

VILLAGE OF LIBERTYVILLE
SUSTAIN LIBERTYVILLE COMMISSION

July 20, 2016
Village Hall Board Room
118 W. Cook Avenue
4:00 p.m.

AGENDA

- 1) Approval of Minutes – May 25, 2016
- 2) SWALCO Presentation
- 3) Solar Rights Information
- 4) Potential Projects/Updates
 - a. Libertyville Days-Doug
- 5) Next meeting date-September 21, 2016
- 6) Adjourn

Any individual who would like to attend this meeting but because of disability needs some accommodation to participate should contact the ADA Coordinator at 118 West Cook Avenue, Libertyville, Illinois 60048 (847) 362-2430. Assistive listening devices are available.

VILLAGE OF LIBERTYVILLE
Sustain Libertyville Commission

Item 1

Minutes
Wednesday, May 25, 2016

A meeting of the Sustain Libertyville Commission was held on Wednesday, May 25, 2016 at 4:00 p.m. at the Libertyville Village Hall. Those in attendance included Chairperson Mary Cotey and commission members Doug Reed, Jerome Lukasik, Joan Sayre, Dave Wilms, Carol Cooper and Dave Neu. Also in attendance was Deputy Village Administrator Kelly Amidei and Darren Boundy and Dave Dougherty from ComEd.

Approval of Minutes

Mary Cotey made a motion to approve the minutes of the March 16, 2016 meeting and Joan Sayre seconded the motion. The minutes were approved by a 7-0 vote.

ComEd Smart Meters

Darren Boundy and Dave Dougherty of ComEd were present to explain to the Commission the upcoming implementation of smart electrical meters in Libertyville. They explained how they work and increase efficiency. After some questions and answers the group agreed it would be good to publicize the efficiency programs.

Potential Projects

The group reviewed the plans for Libertyville days for recycling efforts. Doug Reed has graciously agreed to spearhead the recycling collection at the event and is looking for volunteers. It was hopeful that Walter Willis, Executive Director of SWALCO, could attend our next meeting to discuss the SWALCO initiatives. Kelly will confirm his attendance.

The next meeting was scheduled for Wednesday, July 20, 2016. Mary motioned to adjourn and Doug seconded it. The meeting was adjourned at 5:03 p.m.

Respectfully submitted,

Kelly A. Amidei
Assistant Village Administrator

**Solid Waste Agency of Lake County
60 Percent Recycling Task Force Report
Recommendation Checklist**

Item 2

Village of Libertyville					
2013	2015	2020	2010	2015	2020
Residential PCD Disposal Rate	Residential PCD Disposal Goal	Residential PCD Disposal Goal	Commercial and C&D Sector PCD Disposal Rate	Commercial and C&D Sector PCD Disposal Goal	Commercial and C&D Sector PCD Disposal Goal
2.1 Lbs.	1.6 Lbs.	1.35 Lbs.	2.92 Lbs.	2.52 Lbs.	2.13 Lbs.

