



SUSTAINABILITY WORKING GROUP

FINAL REPORT &
RECOMMENDATIONS TO THE
PLAN COMMISSION

November 19, 2012
Rev. January 12, 2013

ORGANIZATION OF REPORT

EXECUTIVE SUMMARY

SECTION 1: WEBSITE

SECTION 2: COMMUNITY OUTREACH EVENT

SECTION 3: PILOT PROJECT

SECTION 4: CODE AUDIT

Prepared by the
SUSTAINABILITY WORKING GROUP:

Walt Eckenhoff, Chair
Plan Commission Rep

Beth Dunn
*Director of Government Affairs
Chicago Botanic Garden Rep*

Jean Hahn
Glencoe School Board Rep

Hall Healy
Public-at-Large Rep

Andre Lerman
Glencoe Park District Rep

Laurie Morse
Public-at-Large Rep

Dudley Onderdonk
Public-at-Large Rep

Mark Piltingsrud
Public-at-Large Rep

Larry Smith
Public-at-Large Rep

Executive Summary

The Sustainability Working Group (SWG) was formed by the Village Manager in June 2011. It is a nine member group with representatives from the Plan Commission, School Board, Chicago Botanic Garden, Park Board, and five Public-at-Large members. The SWG was tasked with assisting the Village Manager, the Plan Commission, and the Village Board in raising awareness and generating community input by achieving four distinct sustainable initiatives within an 18-month timeframe. Work on the below four initiatives is now complete and documentation is attached as Sections 1, 2, 3, & 4.

1. Establish a Village website hosting sustainability issues, information, and events.

The SWG determined the best approach to a user friendly, intuitive, and well maintained website was to link directly to the existing Village of Glencoe website allowing sustainability information and news/events to be accessed within an already established structure. Content on land use, buildings, water, waste, air quality, energy, and eco systems, as outlined in the 2009 Contextual Design Review Commission's Sustainability Study, was incorporated into the website. Direction for content was informed by the SWG and updated by village staff.

2. Plan and execute a village-wide outreach event to collect and measure resident interest and input in sustainability issues.

On March 10, 2012, the SWG hosted "Green Goals for Glencoe" at the Takiff Center to solicit community discussion, ideas, and involvement in various areas of sustainability. Approximately 30 residents attended the three hour forum and had the opportunity of focusing on energy, transportation, clean air/water, design/construction, waste, and open space in individual breakout groups moderated by SWG members. Ideas generated from these sessions are outlined and prioritized in **Section 2** of this report. Subsequent efforts to craft a sustainability plan for Glencoe should focus on these prioritized ideas.

3. Organize a pilot project to promote a specific sustainable village initiative in order to raise public awareness.

After much discussion and many ideas, the SWG determined that a fundraising event to benefit the ongoing restoration of the Green Bay Trail by Friends of the Green Bay Trail (FGBT) was an achievable and appropriate way to promote sustainability through a specific initiative. The "Buckthorn Barbeque", hosted by the SWG and held at the Glencoe Golf Club, drew 50 people and raised a net of \$3,000 for purchase of native plant material to replace buckthorn. The event featured multiple speakers, including Betsy Leibson from FGBT, author Charlotte Adelman (Midwest Native Garden), Bob Kirschner from the Chicago Botanic Garden, and Stella Nanos from the Glencoe Golf Club. An event similar to this might be considered on an annual basis to promote specific objectives.

4. Conduct an “audit” of Village ordinances to suggest easily achievable modifications enhancing sustainable practices.

The SWG completed an audit of Chapters 1-38 of the Glencoe Village Code to incorporate easily achievable additions, revisions, and comments promoting sustainability. These are organized in a format that directly corresponds to the chapters, articles, and/or sections of the actual Code and are listed in **Section 4** of this report. The audit is by no means exhaustive and will require subsequent review, direction, and approval by Village staff, Village legal counsel, and the Village Board. Larger-picture strategic sustainability concepts in areas of zoning and the Comprehensive Plan were outside the scope of this initiative. Chapters with no recommendations noted were not flagged for change.

The stage is now set to build on this progress through creation of subsequent ongoing sustainable efforts. Recommendations to accomplish this and maintain momentum are as follows:

1. Consider establishing a Glencoe Environmental Commission, reporting directly to the Village Board, to focus, promote, coordinate, and educate residents with respect to sustainable strategy, policy, and implementation. This type of commission has been started in neighboring communities (*see attached table – Municipal Sustainability Survey*). Such commission should be representative of the community, similar in organization to the Plan Commission, and include representatives from the schools, parks, Chicago Botanic Garden, Glencoe Golf Club, etc. with specific expertise in environmental, landscape, and building technology. Such commission should establish a guiding vision for sustainability in Glencoe, collaborate with the Plan Commission on updating the Comprehensive Plan, and maintain content of the Village website relative to sustainability.
2. Encourage grass roots citizen sustainability organizations to pursue and give voice to motivated Glencoe residents. This will be an appropriate forum for pilot projects and fundraising.
3. Revisit and adjust the Contextual Design Review Commission incentives to voluntarily promote sustainable design through other measures than increased FAR.
4. Commence work on an updated Comprehensive Plan for the Village incorporating sustainable strategy as a primary component. Issues involving downtown master planning, open space, etc. should all be addressed in this document. A key component should be a Village-wide energy/sustainability audit to serve as a baseline for future action. This is in keeping with recommendations made in the 2009 Sustainability Study.
5. Devote ongoing resources to the maintenance and continued development of the now established Sustainability Website:
<http://www.villageofglencoe.org/about/sustainability/default.aspx>.

6. Advance prioritized outcomes from the March 10, 2012 Community Outreach Event. These priorities were initiated by Village residents who attended the event and later ranked in priority by members of SWG – *see Section 2 of this report*. It should be the responsibility of the Village to provide the next steps following this community exchange of ideas and priorities.
7. Review the Village Code Audit recommendations – *see Section 4 of this report* – with staff, the Village Planner, and the Village Attorney to amend codes to claim “low-hanging fruit” and reinforce sustainability.
8. Support the adoption of the proposed Steep Slope ordinance.
9. Reinforce alliances with sustainability organizations, engage staff in on-going training, establish a staff “green team” to regularly review internal policies/procedures, and investigate potential for a full or part-time environmental staff position, possibly shared with other neighboring municipalities.

Municipal Sustainability Survey

Municipality	Commission/Agency	Staffing	Contact	Local Support	Comments
Deerfield	Sustainability Commission	Village Part time	Jenny Maltais		Village based
Evanston	Environment Board, Utilities Commission, Green Ribbon Commission	City Full time Sustainability staff	Catherine Hurley	Citizens Green, Evanston Environmental Association, Living Evanston Talking Farm Walk N Roll	Very active local environmental community, Consultant help Active schools
Glencoe	Sustainability Working Group	Village Part time	Nathan Parch	Botanic Garden	Active schools Consultant help
Glenview	Natural Resources Committee	Village Part time	Robyn Flakne		Environmental Review staff Committee
Highland Park	Natural Resources Commission	City Full time Sustainability Staff(contract)	Emily Palm	Green Initiatives Alliance	Active schools Consultant help Planning Effort
Lake Forest	City staff "Green Team" / CEA	City Part time	Chuck Myers	Consortium for Environmental Leadership CEA	Good analytics City based
Northbrook	Environmental Quality Commission	Village Part time	Andrew Letson		Active staff "green team"
Northfield	No Village Commission		Liz Kunkle	Go Green Northfield	Limited activity new
Wilmette	Environmental & Energy Commission	Village Part time	John Prejzner	Go Green Wilmette	Active schools Green Businesses
Winnetka	Environmental & Forestry Commission	Village Part time	Steve Auth	Go Green Winnetka	

Source: D. Onderdonk, Glencoe Sustainability Working Group 11-20-12



*LETTER
SENT TO EACH
SNCT MEMBER



Office of the Village Manager
Village of Glencoe
675 Village Court
Glencoe, Illinois 60022

Phone 847.835.4114
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June 10, 2011

Ms. Beth Dunn
Director of Government Affairs
Chicago Botanic Garden
1000 Lake Cook Road
Glencoe, Illinois 60022

Dear Ms. Dunn:

On behalf of the Village of Glencoe, I want to thank you for your willingness to participate with other residents as a member of the "Sustainability Working Group". As you know, this Group has been designated to assist in the Village's efforts to examine and develop strategies and approaches to advance sustainability practices within Glencoe. Your efforts, in concert with other residents serving on the Sustainability Working Group, will assist me, as the Village's chief administrative officer, to (i) develop policies and procedures for the Village to follow, (ii) provide information to the Plan Commission in connection with its review of sustainability measures, and (iii) make recommendations to the Village Board for any ordinances or programs that might be adopted in the Village.

