative and the Miller Art Museum.
- Zoning
 - Comprehensive Master Plan completed in 2019
 - Zoning code includes mixed use districts
- Created New Village Staff Position
 - Environmental and Sustainability Coordinator
 - Coordinates environmentally based programs, such as invasive species removal and all Green Tier initiatives

➤ Assessments & Planning:

- Zoning
 - Zoning code update to be completed in 2020 and to include the Village's Green Tier initiatives.
- Develop land assessment
 - Identify key green infrastructure areas
 - Acquire and Protect key green infrastructure areas
- Review Ordinances regarding Best Management Practices:
 - Invasive Species (see **HEALTH**)
 - Review and update as part of comprehensive plan.
 - Funds included in the FY 2019 Budget for the implementation of an invasive species program.
 - Chemical use on lawns and gardens (see **HEALTH**)
 - Review and update

➤ **Potential Projects:**

- Education Programs & Outreach
 - Rainwater collection
 - Community gardens
- See Potential Projects under **WATER & SEWER**
 - Tree Preservation Ordinance (create one)
 - Work with arborist to map canopy – mapping tool
 - Set goal for tree canopy
 - Require trees be planted in all new developments
- Create a Walkscore
 - Walkability of a community. Access. Safety. Proximity.
 - Re: PLAN COMMISSION
 - Smart Code TBA

WATER AND SEWER:

➤ **Accomplishments:**

- The Village Marina awarded a Clean Marina Award from the Wisconsin Marina Association in 2017.
- Beach Improvement
 - In 2009, beach improvement project:
 - Re-grading the beach, installing coarser grained sand, native vegetation, and bio-filters.
 - Installing a short section of curb and gutter along a portion of the parking lot in order to direct storm-water runoff to the constructed bio-filters.
 - Natural vegetation was incorporated into the design to help infiltrate storm-water runoff, but more importantly to deter waterfowl.
 - In 2011, additional improvements were made:
 - Additional native plantings were added, mostly grasses blended with the previous beach project, a selection of dune grasses native to Door County. The plant selection was originally established in conjunction with Door County Soil and Water.
 - A permeable pavement system incorporating pavers produced by County Materials was employed in the color Tuscany.
 - Curb and gutter was installed as a barrier between the parking lot and the beach. The curb line was sloped to openings, directing runoff to rip-rap pads which slowed the flow entering the bio-filtration devices.
 - An infiltration basin was installed at the east end of the parking area to intercept runoff.
 - On site soils are Alpena gravelly sandy loams belonging to hydrologic soil group Type A.
 - An education sign was installed at the beach to educate users about the improvements and the funding through EPA's Great Lakes Restoration Initiative.
 - In 2018, the Village received a \$130,000 grant from the Fund for Lake Michigan organization that will allow the Village to complete a beach expansion project. The beach project features a recessed beach out of reach of historic high-water marks, ADA accessibility, and natural stone seat walls. The project is to be completed in spring of 2020.
- Annual street sweeping every spring.
- Wastewater Treatment Center
 - Advanced reed beds and UV Treatment
 - The Village has completed a Wastewater Treatment Plant Facilities Management Plan in 2019 to assess the current system and plan for potential expansion.

- Bio-filters will be installed where needed in the Sidewalk Extension Project
 - See **HEALTH**; Accomplishments
 - Upgraded Wastewater Treatment Plant equipment
- **Assessments & Planning:**
- Inventory all paved surfaces (GIS mapping) and develop a plan for reduction.
- **Potential Projects:**
- Water Protection
 - Peruse providing access to more homeowners to hook up to Village Sewer
 - Landmark Resort
 - Implement pervious paving (obtain storm water utility fee off credits for best management practices)
 - Preserve wetland
 - Chemical Free Parks (see **HEALTH**, Ordinance)
 - Develop a water efficiency and conservation plan for municipal buildings
 - Replace all municipal toilets with 1.6 gpf
 - ❖ Annual progress sufficient to 90% replacement in 10 years
 - Install waterless urinals in men’s restrooms at all municipal facilities
 - Install rain water collection tanks (obtain storm water utility fee off credits for best management practices):
 - ❖ Bertschinger Center
 - ❖ Parks & Public Works Buildings
 - ❖ Public Beach
 - ❖ Marina
 - ❖ Waste Water Treatment Center & List Stations

