



**Winnetka Environmental and Forestry Commission  
Notice of Regular Meeting  
March 13, 2019**

The Winnetka Environmental and Forestry Commission will convene on Wednesday, March 13, 2019 in the **Council Room at the Village Hall, 510 Green Bay, Winnetka, Illinois**, at 7:00 p.m.

**Agenda**

*Call to Order*

- |  |                   |
|--|-------------------|
| 1) Introduction & Chair's Remarks                                  | Presenter Dowding |
| 2) Review and Summary of Minutes                                   |                   |
| a. Adoption of February 13, 2019 Regular Meeting Minutes           | Presenter Dowding |
| b. Amended January 9, 2019 Regular Meeting Minutes                 | Presenter Dowding |
| 3) New Business, Old Business/Updates                              |                   |
| a. Metropolitan Mayors Caucus Greenest Region Compact 2 Discussion | Presenter Dowding |
| i. GRC2 Framework  | Presenter Dowding |
| ii. Report to Village Council                                      | Presenter Dowding |
| 4) Communications  |                   |
| a. Approval of April Communications Items                          | Presenter Havlik  |
| b. Discussion of May Communication Items                           | Presenter Havlik  |
| 5) Committee/Staff Reports   |                   |
| a. SolSmart Update   | Presenter Havlik  |
| b. Green Awards  | Presenter Havlik  |
| c. Activity Calendar   | Presenter Havlik  |
| 6) Open Forum  |                   |
| 7) Public Comment  |                   |
| 8) Adjournment   |                   |

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Posted Time and Date

**NOTICE**

All agenda materials are available at [villageofwinnetka.org](http://villageofwinnetka.org) (***Government > Council Information > Agenda Packets & Minutes***); ***the Reference Desk at the Winnetka Library; or in the Manager's Office at Village Hall (2<sup>nd</sup> floor)***.

The Village of Winnetka, in compliance with the Americans with Disabilities Act, requests that all persons with disabilities who require certain accommodations to allow them to observe and/or participate in this meeting or have questions about the accessibility of the meeting or facilities, contact the Village ADA Coordinator – Megan Pierce, at 510 Green Bay Road, Winnetka, Illinois 60093, 847-716-3543; T.D.D. 847-501-6041.

**WINNETKA ENVIRONMENTAL AND FORESTRY COMMISSION  
REGULAR MEETING  
MINUTES  
February 13, 2019**

A record of a legally convened meeting of the Environmental and Forestry Commission of the Village of Winnetka, which was held in the Council Chambers at Village Hall, 510 Green Bay Road, Winnetka, Illinois, Wednesday, February 13, 2019, at 7:00 pm.

Call to Order: Chairperson Dowding called the meeting to order at 7:00 p.m.; voting Members present: Chuck Dowding, Chris Foley, Rosann Park-Jones, David Varca and Liz Kunkle. Voting Members absent: Mike Nielsen and Barry Sylvester. A quorum of presently appointed members was present. Ex-officio Members present: None. Village Council Representative Present: Andrew Cripe. Student Representative Absent: Clark O'Bryan. Staff Representative Present: Matt Havlik, Public Works Analyst. No members of the public were present.

- 1) Introduction & Chair's Remarks: Chairperson Dowding called the meeting to order at 7:00 p.m. and welcomed all Commission members.
- 2) Review and Summary of Minutes:
  - a) Adoption of the January 9, 2019 Regular Meeting Minutes: Chairperson Dowding asked for a motion to approve the January 9, 2019 minutes which was moved by Commissioner Foley and seconded by Commissioner Kunkle.
  - b) December 12, 2018 Regular Meeting Minutes (As Amended): Chairperson Dowding stated that the amended December 12, 2018 meeting minutes are included in the packet for reference.
- 3) New Business, Old Business/Updates:
  - a) Metropolitan Mayors Caucus Greenest Region Compact 2 Discussion:
    - i) GRC2 Framework:

Chairperson Dowding thanked Commissioner Foley for creating a summary sheet of items discussed at the January meeting. The summary sheet contained topics and goals from the GRC2 framework document that the Commission thought would be productive items to present to Village Council. Each item had noted if it is a staff level, EFC level or Village Council level action.

Chairperson Dowding stated that the goal of the meeting tonight is to narrow down and finalize the recommendations that the Commission will present to Village Council in March.

ii) Report to Village Council:

The Commission shifted their discussion to Chairperson Dowding recommended writing down goals on poster boards to help narrow down goals from there. Trustee Cripe added that it might be a good idea to present the information as part of the three categories listed on the summary sheet: EFC directive, staff directive, or proposed ordinance by Village Council. Commissioner Kunkle noted that the goals should be presented strategically with the priority goals being items that can be integrated into current topics of discussion at the Village Council level such as the current refuse discussion as well as pay-as-you-throw. Chairperson Dowding mentioned that he would like to see more links to resources and ordinances in the framework document. Trustee Cripe stated that he did not think this is necessary and would be very time consuming for staff and would not add that much more value.

Commissioner Foley inquired about what exactly should the report/presentation to Village Council be about. Matt Havlik stated that the Commission is schedule to present to Village Council at the March 19<sup>th</sup> meeting. Matt Havlik shared that there should be two parts to the presentation. Matt Havlik stated that the first part is a status report of where the Village currently lies in regard to the goals outlined in the GRC2 framework. The second part is a recommendation of five to ten goals from the GRC2 framework that the Commission recommends the Village pursue. Matt Havlik added that the Commission is asking for permission from the Village Council to further explore goals that it recommends.

Chairperson Dowding stated that he does not want to overwhelm the Village Council with recommending too many items and that the Commission should look at narrowing down their current list. Chairperson Dowding added that including any stormwater-related items may be beneficial. Trustee Cripe noted that there seem to be a lot of goals related to municipal operations, water and energy categories. Trustee Cripe provided the Commission with a brief update of recent stormwater discussion at the Village Council level.

Chairperson Dowding recommended dividing up items from each of the three categories amongst Commission members. The following assignments were agreed upon:

- Recycling – Commissioner Kunkle
- Energy – Commissioner Foley
- Water – Commissioner Varca & Chairperson Dowding

Commissioner Varca asked if items could be used from different categories outside of the assignments. The group agreed that would be fine as long as it is relatable. The Commission agreed to bring their completed assignments to the March meeting to decide on the final goals to recommend. Chairperson Dowding stated that he thought Commissioner Kunkle would be the best person to prepare the presentation. Commissioner Kunkle happily agreed to start preparing the presentation.

Due to the timing of the March EFC meeting and the schedule presentation to Village Council, the Commission discussed moving the March EFC meeting to one week earlier to Wednesday, March 6<sup>th</sup> to provide optimal time to prepare agenda items. Matt Havlik said he would take care of all of the scheduling for this.

The Commissioner spent the remainder of the evening reviewing goals from the summary sheet created by Commissioner Foley.

#### 4) Communications:

- a) Approval of March Communications Items: The Commission discussed the draft articles for the month of March and agreed that they can be sent to the Village Manager's office for posting. Chairperson Dowding asked for a motion to approve the March communications items which were moved by Commissioner Foley and seconded by Commissioner Park-Jones. Matt Havlik agreed to send this information to the Village Manager's Office.
- b) Discussion of April Communications Items: The Commission looked ahead to the April communication items and agreed upon who will draft articles for each topic.

#### 5) Committee/Staff Reports:

- a) Winnetka 150: Founder's Day Celebration: Matt Havlik told the Commission that the Winnetka 150: Founder's Day Celebration is scheduled for Sunday, March 10<sup>th</sup> at 2:00PM at the Winnetka Community House. Matt Havlik told the Commission that everyone is encouraged to attend.
- b) SolSmart Update: Matt Havlik addressed the Commission on the status of the Village in The Solar Foundation's SolSmart program. Matt Havlik said that permitting staff

completed the first draft of the required permitting checklist. Matt Havlik also stated that The Solar Foundation completed their review of Winnetka's zoning codes in regard to solar-related projects and submitted documentation to staff. Matt Havlik said that staff is currently reviewing the zoning review and exploring options to make solar-related project less restrictive for residents and businesses in terms of zoning. Matt Havlik added that he is working with the Metropolitan Mayors Caucus on hosting a Solar Ambassador for an evening that would be open to the public to attend. The purpose of a Solar Ambassador is to educate residents on the process and benefits of installing solar in or on their homes and to answer any questions residents may have. Matt Havlik also stated that hosting a Solar Ambassador would earn the Village points toward SolSmart designation. Matt ensured the Commission that the Village is on track to receiving at least bronze SolSmart designation by spring of 2019.

c) Activity Calendar:

- i) Green Awards: Matt Havlik told the Commission that two nominations have been received this past month. The first nomination is for the residents at 855 Auburn Road for various yard projects they completed including vegetable beds, a hoop house, and native plantings. The second nomination is for the residents at 420 Birch Street for water/stormwater related projects including the installation of multiple sump pumps. Commissioner Kunkle added that she nominated both families

Trustee Cripe recommended looking into nominating Cook County, New Trier and the Winnetka Park District for their stormwater-related work this past year. The Commission agreed this was a good idea.

- 6) Open Forum: Commissioner Kunkle told the group that she has been in contact with President Rintz regarding a new program called GRCorps. The Metropolitan Mayors Caucus is seeking GRC communities who wish to host a GRCorps member for 10 months of service to support local sustainability goals that are aligned with the Greenest Region Compact (GRC). As a host community, Winnetka would share the cost of hosting a full-time GRCorps member and provided meaningful work and supervision. The Metropolitan Mayors Caucus will handle program administration. Cost-wise, municipalities are required to share the cost of the GRCorps members' living allowance, health insurance, travel and other fringe costs. This cost is estimated to be about \$17,000 for the 10 months of service. The AmeriCorps grant to the Mayors Caucus (if awarded) will cover the remainder of the cost to support the GRCorps member and administer the program.

Commissioner Kunkle added that she thought a GRCorps member could assist with the business district recycling program by going door-to-door and education businesses.

Commissioner Kunkle also thought that this person could help with restoration along the Green Bay Trail in conjunction with the Friends of the Green Bay Trail.

Chairperson Dowding inquired about the status of the Park District liaison. Matt Havlik stated that President Rintz is aware of this request and will get back to the Commission.

Commissioner Kunkle stated that she attended a focus group meeting last week for the Friends of the Green Bay Trail in Glencoe. The group is still planning to continue collaboration with communities from Highland Park to Wilmette.

Commissioner Kunkle also informed the Commission about “blue zones.”

- 7) Public Comment: None.
- 8) Adjournment: There being no further business, Chairperson Dowding asked for a motion to adjourn which was moved by Commissioner Kunkle and seconded by Commissioner Foley. Having the motion passed, the meeting adjourned at 8:49 p.m.

**WINNETKA ENVIRONMENTAL AND FORESTRY COMMISSION  
REGULAR MEETING  
MINUTES  
January 9, 2019**

A record of a legally convened meeting of the Environmental and Forestry Commission of the Village of Winnetka, which was held in the Council Chambers at Village Hall, 510 Green Bay Road, Winnetka, Illinois, Wednesday, January 9, 2019, at 7:00 pm.

Call to Order: Acting Chairperson Foley called the meeting to order at 7:00 p.m.; voting Members present: Chris Foley, Rosann Park-Jones, David Varca, Mike Nielsen and Liz Kunkle. Voting Members absent: Chuck Dowding and Barry Sylvester. A quorum of presently appointed members was present. Ex-officio Members present: None. Village Council Representative Present: Andrew Cripe. Student Representative Absent: Clark O'Bryan. Staff Representative Present: Matt Havlik, Public Works Analyst. No members of the public were present.