Mr. Walt Eckenoff will be leading the efforts of the group. Members of the Sustainability Working Group are listed on the attached roster. In addition, I will make Community Development Analyst Nathan Parch and other members of the Village staff available to render assistance to the group.

The first meeting of the Sustainability Working Group will be held on Wednesday, June 29, 2011 at 7:00 PM at Village Hall. Subsequent meetings will be held on the last Monday of each month. If you have any questions, please contact Mr. Parch at 847-835-4111 or nathanp@villageofglencoe.org.

I appreciate your willingness to offer your time, talents and energy to our community. Thank you again for your service.

Sincerely,

Paul M. Harlow
Village Manager

cc: Scott Feldman, Village President and Board of Trustees
Caren Thomas, Chair, Glencoe Plan Commission
Mr. Walt Eckenoff
Mr. Nathan Parch, Community Development Analyst

VILLAGE OF GLENCOE

RESOLUTION NO. R-01-2010

**A RESOLUTION DIRECTING THE PLAN COMMISSION TO REVIEW THE
SUSTAINABILITY STUDY AND TO MAKE RECOMMENDATIONS TO THE
VILLAGE BOARD REGARDING IMPLEMENTATION**

WHEREAS, on November 20, 2008, the Village Board approved Resolution No. R-20-2008 directing the Contextual Design Review Commission (the "**CDRC**") to study programs, policies, and incentives regarding sustainable/green design; and

WHEREAS, in response to Resolution No. R-20-2008, the CDRC met for nine months and completed its review on July 13, 2009 with the approval of a final report entitled Village of Glencoe Sustainability Study; and

WHEREAS, on October 15, 2009, the CDRC presented the Sustainability Study and its recommendations to members of the Village Board; and

WHEREAS, the Sustainability Study serves as an introduction addressing the components of a sustainability plan, together with an analysis of sustainability trends and programs already in place in Glencoe, neighboring communities, and in several cities and towns around the country known as leaders in the development of sustainability programs; and

WHEREAS, the Sustainability Study also addresses potential strategies for the Village to consider moving forward and makes some "next steps"

recommendations, including the identification of an appropriate committee to take a leadership role in examining and recommending policies, programs, and, where appropriate, legislative initiatives; and

WHEREAS, at its October 15, 2009 meeting, the Village Board determined that the Plan Commission, based on its broad representation, was well suited to spearhead the kind of Village-wide support and involvement needed for a successful effort in the sustainability area.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE VILLAGE OF GLENCOE, COOK COUNTY, ILLINOIS, as follows:

SECTION ONE. Recitals. The recitals set forth above are incorporated as a part of this Resolution by this reference.

SECTION TWO. Referral to Plan Commission. The President and Board of Trustees hereby authorize and direct the Plan Commission to review the Sustainability Study and to prepare recommendations to the Village Board of Trustees regarding implementation of the strategies and next steps outlined in the study, with special consideration given to timing and priority.

SECTION THREE. Time Frame. The Plan Commission will present its recommendations, or if not concluded, a status update, to the Village Board no later than June 17, 2010.

SECTION FOUR. Effective Date. This Resolution shall be in full force and effect upon its passage and approval in the manner provided by law.

PASSED this 21st day of January 2010.

AYES: Bhote, Cowans, Keefe, Levin, Shubart and Solomon (6)

NAYS: None (0)

ABSENT: None (0)

APPROVED this 21st day of January 2010.

/s/ Scott M. Feldman
Village President

ATTEST:

/s/ David A. Clark
Village Clerk

SECTION 1: WEBSITE

FINAL REPORT & RECOMMENDATIONS TO THE
PLAN COMMISSION



Demographics

Glencoe Historical Society

History and Architecture

Sustainability

News/Events

Community Partners

Getting Involved

Land

Getting Around

Water Resources

Buildings

Homes

Waste & Cleaning

Clean Air

Energy Efficiency

Eco Systems

Photo Gallery

Village Maps/Online Maps

Sustainability

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What is Sustainability?

From Introduction of Village of Glencoe Sustainability Study:

"Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their needs." -- U.N. Brundtland Report, 1987

"The earth has a finite capacity to provide resources and to absorb waste, and human demands already exceed that capacity. Current lifestyles in the developed world, to which many people in the developing world also aspire, rely on depleting natural capital and are unsustainable. The United Nations have stated, in the Millennium Declaration, that "current unsustainable patterns of production and consumption must be changed". Yet weight of information and scientific evidence is often insufficient to produce necessary social change, especially if that change entails moving people out of their comfort zones. There is a wealth of advice available to individuals wishing to reduce their personal impact on the environment through small, cheap and easily achievable steps. But the transition required to reduce global human consumption to within sustainable limits involves much larger changes, at all levels and contexts of society." -- WikipediaDefinition 2009.

People across America have become aware of the broad importance of Sustainability in their lives. Conservation and efficient use of energy, respect for the natural environment and reduction of waste are all increasingly vital components for our future and simply cannot be ignored any longer. Leadership shown by municipalities is essential to enhancing these local quality-of-life issues that go hand in hand with sustainability. The unique identity of each community will drive public engagement, help formulate goals, establish planning objectives and measure outcomes.

Glencoe has an unparalleled natural beauty of lakefront, ravines, and parkland. Its citizens are educated and affluent, its built environment is architecturally diverse and rich and it is well connected via multiple transportation networks to a great metropolitan area. As we move forward, a more comprehensive approach to sustainability will enhance and preserve these qualities.

Past "Green" Initiatives:

Quite a few of Glencoe's green initiatives date back many years. The Village has been awarded the Tree City USA designation every year since 1985, has had a Tree Preservation Ordinance in place since 2000, has long standing lawn sprinkler regulations and has had a residential recycling program in place since 1990 with consistently high levels of participation. The Village uses impervious surface regulations, adopted in 2007, to reduce storm water runoff and has considered steep slope regulations (draft at this point) to protect sensitive bluff and ravine properties. Hybrid vehicles have been added to the municipal fleet over the years. Recently, the Glencoe Golf Club achieved designation as a Certified Audubon Cooperative Sanctuary. The Village regularly promotes Green initiatives via the website, a dedicated section in the Glencoe Quarterly, and through community events.

Recent Sustainability Activities:

In 2009, the "Village of Glencoe Sustainability Study" was completed by the Contextual Design Review Commission (CDRC) in response to a directive received from the Village Board, concluding an approximately 9-month long review and analysis. The Sustainability Study serves as an introduction addressing: the components of a sustainability plan (Chapter I), what sustainable practices Glencoe currently employs, what neighboring communities are or are not doing, and what national communities on the forefront of sustainability are doing. (Chapter II). It concludes with broad recommendations and next steps (Chapter III).

Copy of Sustainability Study

Appendix I

Appendix II**Appendix III**

In 2010, the Village Board directed the Plan Commission to undertake sustainability as one of its projects. The Village Board determined that the Plan Commission, based on its broad representation, was well suited to spearhead the kind of Village-wide support and involvement needed for a successful effort in the sustainability area. In particular, the Village Board charged the Plan Commission with reviewing the "Recommended Strategies" and "Next Steps" included in the Sustainability Study. The Plan Commission hosted two Forum Nights in which 15+ public bodies, community groups, organizations, and boards participated in sharing with the Commission their current and future sustainable initiatives, practices, and policies. Following the forums, the Plan Commission narrowed its focus to the following four key initiatives:

- 1) Develop a user-friendly, intuitive website for residents and students to learn more about best practices;
- 2) Form a "Green-Alliance", collaborating with public bodies, community groups, organizations, and boards to promote broader sustainable programs;
- 3) Conduct an internal audit of Village regulations to identify any barriers that may inadvertently impede sustainable efforts; &
- 4) Pursue pilot projects that educate and encourage residents to undertake sustainable measures in their own households.

In June 2011, the Village Manager formed the Sustainability Working Group to assist him, the Plan Commission, and Village Board in advancing sustainability initiatives in the community. The working group is advisory in nature and is comprised of nine (9) members. The working group will assist the Plan Commission in accomplishing the above four initiatives. As work progresses within the group it will be reported on the website so that the community can share in the development of a Sustainability Program for the Village. The lifespan of the working group is expected to be 12 to 18 months, or until work is complete.