TRANSPORTATION:

➤ **Accomplishments:**

- Two universal and two Tesla electric charging stations installed at Kress Pavilion 2019
- Free Bike Program – “Eggy Bikes” (See **HEALTH**)
- Several pocket parks were added to the corridor of the Village featuring permeable pavers, built in stone benches and landscaping in 2011 to give visitors a place to rest while exploring the Village.
- The Village is providing funding for the Door County Master Bicycle Plan with mapping and signage and integrating the County’s plan into the Village’s highway reconstruction project.
- Sidewalk Extensions (See TAP Grant under **HEALTH**)
 - The Village’s Transportation Alternatives Program (TAP) grant application to assist in the funding for three areas of the village that would add sidewalks to extend connectivity throughout the community to create safe walkways, new bike paths, and safe cross walks was denied in 2018.
 - The Village has chosen to pursue two different Community Connectivity projects one on County Highway G and one on State Highway 42 to increase walkability and bike-ability in the Village.
 - The Village has reapplied for the Transportation Alternative (TAP) Grant program for the State Highway 42 project in early 2019
- PACER – comprehensive maintenance program for existing roadways. The Village’s Public Works Department evaluates village road conditions bi-annually. A maintenance and repair scheduled is then created for roads in need of repair and maintenance.
- Tracked VMT/Traffic Counts and reported on reduction efforts
 - CTY HWY G
- State Highway 42 Project
 - Partnership with UniverCity
 - Inclusion of center turn lanes and bike lanes

➤ **Assessments & Planning:**

- On street bike lanes or accommodations are planned to be incorporated in all three of the Village’s major roadway projects – including STH 42, CTH G, and Church Street
- League of American Bicyclists Certification – application in progress.
- WI Department of Health, Jonathan Morgan – identification of disconnection in bike and pedestrian networks.
- WACA – Wisconsin Active Communities Alliance, Jen Gilchrist Walker – Application for WI Active Together to be completed in 2019.

➤ **Potential Projects:**

- Several bike routes go through the village
 - Add these to the Village of Egg Harbor Mobile Friendly Website – new website development in 2019
 - Information will be available on the website’s Green Tier tab.
- Intercommunity recreational path

2020 Goals:

- **COMPREHENSIVE RECYCLING PROGRAM**
 - We have expanded the facility to be a joint operation between the Village of Egg Harbor and the Town of Egg Harbor
 - Providing a larger population with the ability to recycle
 - Research the Villages current recycling program and determine if it needs to be updated or changed.
 - Determine if it needs to be updated
 - Determine all special dates for other recycling opportunities
 - Such as liquid waste, electronics, batteries, etc.
 - Develop Educational Program
 - Recycling in Door County 101
 - Plastics in the Great Lakes
 - Reference the 'Tool Kit'
 - Reach out to *Celebrate Water* to partner with us
 - Develop program
 - Eliminate Plastics in the Home

- **COMPOST PROGRAM**
 - Hold educational program for business managers
 - Offer program to schools
 - Compile list of compost collection volunteers
 - Begin receiving compost end of May 2020
 - Gradually introduce compost drop-off to residents

- **SINGLE-USE PLASTICS AND STYROFOAM**
 - Partner with UniverCity to develop plan to transition businesses
 - Collect invoices from each business
 - Create "green" invoice to show price difference
 - Get every business committed to transitioning to compostable materials
 - Create ArcGIS Online Green Business Story Map


- **TERRACYCLE**
 - Research: <https://www.terracycle.com/en-US/brigades>
 - Reevaluate terracycling programs that are supported by the community
 - Residents have requested battery terracycling would be more beneficial
 - Improve presence of drop off locations
 - Re-create Informational Handouts
 - Develop Educational Program(s)
 - How to Terracycle 101
 - Have informational signage at recycling plant and compost site

➤ **GREEN TIER TASK FORCE**

- Continue to encourage community members to join group
 - Welcome new ideas and ideas on how to improve existing programs
- Award first Green Tier Advocate Business
- Continue volunteering to help manage programs and projects
- Help market programs and projects
- Host “Lunch and Learn” program for other municipalities
- “How-to-Live Sustainably” Handbook

➤ **FARMERS MARKET**

- Support and Grow existing Friday Morning Farmers Market
- Eliminate plastic bags at Farmers Market