- 1) Introduction & Chair's Remarks: Acting Chairperson Foley called the meeting to order at 7:00 p.m. and welcomed all Commission members.
- 2) Review and Summary of Minutes:
  - a) Adoption of the December 12, 2018 Regular Meeting Minutes: Acting Chairperson Foley asked for a motion to approve the December 12, 2018 minutes which was moved by Commissioner Kunkle and seconded by Commissioner Nielsen.
  - b) November 14, 2018 Regular Meeting Minutes (As Amended): Acting Chairperson Foley stated that the amended November 14, 2018 meeting minutes are included in the packet for reference. Acting Chairperson Foley asked for a motion to approve the amended November 14, 2018 minutes which was moved by Commissioner Kunkle and seconded by Commissioner Park-Jones.
- 3) New Business, Old Business/Updates:
  - a) Park District Liaison Discussion: Matt Havlik stated that the Park District is aware of this request and that Village staff is in conversation with Park District staff about this matter.
  - b) Metropolitan Mayors Caucus Greenest Region Compact 2 Discussion:
    - i) GRC2 Framework:

Acting Chairperson Foley provided some remarks from Chuck Dowding regarding how the Commission should proceed with selecting goals to present to Village



Council. Acting Chairperson Foley explained the information from Chuck Dowding regarding the taxonomy of the goals within the GRC2 framework. Acting Chairperson Foley explained that not all of the goals carry the same weight and that there are various objectives, strategies and advanced strategies that contribute to various goals. The Commission agreed to keep this information in mind throughout the review of the goals. Acting Chairperson Foley mentioned that this information is explained in further detail on the first page of the GRC2 framework document.

Acting Chairperson Foley thanked Matt Havlik for compiling the list of goals from Commission members into a spreadsheet. Matt Havlik explained that the spreadsheet shows goals that were mentioned multiple times by members, indicating higher interest. Matt Havlik added that he received confirmation that the Commission is set to present to Village Council at the March 19<sup>th</sup> regular meeting.

Acting Chairperson Foley guided the Commission through the list of goals in the spreadsheet, discussing each one and ideas of how the Village can accomplish them. The Commission discussed goals from each of the 10 framework categories and the best way they could be presented to Village Council. The Commission also discussed the format for its presentation to Village Council. The Commission discussed various goals in the Energy, Land and Water categories that were similar and could be grouped together under and presented as a single item that could accomplish multiple goals.

Trustee Cripe added that the Commission should consider grouping goals into various categories such as those requiring adoption of an ordinance, those that direct staff to do something (such as an energy audit), or those that involve educating the public.

Matt Havlik noted that he will continue working with Village staff to develop a draft report and presentation. The Commission agreed this is a good course of action.

- ii) Introductory Paragraphs: Matt Havlik noted that this information is in the packet as a reference.

#### 4) Communications:

- a) Approval of February Communications Items: The Commission discussed the draft articles for the month of February and agreed that they can be sent to the Village Manager's office for posting. Acting Chairperson Foley asked for a motion to approve the February communications items which were moved by Commissioner Park-Jones and

seconded by Commissioner Kunkle. Matt Havlik agreed to send this information to the Village Manager's Office.

- b) Discussion of March Communications Items: The Commission looked ahead to the March communication items and agreed upon who will draft articles for each topic.

5) Committee/Staff Reports:

- a) SolSmart Update: Matt Havlik noted that he has been participating in regular conference calls with the SolSmart cohort. Matt Havlik stated that the Village is on track with its goals to become a designated SolSmart community. Currently, staff is in the process of developing a permitting checklist for solar-related projects that will be posted online, providing a streamlined checklist of requirements. Matt Havlik said he is working with Community Development staff members, David Schoon and Brian Norkus, on developing this list.


Matt Havlik also stated that Village permitting staff is planning on participating in a solar permitting training webinar at the end of January. Participation in the training will help the Village achieve 10 of its required 60 points to become a SolSmart designated community. Matt Havlik also added that there is an opportunity to gain additional points by hosting a Solar Ambassador presentation within the community. Solar Ambassadors are volunteers through the Illinois Solar Foundation who go out into communities and talk to residents and businesses about the benefits of solar. Having a solar ambassador come to Winnetka would be a great way to engage the public on solar, and get SolSmart points at the same time. Matt Havlik stated he will provide the Commission with further details as he receives them.

Finally, Matt Havlik told the Commission that another requirement for SolSmart designation is to have The Solar Foundation complete a review of Winnetka's zoning requirements and identify restrictions that intentionally or unintentionally prohibit solar PV development. Matt Havlik said that The Solar Foundation is currently working on this and he will update the Commission when he receives the results back.

b) Activity Calendar:

- i) LED Lighting Update: Matt Havlik explained to the Commission that four major projects were completed in 2018 in regard to LED lighting. In 2018, there was a total reduction of 56,307 watts which equates to 328,316 kilo-watt-hours from these four projects. Matt Havlik stated that the following projects were completed:


- 28 high pressure sodium (HPS) street light fixtures were replaced with LED street lights along the Ravines (Sheridan Road north of Tower Road).
  - 152 interior fixtures were retrofitted with LED bulbs at the Fire department.
  - 1,904 fixtures were upgraded to LED fixtures at the Winnetka Community House.
  - 148 interior fixtures were upgraded to LED fixtures at the Winnetka Ice Rink.
- 6) Open Forum: Acting Chairperson Foley stated that the Commission is still interested in updating the EFC webpage to reflect the categories of the GRC2 framework document. Matt Havlik told the Commission that he passed this information along to the correct Village staff in charge of the website. Matt Havlik also told the Commission that this work requires a redesign, which costs money. Matt Havlik also stated that the Village is looking to find a new web hosting company so staff is holding off on major changes for the time being.
- 7) Public Comment: None.
- 8) Adjournment: There being no further business, Acting Chairperson Foley asked for a motion to adjourn which was moved by Commissioner Park-Jones and seconded by Commissioner Nielsen. Having the motion passed, the meeting adjourned at 8:50 p.m.

Category	GOAL	OBJECTIVE	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource		
Greenhouse Gas Emissions	 <p><b>Reduce greenhouse gas emissions</b></p>	<p><b>Establish a Greenhouse Gas (GHG) emission reduction target:</b></p> <p>&gt;Utilize US EPA's Local Climate Action Framework to plan and evaluate climate strategies</p>					X						X		
		C1a						X						Y	
		C2	<p><b>Measure and monitor GHG emissions</b></p> <p>&gt;Measure and monitor GHG from municipal operations</p>						X					Y	
		C2a						X							
		C2b	<p>&gt;Measure and monitor GHG community wide</p>					X							
		C+3	<p><b>+ Verify and report climate action to Carbon Climate Registry</b></p>						X					Y	
		C+4	<p><b>+ Participate in carbon offset program</b></p>						X						
		C+5	<p><b>+ Commit to the Compact of Mayors</b></p>							X				Y	
		C6	<p><b>Regulate burning of landscape waste</b></p>	X								Burning of leaves prohibited Village Code 8.16.090			X
		C7	<p><b>Facilitate compliance of federal air quality standards by businesses</b></p>							X					
		C8	<p><b>Participate in Illinois Partners for Clean Air</b></p>							X				Y	
		Air Quality	<p><i>Maintain clean and healthful air</i></p>	C9	<p><b>Discourage the use of high-emitting small engines, such as for landscaping</b></p>	X							Gas leaf blower ban (June 1 - October 1) Village Code 9.16.020		X
C10	<p><b>Reduce volatile organic compound (VOC) emissions for municipal operations by using low VOC cleaners, paints, and paving practices</b></p>				X						Coal tar ban Village Code 5.74.020				
C11	<p><b>Establish policies to meet Illinois Dept of Public Health Indoor Air quality standards</b></p>				X						No idling - Public Works SOP 17.4; Annual testing of municipal buildings			Y	
C12	<p><b>Coordinate resiliency efforts with federal, state and regional planning agencies</b></p>				X						Forest Preserve District, SWANCC, Cook County (stormwater)			X	


Resiliency	Develop resiliency to climate change impacts	C12a	>Prepare Pre-Disaster Hazard Mitigation Plan	X																Emergency Operations Plan; FEMA training of staff members	Y		
		C13	Collaboratively manage urban heat islands																				
		C+14	+ Assess infrastructure and public safety threats from extreme weather events		X																Stormwater Master Plan	Y	X
		C+15	+ Develop a resiliency plan to protect assets, public health, and provide essential services through natural and man-made disasters		X																Stormwater Master Plan; Tornado sirens	Y	X
Education & Outreach	Engage the community in climate change mitigation and adaptation	C16	Educate the public about climate change																		Y		
		C17	Participate in Cool Communities																	X		Y	
		C18	Inform the community about air quality index and air pollution action days																	X		Y	
		Total		3	5	0	0	0	0	6	6	6	2										


ECONOMIC DEVELOPMENT													
Category	GOAL	OBJECTIVE	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource
Workforce Development	<i>Promote innovation and a competitive workforce</i>	ED1 Connect local businesses with education training, and jobs related to sustainability		X							Go Green Winnetka, Business Resource Guide, SBA events & programs	Y	X
		ED2 Advocate for the development of a competitive 'green workforce'				X							
		ED3 Advocate for new opportunities in the clean energy industry				X					IMEA Program	Y	
		ED4 Encourage green innovation among residents and local businesses		X							Green Awards, IMEA Program		X
		ED5 Collaborate to support innovation centers					X					Y	
Innovation		ED6 Attract and retain businesses that practice and promote sustainability		X							Economic Development Coordinator; Business Development resource webpage		X
		ED7 Recognize and support businesses who practice and promote sustainability		X							Press releases, e-developments newsletter	Y	X
		ED8 Promote local goods and services		X							Neighborhood Champion for Small Business Saturday, shop local marketing, business directory, Farmers Market		X
Green Economy	<i>Cultivate local and sustainable development, jobs, and businesses</i>	ED9 Create and promote a community brand featuring natural resources or cultural characteristics of community		X							Shop, Dine, Discover economic development tagline, which incorporates nature and park images. New trail tree logo (2018 Streetscape & Signage Plan) and promoting use of the Green Bay Trail. New farmers' market.	Y	X
		ED10 Promote tourism featuring natural and cultural assets of the community		X							Members of the Chicago North Shore Convention & Visitors Bureau.	Y	X

Policy	<b>ED11</b>	Promote the economic prosperity of the community	X												Dedicated economic development marketing and event sponsorship budgets.	X
	<b>ED12</b>	Advocate for expanded job opportunities and sufficient wages					X									
		Total	0	8	0	0	0	0	0	4	0	0	0			


Category	 <b>GOAL</b>	<b>OBJECTIVE</b>  > STRATEGY  + ADVANCED STRATEGY	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource	
Energy Efficiency	Use energy for building and facilities efficiently	> Conduct energy audits of municipal facilities					X					Y		
		<b>Support energy audits and retro-commissioning studies of residential, commercial and institutional facilities</b>				X		X				IMEA Energy Efficiency Upgrade Rebate Program	Y	X
		> Conduct retro-commissioning studies to optimize public facility performance					X						Y	
		> Implement operational changes recommended in the retro-commissioning study					X							
		<b>Implement energy efficiency measures that have a short-term payback (i.e. lighting, occupancy sensors)</b>				X						LED lighting upgrades to Village-owned buildings	Y	X
		<b>Implement energy efficiency measures that have a longer-term payback</b>						X				Possibility of solar panels		
		<b>Collaborate with utilities and other agencies to upgrade streetlight equipment and integrate smart technologies</b>				X						W&E has started to install LED lights		X
		<b>Achieve ENERGY STAR certification for municipal buildings</b>							X					Y
		+ Utilize performance contracts to finance large energy efficiency projects							X		X			Y
		+ Demonstrate extreme energy efficiency with a model Passivhaus building							X					Y
		+ Budget and plan for long-term energy efficiency equipment upgrades							X					





Category	GOAL	Objective	Notes	Link to Resource	Link to Winnetka Resource	
Renewable Energy	 <p><b>GOAL</b></p>	<p><b>OBJECTIVE</b></p> <p>&gt; STRATEGY</p> <p>+ ADVANCED STRATEGY</p>				
		<b>E12</b>	<b>Install and operate renewable energy systems at municipal facilities</b>	Currently seeking quotes for small solar project		
		<b>E12a</b>	> Use power purchase agreements, leasing and other strategies to finance renewable energy systems	IMEA - small solar PPAS, 1.5MW wind PPA	Y	
		<b>E13</b>	<b>Support the adoption of renewable energy technologies in the community</b>	Solar connection to grid permitted; SolSmart		
		<b>E13a</b>	>Adopt codes and permitting practices that support renewable energy systems in the community	SolSmart		
		<b>E13b</b>	> Facilitate access to renewable energy systems through collaborative purchasing for residents and business			Y
		<b>E14</b>	<b>Procure renewable energy for public facilities</b>			Y
		<b>E14a</b>	>Become a US EPA Green Power Community	Power from IMEA - some is renewable		
		<b>E15</b>	<b>Support procurement of renewable energy through community choice aggregation</b>	Currently investigating to see if Village qualifies		Y
		<b>E16</b>	<b>Develop renewable energy capacity targeting underutilized public properties (i.e. brownfields)</b>		N/A	Y
		<b>E+17</b>	<b>+ Collaborate to provide access to community solar</b>	On hold - landfill will be part of stormwater project		
					In need of a location	