Members of the Sustainability Working Group are:

Walt Eckenhoff, Chairman
 Beth Dunn, Chicago Botanic Garden
 Jean Hahn, Glencoe School Board
 Hail Healy, Public-at-Large
 Andre Lerman, Glencoe Park District
 Laurie Morse, Public-at-Large
 Dudley Onderdonk, Public-at-Large
 Mark Piltingsrud, Public-at-Large
 Larry Smith, Public-at-Large



VILLAGE of GLENCOE | 070 Village Court | Glencoe, IL 60022 | 847-535-4111 | info@villageofglencoe.org | Hours: 8:00am - 4:30pm Monday - Friday

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SECTION 2: COMMUNITY OUTREACH EVENT

FINAL REPORT & RECOMMENDATIONS TO THE
PLAN COMMISSION

March 10, 2012 Event Summary

INTRODUCTION

On March 10, 2012, The Sustainability Working Group hosted a Sustainability Forum at the Glencoe Park District's Takiff Center aimed at identifying "Green" goals for Glencoe. The Village Manager formed the Sustainability Working Group in June 2011 to assist staff, the Plan Commission, and Village Board in advancing sustainability initiatives in the community.

The purposes of the Sustainability Forum were to: foster a Village-wide conversation about sustainability; identify residents with an interest in sustainable initiatives; and provide a summary of the event under the "Sustainability" tab of the Glencoe Village website. More than thirty residents attended, rotating among five small groups focused on the topics of: Renewable Energy; Green Building Design and Construction; Transportation and Land Use; Solid Waste Management; and Open Space. A moderator from each small group listened and noted attendee suggestions and comments. A summary of the sustainability priorities identified at the Forum are summarized below and will be delivered to Village's Plan Commission and Board of Trustees.

The Sustainability Forum was held in the context of a year where many projects and issues in the Village related to natural resources and planning were being considered or were underway, including:

- A citizen group started a community vegetable garden on Village land near the Metra tracks at Sheldon Park.
- A citizen group, Friends of the Green Bay Trail, removed invasive species and installed native plants along Glencoe's bike trail south of Harbor Ave, with the approval and assistance of Village staff.
- An interest in "Green" home building became apparent with many homeowners opting to incorporate energy efficient and environmentally friendly features into their homes. One such home was awarded LEED (Leadership in Energy and Environmental Design) Platinum Certification.
- The Glencoe League of Women Voters completed a regional study of solid waste management with the recommendation that the Village strive for zero waste going to landfills.
- The Village Board appointed a task force of residents to examine policy regarding the use of Village-owned street-ends that link the Village to Lake Michigan.
- The Village approved a referendum on March 20th, 2012 authorizing an "opt-out" electricity aggregation program for residents and small businesses. Under this program, residents will have the opportunity to support renewable energy resources through a Green Power Program that purchases renewable energy certificates.
- Storm water mitigation projects have been considered to address the aftermath of unusually heavy rainfall in July and August of 2011.

SUMMARY OF THE FIVE DISCUSSIONS

Renewable Energy Generation with Incentives for Use

(Moderated by Village Trustee Larry Levin)

- Windmill towers at Tower Road tower, golf course, railroad right-of-way and possibly on the water storage tank on Route 41.
- Mini wind turbines for residential use (potential risk of injury?)
- Wave action
- Solar panels
- Passive solar design and skylights
- Fuel cells
- Geothermal heating and cooling

Energy Ideas (Energy Conservation)

- Energy conservation classes at Glencoe schools
- Energy saving tips offered to residents by village
- Village to adopt sustainable residential/commercial building codes
- Electric carts to collect garbage on smaller residential streets
- Village to subscribe to 100% renewable energy sources
- Encourage green roofs
- Provide electric vehicle charging stations
- Village to offer energy
- Biodiesel fuel for village vehicles
- Collect dog feces and food waste for methane/fertilizer production
- Explore cogeneration for production of electricity and heat

Green Design and Construction

(Moderated by Plan Commission member/Sustainability Working Group chairman Walter Eckenhoff)

- Publicity and tours of model sustainable homes
 - Slotnick Home
- Village promotion of concept
- Aesthetics should not get in the way of the message
- Saving energy equals saving money
- Village incentives for green construction
 - Fast track permit process
 - Reduced fees
 - Financial grants
- It is not about size
- Education of:
 - Owners
 - Builders

- Architects/Builders must be LEED certified
- Strict energy codes
 - Model code needed
- Material selection
- Energy audits
 - Available through the website: <http://www.myhomeeq.com/>
- Energy efficient HVAC
- Responsible use of energy and daylight
- Lifestyle component
 - How do you use your home & energy?
- Historic homes are restricted from using energy saving methods
 - Window replacement
- Recycle/Re-use building materials & components
- Incentives for rehabilitating existing homes
- Spring Clean Up should allow for items to be re-used
 - Hold a Village Garage Sale one week before
- Need for design review:
 - Yes or No?
 - Mixed?
- Waive permit fees for LEED construction
- Cost/Benefit analysis
- Issues related to FAR (Floor to Area Ratio-the ratio of a building's total floor area to the size of the parcel of land upon which it is built)
- Energy calculations – accurate?
- Honest environmental impact analysis
- Gradual implementation
- Improve Public Relations, awareness building for sustainability
- Educate about issues
- Leverage Village staff
- Afraid of Change

Other comments

- Need for Pervious / Permeable Paving
- Pilot Project Needed
 - Deconstruction of a home
 - Other
- Flooding (Sewer Back Up)

Transportation and Land Use

(Moderated by Sustainability Working Group member Dudley Onderdonk)

Land Use

- Reserve Downtown parking spaces for hybrid vehicles

- Revisit / Restart Downtown Planning effort
- Review need for small “Pocket Parks” especially along Green Bay Road
- Find better ways to use open space in the community
- Explore establishing a temporary downtown pedestrian mall to support events & shopping
- Explore Transit Oriented Development (TOD / mixed use development) in Downtown Glencoe
- Allow 3-4 story mixed use commercial / residential buildings Downtown

Transportation

- The wide Green Bay Road median near the Takiff Center creates bike/car conflicts
- Explore the use of school buses for additional Village transportation Needs
- Investigate establishing a local Village shuttle
- Encourage the use of mass transit (bus and rail)
- Improve directional and traffic signage for bicycle and pedestrian safety
- Provide designated bike lanes where feasible
- Investigate providing a weekend beach shuttle to manage parking at Glencoe beach
- Encourage and accommodate alternate vehicles
- Encourage walking to school
- Improve bicycle use and directional signs (similar to Wilmette & Northbrook)
- Provide incentives for energy efficient vehicles, bikes and walking
- Provide electric vehicle charging stations
- Promote expansion of existing mass transit
- Encourage bike rental downtown and at the Train station (Such as B-cycle)
- Expand use of the Chicago Botanic Gardens Shuttle Bus
- Provide bike racks downtown and at public buildings
- Contract with the Active Transportation Alliance to create a bike / pedestrian plan
- Allow golf carts to be used for local transportation
- Establish a local electric shuttle bus
- Establish child-safe walking and biking routes to school, parks and other destinations
- Reduce vehicle engine idling in pick-up zones at schools
- Improve facilities and connectivity for walking and biking throughout the Village
- Provide more safe crossings over/under Green Bay Road & RR tracks to improve safety
- Encourage a walking and biking culture
- Pursue Federal / State Government funding for transportation improvements

Solid Waste Management

(Moderated by Sustainability Working Group member Laurie Morse)

-- Too much waste from plastic water bottles in a town with award-winning drinking water

- Glencoe needs more and better public drinking fountains, especially on the popular ball playing fields (baseball, basketball, soccer, football, tennis courts).

- Current fountains are not designed to accommodate refillable water bottles. Need to retrofit older fountains with new fixtures with tall spouts that bottles can fit under.
- Existing fountains with low spouts not only do not accommodate refillable bottles – they have an “ick” factor. Much mention of how dogs drink from the existing fountains. Suggestion that new retrofits not have mouth dispenser – design for container refill.

--Glencoe does not have an Ordinance requiring deconstruction or recycling of debris that results from construction, remodeling or demolition. Most construction and demolition debris in Illinois ends up in a landfill.

- Amend municipal code with ordinances that give priority to deconstruction, rather than demolition. Create ordinance that requires recycling of a high proportion of construction debris.
- Require compliance as part of the building permit process
- Monitor compliance
- Provide information on costs/benefits of deconstruction
 - In public forums, on the Village Web site, in materials given to construction contractors
 - To permit applicants
- Publicize construction reuse stores so people are aware of where to donate building material, and where reusable materials can be purchased.

--Glencoe’s garbage cans are bigger than its recycling cans

- Glencoe’s recycling containers are not large enough.
- There are no recycling containers in the Glencoe downtown area.
- Glencoe doesn’t require a recycling plan for special events like fun runs, July 4th celebrations, etc.
- Residents attending the Sustainability Conversation would like to encourage more materials recovery in Glencoe.

--Lots of good, serviceable items are put on the curb during Spring Clean-up curbside collection.