Max. Score	 <h1 style="margin: 0;">Sustainability Strategies Scoresheet</h1>
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This Sustainability Strategies Scoresheet is provided for members to track sustainability management strategies in transportation, energy, land use, water, waste, and health. This scoresheet is intended to be dynamic and flexible and will provide structure for annual reporting. In the spirit of continuous improvement toward superior environmental performance, suggested revisions to this scoresheet are always encouraged. (Approved May 2018)








Egg Harbor Scores	2019	2020	2021	2022	2023
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TRANSPORTATION DEMAND MANAGEMENT: Transportation demand management strategies aim to reduce GHG emissions and VMT by influencing change in individual behavior. These strategies encourage walking, bicycling, and transit as modes of transportation within a community and seek to curb the number and length of trips by vehicle.					
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<u>Bicycle and Pedestrian Programs/Projects</u>						
2	Require bike parking for all new non-residential and multifamily uses.	0	0	0	0	0
1	Set standards for placement and number (as function of intensity of use) for bike parking spaces.	0	0	0	0	0
3	Commuter bike routes identified and cleared.	0	0	0	0	0
10	League of American Bicyclists certification. (Bronze 5, Silver 7, Platinum 10)	0	0	0	0	0
3	Funded and operating SRTS program (or functional equivalent) covering at least 10 percent of students.	0	0	0	0	0
1	Conduct annual survey of students' mode of transport to school.	0	0	0	0	0
<u>Employer-Based Programs</u>						
5	Require large employers seeking rezoning to set a price signal (cash-out or charge).	0	0	0	0	0
5	Require large employers seeking rezoning to provide subsidized transit.	0	0	0	0	0
5	Require large employers seeking rezoning to provide a TDM plan that would reduce trips by 20 percent over business as usual.	0	0	0	0	0
<u>Traffic Volume</u>						
3	Track VMT or traffic counts and report on efforts at reduction (including those on this list).	1	0	0	0	0
3	Eliminate parking minimums from non-residential districts.	0	0	0	0	0
5	Set parking maximums at X per square feet for office and retail uses.	0	0	0	0	0
5	Scheduled transit service at basic level (hour peak service within half-mile of 50 percent of addresses).	0	0	0	0	0
10	Scheduled transit service at enhanced level (half-hour peak service within 75 percent of addresses).	0	0	0	0	0








TRANSPORTATION SYSTEM MANAGEMENT					
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Max. Score	 <h2 style="text-align: center;">Sustainability Strategies Scoresheet</h2>	     				
	Transportation system management strategies aim to reduce GHG emissions and VMT by improving the overall performance of a transportation system. These strategies improve existing infrastructure, introduce new technology, and plan for the future of the system.					
	<u>Preservation and Improvement</u>					
3	Develop and fully fund comprehensive maintenance program for existing roads.	2	0	0	0	0
5	Charge impact fees for new roads.	0	0	0	0	0
5	Calculate lane-miles per capita for arterials and collectors, and show reductions	0	0	0	0	0
5	Prepare a plan identifying disconnections in bike and pedestrian networks, prioritizing fixes and identifying potential funding sources for the most important projects.	5	0	0	0	0
5	Any proposal to add lanes to a two-lane roadway shall be evaluated for a center turn lane, the preferred option over an expansion to four lanes.	2	0	0	0	0
3	Identify four-lane roadways with fewer than 20,000 vehicles per day (AADT) and evaluate them for "road diets" with bike lanes or on-street parking	0	0	0	0	0
	<u>Electric Vehicles</u>					
10	Electric vehicles in gov't fleets - 2% of of fleet=5 points. 5% of fleet=10 points.	0	0	0	0	0
2	Allow NEVs on appropriate roadways.	0	0	0	0	0
2	Provide public charging stations	2	0	0	0	0
	<u>Vehicle Idling</u>					
5	Ban idling (more than 5 minutes) with local government vehicles.	0	0	0	0	0
5	Ban idling (more than 5 minutes) community-wide.	0	0	0	0	0
	<u>ZONING AND DEVELOPMENT</u> Zoning and development strategies work toward improving the overall environmental, economic, and social health of a community by promoting mixed-use and infill development, walkable neighborhoods, and an overall sustainable lifestyle.					
	<u>Infill Development</u>					
5	Identify priority areas for infill development, including those eligible for brownfields funding.	0	0	0	0	0
10	Create land bank to acquire and assemble priority infill sites	0	0	0	0	0
10	Develop an inventory of known contaminated properties for reuse planning, with possible GIS application	0	0	0	0	0
	<u>Walkscore</u>					








