



# VILLAGE OF GLENCOE

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## Virtual Meeting Information

The May 24, 2022 Glencoe Sustainability Task Force meeting will be held virtually via telephone and video conference (individuals may participate either by telephone or by video conference) pursuant to Governor Pritzker's Executive Order 2022-12. In addition, at least one representative from the Village will be present at Village Hall in compliance with Section 7(e) of the Open Meetings Act.

Individuals may call the following to participate in the meeting:

### **By Telephone:**

Phone Number: 312-626-6799  
Webinar ID: 857 9248 6536  
Passcode: 142647

### **By Zoom Video Conference:**

[Zoom video conference link](#)

## **Public Comment Submittal Options**

### **Option 1: Submit Comments by E-Mail Prior to Meeting**

Public comments can be submitted in advance of the meeting by e-mail to [glencoemeeting@villageofglencoe.org](mailto:glencoemeeting@villageofglencoe.org). Public comments received by 6:00 p.m. or one hour before the start of the meeting on the day of the meeting will be read during the meeting under Public Comment. Any comments received during the meeting may be read at the end of the meeting. All e-mails received will be acknowledged.

Public comment is limited to 400 words or less. E-mailed public comments should contain the following:

- The Subject Line of the e-mail should include the following text: **"May 24, 2022 Glencoe Sustainability Task Force Meeting Public Comment"**
- Name of person submitting comment (address can be provided, but is not required)
- Organization or agency person is submitting comments on behalf of, if applicable
- Topic or agenda item number of interest, or indicate if the public comment is on a matter not listed on the Commission meeting agenda

### **Option 2: Submit Comments by Phone Prior to Meeting**

Individuals without access to e-mail may submit their comments through a voice message by calling (847) 461-1100. Verbal public comments will be read aloud during the meeting and will be limited to three minutes.



# AGENDA

## VILLAGE OF GLENCOE SUSTAINABILITY TASK FORCE



Glencoe Village Hall  
675 Village Court/Virtual Meeting  
Tuesday, May 24, 2022- 7:00 p.m.

### 1. CALL TO ORDER AND ROLL CALL

*Barney Gallagher, Chair*

*Peter Mulvaney, Vice Chair*

*Bob Breisblatt*

*Lisa Brooks*

*Tina Hostert*

*Helyn Latham*

*Linda Lin*

*Joshua Markus*

*Catherine Procopi*

*Larry Reilly*

*Laurie Tuchman*

2. CONSIDERATION OF THE APRIL 26, 2022 STF MEETING MINUTES 7:05 PM

3. GPD DECISION ON GREENHOUSE USE (GPD) 7:10 PM

4. RETIRING MEMBER RECOGNITION AND CALL FOR NEW MEMBERS 7:35 PM

5. DONATE AND RECYCLE EVENT REVIEW 7:45 PM

6. FARMERS MARKET PLANS 8:00 PM

7. SUBCOMMITTEE UPDATES (AS NEEDED) 8:10 PM

A. *Carbon Reduction*

B. *Green Lawns*

C. *Public Awareness*

D. *Ravines and Trees*

E. *Recycling and Waste Reduction*

F. *Sustainable Business*

G. *Water Conservation*

8. GLENCOE COMMUNITY BOARD AND COMMITTEE UPDATES (AS NEEDED) 8:40 PM

A. *Village*

B. *Park District*

C. *Library*

D. *School District*

E. *Other*

9. OTHER BUSINESS 8:50 PM

10. PUBLIC COMMENT TIME 8:50 PM

11. CLOSING FAREWELL AND ADJOURN 9:00 PM

*The Village of Glencoe is subject to the requirements of the Americans with Disabilities Act of 1990. Individuals with disabilities who plan to attend this meeting and who require certain accommodations in order to allow them to observe and/or participate in this meeting, or who have questions regarding the accessibility of the meeting or the facilities, are requested to contact the Village of Glencoe at least 72 hours in advance of the meeting at (847) 835-4114, or the Illinois Relay Center at (800) 526-0844, to allow the Village of Glencoe to make reasonable accommodations for those persons.*

**VILLAGE OF GLENCOE  
SUSTAINABILITY TASK FORCE**

**Meeting Minutes  
Tuesday, April 26, 2022- 7:00 p.m.**

**1. CALL TO ORDER AND ROLL CALL**

The regular meeting of the Glencoe Sustainability Task Force conducted virtually in accordance with Governor Pritzker’s Executive Order 2022-10 was called to order by Chairperson Barney Gallagher at 7:05 p.m. on the 26<sup>th</sup> day of April 2022.

*The following Task Force members were virtually present:*

*Barney Gallagher, Chair  
Peter Mulvaney, Vice-Chair  
Bob Breisblatt  
Sandy Culver  
Hall Healy  
Tina Hostert  
Helyn Latham  
Linda Lin  
Catherine Procopi  
Larry Reilly  
Jennifer Varela*

*The following task force members were absent:*

*Lisa Brooks  
Joshua Markus  
Laurie Tuchman*

***Also present were:***

*Oliver Ersnt, Volunteer  
Jaime Fishman, Volunteer  
Becca Gillett, Volunteer  
Seth Jackier, Volunteer  
Jessica Kinelman, Volunteer  
George Krafcisin, Volunteer  
Rosie Lalonde, Volunteer  
Bradley Levinson, Volunteer  
Eric Loeb, Volunteer  
Suzanne Strusnier, Volunteer  
Jeff Mawdsley, Staff Liaison/Public Works Management Analyst*

Chairperson Gallagher stated that a quorum of members of the Task Force was present via remote access and that Management Analyst Jeff Mawdsley was physically present at Village Hall pursuant to the Open Meetings Act (OMA).

