

City of Eau Claire

Green Tier Legacy Communities

2017 Annual Sustainability Report



INTRODUCTION

The City of Eau Claire is pleased to present its sixth Green Tier Legacy Communities (GTLC) annual sustainability report. It represents how the City is striving to fulfill its mission “to provide for the common good and deliver services essential for a safe, sustainable, and engaged community”.

The 2017 report is an improvement over our last year’s report and from the baseline year of 2012, when the City first joined the GTLC program under the Sustainability Charter. We scored more points on the Sustainable Strategies Scoresheet than last year.

The year was deemed the ‘year of solar’ in the city. The city added a 1 megawatt community solar garden and gained a Department of Energy Solsmart Gold award, making it easier to go solar. In fact, we earned three Special Recognition Awards, recognizing communities that have achieved at least 60% of the total points available in one of the eight SolSmart categories. We scored high in community engagement, planning, zoning and development, and utility engagement. The last attachment to this report shows how Eau Claire reached top ten status in the nation! More information can be found on the City’s solar resources [webpage](#).

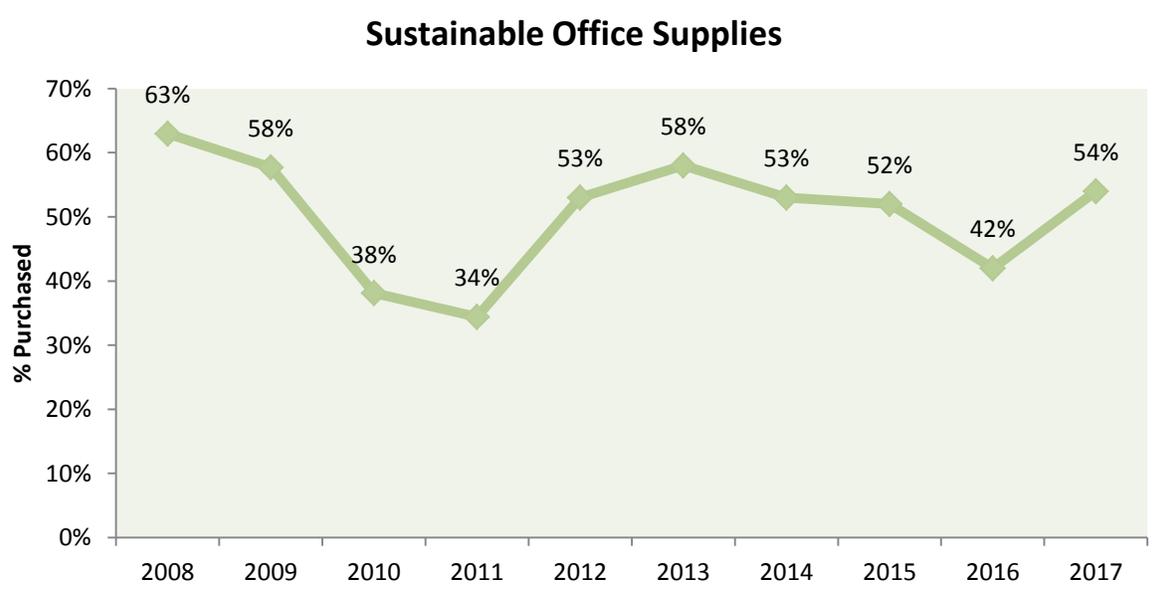




The following pages are highlights from various departments and divisions of the City of Eau Claire, the employee Green Team and Sustainability Advisory Committee. Highlights are covered within five main categories: build and buy green, land use, transportation, energy, water, and waste. General accomplishments of the municipality can be found in the City of Eau Claire's 2017 Annual Accomplishment Report. (Pictured above: Solsmart ceremony and community solar garden photos.)

BUILD & BUY GREEN

The City continues to purchase greener supplies and products. We have been tracking sustainable office supplies from our vendor for 10 years. The graph shows we hover around half of all products for office needs. Environmentally-friendly products include paper, files, forms, writing instruments, drafting items, ink, toner, furniture, and cleaning supplies.



Major Accomplishments

- The City’s Environmentally Preferable Purchasing (EPP) Policy, adopted in 2009, has been a guiding document to help employees purchase more sustainable products.
- Forestry staff continued to lead the program on reuse of the City’s urban street trees. Labeled wood from Jeffer’s Park marshaling yard goes towards higher value products. Manufacturers agree to this goal and are certified by the WI Urban Wood Initiative.
- Discovered Emerald Ash Borer (EAB) and initiated DATCP protocol.
- Forestry planted 823 trees and removed 954 trees. (Part preemptive removal for EAB)



LAND USE

The city continues to expand, although in 2017 little acreage was added. The city is about the size of a square township, at 36 square miles, or 6 miles by 6 miles. The area contains urban development along with water bodies and environmental sensitive areas such as steep slopes and wetlands. The City's urban growth management strategy seeks compact development. In 2017, the city reached an all-time high for total construction valuation at \$296 million.



