



VILLAGE OF GLENCOE

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Virtual Meeting Information

The March 22, 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 2022-05. 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: 867 9952 7305
Passcode: 626639

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. 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: "**March 22, 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, March 22, 2022 – 7:00 p.m.

1. CALL TO ORDER AND ROLL CALL

Barney Gallagher, Chair

Peter Mulvaney, Vice Chair

Bob Breisblatt

Lisa Brooks

Sandy Culver

Hall Healy

Tina Hostert

Helyn Latham

Linda Lin

Joshua Markus

Catherine Procopi

Larry Reilly

Laurie Tuchman

Jennifer Varela

2. CONSIDERATION OF THE FEBRUARY 22, 2022 STF MEETING MINUTES 7:05 PM

3. GLENCOE SURVEY PRELIMINARY RESULTS & DRAWING 7:10 PM

4. RUBY MASCOT UPDATE 7:40 PM

5. EARTH DAY PLANNING 8:00 PM

6. 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*

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

A. *Village*

B. *Park District*

C. *Library*

D. *School District*

E. *Other*

8. OTHER BUSINESS 8:50 PM

9. PUBLIC COMMENT TIME 8:50 PM

10. 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, February 22, 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 2022-05 was called to order by Chairperson Barney Gallagher at 7:04 p.m. on the 22nd day of February 2022.

The following Task Force members were virtually present:

*Barney Gallagher, Chair
Peter Mulvaney, Vice-Chair
Sandy Culver
Hall Healy
Helyn Latham
Linda Lin
Catherine Procopi
Jennifer Varela*

The following task force members were absent:

*Bob Breisblatt
Lisa Brooks
Tina Hostert
Joshua Markus
Larry Reilly
Laurie Tuchman*

Also present were:

*Jaimie Fishman, Volunteer
Andrew Kim, Glencoe Public Library Executive Director
Eric Loeb, Volunteer
Catherine Wang, Glencoe School District 35 Superintendent
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 JANUARY 25, 2022, STF MEETING MINUTES

Upon a motion made by Mr. Mulvaney and seconded by Mr. Healy and unanimously adopted by all those present by roll call vote, the meeting minutes for January 25, 2022, were approved.

3. GLENCOE SURVEY STATUS

Chairperson Gallaher asked Analyst Mawdsley to give an update since Ms. Hostert could not attend the meeting. Analyst Mawdsley reported that the survey was finalized and was released publicly. An announcement has been placed on the Village’s Webpage, social media posts are being prepared for this week, and information will go out in the Village’s

weekly e-news. The printing of the fliers and table tents is being finalized. The school district has been approached about sending out notifications through their parent communications.

Analyst Mawdsley reported that he and Ms. Hostert had assembled the gift baskets last Friday at Village Hall and that they were very attractive. They are currently located in Village Hall, and members of the committee are working to have these displayed in prominent places in the community. Chairperson Gallagher reviewed the generous donors that contributed to the gift baskets.

Chairperson Gallagher discussed working with different houses of worship to get these out, and several members of the task force volunteered to reach out to these organizations. There was also some discussion about reaching out to other groups like Friends of the Green Bay Trail. There was some discussion about how to get the baskets displayed in the community. Chairperson Gallagher noted that 23 businesses had donated. Ms. Varela said that was amazing support from the business community. There was some discussion about communicating the names of the businesses that donated with the survey promotion.

Chairperson Gallagher praised Ms. Hostert for all her hard work on the survey, saying that she had done a fantastic job.

4. MEMBERSHIP - STUDENT MEMBERS

Chairperson Gallagher welcomed Superintendent Wang to the meeting. Superintendent Wang said that the students had been contacted and told that a member of the GSTF would reach out to them. Chairperson Gallagher entertained ideas about how to get these students involved. Mr. Mulvaney suggested having two members of the GSTF work with the student members in a mentor capacity, and that the students could take ownership of a project to produce a deliverable. Mr. Mulvaney said he would be happy to work with students as a mentor. Superintendent Wang said she would welcome that approach. Ms. Procopi said she would also be willing to serve as a mentor. Chairperson Gallagher said he would reach out to the students and set up a kick-off meeting with the students and the mentors.