**2. CONSIDERATION OF THE MARCH 22, 2022, STF MEETING MINUTES**

- Upon a motion made by Mr. Mulvaney and seconded by Mr. Breisblatt and unanimously adopted by all those present by roll call vote, the meeting minutes for March 22, 2022, were approved.

- Mr. Mulvaney requested that future minutes use bullet points for succinctness and ease of reading.

### **3. GLENCOE PARK DISTRICT DECISION ON GREENHOUSE USE (GLENCOE COMMUNITY GARDEN)**

- Chairperson Gallagher stated that the Park District was planning to greatly diminish its Greenhouse Program. He noted that this has some sustainability ramifications for the whole community.
- Chairperson Gallagher tabled the discussion of this item until next month to allow more time for him to discuss the issue with Lisa Brooks with the Park District.

### **4. NEW MEMBER INTRODUCTION AND DISCUSSION OF NEXT STEPS**

- Chairperson Gallagher noted that several new members were present because of the recent community survey.
- Chairperson Gallagher discussed some of the activities and practices of the GSTF as well as answered some questions from the new volunteers.
- The new and existing members took turns introducing themselves.
- Chairperson Gallagher said it would be up to each team to schedule meetings and integrate the new members.

### **5. WALK, BIKE AND ROLL PLANS**

- Chairperson Gallagher said that the school has taken ownership of the Walk, Bike and Roll program and that they are simply asking for help promoting it.
- Chairperson Gallagher said that Superintendent Wang is supportive of doing a student survey, but would like the GSTF to work through the student groups. He and Superintendent Wang will continue discussing ways that the School District can work together better.
- During his conversation with Superintendent Wang, she suggested that she or another member of the staff would be able to attend a GSTF meeting on a semi-regular basis for discussions and conversations. Barney said he thought that was a good idea and he would have similar discussions with the Park District. Ms. Lin said she would talk about the same idea with the Library Executive Director.
- Ms. Hostert suggested the GSFT could use a portion of the budget to support a faculty advisor to environmental student groups. Mr. Briesblatt said he would draft a proposal for this idea.
- Ms. Procopi will be reaching out to the prospective student members about attending future meetings and participating in future initiatives.

### **6. DONATE AND RECYCLE EVENT PLANS**

- Mr. Mawdsley Reviewed the plans for the events.
- Mr. Mawdsley will reach out to the GSTF members to sign up volunteers to help with managing cars and unloading drop-off items.
- Mr. Mawdsley will work with Village Staff to promote the event.

### **7. MILKWEED CHALLENGE UPDATE**

- Ms. LaLonde said she had been in contact with Superintendent Wang, and that the best thing is to work through the various green clubs in the schools.
- There was some discussion about the possibility of giving away milkweed seeds. The consensus was to get milkweed seeds ready for events over the summer, such as the Farmer's Market and the Fourth of July Parade.

- Ms. Culver said she would follow up with nurseries to get pricing on procuring seeds and would prepare an educational article
- Mr. Mawdsley will look into who is responsible for running the Farmer's Market for the Village.

**8. SUBCOMMITTEE UPDATES (AS NEEDED)**

- **Green Lawns:** Mr. Healy said the Green Lawns group would have a meeting soon.
- **Carbon Reduction:** Mr. Reilly requested a meeting for May 7. Chairperson Gallagher will check with the group.
- **Recycling & Waste:** Ms. Culver reported that the team members met with Ms. Mary Allen of SWANCC. They will be looking at the cart tagging program that SWANCC will be doing in Evanston and Barrington and incorporating it in Glencoe.
- **Water conservation:** Chairperson Gallaher noted that the new Village water meters are an untapped resource of data about water usage.

**9. GLENCOE COMMUNITY BOARD AND COMMITTEE UPDATES (AS NEEDED)**

**A. Village:** Analyst Mawdsley reported on the following:

- EV Charging Station is active
- The Backyard chicken program will be ready for public roll-out soon.
- Arbor Day will be Friday, with a tree-planting ceremony at Central School.
- Pollinator Garden at Village Hall is moving forward.
- Chairperson Gallagher presented the GSTF annual report to the board on April 21, 2022.

**C. Library:** Ms. Lin reported the following:

- The recent program on native gardening was very well received.
- The next used book sale will be in early June.
- The consortium that the GPL belongs to expanded its resource sharing agreement.
- The GSTF survey results were presented to the Library Board.

**10. OTHER BUSINESS**

- Ms. LaLonde made a suggestion about the t-shirt design.

**11. PUBLIC COMMENT TIME**

- Analyst Mawdsley reported that no comments had been received from the public.