Major Accomplishments

- Served the Advisory Sustainability Committee and assisted on their annual work plan.
- Acted as City liaison to DNR's Green Tier Legacy Community program and served on its Executive Committee.
- Held 2nd annual community sustainability awards. Ten winners were announced.
- Reviewed 58 site plans for impacts to public infrastructure and on-site grading and drainage.
- Prepared reports for eighteen preliminary plats and general development plans.
- Initiated work on updating 5-year parks plan for the Parks, Recreation and Forestry Department.
- Continue to redevelop the Cannery District with land purchases.
- The North River Fronts Neighborhood Plan update was adopted to help the neighborhood redevelop.



- Completed exterior restoration of City Hall including stone masonry cleaning, tuck pointing, and roof repairs.
- Hired architectural firm to conduct a thorough assessment of the current library facilities and a space needs assessment to create a vision for a 21st century public library.
- Four (4) new homeowners received rehabilitation loans to rehab their owner-occupied residential units, including the abatement of lead in 4 of those units.
- Twelve (12) low/mod homeowners received HOME Weatherization Grants (4 -Eau Claire Housing Division & 8 - Western Dairyland).
- The Healthier Wisconsin Partnership Program-funded project looking at health and the built environment was completed, including a thorough health impact assessment (HIA) of the Cannery District development. The HIA focused on housing, parks & trails, and street & sidewalk design.



- The health department, along with the City of Eau Claire, NW Wisconsin Realtor's Association, and UWEC completed the team's Invest Health grant, a project funded by Robert Wood Johnson & Reinvestment in 2016. The team has developed a plan for several opportunities to link better health and community design and amenities in Historic Randall Park.
- The health department worked with the City Attorney's Office and other community partners to finalize the Eau Claire City Housing Ordinance updates and related new rental registration and inspection program.
- The Healthy Food Marketing Collaborative worked closely with small convenience stores with the goal of increasing healthy food availability in low-income census tracts.
- This Collaborative (Eau Claire, Chippewa and Dunn counties) also served as a pilot site for the FNV (fruits and vegetable) initiative.

TRANSPORTATION

The City continues to invest in a multi-modal transportation system. This year's highlights again demonstrate the commitment to improving transit, bicycle and pedestrian infrastructure, as well as accommodating vehicles.

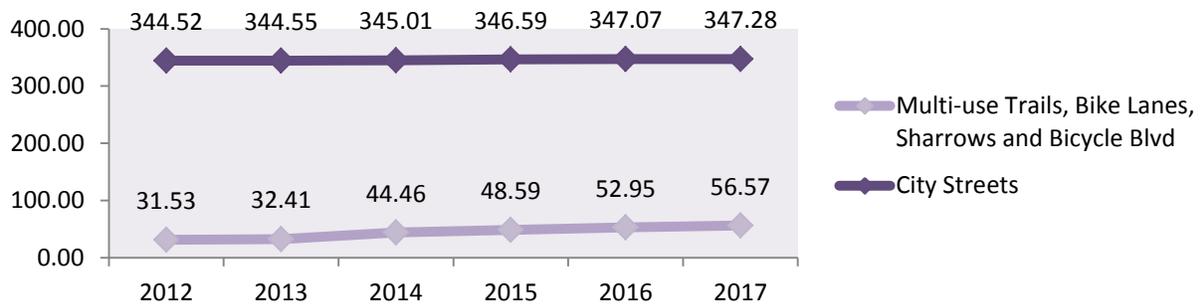


Major Accomplishments

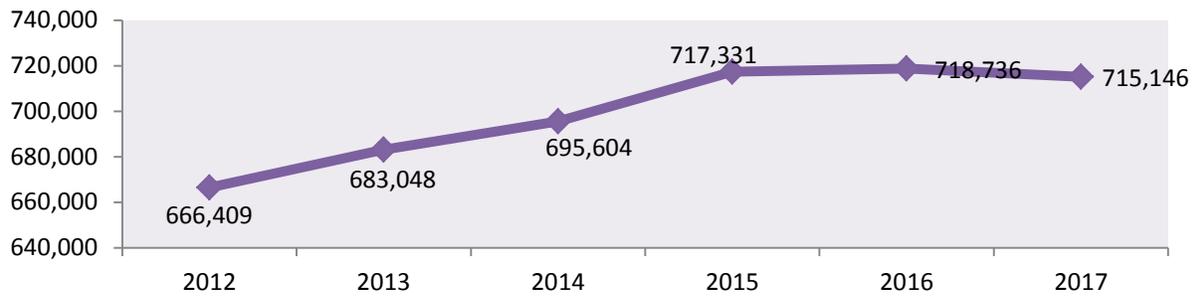
- Assisted in the successful lighting of the Phoenix Park Bridge. (Pictured above.)
- Assisted with FTA TIGER \$25 million grant application for a new mixed use multi-modal transit center downtown. (Obtained grant in early 2018).
- Negotiated, drafted or provided legal counsel for expanded bus service to Altoona/River Prairies area.
- Initiated work on update of Bicycle and Pedestrian Plan
- Design and construction of the Cannery District Trail, from Madison Street, west to the High Bridge, was completed in November 2017.
- Conceptual design of Haymarket Plaza was substantially complete by December 2017.
- Clairemont Avenue North Frontage Road and Craig Road from Clairemont to Oakridge Drive were completed. Construction consisted of the replacement of underground utilities, concrete curb and gutter, concrete sidewalks, bituminous pavement, bituminous trail, and pavement marking.
- Construction was completed on Short Street from the Chippewa River Bridge to STH 37. Construction consisted of storm sewer, bituminous pavement, bituminous multi-use trail, and pavement marking.
- Construction of the Carson Park Causeway from West Grand Avenue into Carson Park was completed and opened to traffic in November 2017. (Pictured on next page.)



