Memorandum



To: Public Works & Environmental Concerns Committee

Through: Carl S. Goldsmith, Director of Public Works

From: David P. Gorman, P.E., Assistant Director of Public Works

Date: May 2, 2017

Subject: Greenest Region Compact 2 – Framework Review

As recommended by the Committee, the Village Board has endorsed the Greenest Region Compact 2 (GRC2). The GRC2 provides a framework of actions for consideration by communities. This framework will supplement the Village's own Sustainability Framework. Staff intends to incorporate additional actions deemed appropriate for Lombard, and some of these may warrant the Committee's involvement.

For the next meeting, Staff would like to introduce the framework, and briefly discuss one or two of the programs in each category, as well as any additional suggestions raised by the Committee. Reviewing this framework occasionally (e.g. annually) will allow the Committee to be involved in establishing and supporting policies for sustainable operations, programs and projects.

Category	Goal	Objective	Actions Completed/Ongoing
Climate	Resiliency (C15)	Develop a resiliency plan	Generators for lift stations, Battery backups for traffic signals
Economic Development	Green Economy (ED7)	Recognize businesses practicing sustainability	The Village has a Sustainability Award program
Energy	Energy Efficiency (E5/E6)	Implement energy measures for short/long payback	Use LED streetlights, variable speed drives for pumps, occupancy sensors, newer HVAC units
Energy	Engage the Community (E30)	Promote gas/electric efficiency programs.	Have promoted Impact Illinois and Energy Saver programs but had disappointing low response.
Land	Land Preservation (L14)	Monitor/control invasive species	Annual buckthorn removal on IPP and GWT
Land	Landscapes (L30)	Increase sustainable landscaping	Naturalizing Village's storm water basins and other properties, annual lilac bush giveaway
Mobility	Policy (M23/M24)	Anti-idling	Signs placed at school pick-up areas, at-grade RR crossings, sign in municipal yard, monthly vehicle fuel use reports.

Category	Goal	Objective	Actions Completed/Ongoing
Municipal Operations	Sustainable Operations (MO12)	Integrate sustainability into capital planning	Using permeable pavement, natural landscaping as appropriate
Sustainable Communities	Community Values for Sustainability (SC45)	Encourage participation in sustainability initiatives	Recycling Extravaganza, Annual Lombard Pride Cleanup/Buckthorn Removal
Waste & Recycling	Waste Reduction (WR6)	Adopt a Pay-As- You-Throw Program	The Contract has been revised to eliminate the prior senior age requirement to have a 35-gal toter.
Water Quality	Protect Water Quality (W9a)	Avoid use of coal tar sealant on Village property	Have signed a pledge with the DuPage River Salt Creek Workgroup.

Committee members are welcome to attend the monthly meetings of the Metropolitan Mayors Caucus's Environmental Committee. Various elected, appointed, and employed municipal officials throughout the region discuss a different topic at each meeting, often followed by a facility tour. I can forward meeting announcements to any interested Committee members.

As you think of a question or suggestion at any time regarding sustainability in our operations, programs and projects, please contact me at 620-5765 or gormand@villageoflombard.org.

CG/DG:dg

attachment: GRC2 Framework booklet dated March 2017



The Framework



March 2017

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The Framework

The details of the Framework are organized around the 10 categories and 49 consensus goals of the Compact.

The 10 categories are:





Economic Development



Energy



Land Use





Mobility



Municipal Operations



Sustainable Communities





The Greenest Region Compact 2 presents consensus goals for environmental sustainability to be addressed by local municipalities, yet will have coordinated, positive impacts on a much larger scale.

Municipalities throughout the region are invited to formally endorse the Greenest Region Compact 2 and work in concert to achieve its goals. (See the complete Greenest Region Compact 2 and sample municipal resolution in the Appendix.)

The Greenest Region Compact 2 (GRC2) Framework is the companion document that provides suggested objectives, strategies and tools to help communities achieve consensus goals of the Greenest Region Compact 2.

Introduction

The Framework is built on 30 sustainability plans and guiding documents already in use by Illinois municipalities. It also incorporates more than 10 documents from regional, national or global organizations that are widely used to guide sustainable municipal actions (See Appendix). More than 1150 actual sustainability goals and objectives are synthesized into this Framework resulting in a broad and comprehensive guidance for municipal sustainability. Fundamentally, the Framework is built from goals and actions that are broadly applicable and suited to municipal action.

Dozens of partners, advisors and stakeholder groups contributed additional objectives, strategies and tools supportive of the consensus GRC2 goals, and for this we are grateful. (See Appendix) These contributions help connect the consensus goals to achieve greater positive impacts at the regional, state, national and global levels. Many of the partner programs cited in the Framework offer assistance and guidance to help municipalities achieve GRC2 objectives, thus creating a synergy between local efforts and existing resources.

For more information on the GRC2 methodology, see the full report: Greenest Region Compact, Opportunities + Impact, Metropolitan Mayors Caucus, 2014.

How to Use the GRC2 Framework

The Framework can guide municipalities of all sizes and strengths towards sustainability actions. For communities with no formal sustainability plan, the extensive Framework offers a menu of options that could be used to construct a local, tailored sustainability plan. Communities can begin by assessing actions already accomplished and underway. Then they may choose priority objectives and strategies on which they will begin work. The Framework is broadly applicable to most communities so users will need to refine and tailor objectives and strategies to suit. Municipalities may choose as many of the goals and objectives as they wish and address them on their own timeline.

Communities currently guided by their own sustainability plans will likely recognize specific goals and elements of their own plans in the Framework. The Framework may offer additional options for achieving their established goals, or suggestions for updating an existing plan.

Framework Structure

The following pages are formatted to prompt self-assessment and guide preliminary selection of priority objectives and strategies.

The Framework is structured to expand on the GRC2 Compact goals in each category (column C). **Objectives** are adjacent (column E) to each GRC2 goal and are labeled for reference, i.e., E10 is the tenth objective in the Energy (E) category.

Strategies are preceded with the symbol ">" and labeled with an additional letter, i.e. E10b as they relate to the numbered objective. Not every objective is paired with specific strategies.

Advanced strategies are preceded with the symbol "+". These are extra, progressive steps, usually suggested by stakeholders, that communities may wish to take to advance certain GRC2 goals.

Links to resources, such as certification programs or model ordinances, which may be considered tactics, are offered for some objectives and strategies. These are indicated by the hyperlink, "Y" in column M-O.

Assessment of the relevance and priority of each objective and strategy may be guided by prompts in columns F-L.

Because the nature of sustainability is its interrelationship of social, economic and environment elements, objectives and strategies are also interrelated. Actions to improve land stewardship will improve water resources; improved active transportation choices will enhance healthy lifestyles and more. Therefore, actions with complementary outcomes may be found in different sections of the Framework. Policy, Stewardship and Outreach and Education are common elements in nearly every category.

Acknowledgements

The Greenest Region Compact 2 and companion Framework have been made possible due to the generous support of the Searle Funds at The Chicago Community Trust. The Environment Committee of the Metropolitan Mayors Caucus, under the leadership of John Ostenburg, Mayor, Village of Park Forest and Barrett Pedersen, Mayor, Franklin Park, has guided this work. The Executive Board is gratefully acknowledged for leading the Caucus staff and committees.

Greenest Region Compact 2 and the Future Sustainability Network

The Metropolitan Mayors Caucus plans future supportive programs and resources to accelerate community actions in pursuit of the GRC2 consensus goals. A future Sustainability Network will develop pathways and leveraging strategies to develop capital sustainability projects. Future metrics, a reporting mechanism, and recognition for participating communities, is also planned.