Max. Score	 <h2 style="text-align: center; margin: 0;">Sustainability Strategies Scoresheet</h2>	     				
5	Measure Walkscore at 10 random residential addresses per Census tract, compute average, and improve upon overall score	0	0	0	0	0
	<u>Zoning</u>					
5	Adopt traditional neighborhood design ordinance (If population is less than 12,500)	0	0	0	0	0
5	Zoning for office and retail districts permits floor-area ratio > 1, on average.	0	0	0	0	0
5	Zoning for office and retail districts requires floor-area ratio > 1, on average.	0	0	0	0	0
5	Zoning code includes mixed use districts	5	0	0	0	0
5	Mixed-use language from Smart Code TBA.	0	0	0	0	0
	NATURAL RESOURCE MANAGEMENT Natural resource management strategies seek to conserve, preserve, protect and promote a community's greenspace, wildlife, wetlands and waterways for this and future generations by promoting pervious surfaces and adequate setbacks.					
	<u>Canopy</u>					
3	Adopt tree preservation ordinance per GTLC standards	0	0	0	0	0
3	Set a tree canopy goal and develop a management plan to achieve it	0	0	0	0	0
4	Have a Master Naturalist; ISA Certified Arborist or WDNR Community Tree Management Institute (CTMI) graduate on staff	0	0	0	0	0
2	Have community tree canopy mapped - https://pg-cloud.com/Wisconsin/	0	0	0	0	0
2	Require trees to be planted in all new developments	0	0	0	0	0
2	Certification as Tree City USA	2	0	0	0	0
2	Certification as Bird City Wisconsin Community	2	0	0	0	0
	<u>Vegetation Management</u>					
10	Public properties and rights of way mown or cleared only for safe sightlines and/or to remove invasive species.	3	0	0	0	0
10	Create community policy and BMP guidelines on minimizing chemical use during vegetation management of public and private properties	0	0	0	0	0
	<u>Water Protection</u>					
6	Establish 75-foot natural vegetation zone by surface water.	4	0	0	0	0
6	Inventory wetlands and ensure no net annual loss.	0	0	0	0	0
	<u>Community Energy Use</u> Community energy use strategies encourage energy efficiency and the use of renewable fuels to reduce total energy consumption throughout the community					


Max. Score	 <h2 style="text-align: center;">Sustainability Strategies Scoresheet</h2>	     				
	<u>Community Energy Use Policies</u>					
10	Adopt PACE ordinance/jpa	0	0	0	0	0
10	Use PACE financing	0	0	0	0	0
5	Watt meters available to the public	0	0	0	0	0
5	Offer residents and businesses a mechanism to purchase shares of the electricity generated through a local renewable energy project. (Ex. a community solar program)	0	0	0	0	0
5	Facilitate a group-buy program through which residents receive discounted, volume-based pricing on energy efficiency or renewable energy projects based on aggregated demand.	0	0	0	0	0
3	Commit to achieving a science-based, community-wide GHG reduction goal.	0	0	0	0	0
3	Adopt Residential Energy Conservation Ordinance (time-of-sale certification and upgrades).	0	0	0	0	0
	<u>Measuring Community Energy Use</u>					
6	Work with local utilities to calculate total electricity and natural gas consumption annually, beginning with the fifth year before entering the program.	3	0	0	0	0
5	Achieve milestone reductions in GHG emissions, as specified in the community's science-based GHG reduction goals.	0	0	0	0	0
5	State of Wisconsin Energy Independent (EI) Community designation.	0	0	0	0	0
	MUNICIPAL ENERGY USE Municipal energy use strategies encourage municipal employees to conserve energy, preserve the environment, and decrease greenhouse gas emissions from municipal facilities, services, and vehicle fleets.					
	<u>Government Energy Use Policies</u>					
5	Include transportation energy/emissions as criterion in RFPs for purchases of goods over \$10,000.	0	0	0	0	0
2	Develop list of lighting, HVAC and shell improvements to raise Energy Star Portfolio Manager or LEED EBO&M score	0	0	0	0	0
10	Reduce motor fuels use for non-transit activities --	0	0	0	0	0
6	Provide transit passes at 50 percent or more off the regular price and/or provide parking cash-out options for local government employees.	0	0	0	0	0
6	Streetlights operate at 75 lumens/Watt or higher	6	0	0	0	0
4	Stoplights are LED or functional equivalent	0	0	0	0	0
2	Establish a policy requiring that all major remodeling projects on municipal buildings result in the building receiving an ENERGY STAR score that is five points higher than the building's pre-remodel score.	0	0	0	0	0

