



Village of Winnetka

Environmental and Forestry Commission Meeting

December 14, 2022 at 7:00 PM
Winnetka Village Hall Council Chambers - 510
Green Bay Road

AGENDA

- 1. Introduction & Chair's Remarks**
- 2. Public Comments**
- 3. Review and Approval of Minutes**
 - a. Approval of the November 9, 2022 Regular Meeting Minutes
- 4. Old Business Updates**
 - a. 2023 1H Planning & Priorities
 - b. Sustainability Plan Revisited
- 5. New Business**
 - a. Sustainable Materials Management
 - i. Comparative Recycling Guidelines
 - ii. Broader Materials Discussion & Greenpeace Report
 - b. CMAP Readout & VC Presentation
- 6. Communications**
 - a. Approval of January Communication Items
 - b. Discussion of February Communication Items
- 7. Committee/Staff Reports**
- 8. Open Forum**
- 9. Adjournment**

NOTICE

All agenda materials are available at villageofwinnetka.org (**Government > Council Information > Agenda Packets & Minutes**); the Reference Desk at the Winnetka Library; or in the Manager's Office at Village Hall (2nd 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, 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
November 9, 2022

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 Public Works Maintenance Yards, 1390 Willow Road, Winnetka, Illinois, Wednesday, November 9, 2022, at 7:00 p.m.

Call to Order:

Chairperson Hanley called the meeting to order at 7:01 p.m.; Voting Members present: Commissioners Patrick Hanley, David Varca, Rosann Park-Jones, Ted Wynnychenko, and Liz Kunkle. Voting Members absent: Peter Eck. A quorum of presently appointed members was present. Village Council Representative present: Andrew Cripe. Student Representatives Present: none. Student Representatives absent: Scarlett Harper and Marcus Buccellato. Staff Liaison present: Diana Puga, Public Works Analyst. Assistant Public Works Director, Erik Jensen was also present. Public present: four.

1) Introduction & Chair's Remarks:

Chairperson Hanley called the meeting to order at 7:01 p.m. and welcomed all Commission members. Staff Representative Puga took roll call for attendance.

2) Public Comment:

No Public Comment.

3) Review and Approval of Minutes:

a) Approval of the October Regular Meeting Minutes

Commissioner Wynnychenko made a motion to approve the November 9, 2022, minutes. The motion was seconded by Commissioner Park-Jones.

AYES: HANLEY, VARCA, PARK-JONES WYNNYCHENKO,
KUNKLE

ABSENT: ECK

NAYS: NONE

4) New Business, Old Business/Updates:

a) Lakeshore Recycling Systems Presentation and Q&A

Bill Kenney, Municipal Services Manager, gave a presentation regarding the process Lakeshore Recycling Systems (LRS) uses for their recycling streams beginning with the residents and ending with materials being run through various systems to separate the various recyclable materials.

A recording of the presentation will be made available on Go Green Winnetka's YouTube channel.

Members of the public asked various questions, including questions about plastic recycling and how to recycle or dispose of various items. He also discussed contamination of recyclable materials.

5) Communications:

a) Approval of the December Communication Items

The Commissioners approved the December Communication Items which included Christmas Tree Pick-Up, EFC Green Awards Application Reminder, Commercial District Business Lighting, and the Use of Natural Light During Winter. Commissioner Wynnychenko motioned to approve the **December** Communication Items and Commissioner Park-Jones seconded the motion.

AYES:	HANLEY, VARCA, PARK-JONES WYNNYCHENKO, KUNKLE
ABSENT:	ECK
NAYS:	NONE

b) Discussion of the January Communication Items

The Commissioners reviewed the January Communication Items, which included Christmas Tree Pick-Up, EFC Green Awards Application Reminder, Reducing Energy Use and Costs in your Home and Business, Making the Switch from Incandescent Bulbs to LED, and Ways to Avoid Using Poisonous Mouse Bait.

c) Discussion of Additional Proposed Communications Content

The Commissioners review the proposed communications content to amend future communication items. Commissioner Kunkle motioned to approve the Additional Proposed Communication Items and Commissioner Park-Jones seconded the motion.