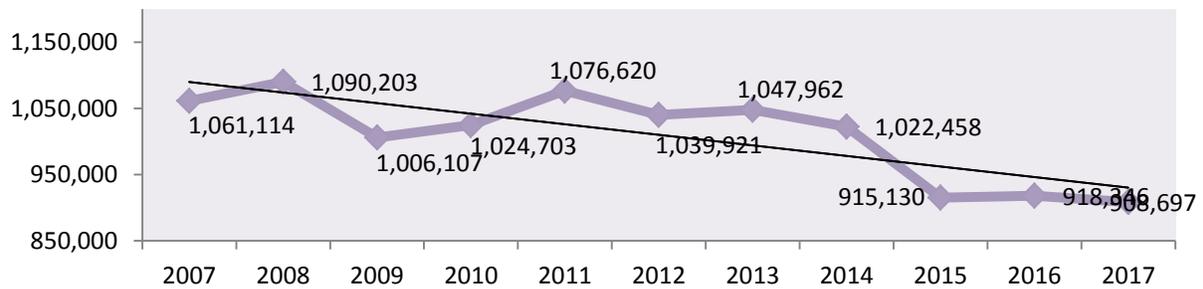
Transportation Miles



Transit Service Miles



Transit (Fixed & Para) Ridership



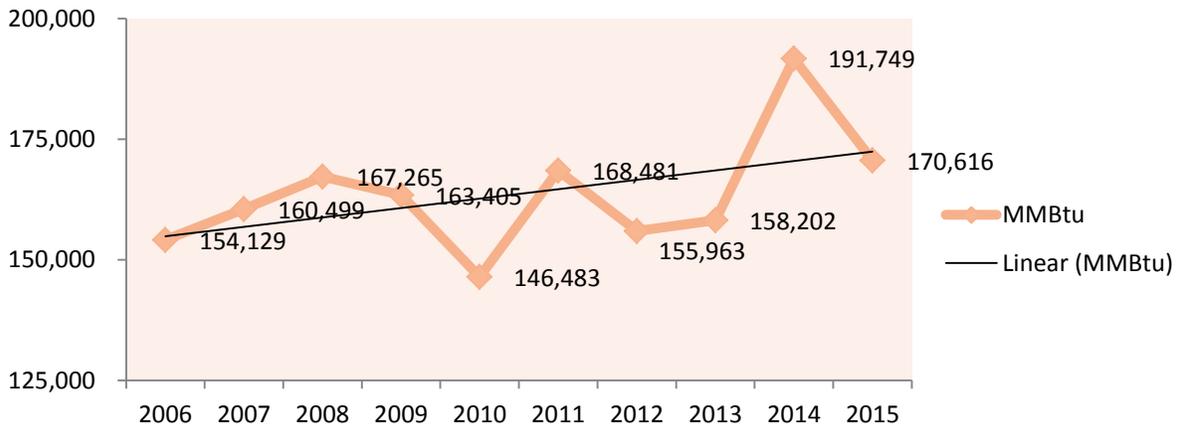
ENERGY

The city uses energy on scale of about a quarter of a large coal power plant or a large wind farm. City operations have met its renewable energy 25% by 2025 goal for electricity. This is mainly thanks to our utility providers Xcel Energy and Eau Claire Energy Cooperative. In the 2018 report, energy and carbon footprint data for the City and community will be updated.

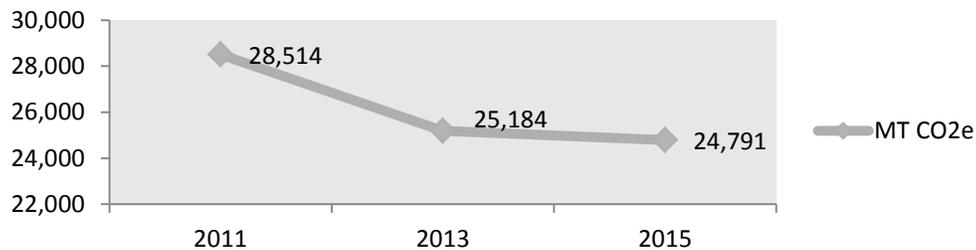


Source: <https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>

Municipal Energy Use

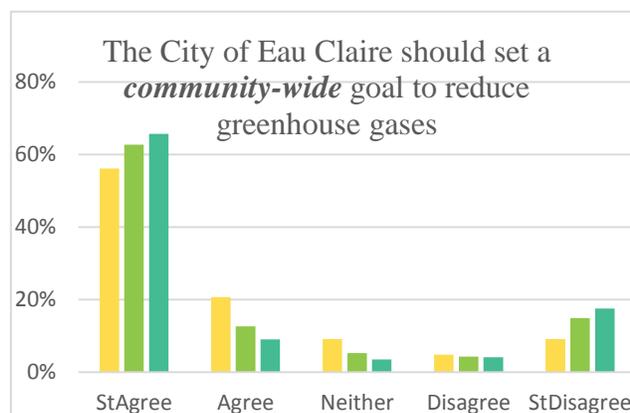


Municipal Carbon Footprint (CO₂eMT)