5. EARTH DAY PLANNING

Analyst Mawdsley reported that the group had backed off trying to put together an event for 2022 but will work on putting on an event for 2023. A site has been identified off Old Green Bay Road.

6. DONATE AND RECYCLE DAY

Analyst Mawdsley stated that the date had been set for May 14, 2022. Analyst Mawdsley also said he had reached out to the vendors that were used last year. Analyst Mawdsley gave an overview of the event. There was also a discussion about updating the design of the STF t-shirts to incorporate the Ruby the Hummingbird logo.

7. PLASTIC BAN ORDINANCE

Ms. Varela stated that she was recusing herself from discussions on a plastic ban ordinance. Mr. Gallagher introduced the subject by saying that since the Village was a non-home rule municipality, the Village could not pass an ordinance that would ban or tax single-use plastics. The Village could pass a resolution that would be a statement of values rather than an enforceable ordinance. Chairmen Gallagher said that he would like the Garbage and

Waste Reduction group to work on this. Superintendent Wang commented that the pandemic has put a damper on some of the more sustainable practices the schools implemented. They have had to use some single-use plastics to maintain hygiene standards. Chairperson Gallagher said he would like to see what the survey results were on this subject before moving forward with this.

8. CHICKEN COOP ORDINANCE INPUT

Analyst Mawdsley said he spoke with other communities to gain insight into their experiences with backyard chickens. He said that his findings were that there were typically not very many residents that kept chickens, and that most complaints were related to people not following the established rules, like keeping chickens without a permit.

Chairmen Gallagher asked if the GSTF would like to issue a letter of support to change the ordinance and allow backyard chickens. Mr. Healy volunteered to draft a support letter.

9. COMPREHENSIVE PLAN UPDATE

Chairperson Gallagher said that the Village was in the preliminary stages of updating its comprehensive plan and that the GSTF would be included in the process. Chairperson Gallagher said that the Village would hire an outside consultant to guide the process, and it would take two years or more to complete. Mr. Mulvaney said that experience with eco-districts will be factored into the selection of a consultant. There was additional discussion about participation in the process, and Chairperson Gallagher said that there will be many opportunities for the GSTF to weigh in, but it's too early in the process to know what that would look like. Chairperson Gallagher said he wanted everyone to start thinking about the big picture items that the GSTF would like to see.

10. SUBCOMMITTEE UPDATES (AS NEEDED)

A. *Carbon Reduction*: Chairperson Gallagher said that he had some discussions with both the Chamber of Commerce and the Village Manager, and they were both supportive of the concept of car-less days. However, Chairperson Gallagher said he wanted to see the results of the survey before taking further action.

B. *Green Lawns*: Mr. Healy said that the first meeting of the multi-community consortium on phasing out of gas-powered leaf blowers had its first meeting. One of the first things they were looking at was a review of the current technology and a way to minimize the impact of a transition.

Ms. Culver also reported that the Green Lawns group met to update the progress of the Ruby Mascot purchase. Ms. Latham said that the group was hoping that other groups and entities would donate to its purchase. Ms. Latham showed a concept drawing.

Superintendent Wang said that she liked the concept of the costume but would like to effectively pair it with age-appropriate messages. Ms. Varela said that she would like somehow a message that states the costume is made with upcycled or recycled materials.

Mr. Mulvaney spoke about his concern about a person that could accompany Ruby to answer questions and manage crowds.

Ms. Latham said that the cost of the costume is over \$6,000. There was some discussion of doing a fundraising campaign, such as doing a Go Fund Me campaign. Mr. Mulvaney also suggested putting together a request to environmental education foundations.

