



AGENDA VILLAGE OF GLENCOE SUSTAINABILITY TASK FORCE



Glencoe Village Hall
675 Village Court
Tuesday, June 29, 2021
7p.m.-9 p.m.

1. CALL TO ORDER AND ROLL CALL

*Barney Gallagher, Chair
Peter Mulvaney, Vice Chair
Lisa Brooks
Sandy Culver
Hall Healy
Helyn Latham*

*Linda Lin
Joshua Markus
Catherine Procopi
Larry Reilly
Laurie Tuchman
Jennifer Varela*

2. CONSIDERATION OF THE MAY 25, 2021 STF MEETING MINUTES **7:10 PM**

3. INTRODUCTION OF SUSTAINABILITY INTERN **7:15 PM**

4. EVENT PARTICIPATION DISCUSSION **7:20 PM**

- a. Village Parade Entry-July 4*
- b. Friends Of the Green Bay Trail Day-July 31*
- c. Farmers Market- July*

5. FALL LIBRARY WEBINAR PROGRAM PLANNING **7:30 PM**

6. SUMMER/FALL BLOG PLANNING **7:50 PM**

7. CAR IDLING PROPOSAL **8:00 PM**

8. GAS POWERED LEAF BLOWER DISCUSSION **8:10 PM**

9. WORKING GROUP ASSIGNMENTS **8:30 PM**

10. SUBCOMMITTEE UPDATES (AS NEEDED) **8:35 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*

11. GLENCOE COMMUNITY BOARD AND COMMITTEE UPDATES (AS NEEDED) **8:45 PM**

- A. Village*
- B. Park District*
- C. Library*

- D. School District*
- E. Other*

12. OTHER BUSINESS **8:50 PM**

13. PUBLIC COMMENT TIME **8:55 PM**

14. 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**

**Draft Meeting Minutes
Tuesday, May 25, 2020– 7:00-9:00 p.m.**

1. CALL TO ORDER AND ROLL CALL

Chairperson Gallagher called the meeting to order at 7:04 p.m.

The following Task Force members were (virtually) present:

*Barney Gallagher, Chair
Sandy Culver
Hall Healy
Helyn Latham
Linda Lin
Joshua Markus*

*Catherine Procopi
Larry Reilly
Laurie Tuchman
Jennifer Varela*

The following task force members were not (virtually) present:

*Peter Mulvaney, Vice Chair
Lisa Brooks (Excused)*

Also present were:

*Dudley Onderdonk
Chris Leiner
Tina Hostert
Lisa Fremont
Jorge Alonso
Zoe Hope
Megan Olson, Staff Liaison*

2. OPENING

Chairperson Barney Gallagher explained that Governor Pritzker suspended the procedural requirement of the Illinois Open Meetings Act that a quorum of a public body be physically present to conduct a public meeting, which meant that the GSTF will continue to hold virtual meetings until further notice. Additionally, due to the supplemental public participation rules approved by the Village Board in April 2020, the Chair explained that all members of the public should submit public comments via voicemail or email. Chairperson Gallagher asked Staff Liaison Megan Olson if there were any public comments that had been submitted before the meeting. No comments had been submitted.

3. CONSIDERATION OF THE APRIL 27 STF MEETING MINUTES

Upon a motion made by Mr. Healy and seconded by Mr. Reilly and unanimously adopted by all those present by roll call vote, the meeting minutes for the April 27, 2021 were approved.

4. SALUTE TO DUDLEY ONDERDONK AND LISA FREMONT

Chairperson Gallagher read an unofficial GSTF proclamation recognizing the time and accomplishments of Mr. Onderdonk and Ms. Fremont while serving on the task force

since its inception in 2016. Their terms both ended in May of 2021. The proclamation is attached to the minutes.

5. NEW GSTF MEMBER INTRODUCTIONS

Chairperson Gallagher introduced Mr. Joshua Markus and Ms. Laurie Tuchman to the GSTF as new members. Mr. Markus is a member and representative from the Glencoe School District while Ms. Tuchman will serve as a “member at large.”

6. DONATE AND RECYCLE DROP-OFF EVENT REVIEW

Staff Liaison Megan Olson provided some detail on the event, including that 222 households attended the event. While attendance to the event was smaller than the previous fall, the vendors commented that the materials received were of high quality. Furthermore, residents closely followed directions and there were plenty of volunteers at the event. No fall Donate and Recycle Drop-Off Event is currently scheduled for the fall as the Village has not scheduled a Clean-Up Day.