- Many out of town scavengers retrieve items, but large volumes still go to the landfill.
- Electronic items, which are banned from the landfill, also end up on the curb.
- Organize a village-wide garage sale the weekend prior to Spring Clean-up.
- Coordinate with an electronics collection event in town.
- Publicize permanent electronics collection boxes in Village Hall and in Winnetka.
- Seek a non-profit group to organize
- Residents with serviceable items who don’t want to hold their own garage sale could donate (and have a free pick up) to a central community sale in the downtown area (staffed by the non-profit organizing group).

-- Residential and large facility (schools, restaurants, coffee shops, grocery store) food scraps and organics are not composted (except for West School), and go to the landfill.

- If recovered and composted, they could be used on farms and in gardens.

- Create a regional infrastructure for commercial food scraps and organics composting.
- Encourage back yard composting and vermiculture in Glencoe.
- Recommend compost bins that are a success at West School (solar cones).
- Ask the Glencoe Park District to run a class or one-time presentation on worm composting (vermiculture).
- Ask SWANCC to have a spring compost pick-up day at the Glenview Transfer Station, as SWALCO does in Libertyville, so people can close the loop between the food they eat and their back yard gardens.
- Organics are the heaviest and therefore most expensive part of the Glencoe waste stream, which is billed by the ton. Removing organics from the landfill stream would save the Village money.
- Compost is good for dirt, and good dirt is central to sustainable food supply
- Composting organics is an important step toward zero landfill

Open Space

(Moderated by Park Board member/Sustainability Working Group member Andre Lerman)

-- The village should do something about the bluffs at the top of the street end beaches, similar to the mini park at the end of Park and Hazel Avenues.

--Each Park should have its own identity and purpose. The Park District should articulate a mission statement for each park.

- There should be a visual identity component, including use of ornamental grasses, walking paths, botanic mission (i.e. type of tree or plant theme -- magnolias, day lilies, etc.) including use of native plants
- Some parks should have a teaching element, with small signs next to selected botanic or other features.
- There could be a sculpture park
- There could be a “wildlife park”
- Community Garden
- There should be an adopt-a-park program, with an active donor component
- Need to distinguish between open space purpose and active use purpose.
- There should be a pathway to a feature in the park.

--The Park Dist should schedule regular Park Tours, or an annual day in the spring for tours.

- The Park District should coordinate neighborhood block parties in local parks
- The Park District should work with District 35 and/or the Boy Scouts to adopt a park for a day.

--The playground redesign process needs to be more transparent and involve the relevant community, either neighborhood, demographic, or other interest group.

- More community input
- Natural or organic feature
- Integrate design with the neighborhood

--The Park District and Village should jointly plan for greenways on both sides of Green Bay Road, and in other locations like Watts Park.

- Also consider use of ravine bridges as part of greenway program

--There should be an integrated Park District and Village Plan for the Green Bay Trail and an integrated greenways plan.

- A bridge over Hazel Ave?
- Connect the GB Trail with the trail along Highway 41.
- Green Bay Trail bike signage on Old Green Bay Rd.
- Other bike routes for safe routes to schools.
- Winding paths in parks along train route.

--There should be joint planning with the Park District, Village and District 35 to plan "safe routes to school".

--There needs to be an integrated open space planning process between the Park District and the Village.

---There needs to be a plan for increased winter appeal for Parks and Open Spaces

- Golf Course winter use could include Nordic ski track. Open the clubhouse on selected weekends.
- Need a strategy for the "Little House"

--Should have a coordinated effort between the Village and Park District to approach the Forest Preserve District to consider use of Turnbull Woods as a Dog Park.

--The Park District has a program to eradicate Buckthorn. Why not the Village?

- Need to educate the community on the importance of this.
- Need to then replace the green buffer between the Parks and private homes
- Can the Park District have some sort of cost sharing to plant replacement trees where parks are adjacent to private homes, similar to the Village parkway tree program?

--Village should revisit its open space plan

- Inventory all open space including right-of-way, street end beaches, overlooks
- Integrate with Park District inventory of open space parks.
- Use of land swaps an option?
- What are the options for a possible future sale of the Hoover Estate?
- Are there other, better uses for Forest Preserve land? Can the Village get the Forest Preserve District to swap the tract at Green Bay and Westley? Is there some joint open space planning with the Botanic Garden?
- What is the cell tower policy?

--Is there a plan to address the water runoff issues related to drain water in the ravines?

- Is there an ordinance to protect the lake and the ravines by limiting construction and machinery on bluff and ravine slope faces?

**Glencoe Sustainability Working Group
Top 10 Ranking of Ideas from March 10, 2012 Public Outreach Event**

Suggestion	Topic	Ranking
Code Changes (steep slope ordinance)	Green Design/Construction	7
Village to Offer Energy	Renewable/Conventional Energy	7
Integrated Open Space Plan-Village, Park District, Schools, etc.	Open Space	7
Restart/Revisit Downtown Planning	Land Use	6
Village Plan to Eradicate Buckthorn, Invasive Species	Open Space	6
Recycle, Reuse Materials/Components	Green Design/Construction	5
Solar Panels	Renewable/Conventional Energy	4
Education - Classes @ Schools, Other - Energy Saving Tips	Green Construction/Design	4
Encourage Walking-School, etc.	Transportation	4
Reduce Plastic Bottle Use	Solid Waste	4

Note:

The above table reflects the votes of SWG members and staff liaison Nathan Parch given to prioritize the suggestions and comments received from the 30+ attendees at the March 10th Community Outreach Event held at the Takiff Center. The process began as an exercise led by Hall Healy at the July 18, 2012 SWG meeting. The suggestions for each of the five small group topics - Renewable Energy; Green Building Design and Construction; Transportation and Land Use; Solid Waste Management; and Open Space – were listed on large posters that Mr. Healy placed around the room. SWG members were given ten (10) green dots and instructed to stick them next to those suggestions they felt were priorities. Each green dot was weighted as one vote. The ranking process continued during the August 27th and September 19th meetings in order to allow those SWG members who had not yet participated an opportunity to contribute. Following the September 19th meeting, the top-ranked suggestions of SWG members were summarized in descending order in the above table.

Glencoe looks to get greener

BY CHARLES BERMAN
cberman@phoenicelect.com

Glencoe residents Barry and Natalie Slotnick were the perfect contributors to the village's Green Goals for Glencoe brainstorming session Saturday at the Takliff Center.

The Glencoe couple built the North Shore's first and states fifth Leadership in Energy and Environmental Design Platinum home at Washington and Vernon avenues last year. The house features recycled and local building materials, captures natural light and boasts energy-efficient insulation, windows, appliances, ventilation and plumbing.

The Slotnicks experience and expertise was on full display when they joined one of the village's small work groups tasked with discussing ways to encourage green design and construction in Glencoe.

"Our home has a simple design that fits with the character of the neighborhood," Natalie Slotnick said. "Others can easily incorporate many of these green features."

The Slotnicks have promoted their home as a re-

gional model and have hosted several public tours aimed at inspiring neighbors to follow suit, but Barry hopes the village will do more.

He suggested the village offer attractive incentives or permit rebates for those who incorporate green building features.

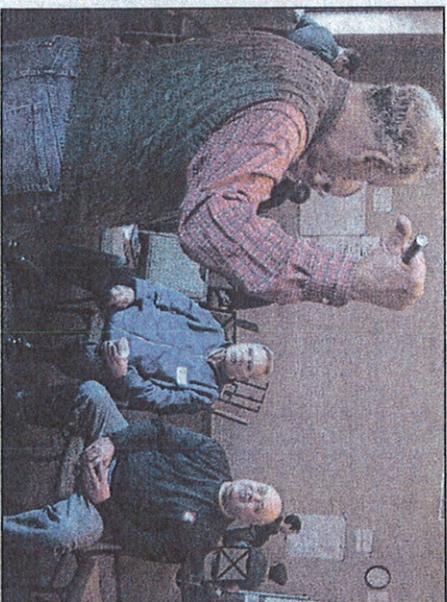
"This is a great first step," Barry Slotnick said. "There are a lot of opportunities here and there have been many great ideas discussed today."

Similar to the way community's show off their Frank Lloyd Wright designed homes, Glencoe resident Paul Krieger added that the village should aggressively promote the Slotnick house.

"To me, it's the poster child that we can all point to," he said. "It's an example of a well-designed house that meets our vision."

About two-dozen other residents circled the Community Room to sit in on brainstorming sessions that also tackled waste management, energy, open space, and transportation and land use.