6) Commission/Staff Reports:

The Commissioners discussed the City of Naperville IMEA Efficiency Funds and program which aids businesses in offsetting costs for switching to LED lights. The funds are used for thermostats, grants, energy efficient windows, insulation, and more. The Commission is interested in doing further research on this initiative to provide Winnetka residents similar benefits.

7) Open Forum:

No reports.

8) Adjournment:

There being no further business, Chairperson Hanley asked for a motion to adjourn which was moved by Commissioner Varca and seconded by Commissioner Kunkle. The motion passed; the meeting adjourned at 8:17 p.m.

DRAFT

EFC Working Calendar Framework [DRAFT]

as of 12/5/2022

Year	Month	Partner presentations & accountability check-ins	Confirmed	Presentation/ check-in EFC monthly 'lead'	Village Council Data Sharing	Long-term working project ("LTWP")	LTWP EFC lead	Village Council Presentation
2022	October	WPD - leaf blower ordinance	X	Patrick/Diana		Energy alternatives	Patrick	
	November	LRS Q&A	X	Liz	Volume of recycling	Energy alternatives	Patrick	
	December	Q12023 Look-ahead	X	Patrick	None	Sustainable Materials Management	Liz	
2023	January				CMAP 2019 baseline			EFC 2023 Plans (CMAP, Sust. Coordinator, Voluntary Green Initiative, Green Awards)
	February	Wilmette Sustainability Coordinator Presentation			None			
	March	D36 Presentation		Liz (?)	D36 Readout			IMEA/Electric Update
	April	Comms. look-ahead	X	Liz	None			
	May	WPD - leaf blower ordinance						
	June							
	July							
	August							EFC 2023 Work Report
	September	Solar Developer Q&A		TBD				EFC Budget Recommendations
	October							



Curbside Recycling Guidelines

Put in Recycling Cart LOOSE! - Empty & Clean



**Glass
Bottles & Jars**



Plastic
Bottles - Caps On Preferred,
Tubs, Jugs, Jars
No Bags, Film, or Foam



Metal
Steel & Aluminum
Depressurize Aerosols



Mixed Paper & Cartons
Flatten Boxes

DON'T Put in Recycling Cart!



**No Batteries,
Electronics,
or Sharps**



**No Plastic
Bags or Wrap**



**No Food, Liquids,
Diapers, or
Shredded Paper**



**No Clothing
or Shoes**



**No Hoses, Wires,
or Hangers**

Scan for FAQs:



swancc.org

WHAT CAN I RECYCLE?



TOP 10 IN THE BIN

1. CARDBOARD
2. PAPER
3. FOOD BOXES
4. MAIL
5. BEVERAGE CANS
6. FOOD CANS
7. GLASS BOTTLES
8. JARS (GLASS & PLASTIC)
9. JUGS
10. PLASTIC BOTTLES AND CAPS

ALSO RECYCLABLE BUT NOT IN CURBSIDE BIN

PLASTIC BAGS
AND WRAPS



ELECTRONICS



TEXTILES



Find out about your local
recycling options here:
www.iwanttoberecycled.org

New Greenpeace Report: Plastic Recycling Is A Dead-End Street—Year After Year, Plastic Recycling Declines Even as Plastic Waste Increases

Paper, cardboard, and metals are all recycled at a high rate, but plastic continues to be trash

October 24, 2022

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Most plastic simply cannot be recycled, a new Greenpeace USA report concludes. Circular Claims Fall Flat Again, released today, finds that U.S. households generated an estimated 51 million tons of plastic waste in 2021, only 2.4 million tons of which was recycled.





WASHINGTON, DC (October 24, 2022)—Most plastic simply cannot be recycled, a new Greenpeace USA report concludes. [Circular Claims Fall Flat Again](#), released today, finds that U.S. households generated an estimated 51 million tons of plastic waste in 2021, only 2.4 million tons of which was recycled.