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		5		OBJECTIVE	П		Planned for next 6 months	Planned for next 12-18 months	rsuing			
	_			> STRATEGY	achieve	SS	for next	for next	id in pu	ned	/ant	esource
	Category	GOAL		+ ADVANCED STRATEGY	Already achieved	In Progress	Planned	Planned	Interested in pursuing	Not planned	Not relevant	Link to Resource
			CI	Establish a Greenhous Gas (GHG) emission reduction target:								
	SU(C1a	>Utilize US EPA's Local Climate Action Framework to plan and evaluate climate strategies								Y
	nissic		C2	Measure and monitor GHG emissions								Υ
	Greenhouse Gas Emissions	Reduce greenhouse gas	C2a	>Measure and monitor GHG from municipal operations								
	onse	emissions	C2b	>Measure and monitor GHG community wide							0.00	
	sreenh		C+3	+ Verify and report climate action to Carbonn Climate Registry								Y
	9		C+4	+ Participate in carbon offset program	ľ							
			C+5	+ Commit to the Compact of Mayors								Y
			C6	Regulate burning of landscape waste								
			C7	Facilitate compliance of federal air quality standards by businesses								
			CB	Participate in Illinois Partners for Clean Air		-						γ
ATE	Air Quality	Maintain clean and healthful air	C9	Discourage the use of high-emitting small engines, such as for landscaping								
CUIMATE	¥		C10	Reduce volatile organic compound (VOC) emissions for municipal operations by using low VOC cleaners, paints, and paving practices								
			C11	Establish policies to meet Illinois Dept of Public Health Indoor Air quality standards								γ
			C12	Coordinate resiliency efforts with federal, state and regional planning agencies								
			C12a	>Prepare Pre-Disaster Hazard Mitigation Plan								<u>Y</u>
	λoua	Develop resiliency to	C13	Collaboratively manage urban heat islands								
	Resiliency	climate change impacts	C+14	+ Assess infrastructure and public safety threats from extreme weather events								<u>Y</u>
			C+15	+ Develop a resiliency plan to protect assets, public health, and provide essential services through natural and man-made disasters								<u>Y</u>
	مع ح	Engage the community	C16	Educate the public about climate change								Υ
	Education & Outreach	in climate change mitigation and	C17	Participate in Cool Communities								Y
	Educ	adaptation	C18	Inform the community about air quality index and air pollution action days								Y

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		M		OBJECTIVE	1		6 months	next 12-18 months	suing			
	λιο			> STRATEGY	Already achieved	gress	Planned for next	Planned for next	Interested in pursuing	Not planned	Not relevant	Link to Resource
	Category	GOAL		+ ADVANCED STRATEGY	Alread	In Progress	Plann	Plann	Intere	Not pl	Not re	Link to
	ce		ED1	Connect local businesses with education training, and jobs related to sustainability								Y
	Workforce		ED2	Advocate for the development of a competitive 'green workforce'								_
	S è	Promote innovation and a competitive workforce	ED3	Advocate for new opportunities in the clean energy industry								Y
F	Innovation		ED4	Encourage green innovation among residents and local businesses								
PMEN	<u> </u>		ED5	Collaborate to support innovation centers								<u>Y</u>
EVELO			ED6	Attract and retain businesses that practice and promote sustainability								
ECONOMIC DEVELOPMENT	ymou		ED7	Recognize and support businesses who practice and promote sustainability								Y
CONC	Green Economy	Cultivate local and	ED8	Promote local goods and services								
ш	Green	sustainable development, jobs, and	ED9	Create and promote a community brand featuring natural resources or cultural characteristics of community								Y
		businesses	ED10	Promote tourism featuring natural and cultural assets of the community								<u>Y</u>
	Policy		ED11	Promote the economic prosperity of the community								
	Pol		ED12	Advocate for expanded job opportunities and sufficient wages								

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	Category	GOAL		+ ADVANCED STRATEGY	Alread	In Progress	Planne	Planned for	Interested in	Not planned	Not relevant	Link to
			E1	> Conduct energy audits of municipal facilities								<u>Y</u>
			E2	Support energy audits and retro-commissioning studies of residential, commercial and institutional facilities								Y
			E3	> Conduct retro-commissioning studies to optimize public facility performance								Y
			E4	> Implement operational changes recommended in the retro- commissioning study								
	iciency	Use energy for building	E5	Implement energy efficiency measures that have a short- term payback (i.e. lighting, occupancy sensors)								Y
RGY	Energy Efficiency	and facilities efficiently	E6	Implement energy efficiency measures that have a longer- term payback								
ENERGY	ä		E7	Collaborate with utilities and other agencies to upgrade streetlight equipment and integrate smart technologies								
			E8	Achieve ENERGY STAR certification for municipal buildings								<u>Y</u>
			E+9	+ Utilize performance contracts to finance large energy efficiency projects								Y
			E+10	+ Demonstrate extreme energy efficiency with a model Passivhaus building								Y
			E+11	+ Budget and plan for long-term energy efficiency equipment upgrades								
			E12	Install and operate renewable energy systems at municipal facilities								
			E12a	> Use power purchase agreements, leasing and other strategies to finance renewable energy systems Support the adoption of renewable energy technologies in								Y
			E13	the community >Adopt codes and permitting practices that support								
	Renewable Energy	Advance renewable	E13a	renewable energy systems in the community								
	/able	energy	E13b	> Facilitate access to renewable energy systems through collaborative purchasing for residents and business								<u>Y</u>
	anev		E14	Procure renewable energy for public facilities								<u>Y</u>
W	Œ		E14a	>Become a US EPA Green Power Community								<u>Y</u>
			E15	Support procurement of renewable energy through community choice aggregation								<u>Y</u>
			E16	Develop renewable energy capacity targeting underutilized public properties (i.e. brownfields)								
		San January J. Co.	E+17	+ Collaborate to provide access to community solar								Y

ENERGY

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THE WAY				OBJECTIVE	pa		ct 6 months	t 12-18 months	pursuing			9
	<u>~</u>			> STRATEGY	Already achieved	ress	Planned for next	Planned for next	ted in pt	nned	evant	Link to Resource
	Category	GOAL		+ ADVANCED STRATEGY	Alread	In Progress	Planne	Plannec	Interested in	Not planned	Not relevant	Link to
			E18	Power down equipment when possible								
			E19	Participate in demand response programs								
	Energy Management		E20	Track and benchmark energy consumption through ENERGY STAR Portfolio Manager								Y
	y Mana	Reduce energy consumption	E21	Utilize energy management expertise (i.e. Building Operator Certification and Certified Energy Manager)								Y
	nerg		E22	Participate in energy management challenges and programs								Y
<u>*</u>	ш		E+23	+ Utilize performance contracts to finance energy efficiency projects when feasible								Y
ENERG			E24	Adopt current Illinois Energy Conservation Code (IECC) and report compliance								Y
ENERGY			E25	Facilitate the adoption of renewable energy technologies (i.e. solar, geothermal) by adapting building and zoning codes						The state of the s		
Now.	Policy	Enact policies that	E+26	+ Collaborate to advance Property Assessed Clean Energy (PACE) policies					-			Y
Ŋ	Pol	support clean energy	E+27	+ Adopt 'stretch codes' setting higher standards for energy efficiency than IECC								Y
200			E+28	+ Enact an ordinance requiring periodic benchmarking for large energy users			100					Y
			E+29	+ Negotiate franchise agreement with utilities to exercise lump sum payment option to finance clean energy								
	ach		E30	Partner with electric and gas utilities to promote energy efficiency programs to the community								Y
	& Outre	Engage the community	E31	Promote the use of ENERGY STAR certified appliances and equipment						Sales S		¥
	Education & Outreach	in clean energy practices	E32	Publicly recognize institutional and private buildings that achieve a specific energy efficiency targets					3	The state of		
	Educ		E33	Collaborate to educate the community about clean energy options						2000		Y

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				OBJECTIVE	red		next 6 months	Planned for next 12-18 months	pursuing			9
	gory			> STRATEGY	Already achieved	In Progress	ed for ne	d for nex	Ξ.	Not planned	Not relevant	Link to Resource
	Category	GOAL		+ ADVANCED STRATEGY	Aireac	In Pro	Plann	Planne	Interested	Not p	Not re	Link to
				Reduce sprawl by promoting infill development to reduce								
			L1	adverse impacts on natural resources and infrastructure demands								Y
			L1a	>Encourage the development of compact and complete residential neighborhoods								
			L1b	>Protect greenfields and open space								
			L1c	>Redevelop underutilized or contaminated properties								Y
Ì	nent		L2	Prioritize redevelopment projects and infrastructure investment for transit-served locations								Y
	Sustainable Development	Encourage strategic	L2a	>Pursue transit oriented development and transit- supportive land uses in new development								
	ble De	development that upholds sustainability principles	L2b	>Seek public-private partnerships to create transit- oriented developments								
	ustaina	principles	L3	Collaborate with neighboring communities to jointly create sustainable developments								
0	Š		L4	Encourage conservation design to protect natural resources								Y
LAND			L5	Promote Sustainable Sites Certification for commercial and institutional landscapes								<u>Y</u>
			L6	Integrate resiliency into land development decisions								<u>Y</u>
			L7	Support local food production by assuring access to affordable land								
			L8	Evaluate proposed developments for on groundwater levels and water quality.								