At the energy roundtable, residents encouraged the village to seek renewable sources of energy in its



Larry Johnson (center), Mark Rice (right) discuss ways to improve Glencoe's energy use during the village's Green Goals for Glencoe brainstorming seminar on March 10. Russ Dashlow (left) facilitated the session. | PHOTOS BY CHARLES BERMAN-SUN-TIMES MEDIA

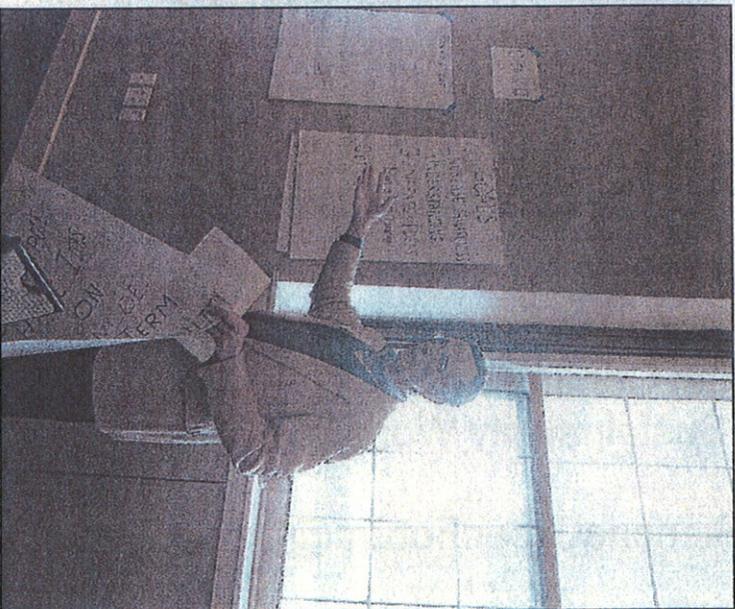
upcoming bid for a North Shore electric supplier. They also supported car charging stations, residential energy audits, clean vehicle fleets, mini windmill towers and conservation education.

The waste management group focused its attention on growing the local recycling program. Proposals included a food scrap composting initiative, a permanent electronic drop off site and Spring Cleaning program

that diverts used items from landfills.

Dudley Onderdonk facilitated the transportation and land use discussion. Nothing that one-third of all energy use is related to transportation, Onderdonk recommended a series of local initiatives to promote walking, biking and mass transit around a renewed downtown master plan.

The Sustainability Working Group moderated all the



Hall Healy facilitates a brainstorming session during the village's Green Goals for Glencoe environmental seminar on March 10 at the Takliff Center.

discussions and will provide a report to the Plan Commission and Board of Trustees on its findings and recommendations.

In addition to Saturday's public discussion, the task force was assigned to create a sustainability resources website, implement pilot projects

and review the village's code to incorporate green policies.

"You have the ideas to make Glencoe sustainable," said Hall Healy, a member of the Sustainability Working Group.

For more information, contact glencoe@greenforum.com or glencoe@greenforum.comcast.net.

JOIN GLENCOE'S SUSTAINABILITY CONVERSATION SATURDAY, MARCH 10th

How can we better manage
our energy use;
building design; green spaces;
transportation; and
natural resources?
Come to the March 10
Sustainability Forum.

Engage the future!



The Village wants your help setting green goals for Glencoe

What: A brainstorming session to create green goals for Glencoe

When: Saturday, March 10, 2012 from 9 a.m to noon.

Where: The Park District Takiff Center, 999 Green Bay Road, Glencoe

Who: Everyone is invited. All ages. Bring your ideas!

Why: What we choose to do today will make a difference tomorrow.

In the spirit of the day, please consider biking or walking

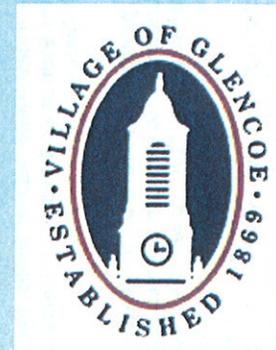
Sponsors:

Village of Glencoe

Glencoe Plan Commission

Glencoe's Sustainability Working Group

Contact: GlencoeGreenForum@Comcast.net



COMMUNITY NEWS

THE CHAMBER REPORT

During the winter and early spring, the Chamber Board plans and organizes a number of events that will occur in the summer and begins preparation for the Glencoe Community Guide.

The 2012 Guide will be delivered to residents in May. Residents will want to keep a copy on hand throughout the year; it contains a wealth of information about Glencoe businesses, organizations and Village services - all in one convenient place.

Mark your calendar for events returning this summer: The Farmers Market will begin on Saturdays in June and run through October; the Sidewalk Sale will be held in downtown Glencoe on Friday, June 29 and Saturday, June 30; the Children's Carnival will be held on Wednesday, July 4 at the Village Court parking lot, and the Festival of Arts will be held Saturday, August 4 and Sunday August 5.

As we get closer to the dates, additional information about these events will be available on the Chamber website, www.glencoechamber.org, posters around town and ads in local publications.

YOU'RE INVITED TO ATTEND "GREEN GOALS FOR GLENCOE"

The Village of Glencoe's Sustainability Working Group invites residents to participate in a discussion session aimed at setting "Green" goals for Glencoe. The Working Group created the event, the first of its kind in Glencoe, to solicit community involvement in natural resources and sustainability planning. Topics to be addressed are: energy, transportation, clean air and water, green design and construction, land use and open space, and waste. The sustainability priorities identified at the event will be summarized and delivered to Glencoe's Plan Commission and Board of Trustees.

- What:** Brainstorming session to create green goals for Glencoe
When: Saturday, March 10 from 9:00 a.m. to 12:00 p.m.
Where: Takiff Center Community Room, 999 Green Bay Rd.
Who: Everyone is invited. All ages welcome. Please bring your ideas!
Why: What we choose to do today will make a difference tomorrow.

For more information, please contact GlencoeGreenForum@Comcast.net. Additional event information is available on the Village's website.



SPRING CLEAN-UP

Mark the dates!

The Village will again offer the one-day 'Spring Clean Up' service in early May to provide an opportunity to dispose of items that are generally not picked up as part of the normal garbage collection service.

The dates for this year's Spring Clean-Up are:

- Monday and/or Thursday Garbage Collection
• Spring Cleanup on Wednesday, May 2, 2012
- Tuesday and/or Friday Garbage Collection
• Spring Cleanup on Wednesday, May 9, 2012

Look for more information about this popular Village service, and the permitted list of materials you may dispose of on the Village website. For more information, please call the Public Works Department at (847) 835-4111.

HELPING GLENCOE SENIORS IN NEED

Since 1982, the Committee for Senior Housing Aid in Glencoe has been providing annual grants to Glencoe seniors who meet the program's asset and income criteria to help them pay their property taxes or monthly rent. These grants enable economically disadvantaged Glencoe seniors to continue to participate in and enrich the life of the community where many have spent a significant portion of their lives.

Family Service of Glencoe has enabled the Committee to carry on this work by providing a variety of services including confidential screening of the applications, including a home visit interview with each applicant, bookkeeping and clerical services, and assistance in grant writing and fundraising campaigns. Family Service has been able to provide these services free of charge as part of their efforts of outreach and community stewardship. The grant recipients benefit not only from the financial assistance, but also from the personal, one-on-one relationship with an experienced social worker who is able to assess needs, provide counseling and make referrals for other services as indicated.

This unique and vital program has been made possible through a small annual grant from the Village of Glencoe and the generosity of Glencoe citizens who value this opportunity to enrich the tax-deductible contributions critically important at this time to help the Committee continue this important work. Contributions may be sent to: The Committee for Senior Housing Assistance in Glencoe, c/o Family Services of Glencoe, 675 Village Court, Glencoe, Illinois 60022. For more information, contact Paul Wachowiak, LCSW at (847) 835-5111.

PRESS RELEASE

February 13, 2012

Village of Glencoe

Contact: Nathan Parch

(nathanp@villageofglencoe.org/847-835-4111)

(Please call Nathan to arrange an interview with Mr. Eckenhoff)

MARCH 10 EVENT WILL IDENTIFY GREEN GOALS FOR GLENCOE

The Village of Glencoe's Sustainability Working Group invites residents to participate in a March 10th discussion session aimed at setting "Green" goals for Glencoe. The forum will be held at the Takiff Center, 999 Green Bay Road, from 9 am to noon.

The Working Group, chaired by Walter Eckenhoff, a Glencoe resident and co-founder of Eckenhoff Saunders Architects, Inc, has created the event, the first of its kind in Glencoe, to solicit community involvement in natural resources and sustainability planning. The forum will address the topics of energy; transportation; clean air and water; green design and construction; land use and open space; and waste. Facilitators will be open to other sustainability topics suggested by participants.

The sustainability priorities identified at the March 10 meeting will be summarized and delivered to Glencoe's Plan Commission and Board of Trustees.

The event is free and open to the public of all ages.