The report also finds that no type of plastic packaging in the U.S. meets the definition of recyclable used by the Ellen MacArthur Foundation’s New Plastic Economy (EMF NPE) Initiative. Plastic recycling was estimated to have declined to about 5–6% in 2021, down from a high of 9.5% in 2014 and 8.7% in 2018. At that time, the U.S. exported millions of tons of plastic waste to China and counted it as recycled even though much of it was burned or dumped.

By EMF NPE standards, an item must have a 30% recycling rate to receive the “recyclable” classification. Two of the most common plastics in the U.S. that are often considered recyclable – PET #1 and HDPE #2, typically bottles and jugs – fall well below the EMF NPE threshold, only achieving reprocessing rates of 20.9% and 10.3%, respectively. For every other type of plastic, the reprocessing rate is less than 5%.

While PET #1 and HDPE #2 were previously thought of as recyclable, this report finds that being accepted by a recycling processing plant does not necessarily result in them being recycled – effectively negating the recyclability claim.

Lisa Ramsden, Greenpeace USA Senior Plastics Campaigner, said: “Corporations like Coca-Cola, PepsiCo, Nestlé, and Unilever have worked with industry front groups to promote plastic recycling as the solution to plastic waste for decades. But the data is clear: practically speaking, most plastic is just not recyclable. The real solution is to switch to systems of reuse and refill.”

According to the report, which is an update to [a 2020 report](#), mechanical and chemical recycling of plastic waste fails because plastic waste is extremely difficult to collect, virtually impossible to sort for recycling, environmentally harmful to reprocess, often made of and contaminated by toxic materials, and not economical to recycle.

Ramsden said: “Single-use plastics are like trillions of pieces of confetti spewed from retail and fast food stores to over 330 million U.S. residents across more than 3 million square miles each year. It’s simply not possible to collect the vast quantity of these small pieces of plastic sold to U.S. consumers annually. More plastic is being produced, and an even smaller percentage of it is being recycled. The crisis just gets worse and worse, and, without drastic change, will continue to worsen as the industry plans to triple plastic production by 2050.”

Ramsden continued: “We are at a decision point on plastic pollution. It is time for corporations to turn off the plastic tap. Instead of continuing to greenwash and mislead the American public, industry should stand on the right side of history this November and support an ambitious Global Plastics Treaty that will finally end the age of plastic by significantly decreasing production and increasing refill and reuse.”

Over 99 percent of plastic is made from fossil fuels, and as big brands continue their addiction to this harmful material, they are fueling climate impacts and jeopardizing communities in the name of profits. All over the world, communities of color face disproportionate health impacts from the plastics industry, whether through incinerators, landfills, petrochemical facilities, polluted waterways, or the harmful plastic packaging pushed on communities.

The report urges companies to take several additional steps to mitigate the systemic problems associated with plastic recycling, including phasing out single-use plastics, committing to standardized reusable packaging, and adopting a Global Plastics Treaty to help set international standards.

How we conducted this study

The original comprehensive, objective survey of acceptance of plastic items at U.S. residential material recovery facilities for curbside recycling has been continually updated since its creation in October 2019 and was reverified in August 2022. The survey was performed and verified by technically qualified volunteers of The Last Beach Cleanup: two registered professional chemical engineers and a recycling industry expert. The acceptance information was found in the public domain and is publicly shared to promote transparency and establish a traceable account of facts related to “recyclable” claims and labels for plastic products.

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Contact: Tanya Brooks, Senior Communications Specialist at Greenpeace USA, (+1) 703-342-9226, tbrooks@greenpeace.org

Greenpeace USA is part of a global network of independent campaigning organizations that use peaceful protest and creative communication to expose global environmental problems and promote solutions that are essential to a green and peaceful future. Greenpeace USA is committed to transforming the country’s unjust social, environmental, and economic systems from the ground up to address the climate crisis, advance racial justice, and build an economy that puts people first. Learn more at www.greenpeace.org/usa.