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				OBJECTIVE	/ed		next 6 months	Planned for next 12-18 months	pursuing			93
	gory			> STRATEGY	ly achieved	gress	Planned for ne	d for nex	sted in p	Not planned	levant	Link to Resource
	Category	GOAL		+ ADVANCED STRATEGY	Already	In Progress	Plann	Planne	Interested	Not pl	Not re	Link to
			L9	Using data such as the Green Infrastructure Vision and the Illinois Natural Areas Inventory, watershed plans, identify key natural assets, landscape features, parcels with high value for connectivity and ecosystem function								Y
			L10	Conserve key natural assets and open space		\dagger	T	T				\exists
			L10a	>Through direct acquisition and management		T	1					<u>Y</u>
			L10b	>Through collaborations and cooperative agreements such as conservation easements								Y
	_ ا		L11	Guide future development to conserve natural topography, views, drainage patterns, existing vegetation, and historic or cultural assets								
	Land Preservation	Conserve restore and enhance natural	L12	Prioritize the acquisition, dedication and management of lands to create connected greenways								Y
	and Pre	features and ecosystems	L13	Prioritize the acquisition of land to protect groundwater recharge areas								
LAND	۳		L14	Manage public and private landscapes to optimize ecosystem services and support biodiversty								Y
			L14a	>Collaborate to restore prairie, wetland, forest and other important ecosystems in the community								
			L14b	>Monitor and control invasive species in natural areas and throughout the community								Y
			L14c	>Ensure long-term maintenance and management of protected natural areas within Conservation Design development								
			L15	Protect and restore soil integrity								
			L15a	>Enforce soil erosion and sediment control regulations for construction sites								

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	ory			> STRATEGY	Already achieved	gress	d for ne	d for next		anned	levant	Link to Resource
	Category	GOAL		+ ADVANCED STRATEGY	Alread	In Progress	Planne	Planne	Intere	Not planned	Not relevant	Link to
			L16	Develop a park and open space master plan								
			L17	Maximize the amount of public spaces and parks								
				accessible to residents		L	L					
				>Collaborate to provide access to under-utilized land (i.e.								
			L17a	utility right of ways) for trails, community gardens, and								
				sustainable landscapes			L			Ш		
	ا ہ		L17b	>Optimize linkages between parks and open spaces	L	L	L			Щ		
	Open Space	Command materials of	L17c	>Work with developers to integrate and develop open space reserves and trails in developments								
	Open	Support networks of accessible, well-used	L17d	>Collaborate with private property owners to create vibrant public gathering spaces (placemaking)								<u>Y</u>
₽	જ	and enjoyable parks		Enhance parks, open space, and recreational			\vdash	\vdash				Н
LAND	Parks &		L18	opportunities accessible to all residents								
			L18a	>Collaborate with park and forest preserve districts								
			L18b	>Collaborate to create and maintain hiking, biking, canoe			Г					
	- 9		LIOD	and other recreational trails								
			L18c	>Collaborate to provide accessible recreational services								
			FIOL	involving parks and open space								
			L19	Foster healthy community relationships through the use								
				of open space								

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	çory			> STRATEGY	Already achieved	gress	Planned for next	Planned for next 12-18	Interested in p	Not planned	levant	Link to Resource
	Category	GOAL		+ ADVANCED STRATEGY	Alread	In Progress	Plann	Planne	Intere	Not p	Not re	Link to
			L20	Conduct a community wide urban tree canopy assessment or collaborate on a regional study								
			L21	Conduct an inventory and assessment of trees on public right of ways								
			L22	Develop and implement a management plan to assure a long term vitality of the urban forest								Y
			L23	Maintain the health and integrity of existing trees						Г		
			L23a	>Maintain the health of trees on public right of ways								
			L23b	>Collaborate with utilities to maintain trees compatible with overhead powerlines								<u>Y</u>
			L23c	>Practice integrated pest management to sustain urban forest health								Y
	estry		L23d	>Assess structural integrity of trees and proactively mitigate risks through strategic removal and other actions								Y
	P.	Sustain a robust	L24	Plant trees to sustain and renew the urban forest		\dagger	t	t	\vdash	\vdash	H	Y
	Urban Forestry	urban forest canopy	L24a	>Continually plant hardy, site-appropriate trees to meet tree canopy goals						T		<u>Y</u>
			L24b	>Engage resident in public stewardship through cost- share planting programs								
LAND			L24c	>Using canopy analysis data, strategically plant trees to optimize public health and stormwater benefits								
			L25	Diversify the urban forest for long term resilience	r	\dagger	t			\vdash	Н	
			L26	Earn recognition for urban forest stewardship as a Tree City USA		Ť						Y
			L27	Harvest and utilize high value wood products from trees that must be removed		Ť						<u>Y</u>
			L+28	+ Optimize tree planting and protect existing trees for maximum carbon storage/sequestration and energy savings								Y

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				OBJECTIVE	ed		xt 6 months	Planned for next 12-18 months	pursuing			93
	ory			> STRATEGY	Already achieved	gress	Planned for next	d for nex	sted in p	anned	Not relevant	Link to Resource
	Category	GOAL		+ ADVANCED STRATEGY	Alread	In Progress	Planne	Planne	Interested	Not pl	Not re	Link to
			L29	Manage traditional, cultivated landscapes sustainably								
			L29a	>Replace turf with sustainable landscaping alternatives								
			L29b	>Manage lawns using natural products and low-impact practices								
			L29c	>Encourage community-wide use of integrated pest management to reduce impacts from fertilizers and pesticides								
LAND			L29d	>Use integrated pest management strategies for municipal landscapes to reduce impacts from fertilizers and pesticides								Y
	capes	Sustain beautiful landscapes that	L30	Increase the quality and amount of sustainable landscaping in the community								
	Landscapes	provide ecosystem services	L30a	>Use native and sustainable landscaping on municipal properties								
			L30b	>Promote native and sustainable landscaping initiatives community wide by connecting residents to plants and information								Y
			L30c	>Increase the amount of sustainable landscaping in the community through subdivision and development codes								
			L30d	>Encourage planting and registering of pollinator gardens through the Million Pollinator Garden Challenge								<u>Y</u>
			L30e	>Adopt the Mayors Monarch Pledge			Γ	Τ	1	Γ		Y
			124	Maintain beautiful landscapes and streetscapes to								
			L31	enhance gateways, business districts and important public spaces								<u>Y</u>

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				OBJECTIVE	pa		Planned for next 6 months	Planned for next 12-18 months	pursuing			9
	gory			> STRATEGY	ly achiev	In Progress	ed for ne	d for next		Not planned	Not relevant	Link to Resource
100	Category	GOAL		+ ADVANCED STRATEGY	Alreac	In Pro	Planne	Planne	Intere	Not pl	Not re	Link to
			L32	Adopt codes and incentives that guide sustainable development that maximizes social benefits and minimizes infrastructure demands								
	5.57		L32a	>Modify zoning and building regulations to allow mixed- use								
			L32b	>Use zoning and development regulations in strategic locations to increase walkability								
ì			L32c	>Promote site design that encourages the development of vibrant, walkable, commercial areas								
			L33	Enact and enforce land use policies that protect valuable natural assets and support resiliency						L		
LAND			L33a	>Enact and enforce land-use policies that preserve open space								
		Achieve greater	L33b	>Enact and enforce policies that preserve and restore functioning wetlands								
	Policy	livability through sustainable land use and housing policies	L33c	>Enact policies that require conservation design best management practices to protect natural resources								Y
		unu nousing poncies	L33d	>Protect sensitive aquifer areas via land use regulations								
			L33e	>Protect key natural assets and open space through zoning and planned unit developments								
			L33f	>Enact and enforce a tree preservation ordinance to protect valuable trees on private property								
i			L34	Integrate resiliency strategies into development policies and plans								Y
			L35	Facilitate the retention of farms and other working lands						L		
	200 200 200 200		L36	Enact an ordinance that requires ample sustainable tree and landscape planting for new development and redevelopments								
			L37	Collaborate with state and federal partners to prepare for and respond to invasive pest threats								Y

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The state of				OBJECTIVE	ed		Planned for next 6 months	Planned for next 12-18 months	pursuing			e
	gory			> STRATEGY	Already achieved	gress	ed for ne	d for next	Interested in p	Not planned	levant	Link to Resource
	Category	GOAL		+ ADVANCED STRATEGY	Alread	In Progress	Planne	Planne	Intere	Not pl	Not re	Link to
			L38	Engage the community in programs and special events to celebrate nature, such as Arbor Day and Earth Day								<u>Y</u>
	lut		L39	Educate the community about the value of trees, native and sustainable landscaping								
	Education, Outreach & Engagement		L40	Engage community volunteers in land stewardship activities on public and shared landscapes								<u>Y</u>
LAND	& Eng	Cultivate a	L41	Educate city staff about forest, wetlands and prairie best management practices								
	itreach	conservation ethic in the community	L42	Encourage beautiful, sustainable landscaping on private property								Y
	on, Oc		L43	Enlist volunteer groups to help in acquisition and stewardship of public lands								<u>Y</u>
	ducat		144	Engage residents through a natural resources, conservation and/ or tree commission								
			L45	Educate planning commissioners about sustainable development principles and conservation strategies								
			L46	Engage local farmers to adopt conservation practices							, T	