7. MOST IM-PECK-ABLE BIRD VOTING AND SIMPLE RECYCLING UPDATES

Ms. Olson provided an update on the number of voters for the Most Im-PECK-able Bird Campaign which closes on June 22. She also reported that Simple Recycling is planning on starting the curbside textile recycling program for residents on July 12.

8. FALL LIBRARY PROGRAM PLANNING

The task force discussed library webinar topics for September, October and November. The deadline for planning and submission into the Library newsletter is July 15. The group will continue planning at the next meeting.

9. CAR IDLING PROPOSAL

Ms. Latham presented an educational campaign aimed at reducing car idling, particularly around school pickup times. The campaign included signage and a Village proclamation encouraging residents to turn off their engines rather than idling. The group offered a number of suggested and decided to move forward with planning for the educational campaign.

10. WORKING GROUP PLANNING DOCUMENT

- A. *Carbon Emission Reduction*: This working group discussed CS2 Residential Community Solar enrollment numbers and promoting Community Solar at the Glencoe Farmer’s Market as well as issues with enrollment. Also discussed was the Walk, Bike, and Roll to School Program.
- B. *Green Lawns*: Mr. Healy provided an update of the “Most Im-PECK-Able Bird” Campaign and the group discussed the environmental and health hazardous associated with gas-powered leaf blowers.
- C. *Public Awareness*: Ms. Varela discussed ways the group was promoting the “Most Im-PECK-Able Bird” campaign.

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

- A. *Park District*: Mr. Leiner reported that the Glencoe Beach was opening for Memorial Day weekend.

12. OTHER BUSINESS

Ms. Olson announced that she will be resigning from her position with the Village in July due to an upcoming family move.

13. PUBLIC COMMENT TIME

Ms. Olson reported that no public comments were received during the GSTF meeting.

14. CLOSING FAREWELL AND ADJOURN

Then there being no further business to come before the Sustainability Task Force, a motion was made to adjourn and was unanimously adopted by all those present, the meeting was adjourned at 8:42 p.m.

**SUSTAINABILITY TASK FORCE RECOGNITION OF
DUDLEY ONDERDUNK AND LISA FREMONT**

WHEREAS, DUDLEY ONDERDUNK AND LISA FREMONT have served as members of the Village of Glencoe's Sustainability Task Force since its inception in May, 2016; and

WHEREAS, LISA FREMONT AND DUDLEY ONDERDUNK have provided outstanding service to our community by assisting in carrying out the duties of the Sustainability Task Force, established to promote the conservation of natural resources and the environment, encourage environmentally sound and economically viable practices and serve as a resource to the Village Board and the entire Glencoe community through environmental awareness programs and initiatives and by initializing social media; and

WHEREAS, DUDLEY ONDERDUNK AND LISA FREMONT, as members of the Sustainability Task Force, have successfully helped to lead the Sustainability Task Force in its analysis and recommendations of responsible sustainable initiatives for targeted projects within the Village to contribute to the quality of life of Glencoe residents and that of the surrounding North Shore area; and

WHEREAS, WITH THE ASSISTANCE AND LEADERSHIP OF LISA FREMONT AND DUDLEY ONDERDUNK, the Sustainability Task Force has undertaken numerous goals and initiatives, including a collaborative effort with the Glencoe Park District and District 35 to create and implement the Village of Glencoe's first Active Transportation Plan, launching the first community Donate and Recycle Day, pursuing community sustainability certification, forging partnerships across the community for sustainability projects and seeking green energy options for the community, while also building public awareness of environmentalism, recycling, composting, single-use plastics elimination, pesticide reduction, water conservation and storm water mitigation, among other initiatives; and

WHEREAS, WITH DUDLEY ONDERDONK has been instrumental in Sustainability Task Force community educational programs, including promoting water conservation, active transportation and the role of trees in the stormwater system. Also living out his commitments to these ideals through his involvement with Go Green Illinois and the Glencoe Park District Board; and

WHEREAS, LISA FREMONT has been a champion of sustainability, spearheading the Sustainability Task Force annual Donate and Recycle Drop-Off Event, ravine preservation projects, and waste reduction and recycling efforts both inside and outside of the Village of Glencoe's borders, through her involvement with Go Green Illinois; and

WHEREAS, LISA FREMONT AND DUDLEY ONDERDUNK have always represented the Village of Glencoe in a capable, enthusiastic, positive, and welcoming manner as active members of the Sustainability Task Force; and

NOW, THEREFORE BE IT RESOLVED, that the Sustainability Task Force, express on behalf of all the citizens of the Village of Glencoe their appreciation to **DUDLEY ONDERDUNK AND LISA FREMONT** for their outstanding service to the community.