Winnetka

2019 municipal emissions summary

This local emissions summary was developed as part of the 2019 greenhouse gas emissions inventory for northeastern Illinois. The summary is not an exhaustive inventory but captures greenhouse gas emissions from most major sources. It is intended to help decision makers understand key emissions sources and provide communities with the information needed to begin developing emissions reduction plans. For more details on the methods and data sources used to prepare the summary, please refer to the [local emissions summaries methodology](#).

Community characteristics

Population	12,744
Jobs (full- and part-time)	4,504
Median household income	\$250,001
Share of owner-occupied housing units	90%
Land area (acres)	2,488
Tree coverage*	51%
Impervious surfaces*	32%
Greenest region compact member	Yes

*percent of land area

Emissions summary

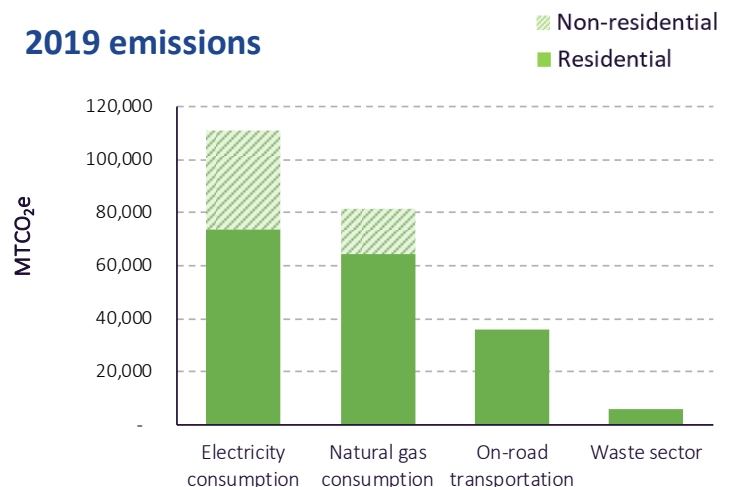


2019 emissions summary (MTCO₂e)

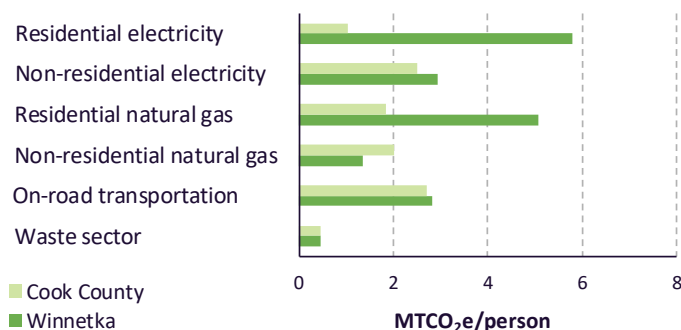
Residential electricity	73,832
Non-residential electricity	37,432
Residential natural gas	64,481
Non-residential natural gas	17,046
On-road transportation	36,036
Waste sector	5,800

MTCO₂e = metric tons of carbon dioxide equivalent

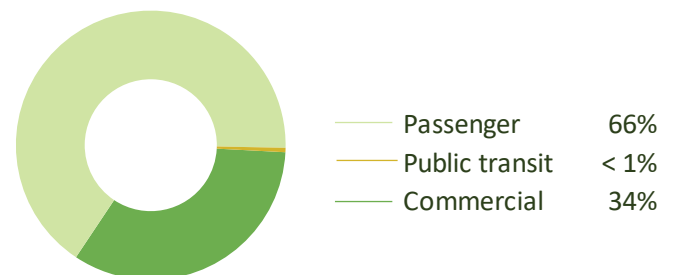
2019 emissions



2019 per capita emissions



On-road transportation emissions breakout



Energy characteristics



2019 energy consumption

Residential electricity (kWh)	80,258,000
Non-residential electricity (kWh)	40,690,000
Residential natural gas (MMBtu)	1,213,992
Non-residential natural gas (MMBtu)	320,926