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		\Rightarrow		OBJECTIVE			hs	nonths		1		
		7		> STRATEGY			6 mont	12-18 r	pursuing			
	Category	GOAL		+ ADVANCED STRATEGY	Already achieved	In Progress	Planned for next 6 months	Planned for next 12-18 months	Interested in purs	Not planned	Not relevant	Link to Resource
			L1	Engage with academia and non-governmental organization to support the GRC2								
	ë	Enlist support for	L2	Engage with state and national municipal associations to align actions with GRC2								Y
	Leadership	GRC2 goals through regional, state and national leadership	L3	Report local and regional environmental data to advance national and international collaborative efforts (e.g., GHG reporting, water supply planning)								
			L4	Share information about municipal leadership in sustainability broadly in the community and externally								
HIP			L5	Seek recognition for community sustainability achievements								<u>Y</u>
LEADERSHIP		,	L6	Advocate for state policies and investment that support municipal advances in sustainability								
H	Advocacy	Advocate for policies that align with and	L7	Advocate for federal policies and investment that support municipal advances in sustainabilty								
	AC	advance the GRC2	L8	Seek collaboration with the business sector to support municipal sustainability, (e.g., product stewardship)								<u>Y</u>
	ion	Work collaboratively	L9	Partner with other local governments to achieve efficiency and sustainability								
	Collaboratio	towards a sustainable region	L10	Participate with regional, state and federal initiatives to plan and achieve sustainability								
	S		L11	Partner with non-governmental organization to advance sustainability in the community and regionally								

Α	В	С	D	E	F	G	Н	ı	J	K	L	М
				OBJECTIVE			Planned for next 6 months	: 12-18 months	pursuing			
	2			> STRATEGY	Already achieved	ess	for next	Planned for next 12-18		ned	vant	Link to Resource
	Category	GOAL		+ ADVANCED STRATEGY	Already	In Progress	Planned	Planned	Interested in	Not planned	Not relevant	Link to F
	:		М1	Identify gaps in pedestrian and the bicycle networks and barriers to active modes of travel								Y
	ut		M2	Create a bicycle and pedestrian plan to improve connectivity in the community and beyond								
	Bike and Pedestrian	Support safe and effective	МЗ	Implement recommendations from the bicycle and pedestrian plan								Y
	Pe	active	МЗа	>Earn Bicycle Friendly Community designation	Ü				-			Y
	and :		МЗЬ	>Earn Walk Friendly Community designation							П	Y
	Bike	transportation	M4	Collaborate with regional partners to connect on-and off-road bicycle facilities with existing and planned regional trail networks								
			M5	Provide bicycle parking at municipal facilities, business districts and transit stations and in neighborhoods								Y
			- 2		H	1			_		\square	\blacksquare
			М6	Maintain streets and sidewalks for efficiency and safety without harming natural resources			M				1	
			M7	Maintain efficient traffic flow within and around the community								
			M8	Synchronize traffic signals to reduce vehicle idling							П	
YT!	astructure	Maintain a	M9	Incorporate sustainable roadways into capital improvement planning, proactively plan for major transportation infrastructure improvements							To	
MOBIL	Infrasi	diverse, safe	M10	Collaborate to develop transportation infrastructure with context sensitivity		I						Y
	Transportation Infr	and efficient transportation network	M11	Coordinate with regional transportation agencies to maximize bicycle, pedestrian, vehicular transit, and rail connectivity and mobility								
	Tran		M12	Collaborate to provide alternative fuel infrastructure at public sites								
			M13	Incorporate trees and other green infrastructure elements into roadway design and maintenance for functionality and aesthetics								I
			M+14	+ Use the Envision checklist and infrastructure sustainability rating system to guide project development								Y

Α	В	C	D	E	F	G	Н	L	J	ΚĮ	М
				OBJECTIVE	P		Planned for next 6 months	t 12-18 months	pursuing		a)
	2			> STRATEGY	Already achieved	ess	for nex	Planned for next		pauc	Not relevant Link to Resource
	Category	GOAL		+ ADVANCED STRATEGY	Already	In Progress	Planned	Planned	Interested in	Not planned	Not relevant Link to Resou
			M15	Support regional transportation innovation							$oxed{oxed}$
			M16	Support coordinated investment to improve efficiency in passenger and freight railroads							
	а	Support	M17	Collaborate to support a network of alternate fueling infrastructure							
	Stewardship	efficient transportation	M18	Advocate for broad adoption of clean fuel fleets (i.e utilities, businesses, other agencies etc.)							
	ew	that uses	M19	Support strong national fuel efficiency standards							
	S	resources wisely	M20	Seek both public and private partnership to finance transportation system improvements							
			M21	Strategically manage parking policies and priorities to advance sustainability							<u> Y</u>
			M22	Create Safe Routes to School			_				<u> Y</u>
			M23	Enact and enforce anti-idling policies for public fleet vehicles							
		Integrate	M24	Designate no idling zones at schools, transit stations etc.	L						
ΣŢ	٨	sustainability into	M25	Adapt engineering standards to incorporate sustainable practices into roadway construction and maintenance while assuring public safety							
MOBILITY	Policy	transportation policies,	M26	Adapt building codes to accommodate and encourage alternate fuel infrastructure							T
		programs and	M27	Adopt a Complete Streets policy to benefit all road users	Г	T	T				Y
		regulations	M28	Revise subdivision code to promote active transportation, i.e., street sanctions that require bicycle facilities and sidewalks							Y
			M29	Collaborate to maintain and enhance transit facilities							
	Shared-use Mobility	Promote public	M30	Collaborate to expand regional transit capacity and improve service							
	بة	and sustainable	M31	Expand local transit connections to meet identified needs	_	1	_		-	Ц	\bot
	red-us	transportation choices	M32	Collaborate to provide multi-modal transportation options to resolve the first and last mile barrier							
	Sha		м33	Encourage municipal employees to use alternative modes of transportation to commute to work							
	ج.		M34	Encourage residents and visitors to walk and bike	-					Ц	<u> Y</u>
≥	reac		M35	Promote the availability of regional transit options	_	1	1	1		Ш	<u> </u>
MOBILITY	Education & Outreach	Promote public and sustainable	M36	Collaborate with the community's largest employers to offer flex scheduling, telecommuting, public and active transportation							
2	o	transportation	M37	Educate the community on the negative impacts of car idling	1_	1	1			Ц	<u> Y</u>
	cati	choices	M38	Advocate for mass transit funding		1	1	-	_		+
	Edu		м39	Encourage active transportation and community building in an open streets event							<u> </u>

Α	В	С	D	E	F	G	Н	ı	j	K	L	М
				OBJECTIVE			next 6 months	Planned for next 12-18 months	pursuing			
	ory			> STRATEGY	Already achieved	ress	d for next	d for next	ted in pur	nned	Not relevant	Resource
	Category	GOAL		+ ADVANCED STRATEGY	Alread	In Progress	Planned for	Planne	Interested in	Not pla	Not re	Link to
			M01	Support or create an interdisciplinary team to coordinate internal sustainability efforts								
TANK.			MO2	Dedicate staff to direct sustainability initiatives							П	
S			моз	Leverage state/federal and private grants and resources to advance sustainability								
ē			MO4	Educate and train staff on sustainability practices		Г	Г	Г			П	
MUNICIPAL OPERATIONS			M05	Achieve third party certification for sustainable public facilities	1000							<u>Y</u>
PAL 0	ımple	Lead by	MO5a	>Achieve LEED or Green Globes certification for public buildings								¥
AUNIC	ead by Example	demonstrating sustainable values	моѕь	>Achieve Sustainable Sites Certification for public landscapes								Y
2	Lead	and practices	м05с	>Achieve ENVISION certification for public infrastructure				ľ				Y
	1		M06	Formalize sustainability goals and plans				L	L			
			МО6а	>Adopt the Greenest Region Compact 2		L		L	L			<u>Y</u>
			мо6ь	>Use the GRC2 Framework to create a sustainability plan and formally adopt it								<u>Y</u>
			MO+7	Consolidate and/or share the delivery of public services with other local governments								Y
			MO+8	+ Establish municipal finance practices to re-invest cost savings into sustainability initiatives								
300			M09	Adopt an environmental purchasing policy					Г		\Box	Y
	ole ns	Integrate	MO10	Extend useful life of physical assets	Γ	Γ			Γ			
	Sustainable Operations	sustainability into	M011	Manage special events sustainably	Г	Г	Г	Г	Γ		\sqcap	<u>Y</u>
	stai) era	all municipal	MO+12	Integrate sustainability into capital planning		Г			Г			Ē
A	Sus Op	operations	MO+13	Inventory, assess and manage municipal assets sustainably								