Category	GOAL	OBJECTIVE	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource		
Energy Management	 Reduce energy consumption	E18	Power down equipment when possible				X		X						
		E19	Participate in demand response programs						X			Not available at this time			
		E20	Track and benchmark energy consumption through ENERGY STAR Portfolio Manager				X					Potential - need to identify resources to compile	Y		
		E21	Utilize energy management expertise (i.e. Building Operator Certification and Certified Energy Manager)							X			Y		
		E22	Participate in energy management challenges and programs							X				Y	
		E+23	+ Utilize performance contracts to finance energy efficiency projects when feasible								X				
											X		Policy decision		Y

ENERGY		Category	GOAL	OBJECTIVE	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource	
Policy	E24	Enact policies that support clean energy	Adopt current Illinois Energy Conservation Code (IECC) and report compliance								X			Y		
	E25		Facilitate the adoption of renewable energy technologies (i.e. solar, geothermal) by adapting building and zoning codes			X							SolSmart - member of MMC Cohort			X
	E+26		+ Collaborate to advance Property Assessed Clean Energy (PACE) policies									X			Y	
	E+27		+ Adopt 'stretch codes' setting higher standards for energy efficiency than IECC									X		Policy decision	Y	
	E+28		+ Enact an ordinance requiring periodic benchmarking for large energy users									X		Policy decision	Y	
	E+29		+ Negotiate franchise agreement with utilities to exercise lump sum payment option to finance clean energy										X			

Category	GOAL	OBJECTIVE	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource	
Education & Outreach	 Engage the community in clean energy practices	E30 Partner with electric and gas utilities to promote energy efficiency programs to the community		X							North Shore Gas Home Energy Rebate Program	Y	X	
		E31 Promote the use of ENERGY STAR certified appliances and equipment	X										Y	X
		E32 Publicly recognize institutional and private buildings that achieve a specific energy efficiency targets	X									Green Awards		X
		E33 Collaborate to educate the community about clean energy options				X						EFC Communications & Outreach; SolSmart	Y	X
			Total	2	4	1	0	13	6	11				

Category	GOAL	OBJECTIVE		Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource		
		> STRATEGY	+ ADVANCED STRATEGY													
Sustainable Development	 <p>Encourage strategic development that upholds sustainability principles</p>	L1	Reduce sprawl by promoting infill development to reduce adverse impacts on natural resources and infrastructure demands						X							
		L1a	>Encourage the development of compact and complete residential neighborhoods						X							
		L1b	>Protect greenfields and open space		X								Work with Winnetka Park District		X	
		L1c	>Redevelop underutilized or contaminated properties					X					Landfill			
		L2	Prioritize redevelopment projects and infrastructure investment for transit-served locations					X					Hubbard Woods Train Station			
		L2a	>Pursue transit oriented development and transit-supportive land uses in new development					X								
		L2b	>Seek public-private partnerships to create transit-oriented developments					X								
		L3	Collaborate with neighboring communities to jointly create sustainable developments		X									Stormwater Master Plan - MOU w/ FPDCC		X
		L4	Encourage conservation design to protect natural resources					X								
		L5	Promote Sustainable Sites Certification for commercial and institutional landscapes						X							
		L6	Integrate resiliency into land development decisions						X							
		L7	Support local food production by assuring access to affordable land								X					
		L8	Evaluate proposed developments for on groundwater levels and water quality.			X								Flood Plain information on website		X

Category	GOAL	OBJECTIVE		Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource		
		> STRATEGY	+ ADVANCED STRATEGY													
Land Preservation	 <p>Conserve restore and enhance natural features and ecosystems</p>	L9	Using data such as the Green Infrastructure Vision and the Illinois Natural Areas Inventory, watershed plans, identify key natural assets, landscape features, parcels with high value for connectivity and ecosystem function					X								
		L10	Conserve key natural assets and open space		X										X	
		L10a	>Through direct acquisition and management					X							Y	
		L10b	>Through collaborations and cooperative agreements such as conservation easements					X							Y	
		L11	Guide future development to conserve natural topography, views, drainage patterns, existing vegetation, and historic or cultural assets					X								
		L12	Prioritize the acquisition, dedication and management of lands to create connected greenways		X										Y	X
		L13	Prioritize the acquisition of land to protect groundwater recharge areas						X							
		L14	Manage public and private landscapes to optimize ecosystem services and support biodiversity						X						Y	
		L14a	>Collaborate to restore prairie, wetland, forest and other important ecosystems in the community		X											X
		L14b	>Monitor and control invasive species in natural areas and throughout the community		X										Y	X
		L14c	>Ensure long-term maintenance and management of protected natural areas within Conservation Design development						X							
		L15	Protect and restore soil integrity		X											X
		L15a	>Enforce soil erosion and sediment control regulations for construction sites		X											X


Category	GOAL	OBJECTIVE		Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource		
		> STRATEGY	+ ADVANCED STRATEGY													
Parks & Open Space	 <p><i>Support networks of accessible, well-used and enjoyable parks</i></p>	L16	Develop a park and open space master plan	X								Park District Master Plan; Master Beach Plan				
		L17	Maximize the amount of public spaces and parks accessible to residents			X							Park District			
		L17a	>Collaborate to provide access to under-utilized land (i.e. utility right of ways) for trails, community gardens, and sustainable landscapes					X								
		L17b	>Optimize linkages between parks and open spaces		X								Park District Bikeway System Master Plan		X	
		L17c	>Work with developers to integrate and develop open space reserves and trails in developments					X								
		L17d	>Collaborate with private property owners to create vibrant public gathering spaces (placemaking)					X							Y	
		L18	Enhance parks, open space, and recreational opportunities accessible to all residents		X									Park District		X
		L18a	>Collaborate with park and forest preserve districts		X									Stormwater Master Plan - Working with Forest Preserve District (MOU)		X
		L18b	>Collaborate to create and maintain hiking, biking, canoe and other recreational trails			X								Green Bay Trail; Skokie Lagoons		X
		L18c	>Collaborate to provide accessible recreational services involving parks and open space						X					Collaboration with Winnetka Park District and Forest Preserve District of Cook County		
		L19	Foster healthy community relationships through the use of open space		X									Plan Commission		X

Category	GOAL	OBJECTIVE	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource	
Urban Forestry	Sustain a robust urban forest canopy	L20	Conduct a community wide urban tree canopy assessment or collaborate on a regional study				X				Village Forester - Tree Inventory			
		L21	Conduct an inventory and assessment of trees on public right of ways		X						Village Forester - Tree Inventory; On-going		X	
		L22	Develop and implement a management plan to assure a long term vitality of the urban forest		X							Village Forester - Tree Inventory; On-going	Y	X
		L23	Maintain the health and integrity of existing trees		X							Village Forester		X
		L23a	>Maintain the health of trees on public right of ways	X								Village Forester; regular trimming activities		X
		L23b	>Collaborate with utilities to maintain trees compatible with overhead powerlines	X								Village Forester; regular trimming activities	Y	X
		L23c	>Practice integrated pest management to sustain urban forest health					X				IPM Policy	Y	
		L23d	>Assess structural integrity of trees and proactively mitigate risks through strategic removal and other actions		X							Tree Removal Permit	Y	X
		L24	Plant trees to sustain and renew the urban forest	X								Tree City USA	Y	X
		L24a	>Continually plant hardy, site-appropriate trees to meet tree canopy goals	X								Parkway Tree Planting program	Y	X
		L24b	>Engage resident in public stewardship through cost-share planting programs	X								Parkway Tree Planting program		X
		L24c	>Using canopy analysis data, strategically plant trees to optimize public health and stormwater benefits				X					Currently collecting tree inventory data - Assistant Village Forester		X
		L25	Diversify the urban forest for long term resilience	X								Village Forester		X
		L26	Earn recognition for urban forest stewardship as a Tree City USA	X								Tree City USA Award	Y	X
L27	Harvest and utilize high value wood products from trees that must be removed						X				Y			
L+28	+ Optimize tree planting and protect existing trees for maximum carbon storage/sequestration and energy savings						X				Y			





Category	GOAL	OBJECTIVE		Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource	
		> STRATEGY	+ ADVANCED STRATEGY												
Landscapes	Sustain beautiful landscapes that provide ecosystem services	L29	<b>Manage traditional, cultivated landscapes sustainably</b>		X			X				Phosphorus ban			
		L29a	>Replace turf with sustainable landscaping alternatives												
		L29b	>Manage lawns using natural products and low-impact practices		X								Phosphorus ban		
		L29c	>Encourage community-wide use of integrated pest management to reduce impacts from fertilizers and pesticides					X					Educational information on website		
		L29d	>Use integrated pest management strategies for municipal landscapes to reduce impacts from fertilizers and pesticides					X						Y	
		L30	<b>Increase the quality and amount of sustainable landscaping in the community</b>					X							
		L30a	>Use native and sustainable landscaping on municipal properties				X						Landscaping contract with Scopellite		
		L30b	>Promote native and sustainable landscaping initiatives community wide by connecting residents to plants and information				X						Parkway Tree Planting program & Mater Tree Planting list for residents	Y	X
		L30c	>Increase the amount of sustainable landscaping in the community through subdivision and development codes						X						
		L30d	>Encourage planting and registering of pollinator gardens through the Million Pollinator Garden Challenge						X					Y	
		L30e	>Adopt the Mayors Monarch Pledge						X					Y	
		L31	<b>Maintain beautiful landscapes and streetscapes to enhance gateways, business districts and important public spaces</b>				X						Downtown Master Plan	Y	X


Category	GOAL	OBJECTIVE	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource	
Policy	Achieve greater livability through sustainable land use and housing policies	L32	Adopt codes and incentives that guide sustainable development that maximizes social benefits and minimizes infrastructure demands	X										
		L32a	>Modify zoning and building regulations to allow mixed-use					X						
		L32b	>Use zoning and development regulations in strategic locations to increase walkability					X						
		L32c	>Promote site design that encourages the development of vibrant, walkable, commercial areas											
		L33	Enact and enforce land use policies that protect valuable natural assets and support resiliency	X								Downtown Master Plan		X
		L33a	>Enact and enforce land-use policies that preserve open space	X								Coal Tar Ban		X
		L33b	>Enact and enforce policies that preserve and restore functioning wetlands					X				Zoning regulations		
		L33c	>Enact policies that require conservation design best management practices to protect natural resources									BMP Guide for residents		Y
		L33d	>Protect sensitive aquifer areas via land use regulations						X					
		L33e	>Protect key natural assets and open space through zoning and planned unit developments	X										
		L33f	>Enact and enforce a tree preservation ordinance to protect valuable trees on private property	X								Tree removal permit		X
		L34	Integrate resiliency strategies into development policies and plans						X					Y
		L35	Facilitate the retention of farms and other working lands							X				
		L36	Enact an ordinance that requires ample sustainable tree and landscape planting for new development and redevelopments						X					
L37	Collaborate with state and federal partners to prepare for and respond to invasive pest threats		X								Mosquito abatement		X	
L38	Engage the community in programs and special events to celebrate nature, such as Arbor Day and Earth Day		X								Arbor Day tree giveaway		X	
L39	Educate the community about the value of trees, native and sustainable landscaping		X								Forestry webpage		X	
L40	Engage community volunteers in land stewardship activities on public and shared landscapes		X								Park District Beach Clean Up Events		X	


LAND		Category	GOAL	Objective	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource			
	Education, Outreach & Engagement	<b>GOAL</b> Cultivate a conservation ethic in the community	L41	Educate city staff about forest, wetlands and prairie best management practices		X							BMP Guide for residents		X			
			L42	Encourage beautiful, sustainable landscaping on private property	X										BMP Guide for residents; Green Awards	Y	X	
			L43	Enlist volunteer groups to help in acquisition and stewardship of public lands						X								
			L44	Engage residents through a natural resources, conservation and/ or tree commission												Environmental and Forestry Commission		X
			L45	Educate planning commissioners about sustainable development principles and conservation strategies							X							
			L46	Engage local farmers to adopt conservation practices										X				
				Total	16	26	0	2	24	17	4							