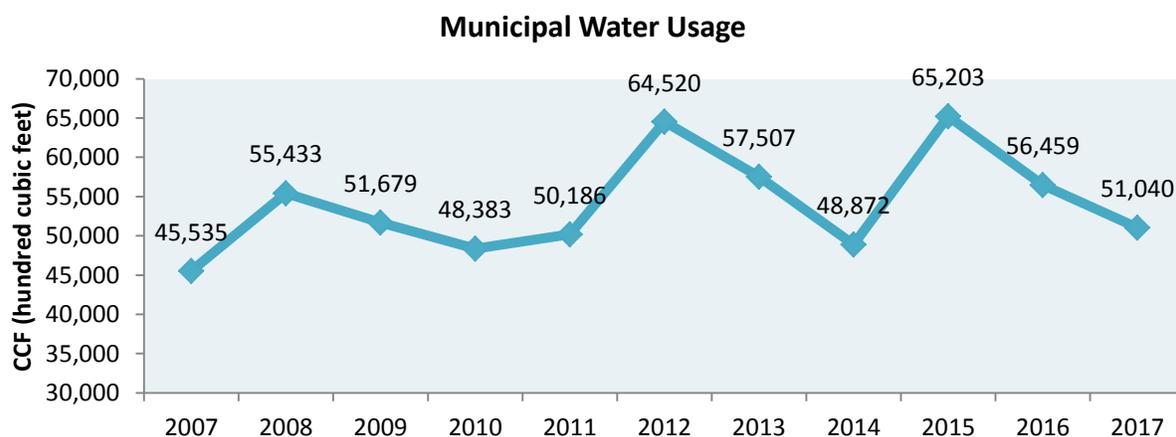
Major Accomplishments

- Completed an Executive Summary Report in Support of the Paris Agreement recommending carbon neutrality and 100% renewable energy by 2050.
- Completed a city-wide survey to obtain citizen feedback on renewable energy and climate related goals for the community and municipality.
- Earned gold level (top 10 in U.S.) status for “Solsmart” solar-friendly community.
- Served on statewide Property Assessed Clean Energy- PACE commission to market and approve energy and water loans.
- Implemented the use of Lucity (asset management program) to track assets and establish a work order system.
- Continued use of EPA’s Energy Star Building Portfolio Manager tracking over 100 City accounts.
- Monitored and tracked water/sewer, gas and electric utility charges for Community Services.
- Completed a comprehensive lighting change out at CMF and Building B.
- Fairfax projects completed included: 100% solar electric power from Xcel Energy’s community solar garden (116kW), LED lighting, installation of shade features, and installation of slip resistant polyaspartic flooring in the bathhouse and concession stand.
- Hobbs projects included: parking lot LED lighting and lighted facility sign, parking lot resurfacing, O’Brien locker room door replacement. Also replaced over 700 light bulbs in the O’Brien rink including over ice lighting, locker rooms, bathrooms, and mezzanine. Completed top-end rebuilds of both Hughes Rink refrigeration compressors.
- Completed work to activate the ROAM network related to dimming of street lights.
- Completed survey of lighting systems for upcoming LED replacements.
- Installed lights at Pinehurst Park Cross Country Ski Trails.
- Methane burned in the boilers to heat the waste water treatment plant increased 49%.
- Methane burned for electricity in the plant’s Kraft generators increased 39%.



WATER

Eau Claire has abundant water. Yet, we continue to seek ways to protect the resource and reduce consumption for the municipal and community.



Major Accomplishments

- Pumped and treated 3.86 billion gallons of water. (Improvements pictured)
- Treated 2.51 billion gallons of wastewater.
- Currently have converted 74% of our metering system to radio read meters.
- Completed 2,770 cross connection surveys with the purpose of identifying and correcting sources that could potentially contaminate the drinking water supply.
- At Water Treatment Plant finished upgrading all four manganese and iron removal filters with new media and filter underdrain systems.
- Finished construction of two new production wells and major improvements to one existing production well.
- Finished SCADA upgrade project which included replacing communications equipment at all remote booster stations, towers and reservoirs.
- Replaced motor starters with variable frequency drives at the Damon and Abbe booster stations.
- Completed DNR Sanitary Survey of the treatment plant, well field, booster stations, towers and reservoirs.