In June 2011, the Village Manager formed the Sustainability Working Group to assist staff, the Plan Commission, and Village Board in advancing sustainability initiatives in the community. Since that time the Working Group has created a "sustainability" section on the Glencoe Village web site - <http://www.villageofglencoe.org/about/sustainability/default.aspx> - and is in the process of reviewing Glencoe's Municipal Code for sustainable practices and developing a pilot project that educates and encourages residents to undertake sustainable measures.

In addition to prioritizing potential green initiatives, the Working Group plans to use the March 10 event to gauge community interest in sustainability, and to build a foundation for a "Green" citizens group in the Village.

The Sustainability Forum is sponsored by the Village of Glencoe, the Glencoe Plan Commission and the Sustainability Working Group.

END

LocalNews

PIONEERLOCAL.COM | THURSDAY, FEBRUARY 16, 2012 | 5

Managing Editor: **Liza Roche**
847-486-6842 | lroche@pioneerlocal.com

Help identify green goals for Glencoe

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The Sustainability Forum is sponsored by the Village of Glencoe, the Glencoe Plan Commission and the Sustainability Working Group.

Advertisement:



March 10th event will identify GREEN goals for Glencoe



By Nathan Parch Feb. 16 at 4:36 p.m.

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Winnetka-GlencoePatch



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Government

Village Group Sets Date for Green Community Forum

Glencoe's green spaces and energy use are up for discussion March 10.

By [Matt Klinkert](#) | [Email the author](#) | February 8, 2012

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Related Topics: [Environmental Sustainability](#), [Green C](#)
[The Sustainability Working Group](#)

What steps can the village take to make Glencoe a greener



The future looks greener than ever in Glencoe.

The village is hosting a public forum on March 10 at 9 a.m. at the [Takiff Center](#) to brainstorm environment

The Sustainability Working Group, whose members volunteer their time to deliberate on environmental con
their regular meeting.

Related: Glencoe Goes Green!

During the March meeting, facilitators, comprised of members from the group, will listen and note any ideas on energy consumption and building design, amongst other eco-friendly infrastructure proposals.

Moreover, group members have backgrounds in education, architecture, environmental design and more, and their expertise will be put to use.

"I think this is the first community wide event that has been planned," said Walt Eckenhoff, chair of the group, "and it's [however] for quite some time."

Though the group is informal and mostly provides input to the plan commission and village board, they're serious about spreading awareness around town.

And to get the ball rolling, Eckenhoff said, they've set up a [webpage](#), started auditing the village's ordinance for sustainability," and focused on creating a pilot project, which should begin to take shape following the upcoming election.

"What we're trying to do is leverage interest toward sustainability," he said. "A lot of this begins with kids."

What children learn in school, he said, their parents often hear about from them at the dinner table. Likewise, the group is circulating information about environmental initiatives.

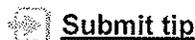
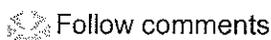
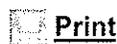
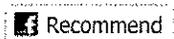
"They're an important part of the population we have to appeal to," he said. "They're inheriting the environment, so we have to make sure they're getting the best possible start."

The public forum is free but parking is limited. For more information, check out the village's website at [www.villageofglencoe.com](#) 835-4111.

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SECTION 3: PILOT PROJECT

FINAL REPORT & RECOMMENDATIONS TO THE
PLAN COMMISSION

Sustainability Working Group: Pilot Project Summary

The Sustainability Working Group ("SWG") proposes to host an event intended to both raise funds and awareness for a local volunteer organization, Friends of the Green Bay Trail. Led by Glencoe resident, Betsy Leibson, Friends of the Green Bay Trail is dedicated to the eradication of European buckthorn and other invasive species along a ¾-of a mile section of the Green Bay Trail between Harbor Street and the Scott Street overpass. (A description of the Green Bay Trail is below.) In addition to cutting the buckthorn and treating the roots with herbicide, Ms. Leibson, along with over 55 volunteers, nine businesses and six educational organizations, has planted new native grasses and wildflowers grown from seeds in local commercial greenhouses.

What is Buckthorn?

Buckthorn is a shrub with elliptical, toothed leaves and sharp spines; it creates dense thickets that crowd native vegetation. Buckthorn was introduced in North America from Europe and Asia in the early-1800s. It is a tough, durable tree for certain areas where few other trees will survive. Buckthorn spreads quickly thanks to its black fruits that are dispersed by birds into open lands and woodlands. Along with garlic mustard, purple loosestrife, and Japanese and bush honeysuckles, the Illinois Department of Natural Resources has recognized buckthorn as an "invasive plant".

Invasive Plants

An invasive plant has the ability to thrive and spread aggressively outside its natural range. A naturally aggressive plant may be especially invasive when it is introduced to a new habitat. An invasive species that colonizes a new area may gain an ecological edge since the insects, diseases, and foraging animals that naturally keep its growth in check in its native range are not present in its new habitat.

Some invasive plants are worse than others. Many invasive plants continue to be admired by gardeners who may not be aware of their weedy nature. Others are recognized as weeds but property owners fail to do their part in preventing their spread. Some do not even become invasive until they are neglected for a long time. Invasive plants are not all equally invasive. Some only colonize small areas and do not do so aggressively. Others may spread and come to dominate large areas in just a few years. Below are some categories to illustrate degree of invasiveness.

Invasive species damage the lands and waters that native plants and animals need to survive. They hurt economies and threaten human well-being. The estimated damage from invasive species worldwide totals more than \$1.4 trillion – five percent of the global economy.

Why is controlling the growth of Invasive Species a Sustainable Practice?

Specifically, buckthorn's elimination in certain contained areas is consistent with sustainable practices because it:

- out-competes native plants for nutrients, light, and moisture replacing native vegetation;
- degrades wildlife habitat;
- threatens the future of forests, wetlands, and other natural habitats;
- contributes to erosion by shading out plants that grow on the forest floor;

- forms an impenetrable layer of vegetation;
- causes long-term decline of a forest by preventing the growth of native tree seedlings;
- creates messy berries that attract birds, stain sidewalks and driveways; and
- lacks 'natural controls' like insects or disease that would curb its growth.

How can the SWG support Invasive Plant Control in Glencoe?

The SWG would like to support the sustainability efforts of this local organization by:

1. hosting a dinner to raise funds to cover the expense of planting native trees and shrubs to replace the screening lost by the removal of the buckthorn;
2. raising community awareness of the landscape detriments of buckthorn and other non-native, invasive species; and
3. endorsing the adoption of a buckthorn removal policy by the Village, Park District and School District.

The Green Bay Trail

The 9-mile Green Bay Trail runs parallel to Chicago's Metra commuter rail line north of the Chicago city limits. Stretching through North Shore towns such as Kenilworth, Winnetka, Highland Park and Lake Bluff, the corridor is flanked by restaurants, shops, community parks and beautiful homes. Because the trail stays generally within a mile of Lake Michigan, you can take any number of on-road side trips for beachfront views of the lake.

The Green Bay Trail runs along the east side of Chicago's Metra Union Pacific North line (UP-N commuter rail) almost entirely along the route of the former Chicago, North Shore & Milwaukee (CNS&M) interurban electric railroad, from Greenleaf Avenue in downtown Wilmette to the junction of Saint Johns Avenue & Sheridan Road at the southern edge of downtown Highland Park. Here it turns into the Robert McClory Bike Path.

The trail is suitable for even the youngest of riders, although the route does use some sidewalks and even a very small portion of residential road in Kenilworth. In addition, the surface alternates between asphalt and crushed limestone. Inexperienced cyclists and those with young children should use particular caution at road crossings and with any road riding.

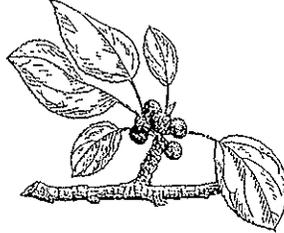
This is a true multi-purpose trail. Commuters take the trail to train stations along the way, bikes are allowed on the Metra in limited numbers; children under 16 must be accompanied by an adult when bringing a bicycle, and residents and tourists alike use the trail for exercise and car-free travel between communities.

Nearing Highland Park you may find people flocking to Ravinia, one of Chicagoland's best music venues. An open-air, covered pavilion is used for symphony concerts, dance and pop concerts, while smaller indoor theaters showcase chamber music performances and dance recitals.

By the time you reach the St. John's Avenue trailhead, and northern end of the trail, you will appreciate the many restrooms, public telephones, playgrounds and parks afforded by the proximity of the commuter line. Another bonus of the adjacent rail line: if you are tired after your one-way trip, just hop a Metra train for the return trip.