**12. CLOSING FAREWELL AND ADJOURN**

Then there being no further business to come before the GSTF, a motion to close the meeting was made by Mr. Briesblatt and seconded by Ms. Culver. Being no objections, the meeting was adjourned at 9:16 p.m.

Glencoe Sustainability Task Force  
 Upcoming Library Programs  
 Updated: 5/17/2022

Date	Program	Speaker
June 21, 2022	Social Life of Forests (organized by FGBT)	Suzanne Simard
July 26, 2022	Silent Sparks: The Wondrous World of Fireflies (organized by FGBT)	Sara Lewis
August 2022		
September 15, 2022	Monarchs in a Changing World (organized by FGBT)	Karen Oberhauser
October 2022		
November 2022		
December 2022		

Past Programs - 2022

Date	Program	Speaker
January 12, 2022	U.N. Intergovernmental Climate Change Panel	Dr. Don Wuebbles
February 15, 2022	Solar Panels and Electric Vehicles	Sam Sperling & Josh Lutton
March 10, 2022	Gardening the New Perennialist Way: A Piet Oudolf Story	Deborah Chud
April 13, 2022	Add a Little Prairie to Your Garden	Cindy Crosby



VILLAGE OF GLENCOE  
SUSTAINABILITY TASK FORCE



**2022 Meeting Schedule**

January 25, 2022

February 22, 2022

March 22, 2022

April 26, 2022

May 24, 2022

June 28, 2022

July 26, 2022

August 23, 2022

September 20, 2022

October 25, 2022

December 6, 2022



## Carbon Reduction Priority

### Planning Document for 2022

#### The Issue

According to the U.S. E.P.A. transportation, travel, electricity generation, residential and commercial heating accounts for 67% of greenhouse gas emission in the United States. Methane emissions from the production of oil, coal and natural gas, as well as livestock production and decomposition in landfills constitutes and additional 10% of greenhouse gas emissions.

#### The Objectives

Guide the Village in making energy efficient choices and educate the community concerning how each of us can make a positive difference in the move away from hydrocarbon fuels and adopt lifestyle changes to reduce reduce greenhouse gases and our overall carbon footprint.

#### Strategies

- Develop a baseline data set of our individual and community carbon footprint to measure progress against
- Develop educational programs to inform residents and businesses on steps that they can take to reduce energy consumption and adopt renewable energy use
- Develop specific actions that the village, schools, park district and library can undertake to impact energy use and renewable energy adoption
- Evaluate potential ordinance changes that will help drive energy conservation and renewable energy adoption

Action Plan 2022				
Strategy	Action Items	Person Responsible	Planning Period	Item Due
<b>Data</b>	Have Comed and LRS provide aggregated energy usage and waste disposal <u>and composting</u> data for the Village on an annual basis, and similar data for Kenilworth and Winnetka as comps if possible. Staff			
	Continue to monitor EV registration data in the Village and implement water metering/measurement tools to provide individual household with baseline and ongoing performance data similar to that provided by Comed on electric power consumption. Staff			
	Establish energy use reduction targets for public, residential and commercial use and monitor progress towards those goals on an annual basis. STF/Staff			
Strategy	Action Items	Person Responsible	Planning Period	Item Due
<b>Public Actions</b>	Continue replacement of incandescent lighting with LED in buildings and street lighting. Staff			



Establish a time table for the replacement of ICE public vehicles with EV substitutes based upon current Village and Park District vehicle replacement programs. BG

Complete installation of EV charging stations in the Village main parking lot and seek funding to provide additional stations in the employee parking lot. Expand bike lanes throughout the village, as well as additional bike parking areas in downtown. Continue to sponsor biking and walking activities through the schools etc. LR

As a part of the re-evaluation of outdoor dining and public parking, advocate for a pilot program of car-free downtown weekends in order to evaluate the feasibility of an ultimate ban on downtown parking. [Meet with staff and develop a plan for integration of events such as the Farmer's Market, Park District functions etc with a car free initiative.](#)

Evaluate current electricity supply commitments of the Village/Library/Schools and Park District and determine the feasibility of conversion of all public buildings to either active solar or community solar electricity supply. [Inventory and track LED conversion efforts by all public bodies.](#) BG

Consider a Carbon Offset tax for village residents - proceeds would be invested in carbon offsets in order to mitigate the Village's overall carbon footprint. (Ref: [CarbonFund.org](http://CarbonFund.org)). LR

Evaluate methods for individual measurement of carbon foot prints and make one available to the community. LL

Monitor developments in longer-term carbon reducing technologies (e.g., EV school buses, in-street solar panels) and help educate Village agencies and businesses when technologies become feasible

Reach out to the Glencoe Junior High School Project, the local scouting groups, the schools, Glencoe Youth Services and religious institutions to develop programs to foster environmental education and actions. To be driven by student STF members.