IT IS TIME TO RE-THINK IDLING

It will save your health, the environment and money!

PURPOSE: To present a 'It Is Time To Re-Think Idling' model that the Village can implement and role out as soon as possible. A small change to daily driving habits can make a big change.

GOAL: To make Glencoe an Idle Free village #ITURNITOFF www.iturnitoff.com

BACKGROUND: What is idling? An idling vehicle is one whose engine is running while it is parked or not in use. Idling is a crucial economic, health and environmental issue. The Average American driver spends over 16 minutes a day idling their vehicle, wasting two to four tanks of gasoline per year, just by idling.

ECONOMIC IMPLICATIONS

- 12 Million Gallons of fuel is wasted by idling in the U.S. everyday
- This equates to 18 Olympic-sized swimming pools filled with fuel, which is a national spend of \$32,680,000 everyday.
- Reducing America's Idling could save 387,000 Barrels of Foreign oil imports per day
- When idling a vehicle's fuel is only partially combusted as the engine isn't at peak temperature. This causes fuel residual to build up on the cylinder walls, which can damage engine components and increase fuel consumption.

HEALTH IMPLICATIONS

- Idling emits dangerous pollutants. These emissions include nitrogen oxide, carbon monoxide, carbon dioxide and particulate matter. Breathing these pollutants is linked to increases in asthmas, allergies, heart and lung disease and cancer. **Children are especially vulnerable because they inhale more air per pound of body weight.**
- These pollutants are also dangerous to passengers inside idling vehicles. Car manufactures even point this out in their manuals.
- High levels of air pollution have been linked to increased school absences, hospital visits and even premature deaths.
- Breathing exhaust fumes can damage brain cells and may be linked to autism. One study showed that children with high exposure had lower IQs by the age of 5 years. (www.aappublications.org)
- 1 minute of idling puts more carbon monoxide in the air than smoking 3 packets of cigarettes.

ENVIRONMENTAL IMPLICATIONS

- Idling for more that 10 seconds wastes more fuel than restarting. It burns more fuel and emits more CO2 than tuning off and restarting. (source Argonne National Laboratory)
- The U.S. Department of Energy estimates that idling of personal vehicles generates annually approx. 4o million tons of CO2, a significant contributor to climate change. Eliminating those emissions through idling reduction would be similar to removing 6 million cars from the roads.



IT IS TIME TO RE-THINK IDLING

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PROPOSED ACTION:

- The Village of Glencoe to declare Glencoe a Idle Free village
- Launch a Community Campaign
 - Posters to be positioned on all three Glencoe school car line queuing streets, all Park District carline pick-up locations, train stations, beach and any other possible location. (some state environmental protection agencies offer free or low-cost anti-idling signs)
 - Share the Idling video on Social Media and D35 Newsletter www.vimeo.com/215250033
 - Create a no-idling policy and add it to school's handbook
 - Post a link to itunitoff.com on social media and all possible avenues of GSTF communication, asking people to join the pledge to stop idling.
 - Targeting local driving schools to encourage signing of the pledge, could be a great way to target new drivers.
 - Organizations with fleets of vehicles can save their business money by reducing idling. Educating drivers about idling and developing guidelines.
 - Instead of fines, maybe windshield flyers/idling tickets (information flyers about all the hazardous implications of Idling) can be handed out and/or left in offending car windshield.
- **What everyone can do**
 - Turn off your engine when waiting longer than 10 seconds (except in traffic) Plan on your car being cold. Dress appropriately in warm clothes during cold weather
 - Take public transport, walk, jog ride your bike instead of driving when possible
 - Avoid using a remote starter.
 - Avoid "drive throughs" if possible. Park turn off your engine and walk into the business instead.

