

Glencoe Sustainability Task Force-Inventory of Village-Wide Sustainability Activities

The attached survey was conducted in May and June, 2016 of Glencoe-based organizations. Many thanks to the following organizations providing input for this inventory: Am Shalom, Church of Saint Elisabeth, Friends of the Green Bay Trail, Go Green Glencoe, Glencoe Park District, Glencoe Public Library, Glencoe School District 35, Village of Glencoe, Writers Theatre (abbreviations below)

Sustainable Activity	Agencies, Groups	Year Instituted, Installed	Current Status
Air Quality-Indoor			
Facilities use only low VOC, water-based latex paint-interior	GPD		
Radon testing, monitoring, exhausts in place	Church of St. Elisabeth (St E)		Active
Awards			
Golf Course designated as a <i>Certified Audubon Cooperative Sanctuary</i>	Village of Glencoe (VoG) (Golf Course)		Active
Annual <i>Tree City USA</i> designation since 1985	VoG	1985	Active
<i>Green Cleaning Platinum Status Award</i>	Glencoe School District 35 (GSD 35)	2015-2016	Active
<p><i>LEED Gold Theatre Building Certification, based on:</i></p> <ol style="list-style-type: none"> 1. Digital signage, self-guided audio tours to promote sustainable features 2. Approx. 3,800 SF of green roofing 3. Native landscape species, reducing need for irrigation 4. Low flow plumbing fixtures, reducing water use more than 31%-over 60,000 gallons/year 5. High efficiency HVAC, building equipment improves energy efficiency by nearly 20% 6. Non-theatrical building LED lighting 7. Diverted over 83% of demolition, construction waste from landfills 8. More than 11% of building materials have recycled content 9. More than 21% of building materials are regionally cultivated, manufactured within 500 miles 10. Reused materials from Woman’s Library Club building & site, including bricks, oak and elm trees for millwork 11. Reduced quantity of indoor air contaminants by specifying low VOC materials 	Writers Theatre Administrative Offices (WT)	2016	Active

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12. High level of lighting controls, including occupancy sensors, daylight controls			
13. High level of thermal comfort control			
14. Green cleaning program including recycling materials			
Awareness Building, Education			
Environmental e-newsletter	Go Green Glencoe (GGG)	2013	Nearly monthly
Web site	GGG	2013	Active
Environmental speaker, movie series-recycling, climate change, beach rights, bees, plastics, food	GGG, Glencoe Public Library (GPL)	2015, 2016	Active
Nature, environmental education included in all camps, early childhood programs	GPD		
Annual work for student education programs, review of waste reduction tasks	GSD 35, Solid Waste Agency of Northern Cook County (SWANCC)	2002	Active
Environmental awareness and climate impact topics covered through Next Generation Science Standards, units K-8	GSD 35	2014	Active
<ul style="list-style-type: none"> Community educational programming with key environmental, restoration entities featuring experts addressing various environmental issues (e.g. invasive plant species, wildlife habitat destruction, restoration, threatened wildlife species) Created butterfly hatchery demonstrating Monarch life cycle, habitat, migration 	Friends of the Green Bay Trail (FGBT)	2013	Active
Student environmental programming, outdoor experiences to develop environmental awareness, foster stewardship of home, community environments. (NTHS, Glencoe Schools trail work days, enhanced school curriculum). Approx. 150 students participated in 1 st 6 months of 2016	FGBT, New Trier High School (NTHS)	2013	Active, fall and spring
7 th Grade Day of Science & Service in partnership with Backyard Nature Center in Skokie Lagoons	Central School	2013	Active
6 th Grade Day of Science & Service in partnership with FGBT, Glencoe Community Gardens	Central School	2014	Active
Chemical Related			
Only environmentally friendly paints used to line athletic fields, ice rink	Glencoe Park District (GPD)		
Custodial Cleaning Products	GPD		