kWh = kilowatt hours; MMBtu = million British thermal unit

Renewable energy information

Solar potential (megawatts)	34
SolSmart designation	Bronze

Data not available for all municipalities

2019 per capita energy consumption

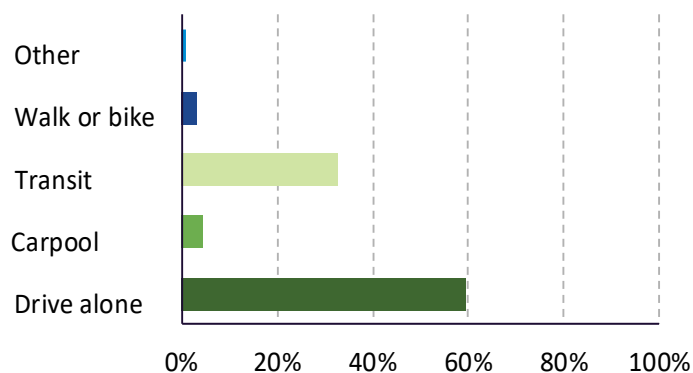
	Winnetka	Cook County	CMAP Region
Residential electricity (kWh/person)	6,298	2,614	2,844
Non-residential electricity (kWh/person)	3,193	6,417	7,279
Residential natural gas (MMBtu/person)	95	35	38
Non-residential natural gas (MMBtu/person)	25	38	38

kWh = kilowatt hours; MMBtu = million British thermal unit

Transportation characteristics



Mode of travel to work



Electric vehicle information

Electric vehicles	150
Charging stations: level 2	2
Charging stations: DC fast	0
Charging stations: total	2

Transportation details

	Winnetka	Cook County	CMAP Region
Vehicles per household	2.3	1.7	2.0
Electric vehicles (% of passenger vehicles)	1.2%	0.2%	0.2%
Share of residents with at least moderate walkability	95%	85%	64%
Share of residents with at least moderate transit access	98%	92%	74%
Residential vehicle miles traveled (per household)	18,408	14,123	17,165

Data are not available for all municipalities



January 2023 EFC Communications Content

1. EFC Green Awards Application Reminder

E-blast Newsletter

The Village of Winnetka's Environmental and Forestry Commission invites nominations for the fifth-annual Green Awards Program. The purpose of the program is to recognize properties and households within Winnetka that demonstrate exceptional commitment to sustainable and environmentally friendly practices. Residents, businesses, and other organizations are encouraged to nominate their house, property, building or project that has been completed within the past five years. The award categories include: Green Building, Recycling/Waste Reduction, Land, Air, Water/Stormwater, Energy, and Innovation/Other.

If you believe your recent project has helped make Winnetka a more environmentally-friendly or sustainable community, the Commission asks that you consider applying. Applications are available through the Public Works Department at 1390 Willow Road, or by clicking here (<https://www.villageofwinnetka.org/244/Green-Awards>). The application deadline is February 28, 2023. Category winners will be announced on Earth Day (April 22, 2022). If you have any questions about the program, contact Diana Puga at 847-716-3550 or dpuga@winnetka.org.

2. Reduce Energy Use and Costs in your Home and Business

E-blast Newsletter

During the winter months, there are some easy adjustments you can make in your home to increase energy efficiency and reduce costs. Below are several tips to reduce energy consumption and maintain comfortable temperatures in your home this winter:

- Properly maintain your furnace to keep it clean and running efficiently.
- Open curtains on winter days to allow natural sunlight to help heat your home.
- Put on an extra sweater or layer of clothing instead of turning up the heat.
- Only heat rooms you regularly use and close off vents to guest rooms or storage areas.
- Invest in proper insulation to prevent heat from escaping.
- Decorate with LED holiday lights that use less energy and last longer than incandescent bulbs.