Max. Score	 <h2 style="text-align: center;">Sustainability Strategies Scoresheet</h2>	     				
6	Commit to achieving a science-based GHG reduction goal for emissions resulting from all municipal operations.	0	0	0	0	0
3	Incorporate energy use intensity (EUI) targets into the contracting process for all significant municipal construction projects	0	0	0	0	0
5	Establish policies requiring that all new municipal buildings achieve an ENERGY STAR score of 75 or higher.	0	0	0	0	0
2	Municipal electricity purchases are at least 5 percentage points higher in renewable content than the statewide renewable portfolio standard requires. Calculation may include self-generated power and purchased offsets.	0	0	0	0	0
Measuring Government Energy Use						
2	Work with Energy Task Force OEI to track municipal facilities - Complete EPA Energy Star Portfolio Manager spreadsheet for government energy use. Or score existing buildings with LEED EBO&M.	0	0	0	0	0
3	Achieve milestone reductions in GHG emissions, as specified in the municipality's science-based GHG reduction goal.	0	0	0	0	0
4	Calculate annual government fleet use of motor fuels, in gallons of petroleum and biofuels, beginning with the fifth year before entering the program.	0	0	0	0	0
10	All new and renovated municipal buildings must meet LEED Silver or greater.	0	0	0	0	0
WATER USE CONSERVATION Water Conservation strategy options set baselines and goals for water and energy performance in municipalities. They measure progress and promote water conservation by the government, business, and the community at-large.						
Water Conservation						
5	Track water and sewer use annually, beginning with fifth year before entering program, and develop plan for reductions.	0	0	0	0	0
1	Develop a water loss control plan with targets below the 15% required by the state and include a system-wide water audit implementation and time table	0	0	0	0	0
2	Join EPA's WaterSense Program for water utilities or the Groundwater Guardian Green Sites program and promote them to local business.	0	0	0	0	0
6	Use block rates and flat rates to encourage water conservation among residential, commercial, and industrial users.	0	0	0	0	0
3	Infiltration and inflow reduction by 10%	0	0	0	0	0
3	Plan for replacing all toilets using > 1.6 gpf and annual progress sufficient to reach 90 percent replacement in 10 years.	0	0	0	0	0
3? Local Government Use						
2	Install waterless urinals in men's restrooms at municipal facilities (city hall, parks, etc.)	0	0	0	0	0
2	All outdoor watering by local government, excluding parks and golf courses, from rain collection.	0	0	0	0	0

Max. Score	 <h2 style="text-align: center; margin: 0;">Sustainability Strategies Scoresheet</h2>	     				
2	Develop a water efficiency and conservation plan for municipal buildings	0	0	0	0	0
<u>WATER AND WASTEWATER INFRASTRUCTURE MANAGEMENT</u> Setting goals for the sustainable management of water and wastewater infrastructure reduces costs; saves energy; and ensures the protection of public health and the environment.						
5	Develop and implement asset management plans that set targets for the sustainable maintenance, operation and renewal of water and wastewater infrastructure.	4	0	0	0	0
5	Wastewater biogas captured and used in operations.	0	0	0	0	0
6	Conduct an energy assessment for municipal water and wastewater facilities and develop a plan to increase energy	6	0	0	0	0
3	Financial assistance for sewer lateral replacements.	0	0	0	0	0
4	Set goals for increasing the recovery of resources from wastewater for energy generation (heat or electricity) and fertilizer.	0	0	0	0	0
4	Explore partnership options with high-strength waste.	0	0	0	0	0
4	Upgrade water and wastewater utility equipment (e.g., variable frequency drive motors) to achieve energy efficiency based on total life cycle, triple bottom line costs (e.g. maintenance and replacement strategies in asset management plans).	2	0	0	0	0
<u>STORMWATER MANAGEMENT</u> Stormwater Management strategy options encourage the use of best management practices to achieve a reduction in the amount of harmful pollutants introduced to our streams, rivers, and lakes.						
3	Develop a regular street sweeping program to reduce total suspended solids	1	0	0	0	0
4	Stormwater utility fees offer credits for best management practices such as rain barrels, rain gardens, and pervious paving	0	0	0	0	0
3	Inventory all paved surfaces (e.g., by GIS mapping), and develop a plan for reduction	2	0	0	0	0
5	Work with commercial or light industrial businesses to develop stormwater pollution plans	0	0	0	0	0
<u>WATER AND DEVELOPMENT</u> Water and Development strategy options link water conservation and the preservation of land, wetlands, and wildlife habitat while promoting compact development, restoration and rehabilitation efforts, and long-term planning.						
<u>Land Development</u>						
3	Identify key green infrastructure areas during plan development and/or implement a plan to acquire and protect key green infrastructure areas	1	0	0	0	0
<u>Waters, Wetlands, and Wildlife</u>						
3	Replace concrete channels with re-meandered and naturalized creeks, wetlands, or swales	0	0	0	0	0