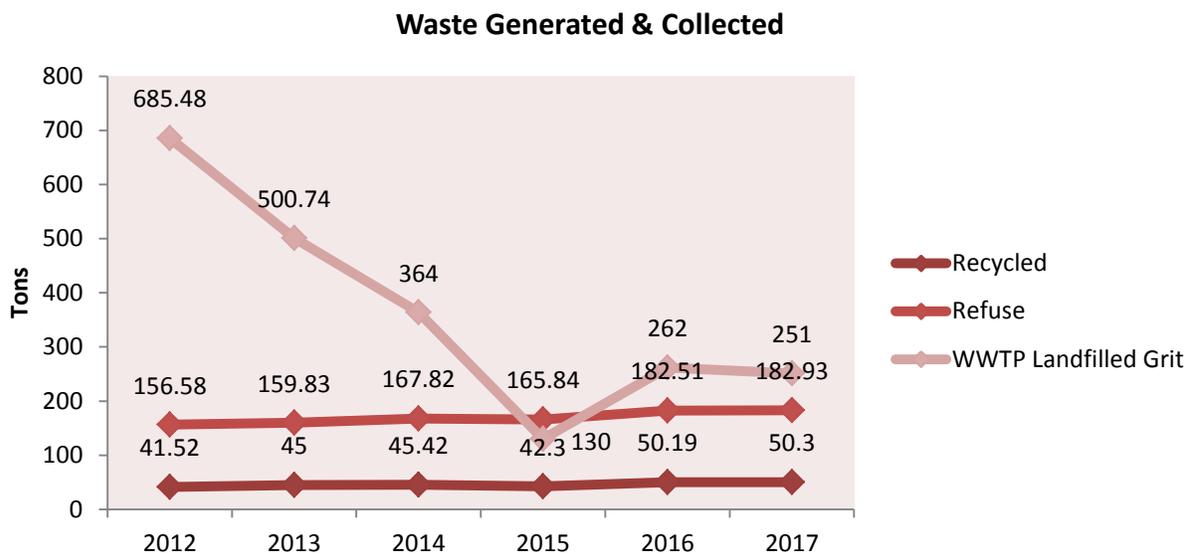
- Completed DNR Sanitary Survey of the entire water distribution system, maintenance and record keeping.
- Rehabilitated wells 8, 13 and 19.
- Continued to monitor pipe leaks to reduce water waste.
- Continued to upgrade drinking fountains with bottle fillers at City Hall, Carson Park, Boyd Park and the Library.
- Installed variable frequency drives at the Eau Claire Lift Station.
- Removed and re-installed media on Bio-Rem system.
- Conducted lead and copper testing per DNR requirements.
- Rebuilt two flood pumps.
- Participated in a work group organized by the West Central Wisconsin Regional Planning Commission to update the environmental policies in the Chippewa Falls/Eau Claire Urban Sewer Service Area Plan for 2025.
- Continued work on updating the Comprehensive Storm Water Plan.
- Completed updating of Storm Water Ordinances. 2017 milestones included legal review, open houses, public hearing, and adoption by City Council.
- Chaired the Rain to Rivers of Western Wisconsin Forum, formerly the Chippewa Valley Storm Water Forum, a group of 17 local jurisdictions working together with the DNR and UW Extension on urban storm water runoff issues and education in the Lower Chippewa River and St. Croix River Valleys. Rain to Rivers was involved in over 56 educational events in both watersheds.



- Worked with the Community Services Department and West Central Wisconsin Regional Planning Commission to update the flooding section of the Hazard Mitigation Plan.
- Participated in the Eau Claire River Watershed Management Plan Implementation Team.
- Issued three mini-grants to local non-profits for storm water runoff information and education opportunities.
- Applied approximately 2,200 tons of rock salt and 20,000 gallons of salt brine for ice control operation. Plowing operational and computerized approach seeks to reduce amount of re-salting as much as possible.

WASTE

The City of Eau Claire operations manages most of its own waste utilizing a garbage truck. Facilities have been outfitted with single-stream recycling containers to maximize the amount recovered. The City also picks up waste at park sites and other City-owned lands.



Major Accomplishments

- Wastewater treatment plant efficiency levels: 98.8% BOD removal, 99.1% TSS removal, 97.4% Phosphorous removal, 99.7% Ammonia removal and 97.2% Hg removal.
- Continued to work on expanding the Jeffers Road brush site. Work included stripping of top soil, installation of storm water structures and piping, grading and rebuilding of berms around the brush site. Total expansion approximately 3.5 acres.
- Ran the Earth Day Amazing Eau Claire Clean-up.
- Hosted Wisconsin Urban Forestry Council meeting. A focus was how to reuse urban trees by sharing our best practices.
- Cleared land at Waste Water Treatment Plant for disposal of Half Moon Lake sediment.
- Disposal of approximately 11,000 cubic yards of contaminated soil for the Half Moon soil reclamation for the new causeway.
- Approximately 14,933 miles of street sweeping and 12,333 cubic yards removed.
- Half-moon Lake water shed swept 12 times.
- Facilitated Pack it up, Pass It on (UWEC Student Move Out projects) to support community environmental health and safety.
- A new police program was developed to reduce the challenges associated with excessive and abandoned curbside garbage in the Randall Park Neighborhood.