REPORTS AND RESEARCH

Argonne National Laboratory Idling Research <https://www.anl.gov/es/reducing-vehicle-idling>

DOE Vehicle Technology Office <https://www.energy.gov/eere/vehicles/idle-reduction>

The Health, Environmental and Economic Impacts of Engine Idling in New York City." Environmental Defense Fund, 2009.

<https://www.edf.org/attention-drivers-turn-your-idling-engines>

Sustainable America www.sustainableamerica.org

NOTES: To help curb the health and environmental hazards of idling, more than two dozen states and many municipalities have anti-idling regulations in place. Unfortunately many of these regulations are only targeted at large commercial vehicles* and don't include passenger vehicles. A handful of states do stipulate fines for passenger vehicle idling according to data collected by the U.S. Department of Energy.

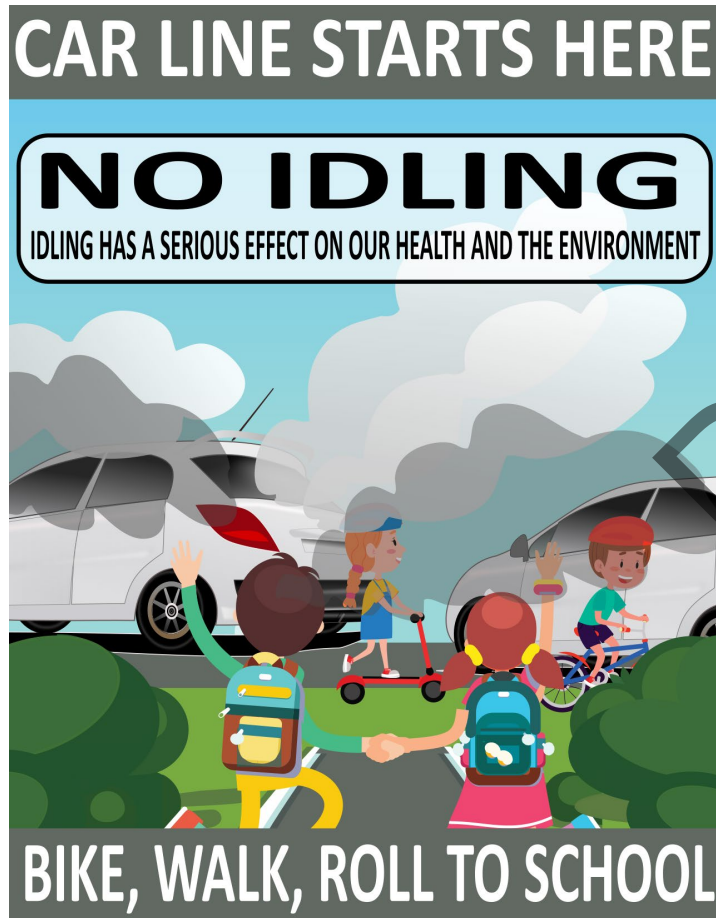
* Illinois Cook County: Have idling restrictions for Diesel vehicles over 8,000 lbs (10 minutes within any 60 minute period, but 30 minutes in any 60 minute period while waiting to weigh, load or unload cargo or freight, unless the vehicle is in a line of vehicles that regularly and periodically moves forward.

IT IS TIME TO RE-THINK IDLING

It will save your health, the environment and money!

SIGNAGE

Newly designed and implemented in April 2021 in conjunction with the D35 'Bike, Walk, Roll to school' campaign