Max. Score	 <h2 style="text-align: center; margin: 0;">Sustainability Strategies Scoresheet</h2>	     				
4	Develop a system for identifying culverts that obstruct fish migration and install fish friendly culverts where needed	0	0	0	0	0
4	Provide incentives for protection of green infrastructure, sensitive areas, important wildlife habitat, or for the restoration or rehabilitation of wetlands or other degraded habitats such as credit towards open space or set-aside requirements	0	0	0	0	0
WASTE MANAGEMENT AND REDUCTION						
Waste Management and Reduction strategy options encourage municipalities and their citizens to divert organics and recyclables from landfills and properly dispose of hazardous materials in an effort to reduce waste in a community.						
8	Community waste stream monitored at least annually . Waste reduction plan prepared and updated annually	0	0	0	0	0
8	Waste and materials management plan based on "zero-waste" principles, with specific goals, prepared and updated annually	0	0	0	0	0
3	Construction/deconstruction waste recycling ordinance	0	0	0	0	0
5	Mandatory residential curbside recycling pickup that covers paper, metal cans, glass and plastic bottles	0	0	0	0	0
5	Develop a municipal collection program that encourages the diversion of food discards, yard materials, and other organics from landfills to composting or anaerobic digestion with energy recovery	4	0	0	0	0
6	Develop and promote programs that dispose of household hazardous, medical, and electronic waste	1	0	0	0	0
7	Use anaerobic digesters to process organic waste and produce energy	0	0	0	0	0
5	Implement municipal ordinances requiring manufacturer takeback for fluorescent bulbs, thermostats and other mercury-containing devices	0	0	0	0	0
4	Ordinances in place to reduce the usage of phone books as well as single-use shopping bags, styrofoam food containers	0	0	0	0	0
4	Pay-as-you-throw system implemented by municipality or required of private waste haulers	0	0	0	0	0
3	Use public education and outreach to promote recycling, backyard composting, product re-use and waste reduction	3	0	0	0	0
HEALTHY COMMUNITY PLANNING						
Policies and projects related to incorporating health living into community design- whether by built form, programs, education, etc. in an effort to reduce trends in poor nutrition, inactive lifestyles, chronic diseases, such as obesity and heart disease, and other negative health risk factors.						
Policies Affecting Multiple Program Areas						
7	Adopt a resolution that promotes Health in All Policies at the community level (e.g., HEAL Resolution). Include that educational campaigns supporting a program covered by the resolution are appropriately targeted to all of the populations addressed by the program	0	0	0	0	0
8	Establish a Health Impact Assessments policy, including when an assessment is required and its scope	0	0	0	0	0