SUSTAINABILITY STRATEGIES

Element	Max. Score	Sustainability Strategies Scoresheet			City of Eau Claire 2012 Baseline	City of Eau Claire 2016 Scores	City of Eau Claire 2017 Scores	
		GREEN TIER						
					*The City of Eau Claire Baseline conducted in July 2012 before joining the program. Year-end scores for 2012, 2013, 2014, and 2015 not displayed to allow greater visibility. Each year has seen progress.			
		<p>This Sustainability Strategies Scoresheet is provided for member communities to track sustainability management strategies in transportation, energy, land use, water, waste, and health. This scoresheet is intended to be dynamic and flexible. In the spirit of continuous improvement toward superior environmental performance, suggested revisions to this scoresheet are always encouraged.</p>						
TRANSPORTATION		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.						
		Bicycle and Pedestrian Programs/Projects						
		2	Require bike parking for all new non-residential and multifamily uses.	0	2	2		
		1	Set standards for placement and number (as function of intensity of use) for bike parking spaces.	0	1	1		
		3	Commuter bike routes identified and cleared.	1	2	2		
		10	League of American Bicyclists certification. (Bronze 5, Silver 7, Platinum 10)	5	5	5		
		3	Funded and operating SRTS program (or functional equivalent) covering at least 10 percent of students.	2	2	2		
		1	Conduct annual survey of students' mode of transport to school.	0	0	1		
			Employer-Based Programs					
		5	Require large employers seeking rezoning to set a price signal (cash-out or charge).	0	0	0		
		5	Require large employers seeking rezoning to provide subsidized transit.	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		
			Traffic Volume					
		3	Track VMT or traffic counts and report on efforts at reduction (including those on this list).	1	2	2		
	3	Eliminate parking minimums from non-residential districts.	0	0	0			
	5	Set parking maximums at X per square feet for office and retail uses.	4	4	4			
	5	Scheduled transit service at basic level (hour peak service within half-mile of 50 percent of addresses).	5	5	5			
	10	Scheduled transit service at enhanced level (half-hour peak service within 75 percent of addresses).	10	10	10			
		TRANSPORTATION SYSTEM MANAGEMENT						
		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.						
		Preservation and Improvement						
	3	Develop and fully fund comprehensive maintenance program for existing roads.	3	3	3			
	5	Charge impact fees for new roads.	0	0	0			
	5	Calculate lane-miles per capita for arterials and collectors, and show reductions	1	3	3			
	5	Prepare a plan identifying disconnections in bike and pedestrian networks, prioritizing fixes and identifying potential funding sources for the most important projects.	4	5	5			
	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.	5	5	5			
	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	3	3	3			
		Electric Vehicles						
	1	Allow NEVs on appropriate roadways.	1	1	1			
	2	Provide public charging stations	0	1	1			
		Vehicle Idling						
	2	Ban idling (more than 5 minutes) with local government vehicles.	2	2	2			
	5	Ban idling (more than 5 minutes) community-wide.	0	0	0			
		ZONING AND DEVELOPMENT						
		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.						
		Infill Development						
	5	Identify priority areas for infill development, including those eligible for brownfields funding.	3	5	5			
	1	Create land bank to acquire and assemble priority infill sites	1	1	1			
	1	Develop an inventory of known contaminated properties for reuse planning, with possible GIS application	0	1	1			
		Walk score						
	10	Measure Walk score at 10 random residential addresses per Census tract, compute average, and improve upon overall score	0	10	10			
		Zoning						
	5	Adopt traditional neighborhood design ordinance (if population is less than 12,500)	n/a	n/a	n/a			
	5	Zoning for office and retail districts permits floor-area ratio > 1, on average.	3	3	3			
	8	Zoning for office and retail districts requires floor-area ratio > 1, on average.	0	0	0			
	5	Zoning code includes mixed use districts	5	5	5			
	8	Mixed-use language from Smart Code TBA.	5	5	5			