Superintendent Wang asked if the proposal was included in the packet. Mr. Healy said he would make sure an updated proposal was provided to the GSTF.

There was also some discussion about the recent Ruby article in the Glencoe Compass. It was suggested that the Green clubs at the schools may be a source for future questions.

Superintendent Wang said that they were going to renovate the outdoor playground area at South Elementary and would like some guidance on how to highlight some environmental messaging and use Ruby to help with that. Ms. Latham said that she would consult on that as a member of the Green Lawns group.

There was some discussion about having students create a computer game that helps teach about putting the right items in the proper recycle bin, and how this could be used for public education.

11. GLENCOE COMMUNITY BOARD AND COMMITTEE UPDATES (AS NEEDED)

- A. *Village*: Analyst Mawdsley said that the EV charging station has been installed, but the unit is not yet activated. The Village is working on getting the electricity activated. Chairperson Gallagher asked if there would be an opportunity for adding the GSTF logo to that. Analyst Mawdsley said that the Village Manager had expressed interest in adding the GSTF logo to some of the sustainable initiatives, like the charging station and the EV car the Village was acquiring.

Analyst Mawdsley reported that officials from the Village and SWANCC met to discuss solid waste hauling in the Village. Analyst Mawdsley noted that the Village's diversion rate was a little over 35 percent, which is the highest among all the SWANCC communities.

Analyst Mawdsley reported that Simple Recycling was going to be changing the textile recycling program. They are now requiring appointments to pick up donations.

Analyst Mawdsley reported that the Village had not only received Tree City USA recognition again from the Arbor Day Foundation, but it had also received the Growth Award or recognition of a higher-level commitment to urban forestry.

Analyst Mawdsley also reviewed staffing changes with the Village.

Chairperson Gallagher expanded on the meeting the Village had with SWANCC, and that one of their biggest issues was with contamination in the recycling stream. Chairperson Gallagher said in his conversations with other entities, like the Park District and the Botanic Garden, they were having similar issues. Chairperson Gallagher suggested that all these organizations, including the Village, could partner together to develop some educational programs to address this. Analyst Mawdsley will reach out to SWANCC to see what resources and best practices they can offer. There was also some discussion about the payment the Village receives from LRS for recyclables.

- C. *Library*: Ms. Lin reported the Friends of the Glencoe Library is delaying its used book sale for the time being.

D. OTHER BUSINESS

Mr. Healy said he has been in contact with a resident that is interested in the GSTF's activities and may want to volunteer.

E. PUBLIC COMMENT TIME

Analyst Mawdsley said that no public comments were submitted.

F. 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. Mulvaney and seconded by Ms. Culver. Being no objections, the meeting was adjourned at 8:49 p.m.

Glencoe Sustainability Task Force
 Upcoming Library Programs
 Updated: 3/17/2022

Date	Program	Speaker
April 13, 2022	Add a Little Prairie to Your Garden	Cindy Crosby
May 2022		
June 21 or 22, 2022	Finding the Mother Tree (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



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 an 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 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
Data	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
Public Actions	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). 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)



Planning Document for 2021

Issue	<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>
Vision	<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>
Objectives	<ol style="list-style-type: none"> 1. Significantly decrease the use of treated water, chemical pesticides, fertilizers, herbicides and gas-powered equipment in the community; 2. Significantly increase the use of native plant species, including grasses, and the “rewilding” of private and public spaces; 3. Significantly reduce the presence of non-native/invasive plant species; 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.
Strategies	<ol style="list-style-type: none"> 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; 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"> 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; 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; 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; 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;