A	В	C	D	E	F	G	Н	l	J	К	L	M
				OBJECTIVE		In Progress	6 months	Planned for next 12-18 months	pursuing			
	ory			> STRATEGY	Already achieved	ress	d for next	d for next	ted in pur	pauu	evant	Link to Resource
	Category	GOAL		+ ADVANCED STRATEGY	Alread	In Prog	Planne	Planne	Interested in	Not planned	Not relevant	Link to
		Sint White The	M014	Operate a safe, clean and efficient fleet								
			M014a	>Conduct baseline fleet analysis							\Box	<u>Y</u>
			MO14b	>Optimize fleet performance by reconciling tasks and vehicle types								
NS	Municipal Fleet		M014c	>Increase fleet efficiency through driver education and training	5.07							
은	프	Operate a safe,	MO14d	>Modify and retrofit vehicles to use alternate fuels		Г				П	\exists	Υ
R.	ë	clean and efficient	MO14d	> Migrate fleet to alternate fuel vehicles		Г		Г		П		Y
P. C.	Ë	fleet	M015	>Certify as an IEPA Illinois Green Fleet		Γ					Π	Y
MUNICIPAL OPERATIONS	Σ		MO15	>Join Chicago Area Clean Cities Coalition and report reduction of petroleum fuel consumption annually								Y
MUNI			MO+17	+ Collaborate with businesses, industry leaders and other agencies to develop alternative fuel infrastructure	S. 30,531 3							
	int	6 KAN	MO18	Track, analyze and manage data to advance sustainability goals								Y
	Data Management	Collect and	MO18a	>Establish performance metrics	10							
8	age	manage data to	M018b	>Collect and organize data								
	√lan	advance	M018c	>Report and share data								
Ĭ,	ta 🧸	sustainability	MO18d	>Continue to track and monitor data over time								
	Dai		MO+10	+ Use 'smart' technology to efficiently manage waste, water, fleet, air and energy data								

Α	В	C	D	E	F	G	Н	I	J	К	L	М
No. of Literature		iiii		OBJECTIVE	sved		Planned for next 6 months	Planned for next 12-18 months	pursuing	Not planned		ırce
1	Category			> STRATEGY	Already achieved	In Progress	ned for r	ned for r	ested in	planned	Not relevant	Link to Resource
	Cat.	GOAL		+ ADVANCED STRATEGY	Alrea	n P	Plan	Plan	Inter	Not	Not	Ë
			5C1	Preserve and maintain the community's historic assets								
	lture	December outboard	SC2	Integrate historical and cultural assets through community programming		Ī						
-	3	Promote cultural	SC3	Formalize support for culture and the arts	W			_				
	Arts and Culture	vibrancy in the community	SC4	Engage community volunteers through an arts/culture- oriented citizen advisory group								
П	₹		SC5	Foster understanding of diverse cultural traditions	13							Y
			SC6	Promote beauty and livability in community design, stewardship, and through partnerships								
			SC7	Protect all residents from the effects of pollution								
ITIES			SC8	Create a community that is resilient and well-prepared for disaster								
MMUN			sc9	Connect community members to existing services that support health and wellness								
LE COP			SC10	Ensure high quality essential human services programs are available and utilized								
SUSTAINABLE COMMUNITIES	Health & Safety	Foster a culture of	SC11	Collaborate with state and federal partners to prepare for and respond to pest and disease threats to public health	8	,						
SUST	alth &	health, safety and wellness	SC12	Collaborate to offer active and healthy lifestyle programs to residents								
	뿐		SC+13	+ Support balanced, active play for families								Y
		A CONTRACTOR OF THE PARTY OF TH	SC+13a	>Become recognized as a Playful City USA								<u>Y</u>
3000			SC+14	+ Prioritize safe practices and collaborate to reduce accidental injuries and death				-				
Bag.			SC+14a	>Become certified as a Safe Community			1					<u>Y</u>
			SC+15	+ Integrate planning, policies and programs to accommodate residents of all ages and abilities			100000			8		

Α	В	C	D	E	F	G	Н	1	J	K		М
		iği		OBJECTIVE	ved		Planned for next 6 months	Planned for next 12-18 months	pursuing			rce
	Category			> STRATEGY	Already achieved	In Progress	ned for n	ned for n		Not planned	Not relevant	Link to Resource
	Cat	GOAL		+ ADVANCED STRATEGY	Alre	핕	Plan	Plan	Inter	Not	퇽	Ë
		THE SECOND	SC16	Educate and engage the community in a sustainable food	120			8		П	П	
	Local Food	Increase access to	SC17	Incorporate local and healthy options into public food- service procurement and events			44			П	\exists	
	<u> </u>	sustainably grown	SC18	Support and promote family and community gardens	100	- 1				Н	\dashv	\dashv
	ÖÜ	local food	SC+19	+ Analyze and asses the current food system						П		П
			SC+20	+ Support innovative technologies for food production and distribution								
	0.	Sustain	SC21	Cultivate and preserve a welcoming and inclusive community character	Ä		7					
Ħ	ustice	community principles that are	SC22	Support social justice and equity throughout the community						1		
	Social Justice	welcoming, inclusive and	SC23	Promote diversity of housing stock accessible to diverse residents			Γ			i		Y
	Ň	equitable	SC24	Distribute public services and resources equitably in the community								
B			SC25	Promote third party certification for sustainable private facilities								
	<u>≥.</u>		SC25a	>Promote green certification for private buildings	1		Г			П	\Box	Y
H	Community	Promote a	SC25b	>Promote ENVISION certification for private infrastructure								Y
No.		sustainable identity for the	SC26	Develop and maintain a community brand that highlights sustainability								Y
18	lab	community	SC26a	>Participate in the Green Office Challenge			L				\Box	<u>Y</u>
ES	Sustainable	community	SC+27	+ Assess sustainability achievements relative to comparable cities		L						
I	Ň	State Land	SC27a	>Participate in the STAR Community Rating System Incentivize green building in new construction and re-	_	L				Ц	\dashv	<u>Y</u>
Σ			SC28	construction						П		<u>Y</u>
COM			SC29	Identify existing Code impediments sustainable building and site best practices						П		
JABLE			SC30	Develop housing policies, programs, and regulations designed to support and promote sustainability							7	
SUSTAINABLE COMMUNITIES	Policy	Assure local policies and codes	SC31	Revise and/or develop codes to promote sustainable						Н	\dashv	\exists
S	5	support	SC32	building and site practices Enact policies to preserve dark skies		\vdash	\vdash	\vdash	\vdash	Н	\dashv	Υ
		sustainability	SC+33	+ Incentivize green building in new construction and re-						П	1	Y
22 16			SC+34	+ Require third-party green building certification for appropriate new construction								