IT IS TIME TO RE-THINK IDLING

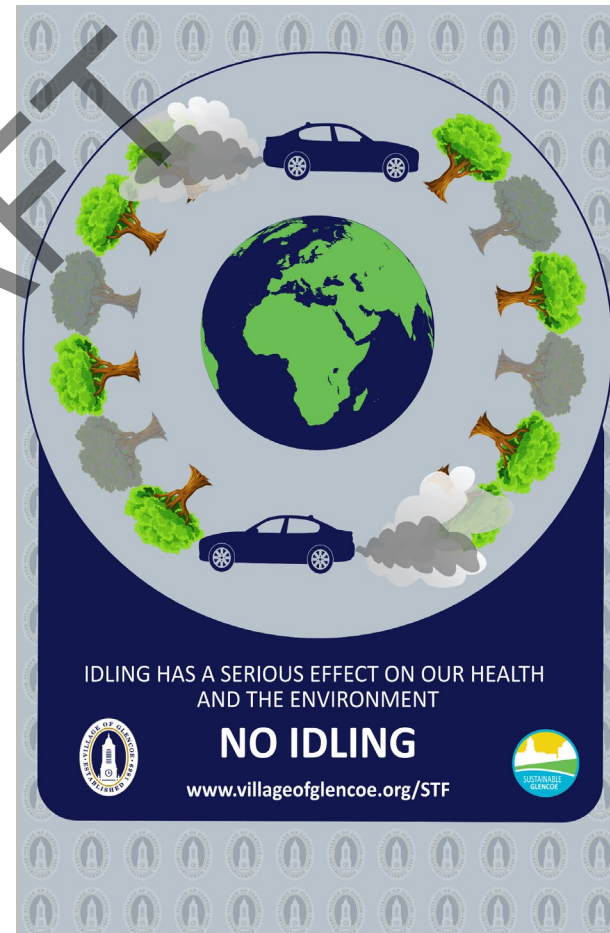
It will save your health, the environment and money!

PROPOSED SIGNAGE

SAMPLE A



SAMPLE B



IDLE FREE RESOLUTION FOR MOTORIZED VEHICLES IN THE VILLAGE OF
GLENCOE, ILLINOIS AND DECLARING
GLENCOE, ILLINOIS TO BE AN IDLE-FREE VILLAGE:

WHEREAS, emissions from vehicle idling contributes significantly to air pollution, climate change and increased rates of cancer, heart and lung diseases, which adversely affect health; and

WHEREAS, children whose lungs are still developing are at a higher risk because they breathe more rapidly and inhale more pollutants per pound of body weight than adults; and

WHEREAS, it is vital that we protect the health and well-being of our children who are the future for the Village of Glencoe; and

WHEREAS, emissions from vehicle idling significantly affects the natural environment and economic wellbeing of residents, guests and visitors of the Village of Glencoe; and

WHEREAS, petroleum-based fuels are nonrenewable and should be used wisely and not wasted; and

WHEREAS, idling a typical vehicle for longer than ten seconds consumes more fuel than restarting that vehicle, resulting in excessive emissions and wasted fuel; and

WHEREAS, every citizen can improve our Village's air quality by turning off vehicles whenever we are going to idle more than three minutes; and

WHEREAS, reducing needless vehicle idling is in keeping with the Village of Glencoe's promotion as a sustainable community; and

WHEREAS, education about idle reduction can raise community awareness, encourage consumers to develop idle free habits, and influence adoption of idle free policies within Village government; and

WHEREAS, the Village Board of Trustees desires to ensure that idling does not occur in idle-frequent locations such as school grounds, garages, commercial areas; and

WHEREAS, the Village Board of Trustees desires to take a proactive position on air pollution to protect the livability and viability the Village and its residents, visitors and guests; and

WHEREAS, it is in the public interest that the Village of Glencoe residents, guests and visitors reduce vehicle emissions to protect the health, economy and natural environment of the Village of Glencoe and the surrounding area;

PASSED AND ADOPTED this ____ day of ____, 2021.

NOW, THEREFORE BE IT RESOLVED, by the Village Board of Trustees that:

1. NO IDLING GUIDELINES. The Village of Glencoe encourages residents, guests, visitors, Village employees and other individuals within the Village limits to not exceed a three-minute idling time in their gasoline or diesel-powered motor vehicles. Exceptions to these idling guidelines include the following:

- A. The vehicle is forced to remain motionless on a public road because of traffic conditions.
- B. The vehicle is an emergency vehicle used in an emergency situation.
- C. Vehicle idling is necessary for auxiliary power for law enforcement equipment, refrigeration units, loading/unloading lifts, well drilling and/or farming.
- D. Vehicle idling is necessary for repair or inspection of the vehicle.
- E. The health or safety of a driver or passenger requires the vehicle to idle, including instances where the temperature is below 32 degrees F or above 90 degrees F.

This Resolution is not enforceable by citation or fine. Compliance shall be strictly voluntary.