The Village of Glencoe
Sustainability Working Group
Invites you to join us for

GLENCOE'S BUCKTHORN BARBECUE



Benefitting the Restoration Efforts of
Betsy Leibson and Friends of the Green Bay Trail

Cocktails, Dinner & Presentations by
Betsy Leibson, Friends of the Green Bay Trail
Charlotte Adelman, author, The Midwestern Native Garden
Dr. Robert J. Kirschner, Chicago Botanic Garden
Stella Nanos, General Manager, Glencoe Golf Club

Thursday, October 18, 2012
7:00 p.m. – 9:00 p.m.
Glencoe Golf Club, 621 Westley Road, Glencoe
Casual Attire

Ticket Required - \$75/person
Payable by check only to "Village of Glencoe"
Send check to Village Hall - 675 Village Court
Please RSVP to Nathan Parch by Friday October 12
nathanp@villageofglencoe.org 847-835-4111

FOR MORE INFORMATION PLEASE VISIT:
www.villageofglencoe.org/about/sustainability/news_events.aspx
<http://www.youtube.com/watch?v=-cpzdajydg8>



Office of the Village Manager
Village of Glencoe
675 Village Court
Glencoe, Illinois 60022

Phone 847.835.4114
FAX 847.835.1785
www.villageofglencoe.org

FOR IMMEDIATE RELEASE

October 8, 2012

Contact: Nathan Parch, Community Development Analyst
847-461-1118 (Direct)

Sustainability Group to Host October 18 Benefit Event for Friends of the Green Bay Trail Organization

Glencoe, IL – The Village of Glencoe Sustainability Working Group (“SWG”) is hosting a benefit event on Thursday, October 18th from 7:00 p.m. to 9:00 p.m. at the Glencoe Golf Club, 621 Westley Road, to raise funds and awareness for local volunteer organization, Friends of the Green Bay Trail. Tickets are \$75.00 per person and include cocktails, dinner, and presentations by Charlotte Adelman, author of The Midwestern Native Garden, and Robert Kirschner, Director of Restoration Ecology at the Chicago Botanic Garden. Tickets must be purchased in advance with checks made payable to “Village of Glencoe”. Please contact Nathan Parch at Village Hall to RSVP and purchase tickets – (847) 461-1118.

The Friends of the Green Bay Trail, led by Glencoe resident Betsy Leibson, is dedicated to the eradication of European buckthorn and other invasive species along a ¾-of a mile section of the Green Bay Trail between Harbor Street and the Scott Street overpass. In addition to cutting the buckthorn along the trail and treating the roots with herbicide, Ms. Leibson, along with a team of volunteers, businesses, and educational organizations, is working toward replanting the area with new native grasses and wildflowers. Funds raised at the Buckthorn Barbeque will be used to purchase additional native plantings for the Green Bay Trail.

Buckthorn is a shrub first introduced in North America from Europe and Asia in the early-1800s. Its elliptical, toothed leaves and sharp spines create dense thickets that spread quickly due to its

black fruits that are dispersed by birds into open lands and woodlands. Along with garlic mustard, purple loosestrife, and Japanese and bush honeysuckles, the Illinois Department of Natural Resources has recognized buckthorn as an “invasive plant”. An invasive plant has the ability to thrive and spread aggressively outside its natural range, damaging the lands and waters that native plants and animals need to survive.

The Sustainability Working Group supports the removal of buckthorn as a sustainable practice because it:

- Out-competes native plants for nutrients, light, and moisture replacing native vegetation;
- Degrades wildlife habitat;
- Threatens the future of forests, wetlands, and other natural habitats;
- Contributes to erosion by shading out plants that grow on the forest floor;
- Forms an impenetrable layer of vegetation;
- Causes long-term decline of a forest by preventing the growth of native tree seedlings;
- Creates messy berries that attract birds, stain sidewalks and driveways; and
- Lacks 'natural controls' like insects or disease that would curb its growth.

For further information regarding this event please contact Nathan Parch at Village Hall at (847) 461-1118 / nathanp@villageofglencoe.org.

###

SECTION 4: CODE AUDIT

FINAL REPORT & RECOMMENDATIONS TO THE
PLAN COMMISSION

Glencoe Sustainability Working Group (SWG)

Village Code audit general comments

October, 2012

Glencoe is a community with a long history and a village code which is fairly typical of an affluent, historic, and transit oriented commuter suburb. Its ordinances have special enhancements to meet community needs and desires, such as tree preservation and historic preservation which contribute to the high quality of life in Glencoe. Although various sections of the village code do a good job addressing green building practices, the code was developed before sustainability emerged as a major issue. We recommend the Village support a lower impact, sustainable environment and that the code be amended through a process of continual improvement.

There are not many code barriers to voluntary sustainable building practices that take place inside the building's zoning envelope or on the lot. From a regulation standpoint, it is not too difficult to build a state of the art sustainable structure in the Village. The LEED Platinum home on Washington Avenue only required a minor zoning variation, however, the Village's building and development codes, which set minimum standards, do not require best current practices.

The village needs to decide what kind of community it wants to be and the role it wants to play in sustainability. Does it want to meet minimum Federal and State standards? Would matching the current practices of neighboring communities be acceptable? Or does the village want to raise the bar to reflect best practices? Perhaps the answer is a mix of all three.

In evaluating the code, the SWG identified some barriers to sustainability as well as beneficial practices that promote sustainability. Some barriers can be removed and flexibility can provide an alternative means of meeting a requirement. Actions taken now can save money, improve public health, advance the local economy, and maintain community character. Other actions will require a longer-term effort for community analysis and approval.

It is recommended that the Village first take sustainable actions that can be implemented now to take advantage of easily incorporated sustainability concepts - "low hanging fruit." Many of these actions are attached as specific revisions, additions, and comments to Chapters 1-38 of the Village Code. These are by no means exhaustive and will require review by staff, Plan Commission, and Village Board. A summary of possible items is also listed at the end of this report for further consideration. This audit is merely a start to help focus our efforts and establish progress.

REVISIONS, ADDITIONS, COMMENTS

Chapter 9: Buildings and Construction

TOC:	Add	new Section 9-18A	Adoption of energy Code: 2012 IECC
TOC:	Add	New Section 9-18.7	Renewable energy systems.
TOC:	Add	9-18.8	Adoption of CMAP water use conservation ordinance 2011.
TOC:	Add	9-18.9	Adoption of international Property maintenance code. 2012
TOC:	Add	9-18-10	Adoption of International green construction code. 2012
TOC:	Add	9-18.11	Adoption of international existing building code 2012.
TOC:	Add	9-18-12	Adoption of steep slopes ordinance.
9-15	Fees and Charges Add (q):		The cost of any renewable energy system as defined in 9-18-7 shall be deducted from the overall construction cost of which the permit fee is based.
9-18	Add IECC 2012 Edition		
9-18a	Update National electrical Code from 2002.		
9-18b	Update International Mechanical code from 2003.		
9-18c	Update International plumbing code and check relationships to new state plumbing code.		
9-18.3	Update (and lower) flow rates for all plumbing fixtures.		
9-18.7	Create new section regarding definition and requirements for renewable energy systems.		
9-45	Garage Drainage:		Review conflicts with plumbing code. In general, garage drains not permitted.

- Article XII Storm water runoff restriction.
Does this article meet Federal NPDES Requirement?
- 9-83 (2) Does the Village Engineering and Specifications Manual need to be updated to reflect County, State and Federal requirements.
- 9-83 (b) (2) A Review overall c-factor limits on lot area to reduce allowable impervious Lot area.

CHAPTER 12: Dry Cleaners and Laundries

- TOC: Add new section 12.9 Disposal of dry cleaning agents.
- TOC: Add new section 12.17 Disposal of cleaning agents.

Chapter 15: Filling Stations and Public Garages

- TOC: Add new section 15-21 Provision of stalls for electric power vehicle recharging.
- 15-18 smoking Add “ or filling station” to end of sentence.

Chapter 20: Garbage, Rubbish and Weeds

- TOC:
- 20-17A Add new section: Construction Recycling, covering material reuse, recycle content, deconstruction etc.
- 20-1 Better definition of “weeds” to allow unmowed, uncultivated grasses higher than 8 inches, and acceptable native landscaping.
- 20-4 Add special event recycling as requirement to special event permit application process.
- 20-7 Update species prohibitions with input from Chicago Botanic Garden.
- 20-14 (a) Expand voluntary recycling program to commercial properties
- 20-14 (b) Publish the list of materials qualifying as recyclable commodities.
- 20-18 New section on scope and extent of mandatory construction recycling and deconstruction options.

20-27 - (7) Add new section: Waste System fund to be used for recycling or sustainable initiatives.

Chapter 21 Health and Sanitation

21-17 (b) All human excrement shall be disposed in the public sanitary sewer. Exceptions shall not be permitted.