LEADERSHIP		Category	GOAL	OBJECTIVE	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact initials	Notes	Link to Resource	Link to Winnetka Resource			
Leadership	★		<b>GOAL</b> + ADVANCED STRATEGY Engage with academia and non-governmental organization to support the GRC2 Engage with state and national municipal associations to align actions with GRC2 Report local and regional environmental data to advance national and international collaborative efforts (e.g., GHG reporting, water supply planning) Share information about municipal leadership in sustainability broadly in the community and externally Seek recognition for community sustainability achievements	L1	Engage with academia and non-governmental organization to support the GRC2		X						Past NU - CEE, EFC Student Member, Go Green Winnetka		X			
				L2	Engage with state and national municipal associations to align actions with GRC2		X								SWANCC, Northwest Municipal Conference, Metropolitan Mayors Caucus, SolSmart	Y	X	
				L3	Report local and regional environmental data to advance national and international collaborative efforts (e.g., GHG reporting, water supply planning)		X									Park District measures E.coli on beaches PW measures lead in municipal water supply and issues annual report PW measures drinking water quality and issues annual report		X
				L4	Share information about municipal leadership in sustainability broadly in the community and externally		X									EFC gives annual Green Awards (and publicizes on website)		X
				L5	Seek recognition for community sustainability achievements		X									Goal: to become formally involved in the Retail Master Plan; Green Awards	Y	X
Advocacy			Advocate for state policies and investment that support municipal advances in sustainability Advocate for federal policies and investment that support municipal advances in sustainability Seek collaboration with the business sector to support municipal sustainability, (e.g., product stewardship)	L6	Advocate for state policies and investment that support municipal advances in sustainability			X					Volkswagon Mitigation Plan					
				L7	Advocate for federal policies and investment that support municipal advances in sustainability				X									
				L8	Seek collaboration with the business sector to support municipal sustainability, (e.g., product stewardship)						X						Y	
Collaboration			Work collaboratively towards a sustainable region Partner with other local governments to achieve efficiency and sustainability Participate with regional, state and federal initiatives to plan and achieve sustainability Partner with non-governmental organization to advance sustainability in the community and regionally	L9	Partner with other local governments to achieve efficiency and sustainability								Goal: change ordinance to include Park District liaison on the EFC					
				L10	Participate with regional, state and federal initiatives to plan and achieve sustainability					X								
				L11	Partner with non-governmental organization to advance sustainability in the community and regionally						X					Goal: formalize/account for liaison with GoGreenWinnetka		
				Total				0	5	0	0	5	1	0				

Category	GOAL	OBJECTIVE	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource			
Bike and Pedestrian	 <b>GOAL</b>	<b>OBJECTIVE</b>  > STRATEGY  + ADVANCED STRATEGY									Gaps ID'd: lack of sufficient parking, safe routes, signage; lack of road width for bike lanes on arterials	Y				
			M1	Identify gaps in pedestrian and the bicycle networks and barriers to active modes of travel				X					Bikeway System Master Plan approved by Winnetka Park District Bd of Commissioners (2016)		X	
			M2	Create a bicycle and pedestrian plan to improve connectivity in the community and beyond		X										
			M3	Implement recommendations from the bicycle and pedestrian plan				X								Y
			M3a	>Earn Bicycle Friendly Community designation				X					Future goal			Y
			M3b	>Earn Walk Friendly Community designation				X					Future goal			Y
			M4	Collaborate with regional partners to connect on-and off-road bicycle facilities with existing and planned regional trail networks		X								Forest Preserve District of Cook County; links to Green Bay Trail, North Branch Trail; hike/bike to Chicago Botanic Garden, Ravinia in Highland Park, Wilmette; Bike Winnetka held Sept 2017 by WPD for all ages thru scenic Winnetka in group rider format		X
M4a	>Increase East/West connectivity										EFC added item 7/11/2018					
M5	Provide bicycle parking at municipal facilities, business districts and transit stations and in neighborhoods		X								Bike racks at HW Park, Dwyer Park, 3 transit stations, 6 schools. Bike racks needed at business districts	Y				

MOBILITY		Category	GOAL	OBJECTIVE	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource		
Transportation Infrastructure	 <p><b>GOAL</b></p> <p>Maintain a diverse, safe and efficient transportation network</p>	M6	Maintain streets and sidewalks for efficiency and safety without harming natural resources	> STRATEGY + ADVANCED STRATEGY	X								Snow removal operations (brine roads, clear sidewalks). Winnetka is a built-out community	X			
		M7	Maintain efficient traffic flow within and around the community				X										
		M8	Synchronize traffic signals to reduce vehicle idling	X											Green Bay & Elm traffic signal synchronization. Hibbard & Willow signal		
		M9	Incorporate sustainable roadways into capital improvement planning, proactively plan for major transportation infrastructure improvements					X							Walkable neighborhoods, 3 train stations & Pace buses connect citizens to Chicago, schools, points north & south		
		M10	Collaborate to develop transportation infrastructure with context sensitivity					X								Y	
		M11	Coordinate with regional transportation agencies to maximize bicycle, pedestrian, vehicular transit, and rail connectivity and mobility					X							Metra \$7 million project planned for Hubbard Woods Station in 2018-2019 (incl ADA elevator and new platforms)		
		M12	Collaborate to provide alternative fuel infrastructure at public sites					X							Possible electric charging station(s) with VW settlement		
		M13	Incorporate trees and other green infrastructure elements into roadway design and maintenance for functionality and aesthetics				X								Tree City USA Community since 1991; Master Tree Planting List, Village Forester make specific tree recommendations	X	
		M+14	+ Use the Envision checklist and infrastructure sustainability rating system to guide project development						X							Y	


Category	GOAL	OBJECTIVE	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource	
Stewardship	 <p><b>GOAL</b></p> <p>Support regional transportation innovation</p> <p>&gt; STRATEGY</p> <p>+ ADVANCED STRATEGY</p>	M15	Support regional transportation innovation				X							
		M16	Support coordinated investment to improve efficiency in passenger and freight railroads				X					planned Metra \$7 million HW project, Village has supported Metra improvements for passenger access & safety. Bridges.		
		M17	Collaborate to support a network of alternate fueling infrastructure				X					VW settlement (see M12)		
		M18	Advocate for broad adoption of clean fuel fleets (i.e utilities, businesses, other agencies etc.)				X					Village vehicles (Public Works) utilize biodiesel fuel		
		M19	Support strong national fuel efficiency standards						X					
		M20	Seek both public and private partnership to finance transportation system improvements					X				TOD Redevelopment of 1.6 acres: residential 5-story 62-unit Winn to be built next to Winnetka Metra station; includes rooftop gardens, green roofs, underground parking garage; METRA improvements to Winnetka and Hubbard Wood train stations supported by Village Council		
		M21	Strategically manage parking policies and priorities to advance sustainability					X				DMP evaluating parking options		Y
		M22	Create Safe Routes to School					X				neighborhood schools encourage walkability, biking to school		Y
		M23	Enact and enforce anti-idling policies for public fleet vehicles					X				Anti-idling policy		X
		M24	Designate no idling zones at schools, transit stations etc.					X				no idling at elem schools encouraged		
M25	Adapt engineering standards to incorporate sustainable practices into roadway construction and maintenance while assuring public safety					X				Permeable pavement in new Community House parking lot				


MOB	Category	GOAL  <i>transportation policies, programs and regulations</i>	OBJECTIVE  > STRATEGY  + ADVANCED STRATEGY	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource	
		M26	Adapt building codes to accommodate and encourage alternate fuel infrastructure						X						
		M27	Adopt a Complete Streets policy to benefit all road users						X					Y	
		M28	Revise subdivision code to promote active transportation, i.e., street sanctions that require bicycle facilities and sidewalks							X		Winnetka is built-out		Y	




Category	GOAL	OBJECTIVE	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource	
Shared-use Mobility	<i>Promote public and sustainable transportation choices</i>	M29 Collaborate to maintain and enhance transit facilities	X								3 Metra train stations; Winnetka and Hubbard Woods stations incl elevators for handicapped access; after 31 deaths at RR crossings in 1930s, tracks lowered by trench in 1940s to improve safety stations; unusually high number of stations; no expansion needed			
		M30 Collaborate to expand regional transit capacity and improve service			X									
		M31 Expand local transit connections to meet identified needs				X						Pace Bus routes added to Winnetka		
		M32 Collaborate to provide multi-modal transportation options to resolve the first and last mile barrier					X							
		M33 Encourage municipal employees to use alternative modes of transportation to commute to work	X									Employee public transportation benefit program		
	M34 Encourage residents and visitors to walk and bike			X							Go Green Winnetka, Music Fest, Bike Winnetka	Y	X	
	M35 Promote the availability of regional transit options					X						Y		
	M36 Collaborate with the community's largest employers to offer flex scheduling, telecommuting, public and active transportation					X					Many New Trier teachers commute via Metra train; Indian Hills station heavily used by students and teachers			
	M37 Educate the community on the negative impacts of car idling			X							Go Green Winnetka, Village webpage	Y	X	
M38 Advocate for mass transit funding			X							Metra Station		X		
Education & Outreach	<i>Promote public and sustainable transportation choices</i>	M39 Encourage active transportation and community building in an open streets event	X								Winnetka Music Festival 2017 & 2018 (street closures); Art in the Village Event (Hubbard Woods Park); Coffee & Classics vintage European car show occurs monthly (June-October in East Elm Business district); all events encourage walking, biking, next to train stations	Y		


Category		GOAL	OBJECTIVE	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource
			<p><b>OBJECTIVE</b></p> <p>&gt; STRATEGY</p> <p>+ ADVANCED STRATEGY</p>	4	8	0	0	5	2					
Total				4	8	0	0	5	2					

MUNICIPAL OPERATIONS		Category	GOAL	OBJECTIVE	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource	
Lead by Example				<p><b>GOAL</b></p> <p>+ ADVANCED STRATEGY</p> <p>&gt; STRATEGY</p>												
			MO1	Support or create an interdisciplinary team to coordinate internal sustainability efforts	X									Environmental and Forestry Commission		X
			MO2	Dedicate staff to direct sustainability initiatives	X									EFC staff liaison; Goal: future Village Sustainability Coordinator		
			MO2a	>Dedicate a staff liaison to other boards					X							
			MO3	Leverage state/federal and private grants and resources to advance sustainability					X							
			MO4	Educate and train staff on sustainability practices	X									Anti-idling policy (Public Works SOP 17.4), SolSmart staff permitting training (#P-8)		
			MO5	Achieve third party certification for sustainable public facilities					X							Y
			MO5a	>Achieve LEED or Green Globes certification for public buildings					X							Y
			MO5b	>Achieve Sustainable Sites Certification for public landscapes					X							Y
			MO5c	>Achieve ENVISION certification for public infrastructure					X							Y
			MO6	Formalize sustainability goals and plans	X									In progress; EFC strategic plan; GRC2		
			MO6a	>Adopt the Greenest Region Compact 2	X											Y
			MO6b	>Use the GRC2 Framework to create a sustainability plan and formally adopt it					X							Y
	MO+7	Consolidate and/or share the delivery of public services with other local governments	X									Member of the Municipal Purchasing Initiative (MPI)		Y		
	MO+8	+ Establish municipal finance practices to re-invest cost savings into sustainability initiatives						X								
	MO+8a	>Earmark Lakeshore Recycling Systems rebate funds for sustainable activities or projects						X								