2. DECLARATION. The Village Board of Trustees hereby proclaims the Village of Glencoe to be an Idle-Free Village.

3. EFFECTIVE DATE. This Resolution shall take effect upon adoption by the Village Board of Trustees

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Carbon Reduction Priority

Planning Document for 2021



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 conservation of energy and reduction of methane emissions.

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 2021				
Strategy	Action Items	Person Responsible	Planning Period	Item Due
Data	Have Comed and NorthShore Gas provide aggregated energy usage for the Village, broken down into public, residential and commercial uses.			
	Explore the possibility of utilizing the Village vehicle registration data to establish the number/percentage of electric and hybrid vehicles currently registered as a baseline for measuring progress as well as to inform policy decisions around EV infrastructure projects.			
	Establish energy use reduction targets for public, residential and commercial use and monitor progress towards those goals on an annual basis			
	Develop a cost benefit analysis for investing in home energy usage improvement.			

Strategy	Action Items	Person Responsible	Planning Period	Item Due
Public Actions	Replacement of incandescent lighting with LED in buildings and street lighting			
	Phase in replacement of all public vehicles with either hybrid or preferably all electric vehicles			
	<u>Develop and implement noticeable, carbon friendly infrastructure - installation of EV charging stations in the Village, expand bike lanes throughout the village, promote walking and the use of buses and other public transportation</u>			
	Convert all public buildings to either active solar or community solar electricity supply.			
	Update construction ordinances to incorporate energy related improvements in all new construction and renovations <u>(Glencoe follows the 2015 Illinois Energy Conservation Code. Is this sufficient?)</u>			
	<u>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).</u>			

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

Utilize public awareness plan to support the implementation of the Community Solar Program

Stage an Electric Vehicle “Auto Show” in conjunction with the Glencoe Art Show or other major event in downtown Glencoe

Education

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

Organize library programs around community solar to educate the community on the availability of this option

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

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



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"> • 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	
	<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>
<p><u>Vision</u></p>	<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>
<p><u>Objectives</u></p>	<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.
<p><u>Strategies</u></p>	<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		

10/20/2020

Village of Glencoe Sustainability Task Force

Sustainable Business Initiative

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

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.

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

<i>Strategies</i>	<i>Action Items</i>	<i>Persons Responsible</i>	<i>Planning Period</i>	<i>Item Due</i>
<u>Current Sustainability Practices</u>	<ol style="list-style-type: none"> 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"> 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		
<u>Sustainability Education Program</u>	<ol style="list-style-type: none"> 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

ECO District Priority: Resource Generation- Work towards net positive water use

Revised Draft: Prepared by D. Onderdonk 1/23/2021

Goal:

Water Conservation

Objective:

Use and Distribute Potable Water Efficiently to reduce Glencoe's per capital water consumption

Strategy:

Create a comprehensive and actionable list of activities for all Glencoe stakeholders

Actions

Near term (1 year)

- Designate a Village staff member to serve as the Water Conservation Coordinator to serve as an in-house advocate, data collector and resource for water conservation.
- Establish a multi-media water education program for residents, institutions & businesses. Use educational resources developed by trusted sources such as the Sierra Club, NRDC, UL Labs, CMAP, LWV, Consumer Reports, APWA, MWRD, USGBC, ICC and USEPA. Continue to work with Library to develop resource materials and co-sponsor events, speakers and films. Continue sustainability blog Manager's weekly report and column in Village Newsletter for ongoing education.
- Leverage and share AMI water meter data to encourage residents and businesses to identify and mitigate water loss. Print information on water bills
- Enforce the current irrigation rules and adjust irrigation habits to only water plants when & where needed. Coordinate with education efforts at the Chicago Botanic Garden.
- Adjust current water rates to promote conservation with price signals. Prepare residents for future increases.
- Challenge the Village Government and allied institutions to reduce water consumption and report results.
- Conduct a staff survey of water efficiency measures in all municipal facilities
- Revise tree planting & protection requirements to reflect best practices. Continue participation in "Tree City" program
- Work to reduce peak water use for landscaping during the summer through rain water management including proper irrigation, rain barrels, buried downspouts, soil sensors, rain gardens, plant selection and permeable surfaces.