3. Make the Switch from Incandescent Bulbs to LED

E-blast Newsletter

Switching from incandescent to LED bulbs will not only save on electric costs but will reduce your overall energy consumption. For example, the energy consumption to use a 60-watt incandescent bulb would cost about \$90 over the course of 10 years. For a 5-watt LED bulb, running over the course of 10 years the actual cost would be only \$18 to operate. LED bulbs also use less wattage while producing the equivalent amount of light of an incandescent bulb. Additionally, CFL bulbs can be recycled at the Municipal Yards Facility at 1390 Willow Road during normal business hours of Monday through Friday, 7:30 AM to 4:00 PM.

4. Holiday Lights Recycling

E-blast Newsletter

As you decorate for the holidays, you may discover that some old lights and extension cords do not work. Recycle them with the Village's year-round light recycling program! All types of holiday lights and cords are accepted for recycling at the Public Works Yards, 1390 Willow Road, weekdays from 7:30 AM – 4:00 PM. The Village cannot accept garland, live greens, wreathes, or other non-recyclable items. If you have questions about the program, please call 847-716-3568.

5. Ways to Avoid Using Poisonous Mouse Bait

E-blast Newsletter

In the winter months, many people find mice in their homes. While this is obviously suboptimal, poisonous bait is not the best way to resolve the problem. Poisonous bait often harms not only the mouse, but also birds of prey. Since the poison does not immediately take effect, the mouse can leave your home and be eaten by predators, such as owls and hawks, who are then poisoned. The best solution is to prevent mice from coming into your home by sealing cracks and holes in your home's foundation with steel wool or foam, covering dryer vents, and making sure they don't get into your home in the first place. Mice can enter holes as small as a nickel, so if you don't know the source of the mice, you can live trap them and relocate them (outside).

February 2023 EFC Communications Content

1. EFC Green Awards Application Reminder

Weekly E-Newsletter

The Village of Winnetka's Environmental and Forestry Commission invites nominations for the fifth-annual Green Awards Program. The purpose of the program is to recognize properties and households within Winnetka that demonstrate exceptional commitment to sustainable and environmentally-friendly practices. Residents, businesses and other organizations are encouraged to nominate their house, property, building or project that has been completed within the past five years. The award categories include: Green Building, Recycling/Waste Reduction, Land, Air, Water/Stormwater, Energy, and Innovation/Other.

If you believe your recent project has helped make Winnetka a more environmentally-friendly or sustainable community, the Commission asks that you consider applying. Applications are available through the Public Works Department at 1390 Willow Road, or by clicking here (<http://www.villageofwinnetka.org/government/boards-and-commissions/environmental-and-forestry-commission/>). The application deadline is February 28, 2023. Category winners will be announced on Earth Day (April 22, 2023). If you have any questions about the program, contact Brendon Mendoza at 847-716-3568 or dpuga@winnetka.org.

2. Environmental and Forestry Commission Green Tip: Think Before You Buy

Weekly E-Newsletter

Our normal shopping habits may be adversely impacting our environment, and we may not even know it. You can make a big change by being environmentally conscious when shopping. For instance, we can implement the following waste reduction principles while shopping:

- Prepare a shopping list before buying so as to avoid purchasing more than needed.
- Family-sized product has less packaging and costs less.
- Buy products with minimal packaging that can reduce wasting resources.
- Reuse the packaging materials, such as plastic bag, paper bag, plastic box, paper, ribbon, etc.
- When buying, remember to bring your own shopping bag.
- Only buy items that are actually needed.

3. Environmental and Forestry Commission Green Tip: Think Before You Pack

Weekly E-Newsletter

Travel, as much fun it is, can also make your eco footprint on this world a few sizes larger than it would be if you just stayed at home. There are a lot of small changes you can make to become a greener traveler. Below are a few tips to keep in mind when travel to help you leave a smaller footprint:

- Pack what you will actually need
- Take reusable items
- Invest in quality
- Use chemical-free toiletries
- Bring a reusable water bottle