Stage an Electric Vehicle and alternative transportation (scooters, ebikes etc.) Fair in conjunction with the Glencoe Art Show or the proposed car-free weekends

Develop a library program or possibly in-school program encouraging younger students to consider STEM career paths

**Education**

Continue to advocate for the adoption of Meatless Monday and the implementation of the Active Transportation Plan

Continue to collaborate with District 35 and other Village stakeholders via the Walk, Bike, Roll to School and No Idling programs

Support other STF working groups in carbon reducing initiatives (e.g., Leave the Leaves, gas-powered leaf blowers)

Promote carpooling and public transit options (including public school buses)

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<b>Issue</b>	
	<p>Overuse of chemical fertilizers, pesticides, gas-powered landscaping equipment and manicured lawns has detrimental impacts upon our environment, creating pollution and reducing the natural environment and its resiliency. Indiscriminate use of insecticides negatively impacts beneficial insect populations. Fertilizer and herbicide runoff moves chemicals into Lake Michigan, the Skokie Lagoons and local rivers, creating risks to drinking water, and contributing to the annual algae bloom in the Lagoons, which is harmful to aquatic plants and fish species. Furthermore, traditional suburban lawns use more water than native grasses, and in addition tend to be overwatered, which leads to higher costs to clean and pump that water.</p>
<b>Vision</b>	<p><i>The vast majority of Glencoe’s residents and the Village are using natural alternatives to chemical fertilizers and pesticides in public and private spaces, less gas-powered landscaping equipment and more native species and “rewilding” (including native grasses), resulting in a significant improvement in the health and resilience of the environment in general, its plants, animals and people.</i></p>
<b>Objectives</b>	<ol style="list-style-type: none"> <li>1. Significantly decrease the use of treated water, chemical pesticides, fertilizers, herbicides and gas-powered equipment in the community;</li> <li>2. Significantly increase the use of native plant species, including grasses, and the “rewilding” of private and public spaces;</li> <li>3. Significantly reduce the presence of non-native/invasive plant species;</li> <li>4. Introduce and enforce policies and practices to significantly reduce the use of chemical fertilizers, pesticides, herbicides and gas-powered landscaping equipment in the Village.</li> </ol>
<b>Strategies</b>	<ol style="list-style-type: none"> <li>1. Develop and conduct educational programs to decrease the use of chemical fertilizers, pesticides, and gas-powered equipment by <u>commercial landscaping companies and Village entities</u> in Glencoe;</li> <li>2. Through the Glencoe Library, School and Park Districts, Chicago Botanic Garden and other appropriate partners, such as the Village of Wilmette (which has done significant work in this area), and methods develop and conduct educational programs for <u>residents</u> to demonstrate the benefits of using alternative fertilizers, herbicides and pesticides, and non-gas-powered equipment;             <ol style="list-style-type: none"> <li>a. Create a database of useful information on green lawn practices, equipment and native species on the STF Blog/Village website, and potentially at the Glencoe Public Library;</li> </ol> </li> <li>3. Develop and conduct an educational program to increase the presence of native plant species and to reduce the presence of non-native, invasive plant species in Glencoe;</li> <li>4. Develop and implement Village policies to reduce the use of chemical fertilizers, pesticides, herbicides and gas-powered equipment by commercial landscaping companies, Village entities and residents in Glencoe;</li> <li>5. Develop, implement and maintain a “competition”/incentive among residents to promote green lawn practices. Examples could include: Village registration of pollinator gardens, plantings such as milkweed to provide habitat for monarch butterflies, the “certified wildlife habitat program”, installation of rain gardens, planting of grasses that require less mowing and less use of water, fertilizers, pesticides and herbicides;</li> </ol>

<b>Action Plan 2021-2022</b>				
<i>Strategies</i>	<i>Action Items</i>	<i>Persons Responsible</i>	<i>Planning Period</i>	<i>Item Due</i>
<b><u>Educational Programs</u></b>	<ol style="list-style-type: none"> <li>1. Develop and conduct an educational program with written materials, providing information in English and Spanish on alternative fertilizers, pesticides and herbicides to commercial landscaping companies and Village entities-Village government, Glencoe Library, School and Park Districts;</li> <li>2. Develop and conduct an educational program with written materials, events and media articles on the benefits of alternative fertilizers, herbicides and pesticides for Glencoe residents in collaboration with Glencoe Library, Park and School Districts, Chicago Botanic Garden and other appropriate partners;               <ol style="list-style-type: none"> <li>a. Create a database of useful information on green lawn practices on the STF Blog/Village website;                   <ol style="list-style-type: none"> <li>i. Collect relevant articles from CBG, archives</li> <li>ii. Identify other sources of information</li> </ol> </li> </ol> </li> <li>3. Develop and conduct an educational program to increase the use of native plant species, including grasses, in order to reduce the presence of non-native, invasive plant species in Glencoe, and to reduce the overuse of water. (Potentially, #2, 3 above will be combined.)</li> </ol>	SC HH HL		
<b><u>Policies</u></b>	<ol style="list-style-type: none"> <li>1. Develop, implement, enforce Village policies to reduce the use of chemical fertilizers, herbicides and pesticides by commercial landscaping companies, residents and Village entities               <ol style="list-style-type: none"> <li>a. Develop a plan with the Village Plan Commission, Park District (which has done work in this area), School District, other appropriate entities;</li> <li>b. Develop individual policies to address these issues;</li> </ol> </li> </ol>	SC HH HL		
<b><u>Competition</u></b>	<ol style="list-style-type: none"> <li>1. Develop, implement, maintain a “competition” among residents to promote green lawn practices.               <ol style="list-style-type: none"> <li>a. Examples include: Village registration of pollinator gardens, plantings such as milkweed to provide habitat for monarch butterflies, installation of rain gardens, planting of grasses that require less mowing, water and use of herbicides</li> </ol> </li> </ol>	SC HH HL		