Net Positive Water Use

Mid term (1-3 years)

- Provide water use audits, neighbor comparisons & benchmarks with data from the new meters (similar to Comed energy use reporting program)
- Encourage residents to replace old water fixtures, toilets, dishwashers and clothes washers with efficient EPA approved models (these actions have the most impact on indoor water use)
- If legal, adopt advanced “Water Sense” conservation fixtures as part of the plumbing code (This may require “Home Rule.”)
- Continue education & regional water conservation programs

Long term (3+ years)

- Participate with IDNR, MWRD and CMAP in regional efforts to conserve water
- Revise stormwater management & erosion control construction codes using the ICC Green Code as a guide
- Investigate providing financial incentives to residents for water conservation rebates or inspection fee waivers for fixture and toilet replacement.
- Explore required residential water retrofits upon resale, purchase or reconnection (as recommended by CMAP)
- Participate with MWRD & LCSWMA on stormwater management & water quality issues
- Explore consideration of a stormwater management utility fee such as used in Winnetka
- Continue education & regional water conservation programs

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	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>			

STF Library Webinar Schedule 2021

Virtual programs at the [Glencoe Public Library](#) (all STF programs begin at 7pm)

- ***January 7: Eating Better for You—and the Planet***
- ***February 4: Staying Comfortable While Conserving Energy***
- ***March 4: Living the Green Life: Eco-Lawn Care Made Simple***
- ***May 12: What's It Like to Be a Bird?***
- ***June 22: What is That Bird?***

Village-wide Sustainability Events

- ***April 1: Curbside Yard Waste and Composting Restarts***
- ***TBD: Beach Clean-Up Day***
- ***Saturday May 15: Spring Donate and Recycle Drop-off Event***
- ***Saturday May 22: Spring Clean-up Day (curbside collection)***
- ***Saturday, June 12: Illinois EPA Household Hazardous Waste Collection Event***
- ***Saturday, June 18: SWANCC Electronics Recycling and Paper Shredding Event***

2020/2021 GSTF Blog Post Schedule

Writers should develop a 500 to 1,000-word article regarding their article subject, a **lively short title** and a **one to two sentence introduction**. Please send along article **with at least three photos** that were captured by GSTF member to avoid any copyright violations. Photos from unsplash.com can also be submitted.

The drafted article and photos should be sent to the committee chair and the staff liaison for commentary/edits before the Village due date via email. The Village will provide minor edits to the article and post the article on the GSTF Blog, which can be found here:

https://www.villageofglencoe.org/task_force_blog/index.php

Article Subject	Draft to be Delivered to Village	Assigned To	Received	Published on Blog
From the Archives: Energy Savings for Your Home	n/a	Larry Reilly	XXX	8/1/2020
Living Infrastructure: Taking Care of Our Urban Forest	7/1/2020	Dudley Onderdonk	XXX	8/1/2020
STF Hosting the Second Donate and Recycle Day	8/1/2020	Lisa Fremont	XXX	9/9/2020
Community Solar Subscriptions	10/1/2020	Barney Gallagher	XXX	12/17/2020
Donate and Recycle Day Recap***	n/a	Larry Reilly	XXX	10/23/2020
From the Archives: Water Conservation	11/1/2020	Peter Mulvaney	XXX	(Waiting for the launch of new online water portal)
Cycling throughout the Year***	n/a	Helyn Latham	XXX	11/6/2020
Hold the Salt: Reducing Salt on Sidewalks***	n/a	Dudley Onderdonk	XXX	12/4/2020
Green Businesses Sustainability Tips	12/1/2021	Sandy Culver and Hall Healy	XXX	1/12/2021

GSTF 2020 Reflections and Accomplishments***	n/a	Hall Healy and Barney Gallagher	XXX	1/12/2021
Energy Conservation	2/1/2021	Larry Reilly	XXX	2/12/2021
Wood Ash makes great fertilizer for your garden***	3/1/2021	Helyn Latham	XXX	3/1/2021
Recycling Webinar Recap	4/1/2021	Linda Lin		
Bird Mascot Introduction	5/1/2021	Hall Healy		
Summarizing Your House	6/1/2021	Larry Reilly		
Saving Green with LED Light Bulbs	7/1/2021	Barney Gallagher		
	8/1/2021			
	9/1/2021			
	10/1/2021			
	11/2/2021			
GSTF 2021 Recap and Accomplishments/ 2022 Outlook	12/1/2021			

*** Not originally scheduled.