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Sustainable Operations	 <p><b>GOAL</b></p> <p><i>Integrate sustainability into all municipal operations</i></p>	<p><b>OBJECTIVE</b></p> <p>&gt; STRATEGY</p> <p>+ ADVANCED STRATEGY</p>												
		MO9	Adopt an environmental purchasing policy consistent with sustainability				X							
		MO10	Extend useful life of physical assets	X								In-house fleet services		
		MO11	Manage special events sustainably				X					Work with Park District; Music Fest		
		MO11a	>Park District Special Events				X							
		MO+12	Integrate sustainability into capital planning				X							
		MO+13	Inventory, assess and manage municipal assets sustainably							X				
		MO14	Operate a safe, clean and efficient fleet	X								Fleet maintenance software (CFA)		
		MO14a	>Conduct baseline fleet analysis				X							
		MO14b	>Optimize fleet performance by reconciling tasks and vehicle types				X							
		MO14c	>Increase fleet efficiency through driver education and training				X					No idling policy, regular driver training		
		MO14d	>Modify and retrofit vehicles to use alternate fuels				X							
		MO14d	> Migrate fleet to alternate fuel vehicles				X							
MO15	>Certify as an IEPA Illinois Green Fleet	X												
MO15	>Join Chicago Area Clean Cities Coalition and report						X							
MO+17	+ Collaborate with businesses, industry leaders and other agencies to develop alternative fuel infrastructure						X							
MO18	Track, analyze and manage data to advance sustainability						X							
MO18a	>Establish performance metrics						X							
MO18b	>Collect and organize data						X				Refuse & Recycling data			
MO18c	>Report and share data						X				Northwest Municipal Conference Surveys			
MO18d	>Continue to track and monitor data over time	X									Public Works monthly report			
MO+10	+ Use 'smart' technology to efficiently manage waste, water, fleet, air and energy data						X							

MUNICIPAL OPERATIONS


Category	GOAL	OBJECTIVE	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 month	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource
	 <b>GOAL</b>	<b>OBJECTIVE</b>	6	5	0	0	24	0	1				
		> STRATEGY											
		+ ADVANCED STRATEGY											
	<b>Total</b>		6	5	0	0	24	0	1				

GOAL		Category	Objectives	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource		
	<b>GOAL</b> + ADVANCED STRATEGY > STRATEGY Preserve and maintain the community's historic assets Integrate historical and cultural assets through community programming Formalize support for culture and the arts Engage community volunteers through an arts/culture-oriented citizen advisory group Foster understanding of diverse cultural traditions Promote beauty and livability in community design, stewardship, and through partnerships Protect all residents from the effects of pollution Create a community that is resilient and well-prepared for disaster Connect community members to existing services that support health and wellness Ensure high quality essential human services programs are available and utilized	Arts and Culture	SC1		X							Landmark Preservation Commission Strict permitting/review process	X			
			SC2		X								Winnetka Historical Society	X		
			SC3			X								Music Festival Winnetka Community House		
			SC4					X								
			SC5						X							
			SC6		X									Design Review Board, Landmark Preservation Commission	X	
	SC7							X								
	SC8		X									Fire & Police Departments, FEMA training, stormwater master plan	X			
	SC9				X							Winnetka Community House	X			
	SC10						X									
	SC11				X							Mosquito Abatement District	X			
	SC12				X							Park District - Programs & Facilities Winnetka Farmers Market	X			
	SC+13				X							Park District - Youth Programs	X			
	SC+13a						X									
	SC+14				X							Police & Fire Departments	X			
SC+14a								X								
SC+15								X								


Category	GOAL	OBJECTIVE	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource	
Local Food	<i>Increase access to sustainably grown local food</i>	SC16	Educate and engage the community in a sustainable food culture	X							Winnetka Farmers Market			
		SC17	Incorporate local and healthy options into public food-service procurement and events				X							
		SC18	Support and promote family and community gardens				X							
		SC+19	+ Analyze and assess the current food system				X							
		SC+20	+ Support innovative technologies for food production and distribution				X							
Social Justice	<i>Sustain community principles that are welcoming, inclusive and equitable</i>	SC21	Cultivate and preserve a welcoming and inclusive community character			X								
		SC22	Support social justice and equity throughout the community			X								
		SC23	Promote diversity of housing stock accessible to diverse residents				X						Y	
		SC24	Distribute public services and resources equitably in the community				X							
Sustainable Community	<i>Promote a sustainable identity for the community</i>	SC25	Promote third party certification for sustainable private facilities				X							
		SC25a	>Promote green certification for private buildings	X									Y	
		SC25b	>Promote ENVISION certification for private & public infrastructure				X							Y
		SC26	Develop and maintain a community brand that highlights sustainability		X							Adoption of GRC2 Downtown Master Plan		Y
		SC26a	>Participate in the Green Office Challenge					X						Y
		SC+27	+ Assess sustainability achievements relative to comparable cities		X							Collaboration with other municipalities regarding GRC2 initiatives		Y
		SC27a	>Participate in the STAR Community Rating System						X					
		SC28	Incentivize green building in new construction and re-construction				X					Participation in SolSmart		Y

Category	GOAL	OBJECTIVE	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource	
Policy	 <p><b>GOAL</b></p> <p>Assure local policies and codes support sustainability</p>	SC29	Identify existing Code impediments sustainable building and site best practices			X					Participation in SolSmart			
		SC30	Develop housing policies, programs, and regulations designed to support and promote sustainability			X						Participation in SolSmart		
		SC31	Revise and/or develop codes to promote sustainable building and site practices	X								Construction and Demolition Debris Recycling policy (Village Code 15.54.010); Participation in SolSmart		X
		SC32	Enact policies to preserve dark skies					X						Y
		SC+33	+ Incentivize green building in new construction and re-construction			X						Participation in SolSmart		Y
		SC+34	+ Require third-party green building certification for appropriate new construction					X						
		SC35	Educate the community about sustainability initiatives using existing municipal communication outlets (i.e., cable TV, newsletters)	X									EFC Communication Items, Winnetka Report	
Education	<p>Cultivate community values based on principles of sustainability</p>	SC36	Assure community education messages are accessible in all languages and formats						X					
		SC37	Use community festivals, lectures, workshops and other events to share information about sustainability				X							
		SC38	Distribute sustainability information and resources provided by other allied organizations and government agencies				X							Y
		SC39	Collaborate to incorporate sustainability into school curricula	X								Handouts in Village-owned buildings		X
		SC40	Collaborate to assure equitable access to quality education in the community				X					District 36 schools - Future Ready Plan		
		SC+41	+ Formalize an environmental education strategy					X						
		SC+42	+ Develop/ distribute a green building manual					X					Stormwater BMP Guide for Residents	






Category	GOAL 	OBJECTIVE  > STRATEGY  + ADVANCED STRATEGY	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource		
			X	X										X	
Outreach and Engagement	Cultivate community values based on principles of sustainability	SC43	Utilize strategic partnerships with other community organizations to promote sustainability	X								SWANCC	X		
		SC44	Participate in regional and national sustainability networks		X								SWANCC, IEPA, SoSmart	X	
		SC45	Encourage the community to participate in sustainability initiatives and events		X								Electronics recycling program	X	
		SC46	Establish or strengthen an inter and intra/agency Green Team		X										
		SC47	Engage residents in sustainability initiatives through an environmentally-focused citizen advisory group	X									Go Green Winnetka Environmental & Forestry Commission	X	
		SC48	Foster positive communication and collaboration among local and regional institutions					X							
		SC49	Reach out and remove barriers to include all residents in civic affairs						X				Sharing_GRC2_with other Winnetka Boards		
		SC50	Host environmentally focused event(s)	X									Electronics Recycling, Paper Shredding event, Pumpkin Composting event, Arbor Day event, Leaf Collection	X	
		SC51	Encourage residents and businesses to contribute their time and resources to sustain the community					X						Y	
		SC52	Promote green building practices to residents, businesses and developers					X						Y	
		SC+53	Create an award or recognition program to encourage and report sustainable behaviors for residents at home	X										Y	
		SC+54	Create an award or recognition program to encourage and report sustainable actions by local businesses	X										Y	
		Total			9	15	1	4	15	15	1				X



WASTE & RECYCLING		Category	GOAL	WR1	WR1a	WR1b	WR2	WR3	WR4	WR5	WR+6	WR+7	WR+8	WR9	WR9a	WR9b	WR9c	WR10	WR11	WR +12	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 month	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource					
			OBJECTIVE																																	
			> STRATEGY																																	
			+ ADVANCED STRATEGY																																	
			<b>Set a specific waste reduction goal:</b>																																	
			> Set a waste reduction goal for municipal operations																																	
			> Set a waste reduction goal for the community																																	
			<b>Promote and practice waste reduction &amp; recycling in municipal operations</b>																																	
			<b>Reduce the use of paper in municipal offices</b>																																	
			<b>Conduct waste audits to identify waste reduction opportunities</b>																																	
			<b>Support exchange of goods and services among residents (i.e. Rummage Sale, Sporting Goods Swap)</b>																																	
			<b>+ Adopt a Pay-As-You-Throw program</b>																																	
			<b>Support by-product synergies among industries</b>																																	
			<b>Make public events "zero waste"</b>																																	
			<b>Establish and strive for specific recycling goals:</b>																																	
			> Establish and strive for a residential recycling goal																																	
			> Establish and strive for a multi-family recycling goal																																	
			> Establish and strive for a commercial & institutional recycling goal																																	
			<b>Provide curbside recycling for residents</b>																																	
			<b>Provide access to recycling infrastructure and services at public places</b>																																	
			<b>Support regional efforts for developing a food scrap composting services</b>																																	


Category	GOAL 	OBJECTIVE		Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource	
		> STRATEGY	+ ADVANCED STRATEGY												
Waste Diversion	<i>Divert waste from landfills</i>	<b>WR13</b>	<b>Collaborate to Support proper disposal of:</b>												
		<b>WR13a</b>	> Support proper disposal of household hazardous waste	X									Mercury, CFL bulb program, SWANCC programs	X	
		<b>WR13b</b>	> Support proper disposal of pharmaceutical and personal care product waste		X								Fire Department programs - drug take back day; Sharps disposal	X	
		<b>WR13c</b>	> Support proper disposal of fats, oils and grease (FOGs)			X									
		<b>WR13d</b>	> Support proper disposal of electronic waste	X									Electronics recycling program	X	
		<b>WR14</b>	<b>Collaborate to provide recycling service for items not suitable for curbside pickup e.g. clothing, shoes, Christmas trees and lights</b>	X	X								Styrofoam, athletic shoes, Christmas trees, holiday lights, batteries, CFL bulbs	X	
		<b>WR15</b>	<b>Facilitate biosolid re-use in the community (e.g. landscaping)</b>	X									Compost at PW yards, Christmas tree recycling; fertilizer used by landscape contractor	Y	X
		<b>WR16</b>	<b>Require commercial &amp; multi-family recycling</b>				X						Provide recycling for both	Y	
		<b>WR17</b>	<b>Establish a construction &amp; demolition recycling policy</b>	X									Construction and Demolition Debris Recycling policy (Village Code 15.54.010)	X	
		<b>WR18</b>	<b>Eliminate policy barriers to on-site composting</b>	X									No barriers for residents to compost	X	
		<b>WR19</b>	<b>Engage with Solid Waste agencies to manage waste sustainably</b>	X									Collaborations with SWANCC	Y	X
		<b>WR20</b>	<b>Ban or discourage the use of products resulting in unmanageable waste (e.g. plastic bags)</b>					X							
		<b>WR21</b>	<b>Educate the community on recycling and composting practices</b>				X							Materials on website and at Village-owned buildings	Y

WASTE & RECYCLING		Category	GOAL	OBJECTIVE	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 month	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource	
Education & Engage	Engage the community in waste reduction and recycling	WR22	Educate the community to reduce waste by consuming less and reusing	Educate the community to reduce waste by consuming less and reusing		X							EFC Tips to Go Green	<a href="#">Y</a>	<a href="#">X</a>	
		WR23	Discourage fly dumping and littering	Discourage fly dumping and littering				X								
		WR24	Organize a community wide clean-up day	Organize a community wide clean-up day		X								Annual spring clean-up week		<a href="#">X</a>
		WR25	Engage community volunteers in recycling education and events	Engage community volunteers in recycling education and events		X								Presentations by Lakeshore Recycling Systems		<a href="#">X</a>
Total					9	8	0	0	11	5	0					


Category		GOAL	OBJECTIVE			Timeline								Notes	Link to Resource	Link to Winnetka Resource				
			> STRATEGY	+ ADVANCED STRATEGY		Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials							
Water Conservation	<i>Use and distribute water efficiently</i>	W1	<b>Reduce community water consumption per capita</b>						X											
		W1a	>Implement water efficiency measures at all municipal facilities							X										
		W1b	>Encourage residents and businesses to identify and mitigate water loss								X									
		W2	<b>Become a US EPA WaterSense Partner</b>																	
		W3	<b>Designate a staff Water Conservation Coordinator to manage water conservation programs</b>																	
		W4	<b>Participate in regional efforts and programs to conserve water</b>							X										
		W+5	<b>Provide customer incentives to retrofit using high efficiency, Water Sense appliances and fixtures</b>																	
		W+6	<b>Provide water use audits to customers</b>																	X
		W+7	<b>Collaborate with energy utilities to integrate water conservation into energy audits for residential customers</b>																	
		W+8	<b>Collaborate to encourage commercial, industrial and institutional customers to conserve water</b>																	