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<ul style="list-style-type: none"> • Purchased in concentrate form • Sourcing of “green” style products 			
<ul style="list-style-type: none"> • Playbills, other materials printed with soy ink • Soy ink used for brochures, newsletters 	WT GPD	2012	Active
<ul style="list-style-type: none"> • Testing bio-degradable equipment oil • Organic fertilizer used on course • Integrated Pest Management (IPM) used throughout facility 	VoG (Golf Course)		Active
Organic hand cleaners for mechanics	VoG		Active
Clean Up			
Clean swimming beach & community teaching opportunity	GGG, Alliance for the Great Lakes, GPD	2015, 2016	Annual
Codes/Ordinances			
Steep Slope Ordinance	VoG	2013	Active
Sprinkling Ordinance-specifies days, times residents can use automated sprinkling; required installation of EPA Watersense products for new home fixtures	VoG	2015	Completed
Impervious surface regulations adopted to reduce stormwater runoff	VoG	2007	Active
Composting			
Vegetable composting	Am Shalom (AS)	2015	Active
Composting of daily organic lunchroom waste	West School	2010	Active
Classroom vermi-composting	South School	2015	Active
Conferences, Events			
Booth focusing on water at Wilmette’s annual sustainable fair	GGG	2013,14,15	Active
<ul style="list-style-type: none"> • World Environment Day • Educated about Plastics, • Promoted Meatless Monday 	Chicago Botanic Garden (CBG), GGG, Other Go Green Groups, GPD	2015, 2016	Active
Community bike ride to Chicago Botanic Gardens, linked with bike event at CBG	GGG, CBG	2014	Would like to do more
Conservation Initiatives			
New retention pond created, increasing storage capacity by 10%, reducing dependence on treated municipal water; pond created additional wildlife habitat for shore birds, amphibians	VoG (Golf Course)	2009	Active

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<ul style="list-style-type: none"> • <i>Shelton Park Prairie</i> Restoration-area expanded, flourishing • <i>Bob Everly Wildflower Sanctuary</i>-ash removal, fence repairs, brush clearing • <i>Dietz Bird Sanctuary</i>-parcel remains wildlife habitat • <i>South & Green Bay Park</i>-buckthorn, other invasive species, many ash trees removed, planted new native species 	GPD		
Restoring Green Bay Trail-removing invasive species, planting native species to improve habitat, foster return of wildlife, re-establish trail as a key community recreational asset	FGBT	2010	Active
Trail historical sign, trail marker tree to highlight Trail's historical significance	FGBT	2015	Active
Energy Efficiency/Energy Reduction			
Geothermal HVAC system	Central School	2013/2014	Active
26 solar panels-50% savings on energy bills	St E	2012	Active
New energy efficient boiler(s)	St. E West School GPL	2011 2013	Active
Skylights to reduce need for indoor lighting	WT	2016	Active
<ul style="list-style-type: none"> • Energy efficient windows • New stained glass window seals • Thermal windows in offices, removal of old A/C units • Basement windows replaced with thermal panes • New thermal windows on 2nd floor of Parish Hall 		2008 2015	 Complete
<ul style="list-style-type: none"> • New dormers, insulation on 2nd floor • Rectory attic insulation added 	St E	2010	Complete
Energy efficient HVAC	AS	2008	Active
Energy efficient lighting (LED, CFL)	AS GSD 35 GPL St E	2008 2010-present 2008	Active
<ul style="list-style-type: none"> • Downtown LED replacements-received grant funding from Illinois Clean Energy Community Fund (ICECF) to replace all 120 downtown streetlights with LEDs • Replaced lights in water plant with LED fixtures 	VoG	2016	Completed
<ul style="list-style-type: none"> • Light fixtures 	GPD		