Α	В	C	D	E	F	G	н	1	J	К	L	М
THE STREET		iiii		OBJECTIVE	wed		Planned for next 6 months	Planned for next 12-18 months	pursuing	THE RESIDENCE		rce
	Category			> STRATEGY	Already achieved	In Progress	ed for n	ed for n	ested in	Not planned	elevant	o Resource
	Cate	GOAL		+ ADVANCED STRATEGY	Alrea	Ę	Planr	Planr	Inter	Not p	Not r	Link to
100			SC35	Educate the community about sustainability initiatives using existing municipal communication outlets (i.e., cable TV, newsletters)								
			SC36	Assure community education messages are accessable in all languages and formats	Sept.	3						
THE PARTY	tion		SC37	Use community festivals, lectures, workshops and other events to share information about sustainability								
	Education		SC38	Distribute sustainability information and resources provided by other allied organizations and government agencies								<u>Y</u>
8			SC39	Collaborate to incorporate sustainability into school curricula								
6			SC40	Collaborate to assure equitable access to quality education in the community								
E3		Sirks William Day	SC+41	+ Formalize an environmental education strategy	177							
			SC+42	+ Develop/ distribute a green building manual								
NABLE COMMUNITIES		Cultivate	SC43	Utilize strategic partnerships with other community organizations to promote sustainability		L						
00		community values based on	SC44	Participate in regional and national sustainability networks								
AINABI		principles of sustainability	SC45	Encourage the community to participate in sustainability initiatives and events	R.							
SUSTAI		A STRUCK	SC46	Establish or strengthen an inter and intra/agency Green		l						Ш
S	Outreach and Engagement		SC47	Engage residents in sustainability initiatives through an environmentally-focused citizen advisory group						T.		
	Engag		SC48	Foster positive communication and collaboration among local and regional institutions								
1	h and		SC49	Reach out and remove barriers to include all residents in civic affairs								
	ea C		SC50	Host environmentally focused event(s)								
	Outre		SC51	Encourage residents and businesses to contribute their time and resources to sustain the community								<u>Y</u>
13			SC52	Promote green building practices to residents, businesses and developers								<u>Y</u>
1 11 15			SC+53	Create an award or recognition program to encourage and report sustainable behaviors for residents at home								Y
1			SC+54	Create an award or recognition program to encourage and report sustainable actions by local businesses	JIN C							Y

Α	В	С	D	E	F	G	Н	Ĺ	j	K	L	М
				OBJECTIVE	achieved	55	or next 6 months	Planned for next 12-18 months	d in pursuing	pa	ant	Link to Resource
	Category			> STRATEGY	Already a	In Progress	Planned for	ned fo	Interested in	Not planned	relev	to Re
	Cate	GOAL		+ ADVANCED STRATEGY	Alre	드	Par	Ptan	Inte	Not	2	Ĕ
			WR1	Set a specific waste reduction goal:					PERSON			
			WR1a	> Set a waste reduction goal for municipal operations								
			WR1b	> Set a waste reduction goal for the community								
	tion	Support	WR2	Promote and practice waste reduction & recycling in municipal operations								
	ğ	sustainable	W53	Reduce the use of paper in municipal offices							П	\exists
	Waste Reduction	material management	WR4	Conduct waste audits to identify waste reduction opportunities								Υ
	eM	monagement	WR5	Support exchange of goods and services among residents (i.e. Rummage Sale, Sporting Goods Swap)	ě							=
			WR+6	+ Adopt a Pay-As-You-Throw program			+				\vdash	
			WR+7	Support by-product synergies among industries			\vdash					Υ
			WR+8	Make public events "zero waste"							\rightarrow	Ϋ́
	7		WR9	Establish and strive for specific recycling goals:			t				П	
			WR9a	> Establish and strive for a residential recycling goal			T	\top			П	П
			WR9b	> Establish and strive for a multi-family recycling goal								
(D	Recycling	Recycle materials	WR9c	> Establish and strive for a commercial & institutional recycling goal								
Ž	کی	across all sectors	WR10	Provide curbside recycling for residents	Į.		T					П
RECYCLING	, w		WR11	Provide access to recycling infrastructure and services at public places								
WASTE & REC			WR +12	Support regional efforts for developing a food scrap composting services								Y
Z			WR13	Collaborate to Support proper disposal of:	-125							
			WR13a	> Support proper disposal of household hazardous waste								
	sion		WR13b	> Support proper disposal of pharmaceutical and personal care product waste								
	Diver	Divert waste	WR13c	> Support proper disposal of fats, oils and grease (FOGs)								
	Waste Diversion	from landfills	WR13d	> Support proper disposal of electronic waste								
	>		WR14	Collaborate to provide recycling service for items not suitable for curbside pickup e.g. clothing, shoes, Christmas								
			WR15	Facilitate biosolid re-use in the community (e.g. landscaping)								Y

A	В	C	D	E	F	G	Н		J	K	L	М
				OBJECTIVE	Already achieved	59	Planned for next 6 months	Planned for next 12-18 months	in pursuing	ed	ant	Link to Resource
H	Category			> STRATEGY	ady a	In Progress	ned f	ined fo	Interested	Not planned	Not relevant	to Re
	Cat	GOAL		+ ADVANCED STRATEGY	Alre	In P	Plar	Plan	Inte	Not	ğ	E.
		No.	WR16	Require commercial & multi-family recycling								Y
		Enact policies	WR17	Establish a construction & demolition recycling policy								
	-	that cause	WR18	Eliminate policy barriers to on-site composting								
	Policy	sustainable material	WR19	Engage with Solid Waste agencies to manage waste sustainably								Y
ONI D		management	WR20	Ban or discourage the use of products resulting in unmanageable waste (e.g. plastic bags)								
WASTE & RECYCLING			WR21	Educate the community on recycling and composting practices								Y
ACTE &	Education & Engagement	Engage the community in	WR22	Educate the community to reduce waste by consuming less and reusing								Y
3	uca!	waste reduction	WR23	Discourage fly dumping and littering								
	Ede	and recycling	WR24	Organize a community wide clean-up day								
7			WR25	Engage community volunteers in recycling education and events					l.			

A	В	С	D	E	F	G	Н	l	J	К	ι	М
				OBJECTIVE	ved		ext 6 months	next 12-18 months	pursuing			9
	gory	=		> STRATEGY	Already achieved	gress	Planned for next	fo	Interested in p	Not planned	Not relevant	Link to resource
	Category	GOAL		+ ADVANCED STRATEGY	Alread	In Progress	Plann	Planned	Intere	Not p	Not re	Link to
	- 6		W1	Reduce community water consumption per capita								
			W1a	>Implement water efficiency measures at all municipal facilities								
			W1b	>Encourage residents and businesses to identify and mitigate water loss								<u>Y</u>
	e o		W2	Become a US EPA WaterSense Partner								Y
	vati		W3	Designate a staff Water Conservation Coordinator to								
	Ser	Use and distribute		manage water conservation programs	_						\vdash	_
	Water Conservation	water efficiently	W4	Participate in regional efforts and programs to conserve water								
	ater		W+5	Provide customer incentives to retrofit using high								Y
				efficiency, Water Sense appliances and fixtures	_							
			W+6	Provide water use audits to customers	_							\vdash
			W+7	Collaborate with energy utilities to integrate water conservation into energy audits for residential customers								
				Collaborate to encourage commercial, industrial and		\vdash					\Box	
			W+8	institutional customers to conserve water								Y
			w9	Protect surface and groundwater from runoff and contamination								
ATER			W9a	>Avoid the use of coal tar sealants on municipal property								Y
W	ŀ		W9b	>Resolve to eliminate unnecessary landscape pesticides and fertilizer use on municipal property								Y
5	Water Quality	Protect and improve	W9c	>Use sensible salting strategies to reduce chloride contamination								<u>Y</u>
	Vater (water quality	W10	Collaborate to identify sensitive aquifer recharge areas								<u>Y</u>
	>		W11	Support post-development runoff reduction and mitigation								
			W12	Inventory and inspect septic systems								
	19		W13	Collaborate with regional initiatives to protect Lake Michigan and the Mississippi River								
			W14	Label storm drains indicating the destination of discharge								

WATER

Α	В	С	D	E	F	G	Н	I	J	К	L	М
				OBJECTIVE	ived		Planned for next 6 months	Pianned for next 12-18 months	pursuing			rce
	Category			> STRATEGY	Already achieved	in Progress	ed for n	ed for n	Interested in	Not planned	Not relevant	Link to resource
	Cate	GOAL		+ ADVANCED STRATEGY	Alrea	in Pro	Pfann	Plann	Intere	Not p	Not r	Link t
			W15	Operate an efficient water utility that delivers clean, healthful, water								
			W15a	>Control water loss by auditing water supply system using AWWA protocols								Y
			W15b	>Periodically detect system leaks and develop a strategic plan for repair								<u>Y</u>
			W16	Comprehensively and sustainably manage water infrastructure								
			W16a	>Develop a water infrastructure asset management plan to sustain the system							Y	
			W16b	>Implement the water infrastructure asset management plan to sustain the system								
	cture		W16c	>Meter 100% of customers with automated reading technology								
	Water Infrastructure	Manage water system assets sustainably	W16d	>Implement sub-metering for multi-family housing customers								
	er In		W16e	>Detect and repair water system leaks			9=4					
WATER	Wat		w16f >Repair and replace inefficient water	>Repair and replace inefficient water supply infrastructure								
*			W16g	>Support property owners in timely repair of service lines through third-party warranty program								Y
			W17	Invest water revenues into sustaining water infrastructure								
			W18	Coordinate street, utility and water infrastructure projects								
			W19 Seek both public and private financing partnership infrastructure improvements									
			w20	Riparian communities: Collaborate with other agencies to assess dam performance and support removal when feasible								Y