**Our sub-committee will help create awareness of the GSTF as well as support all the GSTF initiatives to the inspire action within our community.**

- Platforms to reach the community:
  - Social media
    - Regular postings to include news about upcoming events, sustainable actions/successes, or various tips and relevant sustainable topic news
    - Use of the Village's accounts on Facebook, Instagram, and Twitter
      - All posts to be routed through the GSTF staff liaison
      - All images to be properly used without copyright infringement
  - Distribution list
    - GSTF to maintain a list of contacts for local organizations and publications to push news in order to communicate through their existing networks
    - D35 newsletter
  - Blog
    - Maintained by staff liaison to house digital content
    - Build over time to gain more following
  - Village Sign (at GB & Park Ave) – coveted signage, requires approval from the Village
  - Welcome Kits
    - Inclusion in *Welcome to Glencoe* folder for new residents (Chamber of Commerce?)
  - Events
    - Donate / Recycle/ Recovery Days
    - Library Programming
    - Sustainability Stars Invite a Friend Event
  - Representation/Presence within the Village
    - Inclusion in: July Parade, Farmers Market, Art Show, Beach Cleanup Etc
- Logos & Templates
  - Maintain consistent image:
    - Powerpoint Template AND a slide on who we are/how to learn more
    - Need alignment on hashtag
- Ideas – Require more follow up:
  - Door hangers (Boy Scouts can hang as part of service program)
  - Can we encourage branded programs here in Glencoe and utilize their marketing powers – such as free product samples, pilot programs, etc?
  - Opportunity for sustainability kits distribution or sustainable vendor events?
  - PR activations > Ask community members to take pics of their sustainable activities and/or ask media to capture for publication
  - Sculptures/art/signage to create more awareness and presence
- Other discussion:
  - Team plans to meet once per month, roughly 2 weeks ahead of the GSTF meetings – Jen to send invite. We all have other work/family commitments, so we will be respectful of time involved.
  - GSTF mention in materials for Textile Recycling program

- Consider Northshore Recorder for another publication
- Unslash for graphics
- Jen to get word out about 2/4 and other upcoming library events

*Village of Glencoe Sustainability Task Force*  
**Ravines and Tree Canopy Priority**  
 Planning Document for 2021



**The Issue**

The ravines and tree canopy represent critical natural resources to Glencoe. Both are resources which are largely privately held creating a set of unique management issues given their importance to the Village as a whole. The ravines are under increasing erosion pressure as we experience more frequent and heavier rain events resulting in excessive stormwater run-off.

**The Vision**

**The Objectives**

**Strategies**

Create a comprehensive plan for securing the ravines addressing the issue of reducing the volume of wastewater run-off into the ravines and including the development of a private-public collaborative effort to restore and maintain the ravine system.

Collaborate with the Lake County Storm Water Management Commission (LCSWMC) and Highland Park in ravine system management planning. Determine what are best eco-sensitive practices to control storm water run-off into the ravines and incorporate them into all relevant Village ordinances.

Work with staff to incorporate best practices in all Village new construction, sub-division development and tree removal ordinances around preservation of heritage trees.

<b>Action Plan 2021</b>				
<i>Strategies</i>	<i>Action Items</i>	<i>Person Responsible</i>	<i>Planning Period</i>	<i>Item Due</i>
<b>Ravine Plan</b>	<hr/> Determine the specific legal interests of the Village vis a vis the private ravine homeowners. Can the Village require owners to take specific actions to remedy issues or only prohibit given activities?			
	Utilizing existing documents develop a ravine management educational piece for ravine property owners			
	Seek to have input into the Lake Michigan Watershed Ravine Management Plan being developed by the LCSWMC			

Working with LCSWMC set up meetings with the owners on each Glencoe ravine to review the current conditions of that ravine (per the existing LCSWMC ravine map) and remedial steps that can be taken to improve the conditions of the ravine

Work with the Village, the Park District and private developers to prioritize the use of green infrastructure to control stormwater whenever possible. Green infrastructure includes rain gardens, bioswales, stormwater bumpouts & basins, tree trenches, wetlands, French drains, dry wells, and check dams as well as cisterns and other "soft" stormwater control structures including land management.

<i>Strategy</i>	<i>Action Items</i>	<i>Person Responsible</i>	<i>Planning Period</i>	<i>Item Due</i>
<b>Heritage Trees</b>	<p>Evaluate the National Green Building Standard to determine if specific provisions should be adopted by the Village</p> <p>Evaluate Tree Ordinances of various communities to seek and appropriate model for Glencoe</p>			





## Recycling and Waste

Planning Document for 2021

### The Issue

Too much waste goes into the landfill.