Action Plan 2021-2022				
<i>Strategies</i>	<i>Action Items</i>	<i>Persons Responsible</i>	<i>Planning Period</i>	<i>Item Due</i>
<u>Educational Programs</u>	<ol style="list-style-type: none"> 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; 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"> a. Create a database of useful information on green lawn practices on the STF Blog/Village website; <ol style="list-style-type: none"> i. Collect relevant articles from CBG, archives ii. Identify other sources of information 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.) 	SC HH HL		
<u>Policies</u>	<ol style="list-style-type: none"> 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"> a. Develop a plan with the Village Plan Commission, Park District (which has done work in this area), School District, other appropriate entities; b. Develop individual policies to address these issues; 	SC HH HL		
<u>Competition</u>	<ol style="list-style-type: none"> 1. Develop, implement, maintain a “competition” among residents to promote green lawn practices. <ol style="list-style-type: none"> 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 	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.

Action Plan 2021				
<i>Strategies</i>	<i>Action Items</i>	<i>Person Responsible</i>	<i>Planning Period</i>	<i>Item Due</i>
Ravine Plan	<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>
Heritage Trees	<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

SUSTAINABLE
GLENCOE

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

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



Planning Document for 2021

Issue	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.			
Vision	<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>			
Objectives	1. Position the STF as a resource to assist Glencoe's businesses in becoming more sustainable;			
	2. As a partner, not a "watchdog", encourage, support and recognize local businesses in their adopting of more sustainable practices;			
	3. Help local businesses help Glencoe residents become more sustainable (through such things as their product offerings, bag use, utensils);			
	4. Attract, retain and help grow sustainability businesses and non-profit organizations in Glencoe as an "incubator"/"magnet" for those types of businesses/organizations;			
	5. Determine next steps in the business program in terms of policies, incentives, programs.			
Strategies	1. Determine the current business sustainability practices; 2. Provide information to demonstrate to local businesses what resources are available on sustainable practices and where to find them; 3. Revise and re-implement the program to recognize local businesses for their sustainable practices;			
Action Plan 2021-2022				
Strategies	Action Items	Persons Responsible	Planning Period	Item Due
Current Sustainability Practices	1. Develop, conduct a study of current business sustainability practices, as an update of the one done several years ago; a. Develop a survey, collaborating with the Village Business Liaison Team and Glencoe Chamber of Commerce, using the previous survey as a guide; b. Mail, email, deliver in person the survey; c. Conduct, tabulate survey results; d. Publicize survey results to local businesses and in local social and other media;	SC HH LL		
Sustainability Education Program	1. Research existing sustainable business practices in the region and elsewhere as appropriate; 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; 3. Present this information to the business community via:	SC HH LL		

	<ul style="list-style-type: none"> a. Online, other social media, written materials as education and publicity; b. Meetings with the Business Liaison Team, Chamber of Commerce, Rotary Club; c. Library programs; <p>4. Develop content for the business page of Glencoe's website that recognizes and promotes current sustainability practices to the public;</p>			
<u>Business Recognition Program</u>	<ul style="list-style-type: none"> 1. Review the current business recognition program for its applicability during Covid; 2. Revise the program in collaboration with the Business Liaison Team and the Chamber of Commerce; <ul style="list-style-type: none"> 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; b. Include in the criteria as a special category the recognition of those who are in the business of sustainability; 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; d. Revise the program based on results of the trial run; 3. Roll out the revised program with local businesses; <ul style="list-style-type: none"> a. Promote the program and those businesses recognized by it through social and other media, meetings with the Chamber, Business Liaison Team, Rotary; 	SC HH LL		
<u>Next Steps</u>	<ul style="list-style-type: none"> 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; 2. Implement appropriate financial and other incentives that will encourage and support businesses to become more sustainable; 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.) 	SC HH LL		

10/20/2020

Draft 12/2/20



Water Use, Protection & Conservation

Planning Document for 2021

SUSTAINABLE
GLENCOE

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>
Blog Information Reservoir				
<i>Initiatives</i>	<i>Action Items</i>	<i>Person Responsible</i>	<i>Planning Period</i>	<i>Item Due</i>
Ally Organizations	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			