Category		GOAL	OBJECTIVE			+ ADVANCED STRATEGY	> STRATEGY	Notes	Link to Resource	Link to Winnetka Resource		
			Protect surface and groundwater from runoff and contamination	>Avoid the use of coal tar sealants on municipal property	>Resolve to eliminate unnecessary landscape pesticides and fertilizer use on municipal property						>Use sensible salting strategies to reduce chloride contamination	Collaborate to identify sensitive aquifer recharge areas
Water Quality		Protect and improve water quality	W9	Protect surface and groundwater from runoff and contamination								
			W9a	>Avoid the use of coal tar sealants on municipal property	X							
			W9b	>Resolve to eliminate unnecessary landscape pesticides and fertilizer use on municipal property		X				Coal tar ban		
			W9c	>Use sensible salting strategies to reduce chloride contamination	X					Phosphorus ban		
			W10	Collaborate to identify sensitive aquifer recharge areas						Salt education for plow drivers		
			W11	Support post-development runoff reduction and mitigation							X	
			W12	Inventory and inspect septic systems								
			W13	Collaborate with regional initiatives to protect Lake Michigan and the Mississippi River								
			W14	Label storm drains indicating the destination of discharge								


Category		<b>GOAL</b>	<b>OBJECTIVE</b>		Notes	Link to Resource	Link to Winnetka Resource
			> STRATEGY	+ ADVANCED STRATEGY			
WATER Water Infrastructure		Manage water system assets sustainably	<b>W15</b>	Operate an efficient water utility that delivers clean, healthful, water	Separate sanitary and stormwater systems	X	X
			<b>W15a</b>	>Control water loss by auditing water supply system using AWWA protocols	Annual IEPA submittal Village uses AWWA tool	X	Y
			<b>W15b</b>	>Periodically detect system leaks and develop a strategic plan for repair	Consistently monitor water pipes for leaks	X	Y
			<b>W16</b>	Comprehensively and sustainably manage water infrastructure			
			<b>W16a</b>	>Develop a water infrastructure asset management plan to sustain the system			Y
			<b>W16b</b>	>Implement the water infrastructure asset management plan to sustain the system	X		
			<b>W16c</b>	>Meter 100% of customers with automated reading technology	X		
			<b>W16d</b>	>Implement sub-metering for multi-family housing customers	X		
			<b>W16e</b>	>Detect and repair water system leaks		X	On-going leak inspections completed twice annually
			<b>W16f</b>	>Repair and replace inefficient water supply infrastructure	X		Continuous upgrades
			<b>W16g</b>	>Support property owners in timely repair of service lines through third-party warranty program		X	No third-party warranty
			<b>W17</b>	Invest water revenues into sustaining water infrastructure	X		Stormwater utility fee
			<b>W18</b>	Coordinate street, utility and water infrastructure projects		X	
			<b>W19</b>	Seek both public and private financing partnerships for infrastructure improvements		X	
			<b>W20</b>	Riparian communities: Collaborate with other agencies to assess dam performance and support removal when feasible		X	Forest Preserve District of Cook County


WATER		Category	 <b>GOAL</b>	<b>OBJECTIVE</b>  > STRATEGY  + ADVANCED STRATEGY	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource			
Stormwater Management and Green Infrastructure		Optimize the use of natural and built systems to manage stormwater	W21	Participate in the Community Rating System for flood mitigation and planning	Participate in the Community Rating System for flood mitigation and planning	X							FEMA Community Rating System Class 6	Y	X			
			W22	Participate in the National Flood Insurance Program allowing residents to access flood insurance	Participate in the National Flood Insurance Program allowing residents to access flood insurance	X								Annual flood plain mailings to residents, information on website		X		
			W23	Implement green infrastructure best management practices on municipal properties	Implement green infrastructure best management practices on municipal properties				X									
			W23a	>Build or retrofit paved surfaces with permeable materials	>Build or retrofit paved surfaces with permeable materials	X								Community House parking lot				
			W23b	>Install and maintain bioswales, filter strips, trees, rain gardens, and other functional landscapes	>Install and maintain bioswales, filter strips, trees, rain gardens, and other functional landscapes	X								Lincoln Ave lot landscaping				
			W24	Encourage residents and businesses to adopt green infrastructure practices	Encourage residents and businesses to adopt green infrastructure practices	X									BMP guide for residents, Green Awards		X	
			W24a	>Collaborate to provide rain barrels, plants and other resources to allow resident to capture and store rainwater	>Collaborate to provide rain barrels, plants and other resources to allow resident to capture and store rainwater	X									MRWD program		X	
			W25	Encourage residents and businesses to reduce flood risks on their property	Encourage residents and businesses to reduce flood risks on their property					X						Stormwater best management practices guide		
			W25a	>Incentive overhead basement sewer conversion	>Incentive overhead basement sewer conversion					X						Backflow prevention and overhead sewer reimbursement program		
			W25b	>Encourage property owners to disconnect downspouts from sewers and direct flow to landscaping	>Encourage property owners to disconnect downspouts from sewers and direct flow to landscaping	X										Village ordinance; inspections required		
			W26	Enhance natural features of stormwater detention and retention systems	Enhance natural features of stormwater detention and retention systems						X							
			W27	Collaborate to enhance wetlands for improved ecosystem services	Collaborate to enhance wetlands for improved ecosystem services					X						Strand Associates		
			W28	Collaborate with regional and state agencies to sustainably manage stormwater	Collaborate with regional and state agencies to sustainably manage stormwater					X						Forest Preserve District, Cook County, Army Corps of Engineers		



	<b>GOAL</b>	<b>OBJECTIVE</b>  > STRATEGY  + ADVANCED STRATEGY  + Use USEPA Water Quality Scorecard to develop a systems approach to optimize stormwater + Establish a stormwater utility funding mechanism	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource
			X	X	X	X	Y	Y	Stormwater utility fee				
Category	W+29 W+30	W+29 W+30	X	X	X	X	X	X	X	X	X	X	X

Category		GOAL	OBJECTIVE	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource			
Policy	Enact policies to protect water resources	W31 W32 W33 W34 W35 W35a W35b W35c W36 W37 W38 W39 W40 W41	Conduct a water rate study to determine sustainable rate structure	X								Completed in 2017		X			
			Adopt full-cost pricing policies for water service				X								Y		
			Amend code to require water efficiency and conservation in commercial and residential development						X							Y	
			Incorporate conservation practices into new development guidelines and incentives							X							
			Adopt a water conservation policy and/or plan inclusive of all customers and municipal operations								X					Y	
			>Enact and enforce regulation to control of wasteful water practices				X								Summer Lawn Sprinkler Hours ordinance		X
			>Enact and enforce outdoor watering regulations responsive to drought conditions				X								Summer Lawn Sprinkler Hours ordinance		X
			>Regulate or incentive water efficiency for customers managing large landscapes				X								Summer Lawn Sprinkler Hours ordinance		X
			Update stormwater ordinance to integrate Illinois State Model Local Stormwater Ordinance								X					Y	
			Adopt codes that enable rainwater harvesting for non-potable uses								X						
			Adopt a resolution supporting the Great Lakes and St. Lawrence River Basin Water Resources Compact										X				
			Review and adopt codes to eliminate barriers to green infrastructure BMPs including cisterns, green roofs, bioswales, permeable paving														
			Allow flexibility (off-site management, payment-in-lieu) to allow developments to meet stormwater management requirements sustainably														
			Enact codes that protect surface and groundwater from runoff and contamination														

Category		GOAL	OBJECTIVE		+ STRATEGY	+ ADVANCED STRATEGY	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource	
Stewardship			W42	Sustain supply of high-quality public water		X									Water treatment plant	X		
			W43	Ensure drinking and wastewater systems are operating efficiently		X									Water treatment plant	X		
			W44	Utilize treated effluent as a valuable water resource									X		MWRD			
			W45	Participate in watershed planning and stewardship efforts		X									Active member of North Branch Watershed Workgroup Executive Board	Y	X	
			W46	Implement municipal recommendations from watershed plan					X									
			W46	Allow public access and encourage stewardship of community waterways					X									
			W48	Support regional and statewide water supply planning and stewardship						X							Y	
			W49	Contribute local data on water supply, quality and operations to support state and regional stewardship		X										Annual water quality reports	Y	X
			W450	+ Enact a water offset policy for water neutral community growth								X						Y

WATER		Category		<b>GOAL</b>	Objective	> STRATEGY	+ ADVANCED STRATEGY	Planned for next 6 months	Planned for next 12-18 months	Interested in pursuing	Not planned	Not relevant	Contact Initials	Notes	Link to Resource	Link to Winnetka Resource					
Education and Outreach	Engage the community in water stewardship	W51	Educate and support the community to conserve water					X								X					
		W52	Educate the community on the value of clean and safe drinking water					X									X				
		W53	Promote tap water over bottled water								X							X			
		W54	Educate the community on practices that reduce contamination of water resources															X			
		W55	Support private well-owners in water quality monitoring and stewardship								X							Y			
		W56	Educate customers about public water supply and wastewater operations through media and events						X							Winnetka Report		X			
		W57	Educate the community on benefits and practices of green infrastructure						X							Stormwater best management practices guide and Green Awards		X			
		W58	Educate and support the community in preparing for and managing floods						X							Floodplain resources		Y			
		W59	Collaborate to teach water conservation and stewardship in schools											X							
		W60	Collaborate to raise watershed awareness and foster stewardship										X			District 36					
		Total											20	11	1	2	26	14	8		

### Proposed Consensus Recommendation from the GRC2 Framework

**PO:** Council proposes ordinance, or other Council-level action

**DS:** Council directs Staff to undertake

**EFC:** Council directs EFC to undertake

#### Citations to GRC2 goals and strategies

**Clean energy policies and actions:** recommended policies and actions to help reduce Greenhouse Gasses (GHGs), increase resiliency to the impacts of climate change, promote energy efficiency and reduced energy usage, develop renewable sources of energy, and engage the Village community in sustainability and clean energy practices.

#### Studies

1. Measure emissions from Village operations in advance of consideration of developing a GHG emissions reduction target for those operations, followed by monitoring to validate success or propose further efforts to reduce GHGs (DS) C1, C2
2. Audit, benchmark, and track energy usage in Village facilities, and promote energy audits and retro-commissioning studies of residential and commercial entities, and other governmental units in the Village (DS) E1, E2

#### Policies

3. Where feasible and economic, adopt energy efficiency measures for Village facilities, endeavor to make procurement and other Village functions consistent with sustainability, and develop renewable energy resources on underutilized Village properties (e.g., brownfields, rooftops, etc.) (PO, DS) E5, E6, E12, E14, E16, M9, M12, M17, MO9
4. Support the adoption of renewable energy technologies, particularly those that expand economic development opportunities in the Village or access to alternative energy options for residents (e.g., community solar, electric vehicle charging infrastructure, etc.) (PO, DS, EFC) E12, E13, E14, E17

#### Education

5. Engage the Village community in climate change mitigation and adaptation by educating the public about climate change, its effects, and opportunities for the community to meaningfully respond (EFC) C16, E13, E17, E33

## Proposed Consensus Recommendation from the GRC2 Framework – Waste and Recycling (elk draft)

**PO:** Council proposes ordinance, or other Council-level action

**DS:** Council directs Staff to undertake

**EFC:** Council directs EFC to undertake

### Citations to GRC2 goals and strategies

**Waste and Recycling policies and actions:** recommend policies and actions that contribute to sustainable material management and help reduce consumption, increase use of reusable materials and products, increase recycling and waste diversion, and decrease waste overall and sent to landfill.