Note: The proliferation of disposable masks, single-use plastics and solid waste during COVID-19 has further highlighted the necessity of embracing sustainable materials and waste reduction.

### The Vision

Glencoe is actively engaged in the 5 R's (Refuse, Reduce, Reuse, Recycle, Repurpose) as a municipality and community, ultimately aspiring to be zero-waste.

### The Objectives

1. Reduce waste produced by each household and within village.
2. Recycle materials across all sectors.
3. Divert waste from landfills.

### Strategies

#### Reduce Waste:

- (RW1) Set specific waste reduction goals for municipality and community.
- (RW2) Enact policies that enforce sustainable materials management.
- (RW3) Promote and practice waste reduction in village operations.
- (RW4) Engage the community in waste reduction.

#### Recycle

- (R1) Set specific residential and commercial recycling goals.
- (R2) Make recycling easy and accessible for Glencoe residents.
- (R3) Enact policies to enforce recycling.
- (R4) Engage community in proper recycling practices.

#### Divert Waste

- (DW1) Collaborate with specific waste providers to support proper disposal of items that would otherwise go to the landfill.
- (DW2) Continue to seek partnerships with recycling/upcycling services for hard-to-recycle items and those not suitable for curbside pickup.
- (DW3) Engage community in waste diversion practices.

### Action Plan 2021

#### *Strategies*

#### *Action Items*

*Person  
Responsible*

*Planning  
Period*

*Item  
Due*

RW1	<ul style="list-style-type: none"> <li>• Set goal for businesses to eliminate plastic bags by 2022.</li> <li>• Set goal for community to eliminate use of plastic water bottles by 2022.</li> </ul>			
RW2	<ul style="list-style-type: none"> <li>• Ban or discourage the use of products resulting in unmanageable waste, e.g., plastic bags, straws, plastic water bottles.</li> </ul>			
RW3	<ul style="list-style-type: none"> <li>• Reduce use of paper in municipal offices.</li> <li>• Conduct waste audits to identify waste reduction opportunities.</li> </ul>			
RW4	<ul style="list-style-type: none"> <li>• Support and promote exchange of goods and services among residents, e.g., donating and shopping at local consignment/thrift stores, rummage sales, posting on Glencoe Next Door, etc.</li> <li>• Make all Glencoe events zero waste.</li> <li>• Educate community to reduce waste by consuming less and reusing.</li> </ul>			
R1	<ul style="list-style-type: none"> <li>• Set and promote goal of achieving a xx% recycling rate of basic materials collected by LRS by 2022.</li> </ul>			
R2	<ul style="list-style-type: none"> <li>• Develop and implement village-wide, clearly marked receptacle system for recycling, waste and compost (similar to what CBG has in place).</li> <li>• Implement and promote Terracycle and Simple Recycling.</li> <li>• Collaborate to support proper disposal of waste not included in village services or special events, e.g., pharmaceutical and personal care waste.</li> <li>• Continue to hold and promote recycling and waste diversion events for specific materials.</li> </ul>			
R3	<ul style="list-style-type: none"> <li>• Require commercial and residential recycling.</li> <li>• Establish a construction and demolition recycling policy.</li> </ul>			

R4	<ul style="list-style-type: none"> <li>Educate and remind community of proper recycling and composting practices.</li> </ul>			
DW1	<ul style="list-style-type: none"> <li>Work with SWANCC to promote proper disposal of household hazardous waste.</li> <li>Educate residents and support proper disposal of fats, oils and grease (FOG). Continue to promote proper disposal of electronic waste through village services.</li> </ul>			
DW2	<ul style="list-style-type: none"> <li>Collaborate with vendors for proper disposal of pharmaceutical and personal care product waste (Terracycle).</li> </ul>			
DW3	<ul style="list-style-type: none"> <li>Organize community wide clean-up days for specific areas, e.g., beach, lagoons, ravines, etc.</li> <li>Support local production of food, home gardening, and community supported agriculture.</li> </ul>			
<b>Initiatives</b>	<i>Action Items</i>	<i>Person Responsible</i>	<i>Planning Period</i>	<i>Item Due</i>
<b>Blog Information Reservoir</b>				
<b>Initiatives</b>	<i>Action Items</i>	<i>Person Responsible</i>	<i>Planning Period</i>	<i>Item Due</i>
<b>Ally Organizations</b>	Go Green Illinois			
	SWANCC			
	Earth 911			
	Plastic Pollution Coalition			
	Zerowastechicago.org			
	National Recycling Coalition			