21-20 Ponds, cisterns and rain gardens should be exempted from mosquito breeding collections of water.

21-21 (a) Water Treatment of ponds, cisterns and rain gardens shall be in accord with Village recommendations to limit mosquito breeding.

Chapter 21A Sewer use and user charge.

21 A-1 Definitions: Population equivalent: What is source for population equivalent of 130 gallons of sewage per day in determining impacts of industrial users on treatment system?

21 A-1 Definition of "garbage" should exclude composting.

21A-1 Definitions: Waste water should include definition of "gray water" for potential reuse under certain conditions.

21A-5 Delete reference to allowance for private sanitary treatment
21A-10 if public sewer is more than 400 feet distant.

21A-39 Eliminate article: There should be no exceptions for industrial waste of unusual strength or character.

Chapter 22: Licenses and Permits Generally

22-26 (m) (8) Add new clause - "Vehicles shall not idle if unoccupied or for long periods of time".

22-38 Yard chemicals: Define "restricted yard chemical".

Chapter 23: Motor Vehicles and Traffic

23-12 Use of "roller blades" on smaller streets should be allowed.

23-15 (a) Bicycles are not defined as vehicles as they are human powered. Article should be corrected per current definition of "vehicle" in ordinance.

- 23-15 (c) Bicycles shall be given the right of way on streets within the Village, and the Village is required to establish bike lanes on select streets.
- 23-17 Eliminate article requiring bicycles to have audible warning devices. The vast majority has none.
- 23-21 Arm signals should not be required of bicyclists under conditions requiring immediate action.
- 23-22 Bicyclists shall operate at right hand side of road and at edge only if bike lane exists or condition of pavement is not dangerous.
- 23-31 Impounding of bicycles should only occur after multiple violations. This is excessive punishment and discourages people from bike riding.
- 23-32 through 44 Eliminate articles requiring registration of bicycles. It can only act as disincentive for their use.
- 23-51-1 (a) Entry upon street ends. Not clearly understood, needs better wording. Hazel Street end is used by pedestrians to walk down road to beach.
- 23-54 Add new Section: It shall be unlawful to operate any vehicle which is emitting excessive, visible exhaust pollution.

Chapter 25A Planning

- 25A-5 Comprehensive Plan for Glencoe to be reviewed by Plan Commission every 5 years at a minimum.
- 25A-6 Zoning shall be consistent with comprehensive plan.

Chapter 26A Historic Preservation

- 26A-3 Definitions Design guidelines should be articulated with respect to energy efficiency.
- 26A-12 Add "energy efficiency" to list of information and assistance provided to person.

Chapter 30 Streets and Sidewalks

- TOC Article 1 Add sections on bike lanes, markings for cyclists and safe routes to school.
- TOC Article 2 Section 30-14: include permeable pavement and storm bioretention.

- 30-7 Public Display of Merchandise
Add "unless approved by Village Manager".
- 30-9 Playing games
Add "unless approved by Village Manager".
- 30-12 Add permeable paving to specifications.
- 30-19 (b) Add the following "Additional driveways (over 1) shall only be approved
30-20 if required for public safety and does not require removal of trees".
- 30-22 Consider changing driveway material requirements to permeable
concrete, masonry or asphaltic material.
- 30-27 Add "trees" to protected items from injury from temporary driveways.
- 30-32 Add "tree protection" to tunneling bond.
- 30-33 Add "trees" to list of items not be disturbed.
- 30-38 Add "tree replacement " as directed by Village.
- 30-41 Add "trees shall not be removed if parking cutouts are approved."
- 30-50 Add permeable paving specifications to parking cut out specifications.
- 30-51 Eliminate allowance for one parking cutout per residence.
- 30-54 (a) Revise "wood" awning and sign frames to metal and 6' x 6" awning
height seems too low. Revise to 7'-6".
- (c) New Article: Consider solar shading capabilities of awning design.
- 30-55/56 Consider language allowing renewable energy equipment to be
exempted under certain conditions from definition of obstruction or
encroachment.
- 30-62 Delete entire section. Coal should not be allowed in Village as fuel
source. Landscape material should not be allowed to be deposited in
streets as it can clog sewers.

- 30-67 "Address" placement on residence needs to be enforced for public safety.
- 30-72 (b) (10) Add new article: "Landscape around utilities with approved native plant material.
- 30-77 (c) Add "protection of trees" and "limitations" to off- site impact", to agenda of preconstruction meeting for construction of utility facilities in public right of way.
- 30-84 (a) Add the following construction standards for utility improvements.
 (9) ITE complete streets.
 (10) ASCE Low impact development.
 (11) Envisions green APWA/ACEC Program.
 (12) EPA water management.
- 30-86 (a) (2) Add "nearby trees" to items of minimum interference and impact.
- 30-86 (d) Add "telecommunication wiring shall not be loose laid at grade to pose public safety hazards."
- 30-86 (e)(2) Add " with appropriate landscape material" to free standing facility.
- 30-86(c) Vegetation control by chemical spraying. Add, "utility must provide product data to director of public works prior to spraying."

Chapter 31: Subdivisions

- TOC. Article III Consider adding adoption of LEED ND to subdivision design standards and CDRC design standards as resource.
- 31-1-8 Not clear when/why variations are to be considered.
- 31-3-3(b)(6) Add new Section requiring bond and or escrow for 2 year duration to monitor longer term health of trees.
- 31-3.5 Add "Village shall have authority to require applicant to provide expert ecological consultant to prepare and attest to impact on ecology of the area."

 Add "lake bluff" to areas of disturbance.

- 31-3.7 Consider adding “bio-swales” to storm water system.
- 31-4-1 General requirements: Consider transportation impact fees for roads, traffic control, bike ways etc.
- 31-4-1 (a) (2) Add new section (E) for bike paths.

Chapter 34: Trees and Shrubs

- TOC: Article II Dutch Elm Disease
Consider adding Emerald Ash Beetle to this Article.
- 34-5 Prohibited Trees: Why are Poplar trees prohibited? And “kindred” trees need better definition.
- 34-25 (d) (1) Removal of any Heritage or Priority trees will require approval of Plan Commission prior to issuance of permit.
- 34-29 Penalty for Priority tree removal without permit. Increase fine to \$1500/tree. And each day such violation continues without compliance fine shall be \$1,000.

Chapter 36: Water

- 36-3 Stagnant pools of water: Add” Rain gardens, pools, and cisterns if properly installed shall be exempt”.
- 36-4 Definitions: Add “Rainwater Reuse”.
- 36-18 Water used during construction. Consider increasing deposits, and lower cubic contents of building.
- 36-18 (d) Consider graduated rate for water used for construction. The larger the building, the higher the rate.
- 36-23 Consider graduated rate for water used by consumers. The larger the building, the higher the rate.

Possible Items that could be addressed in Glencoe Village Code

Building Improvements adjacent to or in the building envelope

Allow Solar Collector encroachment

Allow wind power generators encroachment

Allow Window shades / Sun Control Devices encroachment

Exempt Extra wall insulation up to 8 inches, for floor area calculations

Allow Skylights, to encroach up to 8 inches

Control Power generator, location, efficiency, noise

Allow Geothermal locations off site

Require ADA universal home access

Other improvements on lot

Encourage rain gardens

Require permeable pavement

Limit % turf

Permit Electric vehicle charging stations

Encourage native landscaping

Require on site stormwater management

Require dry wells & bioswales on site

Preserve right to solar access?

Require dust mud tracking material storage control

Require and enforce and clearing and grading plans

Enforce erosion & sedimentation control

Protect mature trees

Off lot (Village) Engineering improvements on public land

(Note: Village should update standards to best engineering practices)

Bicycle related

Provide signs and stencil

Provide bike racks at destinations

Improve pavement markings

Improve road condition *and provide bike lanes.*

Create Bicycle Plan

Stormwater related

Provide Bioswales adjacent to streets and in parking lots

Require steep slope protection / riparian buffers

Require coastal & ravine setbacks

Improve management of detention retention ponds

Update Village Drainage plan Stormwater treatment

Pedestrian related

Improve crosswalk timers / beepers

Upgrade crosswalk markings and surfaces

Designate "safe routes to school"

Complete sidewalk network

Retrofit for ADA intersection curbing

Road related

Provide LED streetlights / stoplights

Reduce light pollution with better fixture control

Road diets / medians

Conduct speed safety studies as needed

Require permeable pavement

Upgrade RR crossing protection

Solid Waste

Expand recycling to events, parks, commercial retail and offices

Manage/require de-construction

Require construction materials management

Allow composting

Zoning in Support of Sustainability

Review Teska Report recommendations

Revisit Downtown Plan