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<ul style="list-style-type: none"> ○ LED lights ○ LED lights-beach/boathouse ○ LED-Flag light, Veterans Park ○ Takiff Center parking light bollards-LED ○ Solar lights-Takiff Center ○ Takiff-occupancy sensors, high efficiency dimmable fluorescents ● Smart Building System-Takiff <ul style="list-style-type: none"> ○ Computer controlled building system, manages temperature based on outdoor conditions, program use ● Alternative Fuels <ul style="list-style-type: none"> ○ Watts Center Zamboni machine runs on propane ○ Investigating propane powered mowers 			
District-wide facilities management system - online portal to manage usage, reservations	GSD 35	2010	Active
Public computer screen savers	GPL	1996	Active
Circulate two P4400 Kill-a-watt meters	GPL	2010	Active
Software that automatically shuts down PCs at close	GPL	1996	Active
Repaired fireplace flues so that they would close	St E		Complete
New roof on church building with insulation	St E		Complete
Wifi controlled thermostats	St E	2014	Complete
Supplemental heat added to Boy Scout room to avoid heating the whole building for their meetings	St E		Complete
Village Hall receiving a \$2.3 million HVAC system upgrade, with automated building system to manage temperatures based on usage	VoG	2016-2017	Active
Financial Sustainability			
<i>Eliminating duplication with units of local government</i> <ul style="list-style-type: none"> ● Shared Services Program <ul style="list-style-type: none"> ○ Equipment sharing ○ Park District cuts grass-all Village properties ○ Village provides Fleet Service to GPD ○ GPD manages weed control on Village property ○ Sharing of GIS software 	GPD, VoG, GSD, Glencoe Community Gardens		

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<ul style="list-style-type: none"> ○ GPD grows flowers for Glencoe Golf Course ○ Earth Day, Beach Clean-up days with Village, local groups • Shared Services with GSD 35 <ul style="list-style-type: none"> ○ GPD cuts grass-athletic fields ○ GPD manages school tree inventory ○ School provides gym space to GPD ○ GPD provides ice rink for GSD 35 gym classes • Shared Services with CBG <ul style="list-style-type: none"> ○ CBG uses GPD greenhouse space to grow vegetables for charity program • Partnership with Glencoe Community Gardens-greenhouse, other resources • Partnerships with other Park Districts <ul style="list-style-type: none"> ○ Platform tennis with Winnetka Park District ○ Aquatic Center/beach partnership with North Brook Park District ○ Tennis partnership with Park District of Highland Park ○ Athletic league partnership with Highland Park, Winnetka, Northbrook, Northfield, Deerfield, Winnetka • Member of Northern Suburban Special Recreation Association Special Recreation (NSSRA) 			
Shared Services program with the GPD-equipment sharing, service exchanges, increasing financial sustainability of both	VoG	2014	Active
Gardening			
Community garden	AS	2008	Active
Organic garden installation	Central School	2012	Active through 6th grade science
Organic garden installation	West School	2014	Active through 3rd/4th grade science
Organic garden installation	South School	2010	Active

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			through morning club
Native plant garden installation	South School	2009	Active through science, morning club
Partnerships			
Founding member of Consortium of North Shore Environmental Groups (CONSEG)	GGG	2013-2016	Active
Collaboration with GGG on programming	GPL	2014	Active
Member, library consortium sharing collections	GPL	~1985	Active
Participate in Chicago Green Theatre Alliance, including electronics, textile recycling drives	WT	2016	Active
Reinforced alliances with grass roots sustainable organizations, e.g. FGBT-formal leasing agreements	VoG		Active
Partnered with FGBT, developed Trees for the Trail program, giving residents ability to purchase a tree to be planted on Green Bay Trail with 50% of cost subsidized by VoG	VoG	2016	Active
Member, various purchasing organizations, e.g. Municipal Partnering Initiative, Suburban Purchasing Cooperative, and National Joint Powers Alliance (NJPA) with joint purchasing to maintain financial sustainability	VoG	2009, 2015	Active
Partnered with Winnetka on joint recycling services; saved residents approx. \$533,000 over 5 year life of agreement	VoG	2016	Completed
Planning			
With Plan Commission, updating downtown portion of Comprehensive Plan; final recommendations expected to be forwarded to Village Board	VoG	2014-present	Active
Established Sustainability Task Force	VoG	2016	Active
Plants, Trees			
Native plant, tree sale	GGG	2013,2015,2016	Active
• Chip grindings from tree removals reused on GPD property	VoG, GPD		