Element	Max. Score	Sustainability Strategies Scoresheet			City of Eau Claire 2012	City of Eau Claire 2016	City of Eau Claire 2017
		(Also known as Appendix 3 of GTLC Charter, Last Revised 02-08-2016 by Rick Eilertson)			Baseline	Scores	Scores
USE	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.						
	Canopy						
	3	Adopt tree preservation ordinance per GTLC standards.	0	0	0		
	4	Set a tree canopy goal and develop a management plan to achieve it	3	4	4		
	2	Require trees to be planted in all new developments	2	2	2		
	2	Certification as Tree City USA	2	2	2		
	2	Certification as Bird City Wisconsin Community	n/a	2	2		
	Vegetation Management						
	2	Public properties and rights of way mown or cleared only for safe sightlines and/or to remove invasive species.	1	1	1		
	2	Create community policy and BMP guidelines on minimizing chemical use during vegetation management of public and private properties	1	1	1		
	Water Protection						
	10	Establish 75-foot natural vegetation zone by surface water.	3	5	6		
	5	Inventory wetlands and ensure no net annual loss.	3	3	4		
	ENERGY	COMMUNITY ENERGY USE					
Community energy use strategies encourage energy efficiency and the use of renewable fuels to reduce total energy consumption throughout the community							
Community Energy Use Policies							
6		Use PACE financing	0	1	3		
1		Wait meters available to the public	1	1	1		
10		Adopt Residential Energy Conservation Ordinance (time-of-sale certification and upgrades).	0	0	0		
Measuring Community Energy Use							
4		Work with local utilities to calculate total electricity and natural gas consumption annually, beginning with the fifth year before entering the program.	4	4	4		
1		State of Wisconsin Energy Independent (EI) Community designation.	1	1	1		
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.							
Government Energy Use Policies							
5		Include transportation energy/emissions as criterion in RFPs for purchases of goods over \$10,000.	0	2	2		
3		Develop list of lighting, HVAC and shell improvements to raise Energy Star Portfolio Manager or LEED EBD&M score	1	2	2		
3		Reduce motor fuels use for non-transit activities --	1	2	2		
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			
5	Streetlights operate at 75 lumens/watt or higher	4	4	4			
3	Stoplights are LED or functional equivalent	3	3	3			
5	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.	5	5	5			
Measuring Government Energy Use							
5	Complete EPA Energy Star Portfolio Manager spreadsheet for government energy use. Or score existing buildings with LEED EBD&M.	4	5	5			
2	Calculate annual government fleet use of motor fuels, in gallons of petroleum and biofuels, beginning with the fifth year before entering the program.	2	2	2			
10	All new and renovated municipal buildings must meet LEED Silver or greater.	0	0	0			
WATER	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						
	6	Track water and sewer use annually, beginning with fifth year before entering program, and develop plan for reductions.	6	6	6		
	4	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	4	4	4		
	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		
	6	Use block rates and flat rates to encourage water conservation among residential, commercial, and industrial users.	0	4	4		
	3	Infiltration and inflow reduction by 10%	3	3	3		
	5	Plan for replacing all toilets using > 1.6 gpf and annual progress sufficient to reach 90 percent replacement in 10 years.	2	4	4		
	Local Government Use						
	2	Install waterless urinals in men's restrooms at municipal facilities (city hall, parks, etc.)	0	0	0		
	3	All outdoor watering by local government, excluding parks and golf courses, from rain collection.	0	0	0		
	4	Develop a water efficiency and conservation plan for municipal buildings	1	1	1		
	WATER AND WASTEWATER INFRASTRUCTURE MANAGEMENT						
	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.						
10	Develop and implement asset management plans that set targets for the sustainable maintenance, operation and renewal of water and wastewater infrastructure.	n/a	8	8			
5	Wastewater biogas captured and used in operations.	5	5	5			
1	Financial assistance for sewer lateral replacements.	0	1	1			
5	Set goals for increasing the recovery of resources from wastewater for energy generation (heat or electricity) and fertilizer.	n/a	3	4			
2	Explore partnership options with high-strength waste.	n/a	0	0			
6	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).	3	5	5			

Element	Max. Score	 GREEN TIER	<h2 style="text-align: center;">Sustainability Strategies Scoresheet</h2> <small>(Also known as Appendix 3 of GTLC Charter, Last Revised 02-08-2016 by Rick Eilertson)</small>			City of Eau Claire 2012	City of Eau Claire 2016	City of Eau Claire 2017
			Baseline	Scores	Scores			
STORMWATER MANAGEMENT								
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	3	3	3			
	3	Stormwater utility fees offer credits for best management practices such as rain barrels, rain gardens, and pervious paving	1	2	2			
	2	Inventory all paved surfaces (e.g., by GIS mapping), and develop a plan for reduction	1	2	2			
	2	Work with commercial or light industrial businesses to develop stormwater pollution plans	2	2	2			
WATER AND DEVELOPMENT								
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.								
Land Development								
	5	Identify key green infrastructure areas during plan development and/or implement a plan to acquire and protect key green infrastructure areas	5	5	5			
Waters, Wetlands, and Wildlife								
	6	Replace concrete channels with re-meandered and naturalized creeks, wetlands, or swales	5	6	6			
	3	Develop a system for identifying culverts that obstruct fish migration and install fish friendly culverts where needed	2	3	3			
	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	3	3	3			
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.								
WASTE	3	Community waste stream monitored at least annually. Waste reduction plan prepared and updated annually	1	1	1			
	4	Waste and materials management plan based on "zero-waste" principles, with specific goals, prepared and updated annually	0	0	0			
	3	Construction/deconstruction waste recycling ordinance	0	1	1			
	3	Mandatory residential curbside recycling pickup that covers paper, metal cans, glass and plastic bottles	3	3	3			
	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	2	3	3			
	3	Develop and promote programs that dispose of household hazardous, medical, and electronic waste	3	3	3			
	4	Use anaerobic digesters to process organic waste and produce energy	4	4	4			
	3	Implement municipal ordinances requiring manufacturer takeback for fluorescent bulbs, thermostats and other mercury-containing devices	0	0	0			
	2	Ordinances in place to reduce the usage of phone books as well as single-use shopping bags, styrofoam food containers and other disposable packaging	0	0	0			
	1	Pay-as-you-throw system implemented by municipality or required of private waste haulers	0	0	0			
	2	Use public education and outreach to promote recycling, backyard composting, product re-use and waste reduction	1	1	1			
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								
	5	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	n/a	0	0			
	8	Establish a Health Impact Assessments policy, including when an assessment is required and its scope	n/a	4	4			
Planning								
	8	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.	n/a	7	7			
	3	Site schools in the Comprehensive Plan for accessibility with existing or new bicycle and pedestrian infrastructure	n/a	2	2			
	5	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.	n/a	1	3			
Healthy Food Access								
	6	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.	n/a	4	4			
	7	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.	n/a	0	3			
Physical Activity and Access								
	4	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.	n/a	3	3			
	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.	n/a	4	4			
	3	Provide education and establish programming to encourage physical activity, especially by youth.	n/a	2	2			
	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.	n/a	4	4			
HEALTH	6	Require sidewalks in new residential areas and establish a policy for adding sidewalks, as appropriate, in areas built out without sidewalks.	n/a	4	4			
	8	Implement a Complete Streets policy.	n/a	4	4			
	5	Provide recreation programs for youth, adults, senior citizens and disabled persons.	n/a	5	5			
	3	Establish a pedestrian safety task force.	n/a	0	1			