Planning Document for 2021

<b>Issue</b>	Glencoe businesses have been practicing sustainability for years. The current initiative is intended to provide encouragement, support and recognition for their past, current and future sustainability efforts, particularly in this time of Covid-19, when businesses are facing financial and other hardships.			
<b>Vision</b>	<i>Glencoe's businesses are engaged in and publicly recognized for a wide array of sustainable practices, resulting in more financial sustainability (especially during today's pandemic) and a measurably lower impact on the environment.</i>			
<b>Objectives</b>	<ol style="list-style-type: none"> <li>1. Position the STF as a resource to assist Glencoe's businesses in becoming more sustainable;</li> <li>2. As a partner, not a "watchdog", encourage, support and recognize local businesses in their adopting of more sustainable practices;</li> </ol>			
	<ol style="list-style-type: none"> <li>3. Help local businesses help Glencoe residents become more sustainable (through such things as their product offerings, bag use, utensils);</li> </ol>			
	<ol style="list-style-type: none"> <li>4. Attract, retain and help grow sustainability businesses and non-profit organizations in Glencoe as an "incubator"/"magnet" for those types of businesses/organizations;</li> </ol>			
	<ol style="list-style-type: none"> <li>5. Determine next steps in the business program in terms of policies, incentives, programs.</li> </ol>			
<b>Strategies</b>	<ol style="list-style-type: none"> <li>1. Determine the current business sustainability practices;</li> <li>2. Provide information to demonstrate to local businesses what resources are available on sustainable practices and where to find them;</li> <li>3. Revise and re-implement the program to recognize local businesses for their sustainable practices;</li> </ol>			
<b>Action Plan 2021-2022</b>				
<b>Strategies</b>	<b>Action Items</b>	<b>Persons Responsible</b>	<b>Planning Period</b>	<b>Item Due</b>
<b>Current Sustainability Practices</b>	<ol style="list-style-type: none"> <li>1. Develop, conduct a study of current business sustainability practices, as an update of the one done several years ago;                             <ol style="list-style-type: none"> <li>a. Develop a survey, collaborating with the Village Business Liaison Team and Glencoe Chamber of Commerce, using the previous survey as a guide;</li> <li>b. Mail, email, deliver in person the survey;</li> <li>c. Conduct, tabulate survey results;</li> <li>d. Publicize survey results to local businesses and in local social and other media;</li> </ol> </li> </ol>	SC HH LL		
<b>Sustainability Education Program</b>	<ol style="list-style-type: none"> <li>1. Research existing sustainable business practices in the region and elsewhere as appropriate;</li> <li>2. Using results of the research, compile resources in print and digital formats designed to inform, educate and generally make it easier for businesses to undertake sustainable initiatives;</li> <li>3. Present this information to the business community via:</li> </ol>	SC HH LL		

	<ul style="list-style-type: none"> <li>a. Online, other social media, written materials as education and publicity;</li> <li>b. Meetings with the Business Liaison Team, Chamber of Commerce, Rotary Club;</li> <li>c. Library programs;</li> </ul> <p>4. Develop content for the business page of Glencoe's website that recognizes and promotes current sustainability practices to the public;</p>			
<b><u>Business Recognition Program</u></b>	<ul style="list-style-type: none"> <li>1. Review the current business recognition program for its applicability during Covid;</li> <li>2. Revise the program in collaboration with the Business Liaison Team and the Chamber of Commerce; <ul style="list-style-type: none"> <li>a. Develop criteria, realistic levels (including a minimum or base level to qualify for any recognition, and steeper requirements for successively higher levels of recognition), and clear goals;</li> <li>b. Include in the criteria as a special category the recognition of those who are in the business of sustainability;</li> <li>c. Do a trial run of the revised program with a business that had previously been recognized and one that hadn't been recognized by the prior program;</li> <li>d. Revise the program based on results of the trial run;</li> </ul> </li> <li>3. Roll out the revised program with local businesses; <ul style="list-style-type: none"> <li>a. Promote the program and those businesses recognized by it through social and other media, meetings with the Chamber, Business Liaison Team, Rotary;</li> </ul> </li> </ul>	SC HH LL		
<b><u>Next Steps</u></b>	<ul style="list-style-type: none"> <li>1. Research EcoDistricts, Metropolitan Mayors and Managers, other communities, regions (even Europe) to determine appropriate policies and incentives for Glencoe to adopt that will help businesses be more sustainable;</li> <li>2. Implement appropriate financial and other incentives that will encourage and support businesses to become more sustainable;</li> <li>3. Develop a plan, including policies and incentives, to attract sustainability businesses and non-profit organizations to locate/relocate in Glencoe. (Several are already here.)</li> </ul>	SC HH LL		

10/20/2020

Draft 12/2/20



# Water Use, Protection & Conservation

Planning Document for 2021

**The Issue**

The average American uses over 100 gallons of water a day. Most of this water use is (about 70%) is indoors, while the remaining 30 % is for outdoor activities especially landscaping. Water Conservation is becoming more important as the Village’s water supply system faces mounting challenges related to climate change, rising demand, pollution, higher treatment standards, higher costs and aging infrastructure.

**The Vision**

Manage the Village water supply in a way that contributes to the net positive use of water. This is achieved through Water Conservation, Water Quality Improvements, Water Infrastructure Management, Stormwater Management, Water Protection Policy Initiatives Stewardship and Community Engagement.