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<ul style="list-style-type: none"> • Unusable plant material from capital projects relocated to other suitable locations • Grass clippings left to mulch, fertilize the soil 			
Trees for the Trail Program – 50/50 cost sharing program with VoG allows residents to donate trees for Green Bay Trail to replace diseased ash trees, removed buckthorn	FGBT	2016	Active
Diseased trees being treated or removed	St E		Active
Annual pollinator plant sale, fostering improved home garden habitats, expanding greenways for pollinators, migratory butterflies, birds	FGBT	2015	Active
50/50 parkway tree planting program-VoG subsidizes 50% of cost when resident wants to purchase a parkway tree	VoG	1980s	Active
Recreation Activities			
<ul style="list-style-type: none"> • Create natural play space in children’s playground area, allowing children to explore nature, get outside • Planning nature programs to explore world outside at many parks, incorporating art, science, math, literacy 	GPD		
Hosted annual Bike Walk to School Day; advertising, purpose shared via 6th grade science classes	GSD 35	2014	Active
Recycling			
Document destruction	GGG, VoG, Solid Waste Agency of Northern Cook County (SWANCC)	2014	Want to repeat
Recycling services provided for residents: <ul style="list-style-type: none"> • Electronics • CFL/fluorescent bulbs, batteries • Christmas tree lights, ballast • Landscape waste • Christmas trees 	VoG (with CBG) (with CBG)		Active
Recycle used motor oils	VoG		Active
<ul style="list-style-type: none"> • All facilities recycle • Pilot recycling of cans-Glencoe Beach • All fluorescent light bulbs • New playground to be installed in Shelton Park approx. 35% recycled-over 2,000 lbs. 	GPD		

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Children use recycled materials to play with, do art, other activities	GPD		
<ul style="list-style-type: none"> • Recycled paper products for brochures, newsletters, playbills • Copy, other paper from “well-managed forests”/controlled sources, recycled wood, fiber • Recycled paper purchasing-all schools • Encourage 2-sided copying 	GPD, WT		Active
	WT	2012	
	GSD 35 WT	2012	
Recycle ink cartridges	GPD, GPL	1996 (GPL)	Active
Paper recycling through Village	GPL	1996	Active
Annual recycling of school library books, textbooks, classroom resources with Bernie’s Book Bank, SCARCE	GSD 35	2010	Active
<ul style="list-style-type: none"> • Green Guide helpers in lunchroom to promote sorting, recycling, composting • Recycling helpers in lunchroom to promote appropriate sorting, recycling/PTO parent helpers to join in 2016 	West School	2005	Active
	South School	2015	
Recycling stations for batteries, print cartridges, TREX, Terracycle, pop tabs, paper-all schools	GSD 35	2000	Active
Recycling bins in all classrooms, work spaces	GSD 35	2006	Active
Recycling option posters in all schools	GSD 35	2010	Active
Electronics recycling bin available to public	GPL	2011	Active
Recycle old PCs	GPL	1996	Active
Recycling through Village of Glencoe	ST E	As long as Glencoe has offered recycling	Active
Reduction			
Glasses, china/crockery plates, silver utensils instead of plastic	St E		Active
Washable coffee mugs, plates, silverware, etc. for staff at Village Hall, no longer use throw-aways	VoG	2015	Active