Element	Max. Score	 Sustainability Strategies Scoresheet <small>(Also known as Appendix 3 of GTLC Charter, Last Revised 02-08-2016 by Rick Eilertson)</small>	City of Eau Claire	City of Eau Claire	City of Eau Claire
			2012 Baseline	2016 Scores	2017 Scores
H		Housing			
	7	Adopt ordinances and programs to maintain a healthy housing stock (code enforcement, landlord licenses, volunteer program, truth-in housing disclosure before sale, etc.)	n/a	3	3
	6	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.	n/a	1	1
	8	Establish a program to make housing more affordable.	n/a	3	3
	7	Establish a program to address chronic homelessness, such as "permanent housing".	n/a	7	7
		Crime Prevention and Other Harm Reduction			
	6	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.	n/a	5	5
	5	Establish and implement Harm Reduction strategies for alcohol outlet density and sexual oriented establishments (e.g. zoning limitations)	n/a	3	3
	4	Adopt an ordinance or policy that requires tobacco-free and e-cigarette free apartments or places limitations on such structures.	n/a	0	1
	3	Adopt an ordinance or policy that promotes tobacco-free and e-cigarette free parks and/or public events on local government-owned property.	n/a	2	2
		Climate Change			
	7	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.	n/a	2	3
		Noise			
	2	Adopt an ordinance, including conditional use permits, on noise abatement for various zoning districts.	n/a	0	0
		Employee Health			
	5	Implement a wellness program for employees of the local jurisdiction.	n/a	5	5
	6	Encourage or partner with others, such as the Chamber of Commerce, etc., to advance workplace wellness programs within the community.	n/a	6	6
		Placemaking			
	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.	n/a	2	2
	8	Adopt form-based codes or similar type design guidelines for healthy active living environments.	n/a	0	0
	Waste Pharmaceuticals				
4	Establish partnerships to reduce waste pharmaceuticals generated in the community and to efficiently collect remaining wastes to prevent their abuse and entry into solid waste or wastewater.	n/a	4	4	
	536		165	311	325
	531	Adopt traditional neighborhood design ordinance (If population is less than 12,500) is not applicable so grand sum is 5 points less	52%	59%	61%

*2015 strategies added

Special Recognition Awards

Celebrating communities that have earned at least 60% of the total points available in one of the eight SolSmart categories.



- ✓ Permitting
- ✓ Planning, Zoning, & Development Regulations
- ✓ Inspection
- ✓ Construction Codes
- ✓ Solar Rights
- ✓ Utility Engagement
- ✓ Community Engagement
- ✓ Marketing, Development and Finance

Award Winners by Category

Permitting

- ✓ Chapel Hill, NC
- ✓ Cupertino, CA
- ✓ Edmonds, WA
- ✓ Fremont, CA
- ✓ Madison, WI
- ✓ Saint Paul, MN

Planning, Zoning and Development Regulations

- ✓ Harrison County, MS
- ✓ Carrboro, NC
- ✓ Hartford, CT
- ✓ Indianapolis, IN

Inspection

- ✓ Charleston County, SC
- ✓ Claremont, CA
- ✓ Clear Creek County, CO
- ✓ Contra Costa County, CA
- ✓ Coventry, CT
- ✓ Davis, CA
- ✓ Goshen, IN
- ✓ Hillsboro, OR
- ✓ Louisville, KY
- ✓ Miami-Dade County, FL
- ✓ North Kansas City, MO
- ✓ Palm Beach County, FL
- ✓ Redwood City, CA
- ✓ San Diego County, CA
- ✓ Santa Rosa, CA
- ✓ Satellite Beach, FL

Utility Engagement

- ✓ Burlington, VT
- ✓ Missoula, MT
- ✓ Salt Lake City, UT

Community Engagement

- ✓ Burlington, VT
- ✓ Missoula, MT
- ✓ Salt Lake City, UT

Marketing, Development and Finance

- ✓ Austin, TX
- ✓ Boulder, CO
- ✓ Marin County, CA
- ✓ San Francisco, CA
- ✓ Fairfield, CT

Multiple Award Winners

Recognized in Two Categories

- ✓ Adams County, CO
- ✓ Chicago, IL
- ✓ Jefferson County, CO
- ✓ Kansas City, MO
- ✓ Linn County, IA
- ✓ Pima County, AZ
- ✓ Plano, TX
- ✓ San Carlos, CA
- ✓ Saratoga Springs, NY
- ✓ Somerville, MA
- ✓ Ypsilanti, MI

Recognized in Three Categories

- ✓ Columbia, MO
- ✓ Eau Claire, WI
- ✓ Minneapolis, MN
- ✓ Sacramento, CA
- ✓ Santa Monica, CA
- ✓ Washington, DC

Recognized in Four Categories

- ✓ Lafayette, CO
- ✓ New York City, NY
- ✓ Sonoma County, CA

Five Time Winner

- ✓ San Antonio, TX