Max. Score	 GREEN TIER	Sustainability Strategies Scoresheet				
		     				
	<u>Planning</u>					
7	Add health policies in 1 or more of the community's plans, including the comprehensive plan, long-range transportation plan, bicycle/pedestrian plan and open spaces recreation plan (embedded or stand-alone chapter) or develop a comprehensive, community wide wellness plan.	3	0	0	0	0
6	Site schools in the Comprehensive Plan for accessibility with existing or new bicycle and pedestrian infrastructure	0	0	0	0	0
8	Encourage the formation and/or support of Neighborhood Improvement Districts (NIDs), Neighborhood Development Corporations, or other similar types of neighborhood reinvestment and enhancement strategies in plans or policies.	0	0	0	0	0
	<u>Healthy Food Access</u>					
7	Implement strategies (urban agriculture, community gardens on public land, diversified farmer's markets, expanded traditional retail food options, ordinances to allow urban chickens and beekeeping and vegetable gardening in rights of way) that help increase fresh food access in the community, in particular in areas with food insecurity (e.g., "food deserts" and "food swamps"), including access by EBT and WIC participants.	2	0	0	0	0
6	Create a Food Systems Plan that addresses the production, distribution, value-added, marketing, end-market, and disposal of food, and charge a new or existing governmental body to oversee the plan's implementation.	0	0	0	0	0
	<u>Physical Activity and Access</u>					
5	Provide an on-street and/or off-street trail network connecting recreational areas in the community (e.g. safe routes to parks) and other trip generators, such as shopping malls, ensuring all neighborhoods are included in planning and implementation.	3	0	0	0	0
4	Encourage pedestrian and bicycle site connections from front door of businesses or apartments to a public sidewalk and/or bike lane ensuring connections to all neighborhoods.	1	0	0	0	0
4	Provide education and establish programming to encourage physical activity, especially by youth.	2	0	0	0	0
7	Establish an expanded public transit that serves commuters from all neighborhoods and major parks and recreation facilities, and has racks on vehicles for carrying bicycles.	0	0	0	0	0
5	Require sidewalks in new residential areas and establish a policy for adding sidewalks, as appropriate, in areas built out without sidewalks.	1	0	0	0	0
2	Implement a Complete Streets policy.	0	0	0	0	0
5	Provide recreation programs for youth, adults, senior citizens and disabled persons.	2	0	0	0	0
5	Establish a pedestrian safety task force.	0	0	0	0	0
	<u>Housing</u>					

Max. Score	 <h1 style="margin: 0;">Sustainability Strategies Scoresheet</h1>
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6	Adopt ordinances and programs to maintain a healthy housing stock (code enforcement, landlord licenses, volunteer program, truth-in housing disclosure before sale, etc.).	0	0	0	0	0
5	Allow life cycle or adaptable housing options, such as "aging in place", accessory dwelling units, Universal or Inclusive Design, Dementia Friendly Communities, Age-Friendly Communities, etc.	2	0	0	0	0
8	Establish a program to make housing more affordable.	0	0	0	0	0
5	Establish a program to address chronic homelessness, such as "permanent housing".	0	0	0	0	0
<u>Crime Prevention and Other Harm Reduction</u>						
4	Use by policy, ordinance or practice, Crime Prevention Through Environmental Design and active threat planning to make public spaces, such as recreational space, crime free.	0	0	0	0	0
5	Establish and implement Harm Reduction strategies for alcohol outlet density and sexual oriented establishments (e.g. zoning limitations)	0	0	0	0	0
5	Adopt an ordinance or policy that requires tobacco-free and e-cigarette free apartments or places limitations on such structures.	0	0	0	0	0
6	Adopt an ordinance or policy that promotes tobacco-free and e-cigarette free parks and/or public events on local government-owned property.	0	0	0	0	0
<u>Climate Change</u>						
5	Create and implement a climate change action plan that includes a carbon footprint study, and health related components on reducing air pollution from combustion of fossil fuels and responding to heat episodes and flooding, focusing in particular on most vulnerable populations.	0	0	0	0	0
<u>Noise</u>						
5	Adopt an ordinance, including conditional use permits, on noise abatement for various zoning districts.	2	0	0	0	0
<u>Employee Health</u>						
5	Implement a wellness program for employees of the local jurisdiction.	0	0	0	0	0
5	Encourage or partner with others, such as the Chamber of Commerce, etc., to advance workplace wellness programs within the community.	0	0	0	0	0
<u>Placemaking</u>						
5	Support placemaking at varying scale (neighborhood to major city facility) and permanence (temporary to permanent) through programming, financial support and removal of regulatory barriers to promote healthy living and social capital in the community.	2	0	0	0	0
5	Adopt form-based codes or similar type design guidelines for healthy active living environments.	0	0	0	0	0

Max. Score	 <h1 style="margin: 0;">Sustainability Strategies Scoresheet</h1>	
	<i>Waste Pharmaceuticals</i>	