### Studies

1. Measure waste and recycling volumes from Village operations in advance of consideration of developing a reduction target for those operations, followed by monitoring to validate success or propose further efforts to reduce waste and increase diversion (DS) WR1, WR1a, WR2
2. Measure waste and recycling volumes from residents, multi-family, commercial, and institutional entities, and other governmental units in the Village in advance of consideration of developing a reduction target for the community, followed by monitoring to validate success or propose further efforts to reduce waste and increase diversion (DS) WR1, WR1b, WR9, WR9a, WR9b, WR9c, WR16

### Policies

3. Adopt a Pay-As-You-Throw program (PO, DS) WR+6
4. Make public events “zero waste” (PO, DS) WR+8
5. Support and incentivize expansion of existing services to include food scrap collection, commercial and multi-family recycling, and discouraging the use of unrecyclable or hard to recycle items (such as single-use disposable plastic bags and/or utensils) (PO, DS, EFC) WR+12, WR16, WR18, WR19, WR20

### Education

6. Engage the Village community in sustainable material management by educating the public about waste, reduction, and diversion, and opportunities for the community to meaningfully participate in such efforts (EFC) WR21, WR22, WR24, WR25

**Water:** use and distribute water efficiently and sustainably, protect and improve water quality, and optimize the use of natural and built systems to manage stormwater.

**Counsel Proposes Ordinances Or Other Council Level Action:**

1. Adopt codes that enable rainwater harvesting for non-potable uses (W37).
2. Review and adopt codes to eliminate barriers to green infrastructure BMPs including cisterns, green roofs, bioswales, and permeable paving (W39).

**Council Directs Staff To Undertake:**

1. Reduce community water consumption by implementing water efficiency measures in Village operations and encouraging residents and businesses to identify and mitigate water losses (W1).
2. Protect surface groundwater from runoff and contamination (W9), support post-development runoff reduction and mitigation (W11), and encourage residents and businesses to address flood risks on their property (W24).
3. Comprehensively and sustainably manage water infrastructure (W16).
4. Collaborate to enhance wetlands for improved ecosystem services (W27).
5. Review and adopt codes to eliminate barriers to green infrastructure BMPs including cisterns, green roofs, bioswales, and permeable paving (W39).

**Council Directs EFC To Undertake:**

1. Reduce community water consumption by implementing water efficiency measures in Village operations and encouraging residents and businesses to identify and mitigate water losses (W1).

Support regional and state initiatives to protect water supplies and support stewardship of Lake Michigan and the Mississippi River (W48).

## April 2019 EFC Communications Content

### 1. Compost Available at Village Yards

*E-Winnetka Newsletter*

The Village offers free leaf-based compost material to residents beginning in Spring. Residents are welcome to pick up compost at the Public Works Facility located at 1390 Willow Road between 7:00 a.m. to 3:00 p.m. on weekdays. Residents are asked to supply their own container or bucket. Residents should call in advance to ensure there is an ample supply available.

### 2. Paper Shredding Event

*E-Winnetka Newsletter*

Winnetka's Document Destruction Event will be held **Saturday, August 24<sup>th</sup>, 2019** from **9:00 am to noon** at the Public Works Yards at 1390 Willow Road. The goal of the program is to assist residents with recycling outdated or sensitive documents. As a continuing program, the Solid Agency of Northern Cook County (SWANCC) is providing a one-day document destruction event for residentially-generated paper, such as medical forms, bank statement, personal files, retired tax forms, etc. Paper clips and staples do not need to be removed, but please remove binders.

There is no cost to participate, but residents must live in one of SWANCC's member communities and ID's will be checked for proof of residency. Residents will be limited to six file-size boxes or paper shopping bags per vehicle. Please do not bring documents in plastic bags. As residents drive up in their vehicles, workers will unload the paper documents into large carts. When full, the carts of paper are emptied into the truck's cross-shredding machine. Alternative paper shredding events can be found on SWANCC's website at: <https://www.swancc.org/programs/document-destruction-events>

### 3. Phosphorus Ordinance

*E-Winnetka Newsletter*

As a measure to protect water quality by reducing phosphorus runoff, The Village developed an ordinance banning the use of phosphorus-containing fertilizers within the Village. State law already prohibits the application of phosphorus-containing fertilizers by commercial applicators. The Village's ordinance complements the state law and allows exceptions for the Park District



and residents when phosphorus doesn't naturally occur at high enough levels, is otherwise low, and for newly sodded or seeded lawns.

While phosphorus is an essential nutrient for healthy plant growth, it is already present in efficient levels in our local soils. The application of excess phosphorus degrades water quality by causing excessive growth of algae and other aquatic plants, depleting dissolved oxygen and reducing biodiversity. Because residents are no longer permitted to use phosphorus-containing fertilizers, phosphorus-free and organic fertilizers are an effective alternative that can be found at most hardware stores. If you have any questions, please contact the Public Works Department at 847-716-3568.

#### **4. Earth Day – April 22<sup>nd</sup> and Arbor Day – April 26<sup>th</sup>, 2019**

##### *E-Winnetka Newsletter*

Residents are encouraged to celebrate Earth Day on April 22<sup>nd</sup>, 2018. Earth day has become a globally-recognized day dedicated to protecting our environment. First celebrated in 1970, Earth Day is now celebrated in more than 190 countries.

In addition to Earth Day, residents are encouraged to celebrate Arbor Day on April 26<sup>th</sup>, 2019. The Village of Winnetka invites residents to come to the Public Works facility at 1390 Willow Road and Village Hall at 510 Green Bay Road to obtain FREE tree seedlings. Arbor Day has been celebrated since the tradition first began in 1872 in Nebraska. Seasonal tree information displays along with free tree seedlings will also be available. Today Arbor Day is internationally recognized and celebrated in many countries around the world. Trees provide many social, ecological and economic benefits to our society worldwide. If you have any questions or need an inspection of your own trees, please call the Village Forester at 847-716-3535.

## 2019 EFC Communications Plan

### EFC Communication Process for Monthly Postings

1. EFC and Staff work together to draft and finalized monthly topics and supporting text.
2. Topics and supporting text are discussed and approved by the EFC at monthly meetings.
3. Topics and supporting text are sent to Village Manager's Office each month to be published in the appropriate communication channel (Weekly email newsletter, Winnetka Report, etc).

### January

#### Weekly E-Newsletter:

- EFC Green Awards Application Reminder
- Reduce - Consider how to reduce energy use and costs in your home and business
- Reduce - Switch from incandescent bulbs to LED bulbs (and put incandescent into garbage/landfill and recycle LED bulbs in the lobby of the Winnetka Public Works)

### February

#### EFC Green Awards Application Deadline – February 28

#### Weekly E-Newsletter:

- Reduce – Think before you buy
- Reduce - Think before you pack

### March

#### Spring Winnetka Report Submission Deadline – March 19

#### Winnetka Report Articles:

- Coal Tar Sealant Reminder
- Paper Shredding Event
- Electronics Recycling Program Resuming
- Clean-Up Week

#### Weekly E-Newsletter:

- Electronics Recycling Program Resuming
- Reduce - Use your car less
- Reduce - No Idling
- Composting - Backyard

### April

#### Weekly E-Newsletter:

- Compost available at Village Yards
- Paper Shredding Event
- Phosphorus Ordinance
- Earth Day – April 22<sup>nd</sup>, 2018 and Arbor Day – April 27<sup>th</sup>, 2018

## May

### Summer Winnetka Report Submission Deadline – May 11

Winnetka Report Articles:

- Recycling Guidelines insert
- Green Award Recipients

Weekly E-Newsletter:

- Shredding Event
- EFC BMP Guide – Summary & link to document
- Recycling - Break down all boxes
- Recycling - Leave lids on plastic containers

## June

Weekly E-Newsletter:

- Coal Tar Sealant Reminder
- Ban on Gas-Powered Leaf Blowers from June 1 through Oct. 1.
- Recycling - Make sure all containers are free of liquid and food residue
- Recycling - Plastic bags & film
- Forestry - Remove buckthorn and other invasive species

## July

Weekly E-Newsletter:

- Recycling - Plastic silverware
- Recycling – Styrofoam
- Forestry - Look into landscaping solutions as stormwater solutions

## August

### Fall Winnetka Report Submission Deadline – August 23

Winnetka Report Articles:

- Pumpkin Composting Event
- Curbside Leaf Collection

Weekly E-Newsletter:

- Recycling - #3 plastics
- Recycling - Paper napkins, towels, and tissues

## September

Weekly E-Newsletter:

- Recycling - Pizza boxes

- Recycling - Lids from glass bottles

**October**

Weekly E-Newsletter:

- Pumpkin Composting Event
- Recycling - Textiles
- Recycling - Look for bins in business districts
- Purchase unlimited recycling bins at Village Hall

**November**

Winter Winnetka Report Submission Deadline – November 2

Winnetka Report Articles:

- Holiday Lights Recycling

Weekly E-Newsletter:

- America Recycles Day (11/15)
- Composting - Leaf collection
- Battery Recycling
- Plastic bag, film and wrap recycling

**December**

Weekly E-Newsletter:

- Christmas Tree Pick-Up
- EFC Green Awards Application Reminder
- Holiday Lights Recycling
- Commercial District Business Lighting

### Solar Ambassador Presentation

As part of the Village's commitment to becoming a SolSmart designated community, the Village is hosting a Solar Ambassador, through the Illinois Solar Energy Association, on **Monday, March 18<sup>th</sup> at 6:00PM at Village Hall** (510 Green Bay Road). Solar Ambassadors are volunteers who help educate residents about solar power and answer any solar-related questions.

ISEA Solar Ambassador Peter Gorr will present "Powering Your Home with the Sun." This non-technical presentation will cover the basics of residential solar systems, including actual results from his experiences of converting his last 2 homes to solar energy.

This presentation is open to the public and all residents interested in solar energy are invited to attend. To learn more about ISEA's Solar Ambassador program, visit: <https://www.illinoissolar.org/solarambassadors>

Please contact Matt Havlik at (847) 716-3550 or [mhavlik@winnetka.org](mailto:mhavlik@winnetka.org) with any questions.



**WINNETKA ENVIRONMENTAL  
AND FORESTRY COMMISSION**

Chuck Dowding, *Chairperson*  
Barry Sylvester  
Rosann Park-Jones  
David Varca  
Chris Foley  
Elizabeth Kunkle  
Mike Nielsen  
Andrew Cripe



**GREEN AWARD NOMINATION**

Green Awards were developed by the Village's Environmental and Forestry Commission to recognize properties and households within Winnetka that demonstrate exceptional commitment to sustainable and environmentally friendly practices within the Village of Winnetka.

*Please complete the following information to nominate a property within Winnetka for a Green Award:*

Property Address: 855 Auburn Road

Owner: Amanda and George Hanley

Owner's Phone and E-mail: \_\_\_\_\_

1. **Award Category** (check one):

- Climate:** Projects that reduce greenhouse gas emissions, maintain clean and healthful air, and develop resiliency to climate change impacts.
- Economic Development:** Project that promote innovation and cultivate local and sustainable development, jobs and businesses.
- Energy:** Projects that reduce energy output such as increasing efficiency or utilizing renewable energy.
- Land:** Projects that conserve, utilize or restore existing land such as native landscape planting.
- Leadership:** Projects that work collaboratively towards a sustainable region or advocate for policies that align with sustainable practices.

- Mobility:** Projects that support safe and effective transportation, support efficient transportation that uses resources wisely, integrates sustainability into transportation policies, programs and regulation, or promote public and sustainable transportation choices.
- Municipal Operations:** Projects that lead by demonstrating sustainable values and practices, integrate sustainability into all municipal operations, operate a safe, clean and efficient fleet, collect and manage data to advance sustainability.
- Sustainable Communities:** Projects that promote cultural vibrancy in the community; foster a culture of health, safety and wellness; increase access to sustainably grown local food; promote a sustainable identity for the community; or cultivate community values based on principles of sustainability.
- Water/Stormwater:** Projects that filter stormwater runoff or store stormwater on property such bioswales, rain gardens or rain barrels.
- Waste & Recycling:** Projects that substantially reduce waste or use of recycled material. Such projects may include use of a composter, reusing recycled materials or diverting waste from landfills.
- Innovation/Other:** All other projects that do not fit into an above category.