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<ul style="list-style-type: none"> • Reduce Paper Consumption <ul style="list-style-type: none"> ○ Facilities being equipped with high efficiency electric hand dryers, eliminating towel waste ○ Partnered to send Glencoe Quarterly to residents, reducing paper use, mailing costs ○ Board Packets, newsletters sent electronically ○ Internal communication-emphasis on electronic ○ Electronic marketing campaigns • Print, mail significantly less, using better mailing list management, sending more e-blasts 	<p align="center">GPD VoG, GSD, GPD, Glencoe Family Services VoG, GPD, GSD 35 WT WT</p>	<p align="center">6 installed-2015-2016 GSD 35-2005 2016</p>	<p align="center">Active</p>
<p>Send scripts to artists via email, file sharing</p>	<p align="center">WT</p>	<p align="center">2012</p>	<p align="center">Active</p>
<p>Electronic intranet used for all staff resources, daily updates on activities/events</p>	<p align="center">GSD 35</p>	<p align="center">2006</p>	<p align="center">Active</p>
<ul style="list-style-type: none"> • Water <ul style="list-style-type: none"> ○ Sinks fitted with automatic faucets ○ Cooler style drinking fountains installed at beach, boat houses ○ Staff issued water bottles, reducing use of disposable bottles ○ Rain sensor to be installed at new Berlin Field, preventing irrigation on days when rain is heavy ○ Water bottle fillers at drinking fountains in GPD facilities 	<p align="center">GPD</p>		
<p>Computerized irrigation systems, improved turf grass varieties will reduce water use; irrigation only in playing areas</p>	<p align="center">VoG (Golf Course)</p>		<p align="center">Active</p>
<ul style="list-style-type: none"> • Basement drainage system • Drainage improved to move water away from building • Window wells covered to reduce water infiltration 	<p align="center">St E</p>		<p align="center">Complete</p>
<p>Filtered water dispenser, washable cups for staff</p>	<p align="center">GPL</p>	<p align="center">2000</p>	<p align="center">Active</p>
<p>Re-use</p>			
<p>Bicycle collection, refurbishing, distributing to local communities</p>	<p align="center">GGG, Working Bikes, GPD</p>	<p align="center">2015, 2016</p>	<p align="center">Annual</p>

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Providing, using reusable bottles	AS	2004	Active
“Use it Twice” boxes in each classroom, work space	South School, West School	2014	Active
Re-use large manila mailing envelopes	GPL	1992	Active
Friends of The Glencoe Public Library used book sales	GPL	1992	Active
Donation of discarded materials from collection	GPL	2003	Active
Paper repurposing, re-use of scrap paper	GPL, WT (re-use)	1986 2016	Active
Collection of used newspapers for recycling by local animal shelter	St E	2012	Active
Recycling K-cups from Keurig coffee makers	WT	2016	Active
Stormwater Management			
With Metropolitan Water Reclamation District (MWRD), Village installed stormwater structure to reduce litter in stormwater discharge to the lake, a best management practice	VoG	2016	Completed
Recycled rainwater collected in drain tiles leading to irrigation pond; cycling of irrigation ensures good infiltration, minimize runoff	VoG (Golf Course)		Active
Transportation			
<ul style="list-style-type: none"> • Most staff, many artists travel to & from Glencoe via Metra • Patrons encouraged to use Metra to attend performances 	WT	2012	Active
VoG currently using 3 hybrid vehicles in the fleet	VoG	2007	Active
6 gas utility carts replaced by electric; 5 remaining to be replaced with electric over next 5 years	VoG (Golf Course)		Active
Waste			
Waste audits completed with SWANCC	West School, South School	2014-2016	Completed

***Abbreviations = AS-Am Shalom, St E-Church of Saint Elisabeth, FGBT-Friends of the Green Bay Trail, GGG-Go Green Glencoe, GPD-Glencoe Park District, GPL-Glencoe Public Library, GSD 35-Glencoe School District 35, VoG-Village of Glencoe, WT-Writers Theatre**