WATER 26

Α	В	c	D	E	F	G	Н	l	J	K	L	М
		Your York		OBJECTIVE	ved		next 6 months	next 12-18 months	pursuing			a).
	gory			> STRATEGY	Already achieved	In Progress	Planned for n	ģ	Interested in	Not planned	Not relevant	Link to resource
	Category	GOAL		+ ADVANCED STRATEGY	Alrea	In Pro	Plann	Planned	Intere	Not p	Not r	Link t
			W21	Participate in the Community Rating System for flood mitigation and planning								Y
	2		w22	Participate in the National Flood Insurance Program allowing residents to access flood insurance								
			W23	Implement green infrastructure best management practices on municipal properties								
	<u>Б</u>		W23a	>Build or retrofit paved surfaces with permeable materials								
	structu	Optimize the use of natural and built systems to manage stormwater	W23b	>Install and maintain bioswales, filter strips, trees, rain gardens, and other functional landscapes								
	n Infra		W24	Encourage residents and businesses to adopt green infrastructure practices								
	and Gree		W24a	>Collaborate to provide rain barrels, plants and other resources to allow resident to capture and store rainwater								
	ement		W25	Encourage residents and businesses to reduce flood risks on their property								
163	age		W25a	>Incentive overhead basement sewer conversion								
WATER	vater Mai		W25b	>Encourage property owners to disconnect downspouts from sewers and direct flow to landscaping								
	Stormv		W26	Enhance natural features of stormwater detention and retention systems								
	,		W27	Collaborate to enhance wetlands for improved ecosystem services								
			W28	Collaborate with regional and state agencies to sustainably manage stormwater								
			W+29	+ Use USEPA Water Quality Scorecard to develop a systems approach to optimize stormwater								Y
			W+30	+ Establish a stormwater utility funding mechanism								Y

Α	В	C	D	E	F	G	Н	ı	J	К	L	М
THE PROVIDE		-		OBJECTIVE	ved		next 6 months	next 12-18 months	pursuing			a).
	Category		> STRATEGY	Already achieved	In Progress	Planned for n	Planned for n	Interested in	lanned	elevant	Link to resource	
	Cate	GOAL	1	+ ADVANCED STRATEGY	Alrea	In Pro	Plann	Plann	Intere	Not p	Not r	Link
			W31	Conduct a water rate study to determine sustainble rate structure								
			W32	Adopt full-cost pricing policies for water service								Y
			W33	Amend code to require water efficiency and conservation in commercial and residential development								Y
			W34	Incorporate conservation practices into new development guidelines and incentives								
			w35	Adopt a water conservation policy and/or plan inclusive of all customers and municipal operations							Y	
			W35a	>Enact and enforce regulation to control of wasteful water practices								
			W35b	>Enact and enforce outdoor watering regulations responsive to drought conditions								Y
	Policy	Enact policies to protect water resources	W35c	>Regulate or incentive water efficiency for customers managing large landscapes								
WATER	a.		W36	Update stormwater ordinance to integrate Illinois State Model Local Stormwater Ordinance								Y
			W37	Adopt codes that enable rainwater harvesting for non- potable uses								
			W38	Adopt a resolution supporting the Great Lakes and St. Lawrence River Basin Water Resources Compact								
			W39	Review and adopt codes to eliminate barriers to green infrastructure BMPs including cisterns, green roofs, bioswales, permeable paving								
			W40 allow developments to meet stormwater management	Allow flexibility (off-site management, payment-in-lieu) to allow developments to meet stormwater management requirements sustainably								
			W41	Enact codes that protect surface and groundwater from runoff and contamination								

WATER

Α	В	C	D	E	F	G	Н	l	J	к		М
				OBJECTIVE	ved		ext 6 months	next 12-18 months	pursuing			ce
	gory			> STRATEGY	Already achieved	in Progress	Planned for next	for	Interested in	Not planned	elevant	Link to resource
	Category	GOAL		+ ADVANCED STRATEGY	Alrea	in Pro	Plann	Planned	Intere	Not p	Not r	Link t
			W42	Sustain supply of high-quality public water								
			W43	Ensure drinking and wastewater systems are operating efficiently								
			W44	Utilize treated effluent as a valuable water resource								
			W45	Participate in watershed planning and stewardship efforts								Y
	ship	Practice stewardship	W46	Implement municipal recommendations from watershed plan								
	Stewardship	of water resources	W46	Allow public access and encourage stewardship of community waterways								
	S		W48	Support regional and statewide water supply planning and stewardship								Y
			W49	Contribute local data on water supply, quality and operations to support state and regional stewardship								<u>Y</u>
			W+50	+ Enact a water offset policy for water neutral community growth								Y
	1		W51	Educate and support the community to conserve water							Y	
			W52	Educate the community on the value of clean and safe drinking water								
			W53	Promote tap water over bottled water								Υ
	ach		W54	Educate the community on practices that reduce contamination of water resources								Y
WATER	Outreach	Engage the	W55	Support private well-owners in water quality monitoring and stewardship	Г							Y
	n and	community in water stewardship	W56	Educate customers about public water supply and wastewater operations through media and events								
	Education and	Stewarasnip	W57	Educate the community on benefits and practices of green infrastructure								Y
	<u> </u>		W58	Educate and support the community in preparing for and managing floods								Y
			W59	Collaborate to teach water conservation and stewardship in schools								
			W60	Collaborate to raise watershed awareness and foster stewardship								

Contributors to the Greenest Region Compact 2 and GRC2 Framework

360 Energy Group

Active Transportation Alliance

AECOM

Alliance for the Great Lakes

America in Bloom

American Planning Association - Illinois

Argonne National Laboratory

CB&I

Center for Neighborhood Technology

Chaddick Institute for

Metropolitan Development

Chicago Area Clean Cities Coalition

Chicago Metropolitan Agency for Planning

Chicago Wilderness
Citizens Utility Board

ComEd

Cook County

Deerpath Garden Club

Delta Institute

DuPage County

Elevate Energy

Energy Resources Center

Engineering Enterprises, Inc.