**The Objectives**

- A. Use and distribute water efficiently
- B. Protect and Improve water quality
- C. Manage potable water system assets sustainably
- D. Manage stormwater with natural & built systems
- E. Enact policies to protect water resources
- F. Practice stewardship of water resources
- G. Engage the community in water stewardship

**Action Plan 2021**

**The Strategies**

<i>Action Items</i>	<i>Person Responsible</i>	<i>Planning Period</i>	<i>Item Due</i>
A-1 Reduce per-capita Village water consumption by 20%	Everyone		
A-2 Implement water efficiency measures at all governmental facilities	V,SD, PD, LD	Underway	
A-3 Encourage residences and businesses to identify and mitigate water loss	V, Chamber Task Force		
A-4 Designate a staff Water Conservation Coordinator to support water conservation programs	V		
A-5 Audit water use and quality, share with customers	V	Underway	
A-6 Establish conservation pricing water rates based on use	V		Done
A-7 Adopt a “Green Water Sense” plumbing code	V		Done
A-7 Mandate water retrofits upon resale, purchase or reconnection	V		
B-1 Protect surface & groundwater from construction contamination with fencing ,temporary storage and phased development	V, Builders	Underway	
B-2 Do not use coal tar sealers on Village property	V		
B-3 Eliminate unnecessary pesticides, fertilizer & salts on Village property	V		
B-4 Encourage/Require replacement of lead water pipes	V Task Force	Underway	
B-5 Support post-development runoff reduction & mitigation	V, Builders	Underway	
B-6 Re label storm drains indicating discharge to lake or river	V		

	C-1 Operate an efficient water utility that delivers healthy clean water that exceeds state & federal standards	V		Ongoing
	C-2 Significantly reduce the loss of potable water as it passes through the treatment and delivery system	V	Underway	
	C-3 Support a third party warranty program for the timely repair of service lines	V		
	C-4 Provide a long term solution to upgrade or replace the ageing treatment and delivery system	V	Underway	
	C-5 Develop an infrastructure asset management plan to sustain the system	V	Underway	
	C-6 Coordinate street, utility & water infrastructure projects	V		Ongoing
	D-1 Participate in the National Flood Insurance program to allow access to flood insurance	V		Ongoing
	D-2 Use green infrastructure on Village property including permeable surfaces, bioswales, trees, rain gardens filter strips and functional landscapes	V		
	D-3 Encourage residents & businesses to adopt green infrastructure projects such as rain barrels, plantings & other measures that capture & store rainwater	V Task Force		
	D-4 Encourage property owners to disconnect downspouts & direct flow to landscaping	V Task Force		
	D-5 Collaborate with other organizations & governments to sustainably manage storm water	V		
	D-6 Explore establishing a storm water utility for funding	V		
	E-1 Conduct a water rate study to determine a sustainable rate structure	V		Done
	E-2 Adopt full cost pricing for water service	V		Done
	E-3 Require water efficiency & conservation practices in all new development	V		
	E-4 Enact and enforce the control of wasteful water practices	V		
	E-5 Eliminate barriers to green infrastructure such as cisterns, green roofs and permeable pavement.	V		
	E-6 Protect surface and groundwater from runoff and contamination	V	Underway	
	E-7 Allow rainwater harvesting for non-potable uses	V		
	F-1 Sustain a supply of high quality public water	V		Done
	F-2 Ensure drinking & wastewater systems are operating safely & efficiently	V		Ongoing
	F-3 Participate & support regional, state, federal & international watershed planning and stewardship efforts	V		Ongoing
	F-4 Allow public access and encourage stewardship of community waterways, especially Lake Michigan	V Task Force		Ongoing
	G-1 Educate and support the community to conserve water	V Task Force		Ongoing
	G-2 Educate the community on the value of safe and clean drinking water	V Task Force		Ongoing
	G-3 Promote tap water over bottled water	V Task Force		
	G-4 Educate and support the community on practices that reduce water contamination such as salting, excessive use of fertilizer and improper waste disposal	V Task Force		Ongoing
	G-5 Educate students & residents about how Village water & wastewater systems work to encourage conservation & stewardship	V Task Force SD	Underway	

<i>Initiatives</i>	<i>Action Items</i>	<i>Person Responsible</i>	<i>Planning Period</i>	<i>Item Due</i>
<b>Blog Information Reservoir</b>				
<i>Initiatives</i>	<i>Action Items</i>	<i>Person Responsible</i>	<i>Planning Period</i>	<i>Item Due</i>
<b>Ally Organizations</b>	MPC, Metropolitan Planning Council			
	CMAP, Chicago Metropolitan Area Planning (Agency)			
	CNT, Center for Neighborhood Technology Rain Ready			
	ASLA, American Society of Landscape Architects – Sustainable Sites Program			
	USGBC, U.S. Green Building Council – LEED Leadership in Energy and Environmental Design) Illinois Green Chapter			
	Go Green Illinois a consortium of 50+ “green” non-profits			
	Chicago Botanic Garden / Cook County Forest Preserve			
	ECO Districts Living Infrastructure Priority			
	LCSMC - Lake County Stormwater Management Commission			
	Open Lands – Chicago Metro Area			
	APWA, American Public Works Association			
	USEPA - US Environmental Protection Agency – Region 5			
	Alliance for the Great Lakes			
	ASCE- American Society of Civil Engineers			
	IDNR - Illinois Department of Natural Resources			
	Metropolitan Mayors Caucus, Greenest Region Compact			
	ICC, International Code Council / NAB , National Association of Homebuilders - National Green Building Standard			