2. **Property Type** (check one):

- Private
- Commercial
- Public

3. **Brief Description of the Project and Benefits** (use extra pages if needed): After building a "new" house 10 years ago with green elements incorporated in the design, construction, materials, etc., in the past 5 years specifically, the Hanleys have added 6 new veg beds including hoop house (around 500+ SF) along with more edible fruit shrubs/trees, converted to more native plantings, made their yard more pollinator/wildlife friendly, and chosen green outdoor features such as additional LED lights & recycled furnishings.
- 
- 

4. **Approximate Date of Project Completion:** Past 5 years

5. **Name, Address, Phone Number and Email of Nominator:** Liz Kunkle, 1303 Holly Lane, Winnetka
-

6. **Photos Enclosed**7. **Signature of Nominator:** \_\_\_\_\_8. **Signature of Property Owner:** \_\_\_\_\_

Please contact Matt Havlik with any questions at (847) 716-3550 or [mhavlik@winnetka.org](mailto:mhavlik@winnetka.org)

Please send this form with photos attached and other documentation to:

Matt Havlik  
Public Works Analyst  
1390 Willow Road  
Winnetka, IL 60093

**Guidelines:**

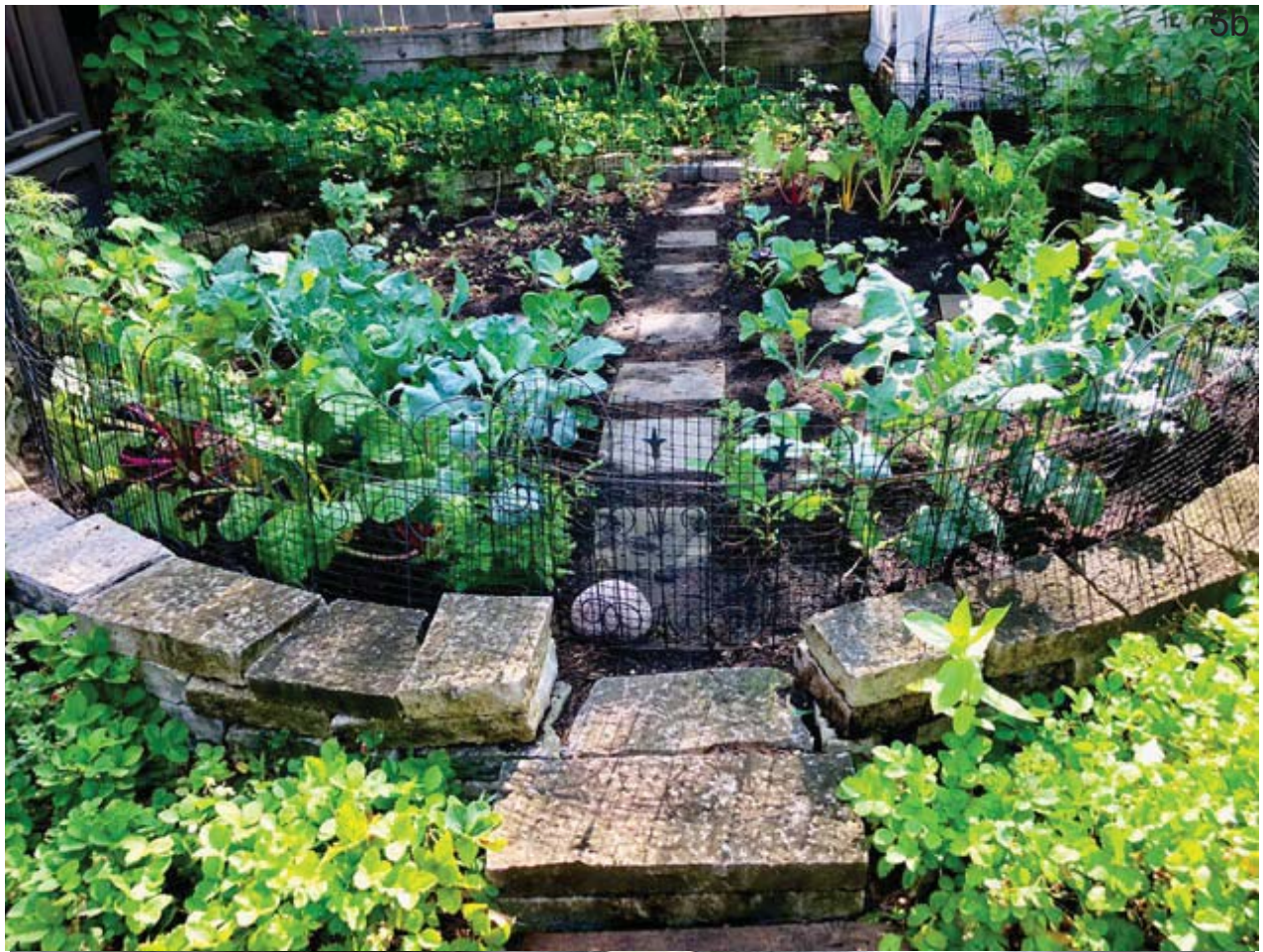
- You can nominate your own property or as many projects as you like, as long as you get the owner's signature.
- The project must have been completed within the past 5 years.
- Commercial, public or private properties are eligible.
- All applications are reviewed and awarded by members of the Environmental and Forestry Commission.
- Deadline for application is February 28, 2019. Awards are announced at the Village Council meeting closest to April 22<sup>nd</sup> (Earth Day).

**Award Criteria:**

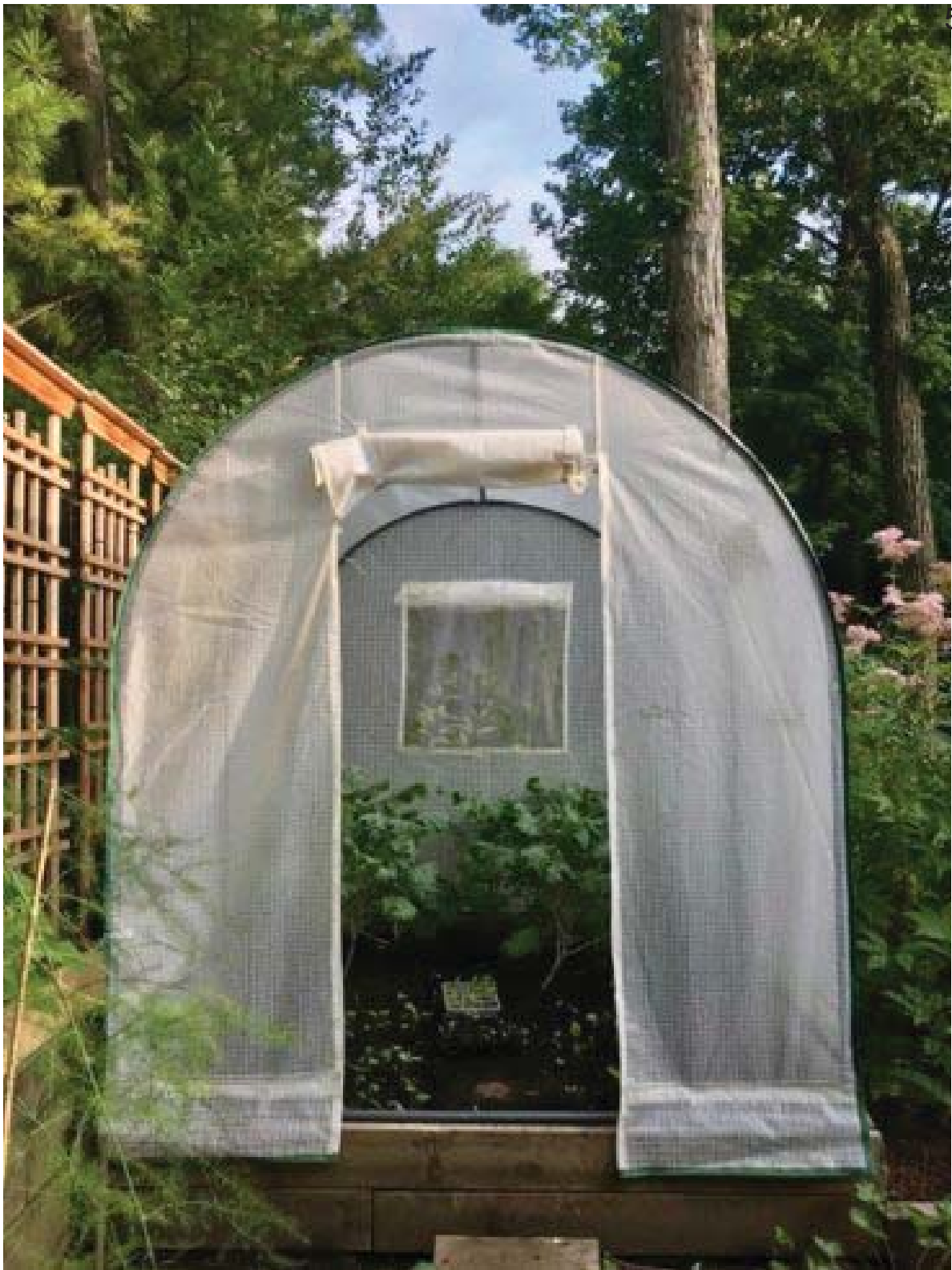
Applications will be evaluated by the Village of Winnetka Environmental and Forestry Commission based on how well the projects or initiatives meet the following criteria:

- Positive Impact - The project must have a meaningful and demonstrable impact in Winnetka by helping protect the environment or enhance the quality of life for residents.
- Embraces Innovation/Creativity - The project should reflect a new concept, technology, or practice in Winnetka and should employ new ideas in the industry.
- Overcomes Challenges - The project should explain what challenges were overcome.
- Transferable - The project should be able to be replicated by others in similar situations.
- Demonstrates Initiative - The project should reflect how the individual or group took action to move sustainability forward in their position or community.











## WINNETKA ENVIRONMENTAL AND FORESTRY COMMISSION

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2. **Property Type** (check one):

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3. **Brief Description of the Project and Benefits** (use extra pages if needed): After building a "new" house 10 years ago with green elements incorporated in the design, construction, materials, etc., in the past 5 years specifically, the Hanleys have added 6 new veg beds including hoop house (around 500+ SF) along with more edible fruit shrubs/trees, converted to more native plantings, made their yard more pollinator/wildlife friendly, and chosen green outdoor features such as additional LED lights & recycled furnishings.

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The Sichels moved into their home in mid-August 2017 (while the intersection of Birch and Cherry, at the end of their block, was under construction in connection with stormwater work that the Village was undertaking at the time). On October 14, 2017, the entire 3,000 sq. ft. basement in the Sichel home flooded with about 6” of water. This storm brought just over 4” of rain to Winnetka (making it the wettest calendar day since we got almost 7” on July 23, 2011) and quickly moved the Sichels up the learning curve of stormwater remediation.

Over the next month, until right before Thanksgiving, the Sichels undertook a number of remediation efforts, including:

- Drying out the basement area
- Ripping out carpet and one-third of the drywall.
- Installing two commercial-grade pits in the equipment area, jointly with three sump pumps and four battery backups. The first two sump pumps are designed to work in tandem, unless the amount of water is so much that they need to run in parallel. The third sump pump is supposed to kick in if they lose power and/or if the other two cannot do the job by themselves. In the worst case scenario, they could potentially be running all in parallel.
- Raising the existing ten window wells to the highest possible level and putting new lids on them.
- Running an alternative over-the-ground pipe in the back of the house to direct water out of the third sump pump into a section of the yard. The other two sump pumps discharge directly into the Village’s sewer system, but since this system is usually at capacity when it pours and it backs up, it makes no sense to add more water to it at times of emergency.

In the spring and early summer of 2018, the Sichels repaved the walkway to the front door and driveway to add as much inclination as possible leading up to the house. They also graded up all the beds in the east and south side of the house, again to add as much inclination as possible leading up to the house, by adding dirt, replanting edge plants, and placing boulders to contain the new dirt within the beds. Finally, in late summer 2018, they installed a small generator to provide additional backup (besides batteries) to run the sump pumps if needed.





<b>EFC Activity Calendar</b>		2/1/2019
<b>Month</b>	<b>Item</b>	<b>Notes</b>
January	LED Lighting	Water & Electric Department
February	Green Awards	Update of applications received
March	1) Recycling receptacles in business districts 2) Special recycling programs 3) Lakeshore Recycling Systems	Special recycling programs - batteries, holiday lights, styrofoam, CFL bulbs, athletic shoes Update from LRS on recycling tonnage and rebates
April	Park District recycling	Update from Park District on recycling in parks and special events
May	Construction waste recycling ordinance	Building Department
June	Forestry Update	Update from Forester on parkway tree plantings and Emerald Ash Borer
November	1) Coal tar-based sealant 2) Leaf blower ordinance 3) Phosphorus ban	Update on ordinance, licensing and enforcement
December	Pumpkin Collection	Update on annual event