Environmental Law and Policy Center

Federal Emergency Management Agency

Great Lakes Clean Communities Network

Grand Victoria Foundation

Green Ways 2Go

Huff and Huff

Illinois Association of Wastewater Agencies

Illinois Clean Energy Community Foundation

Illinois Climate Action Table

Illinois Department of Commerce

and Economic Opportunity

Illinois Department of Natural Resources

Illinois Emergency Management Agency

Illinois Environmental Protection Agency

Illinois Parks and Recreation Association

Illinois Recycling Association

Illinois Section American

Water Works Association

Illinois Sustainable Technology Center

Illlinois Wood Utilization Team

Illinois-Indiana Sea Grant

Local Government Education

and Information Network

Meadows Center for Water

and the Environment

Metropolitan Planning Council

Metropolitan Water Reclamation District

Midwest Ecological Landscape Alliance

Midwest Pesticide Action Center

Morraine Valley Community College

National League of Cities

Nicor

Northwest Water Planning Alliance

Openlands

Prairie State Network

Seven Generations Ahead

Sierra Club

Solid Waste Agency of

Northern Cook County

South Metropolitan Higher

Education Consortium

South Shore Clean Cities Coalition

South Suburban Mayors

and Managers Association

STAR Technical Advisory Group

The Chicago Community Trust

The Morton Arboretum

The Power Bureau

University of Illinois,

Environmental Law Department

US Conference of Mayors

US Environmental Protection Agency

US Green Building Council

Will County

Woodlands Garden Club

Municipal Sustainability Plans Analyzed and Integ	rated in the GRC2 Authoring Organization	
Village of Algonquin	Environmental Action Plan	2010
City of Aurora	Sustainability Plan	2008
City of Batavia	Environmental Identity	2013
Village of Buffalo Grove	Environmental Plan	2014
City of Chicago	Sustainable Chicago	2012
City of Des Plaines	Sustain Des Plaines	2011
Village of Elburn	Comprehensive Plan, Sustainability Chapter	2013
City of Elgin	Sustainability Action Plan	2013
City of Elmhurst	Comprehensive Plan, Sustainability Chapter Climate	2009
City of Evanston	Action Plan	2008
City of Highland Park	Sustainability Strategic Plan	2010
Village of Hoffman Estates	Sustainability Plan	2013
Village of Homer Glen	Green Vision	2004
Village of La Grange Park	Sustainability Plan	2012
Lake County	Strategy for Sustainable Lake County	2009
Village of Lombard	Local Climate Action Plan	2012
Village of Millbrook	Comprehensive Plan	2009
Village of Monee, Peotone, University Park	Green Communities Vision	2009
City of Naperville	Environmental Sustainability Plan	2010
Village of Niles	Environmental Action Plan	2013
City of Normal	Community-Wide Sustainability Plan	2010
Village of Northbrook	Strategic Sustainability Plan	2013
Village of Oak Park/ River Forest	Sustainability Plan	2011
Village of Orland Park	Comprehensive Plan, Sustainability Chapter	2013
Village of Park Forest	Sustainability Plan	2012
Village of Robbins	Green Communities Vision	2004
Village of Schaumburg	Comprehensive Green Action Plan	2008
Village of Sleepy Hollow	Green Communities Vision	2004
Village of Winnetka	Environmental & Forestry Commission, Strategic Plan	2010
City of Woodstock	Environmental Plan	2010
Regional, National, Global Sustainability Guiding E	Documents Analyzed and Integrated into the GRC2	
CMAP	Green Practices Survey	2008
CMAP	Go To 2040	2010
CMAP	Sustainability White Paper	2015
CMAP	Water 2050	2010
Institute for Sustainable Infrastructure	Envision	2014
STAR Communities, ICLEI, National League of Cities	STAR Community Rating System	2012
US Conference of Mayors	Mayors Climate Protection Agreement	2005
Metropolitan Mayors Caucus	Greenest Region Compact	2007
Illinois Parks and Recreation Association	Model Environmental Policy & Toolkit	2008
Smart Cities Council	Smart Cities Index	2014
Municipal Sustainability Guiding Documents Also	Referenced	
Village of Arlington Heights	Green Initiatives	2008
DuPage County	Environmental Policy & Cool DuPage	2010

Green Initiatives	2008
Environmental Policy & Cool DuPage	2010
Sustainability Study	2015
A Plan for Nature	2010
Comprehensive Plan, Sustainability Chapter	2014
Green Community Vision Plan	2012
Green Infrastructure Plan	2005
Green Community Vision Plan	2007
Comprehensive Plan, Sustainability Chapter	2008
Sustainability Report	2014
	Environmental Policy & Cool DuPage Sustainability Study A Plan for Nature Comprehensive Plan, Sustainability Chapter Green Community Vision Plan Green Infrastructure Plan Green Community Vision Plan Comprehensive Plan, Sustainability Chapter

Appendix

Metropolitan Mayors Caucus Environment Committee Member Communities and Councils of Governments

City of Aurora

City of Blue Island

City of Chicago

City of Des Plaines

City of Evanston

City of Highland Park

City of Rockford

Sauk Village

Village of Alsip

Village of Arlington Heights

Village of Blue Island

Village of Cary

Village of Deerfield

Village of Fox River Grove

Village of Frankfort

Village of Franklin Park*

Village of Grayslake

Village of Hainesville

Village of Hanover Park

Village of Hazel Crest

Village of Hoffman Estates

Village of Lakewood

Village of Lemont

Village of Lincolnwood

Village of Lombard

Village of Niles

Village of North Aurora

Village of Northlake

Village of Orland Park

Village of Park Forest*

Village of Richton Park

Village of Schaumburg

Village of Streamwood

Village of Villa Park

Village of Westchester

Village of Woodridge

Barrington Area Council of Governments

DuPage Mayors & Managers Conference

Lake County Council of Governments

Mc Henry County Council of Governments

Metro West Council of Governments

Northwest Municipal Conference

South Suburban Mayors & Mgrs Conference

Southwest Conference of Mayors

West Central Municipal Conference

Will County Government League

*Co-Chair's Community

Logo and icons design: Clint Mcmanus Presentation design: Peggy Shapiro



Greenest Region Compact 2

The member municipalities of the Metropolitan Mayors Caucus seek a vibrant, sustainable future for their communities and the greater Chicago region. The consensus goals of the Greenest Region Compact 2 aim for enhanced quality of life for residents; protection and stewardship of the environment and sustainable economic vitality.

To become the most sustainable and successful region in the United States, they, therefore, support the following consensus goals of the Greenest Region Compact 2 and agree to work to achieve them, both in their own communities and in collaboration throughout the region:



Climate

- · Reduce greenhouse gas emissions
- · Maintain clean and healthful air
- · Develop resiliency to climate change impacts
- Engage the community in climate change mitigation and adaptation



Economic Development

- · Promote innovation and a competitive workforce
- Cultivate local and sustainable development, jobs, and businesses



Energy

- · Use energy for buildings and facilities efficiently
- Advance renewable energy
- Reduce energy consumption
- Enact policies that support clean energy
- Engage the community in clean energy practices



Land

- Encourage strategic development that upholds sustainability principles
- Conserve, restore and enhance natural features and ecosystems
- Support networks of accessible well-used and enjoyable parks
- Sustain a robust urban forest canopy
- Sustain beautiful landscapes that provide ecosystem services
- Achieve greater livability through sustainable land use and housing policies
- Cultivate a conservation ethic in the community



Leadership

- Enlist support for GRC2 goals through regional, state and national leadership
- Advocate for policies that align with and advance the GRC2
- · Work collaboratively towards a sustainable region



Mobility

- · Support safe and effective active transportation
- · Maintain a diverse, safe, and efficient transportation network
- Support efficient transportation that uses resources wisely
- Integrate sustainability into transportation policies, programs, and regulations
- · Promote public and sustainable transportation choices



Municipal Operations

- Lead by demonstrating sustainable values and practices
- Integrate sustainability into all municipal operations
- Operate a safe, clean and efficient fleet
- Collect and manage data to advance sustainability



Sustainable Communities

- Promote cultural vibrancy in the community
- Foster a culture of health, safety, and wellness
- · Increase access to sustainably grown local food
- Sustain community principles that are welcoming, inclusive and equitable
- Promote a sustainable identity for the community
- Ensure local policies and codes support sustainability
- Cultivate community values based on principles of sustainability



Waste & Recycling

- Support sustainable material management
- Recycle materials across all sectors
- · Divert waste from landfills
- · Enact policies that cause sustainable material management
- · Engage the community in waste reduction and recycling



Water

- Use and distribute water efficiently
- Protect and improve and water quality
- Manage water system assets sustainably
- Optimize the use of natural and built systems to manage stormwater
- · Practice stewardship of water resources
- Enact policies to protect water resources
- · Engage the community in water stewardship



Sample Resolution Endorsing the Metropolitan Mayors Caucus' Greenest Region Compact 2

WHEREAS, the Metropolitan Mayors Caucus provides a forum for the chief elected officials of the Chicago region to develop consensus and act on common public policy issues and multi-jurisdictional challenges; and

WHEREAS, the Metropolitan Mayors Caucus' participating Mayors and their communities have a history of environmental stewardship, from energy efficiency, water conservation, urban forestry, and participation in Clean Air Counts; and

WHEREAS, it is important for Mayors and local governments throughout the United States to take leadership roles to advance sustainability both in their own communities and in concert with regional, national and global initiatives; and

WHEREAS, the Metropolitan Mayors Caucus created the Greenest Region Compact 2 to address environmental sustainability issues of global importance at the local level; and

WHEREAS, the Greenest Region Compact 2, also called the GRC2, is built on important environmental initiatives already underway in communities, in partnership with many non-profit, state, regional and national organizations; and

WHEREAS, the GRC2 synthesizes sustainability goals already adopted by leading communities in the region; and these consensus goals align with common regional, state, national and global objectives; and

WHEREAS, the GRC2 offers a companion Framework to guide communities of all sizes and strengths to assess their current efforts; develop a sustainability plan suited to local priorities; and will offer resources to help them succeed; and

WHEREAS, the consensus goals of the Greenest Region Compact 2 will guide coordinated efforts toward enhanced quality of life for residents; protection and stewardship of the environment and sustainable economic vitality.

NOW, THEREFORE, BE IT RESOLVED that the City/Village of ______ endorses the Greenest Region Compact 2 proposed by the Metropolitan Mayors Caucus and agrees to work to achieve them, both in their own communities and in collaboration throughout the region.

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The Metropolitan Mayors Caucus is a membership organization of the Chicago region's 275 cities, towns, and villages. Founded in 1997 by then Chicago Mayor Richard M. Daley and leading mayors from nine suburban municipal groups, the Metropolitan Mayors Caucus pushes past geographical boundaries and local interests to work on public policy issues. The caucus provides a forum for metropolitan Chicago's chief elected officials to collaborate on common problems and work toward a common goal of improving the quality of life for the millions of people who call the region home.

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