Updated 2/1/14

Task Force Recommendations (Section 3)		Meets Recommendation	Notes
Residential			
Implement Recycling Carts (A.1)		Yes	
Annual Hauler/Municipal Provided Education Materials (A.2)		Yes	
Provide PAVT Option in Franchise Contract (C.1)		Yes	Limited option and sticker option
Conduct Pilot Residential Food Scrap Collection (D.1)			
Implement Permanent Residential Food Scrap Collection via Franchise Contract (D.2)			
Encourage Backyard Composting via Local Ordinance (E.2)			
Provide Education on Greenscaping (E.3)			
Include Multi-Family in Franchise or Require Recycling via Ordinance (F.1)			
Mandatory Recycling of Materials (If Disposal Target not met by 2015) (H.1)			
Mandatory Food Scrap Collection (If Disposal Target not met by 2020) (H.2)			
Commercial and C&D Material			
Participate in Business Award/Recognition Program (A.1)			
Promote or Require Recycling via Education or Licensing of Businesses (A.3)			
Enact Local Ordinance Requiring Haulers to Offer Recycling Collection (by July 1, 2013) (D.1)			
Conduct Pilot Commercial Food Scrap Collection (F.2)			
Enact Local Ordinance Requiring Haulers to Offer Food Scrap Collection (by July 1, 2014) (F.3)			
Mandatory Recycling Service (If Disposal Target not met by 2015) (G.1)			
Mandatory Recycling of Materials (If Disposal Target not met by 2020) (G.2)			
Enact Mandatory C&D Material Recycling Ordinance (by Jan 1, 2013) (A.1)			
Supplemental Programs			
Provide or Publicize E-Scrap Collection		Yes	Publicizes collection events
Provide or Publicize Household Chemical Waste Collection			
Provide or Publicize Pharmaceutical Collection			
Implement Commercial Franchise			

C&D - Construction and Demolition
PAVT - Pay As You Throw or Volume Based Disposal
PCD - Pounds Per Capita Per Day

SWALCO Members Per Capita Per Day Disposal Rates

SWALCO Members Per Capita Per Day Disposal Rates (2010 - 2015)

SWALCO Member	Per Capita Per Day Disposal Rate (lbs.)					
	2010	2011	2012	2013	2014	2015
Antioch	1.43	1.34	1.32	1.28	1.37	1.43
Bannockburn				1.33	1.11	1.12
Beach Park	1.43	1.41	1.41	1.39	1.41	1.41
Deer Park	1.31	1.31	1.31	1.31	1.31	1.31
Deerfield	1.01	1.00	1.01	1.01	1.00	1.00
Fox Lake	1.31	1.31	1.30	1.32	1.30	1.30
Grayslake	1.44	1.40	1.34	1.39	1.38	1.33
Green Oaks	1.37	1.36	1.34	1.34	1.34	1.32
Gurnee	1.38	1.35	1.31	1.37	1.30	1.32
Hainesville	1.49	1.49	1.44	1.38	1.35	1.30
Hawthorn Woods	1.29	1.28	1.27	1.29	1.28	1.28
Highland Park	1.24	1.47	1.53	1.49	1.44	1.43
Highwood	1.32	1.32	1.32	1.31	1.31	1.31
Island Lake	1.43	1.57	1.49	1.41	1.47	1.45
Kildeer	1.22	1.21	1.21	1.21	1.21	1.21
Lake Barrington	1.33	1.32	1.32	1.54	1.60	1.46
Lake Bluff	1.33	1.41	1.40	1.46	1.57	1.53
Lake County	1.00	1.00	1.00	1.00	1.00	1.00
Lake Forest	1.27	1.27	1.24	1.40	1.30	1.31
Lake Villa	1.27	1.23	1.27	1.28	1.27	1.27
Lake Zurich	1.34	1.33	1.32	1.32	1.31	1.31
Libertyville	1.07	1.03	1.03	1.04	1.04	1.57
Lincolnshire	1.58	1.57	1.57	1.58	1.57	1.57
Lindenhurst	1.28	1.28	1.28	1.28	1.28	1.28
Long Grove	1.22	1.20	1.20	1.21	1.20	1.20
Mundelein	1.32	1.32	1.28	1.30	1.31	1.31
Navy Housing					1.32	1.51
North Barrington	1.34	1.32	1.32	1.33	1.34	1.34
North Chicago	1.30	1.30	1.30	1.30	1.30	1.30
Park City	1.41	1.41	1.37	1.36	1.31	1.30
Port Barrington	1.00	1.35	1.30	1.35	1.30	1.30
Riverwoods	1.31	1.30	1.30	1.32	1.30	1.30
Round Lake	1.32	1.31	1.31	1.32	1.32	1.48
Round Lake Beach	1.41	1.59	1.50	1.60	1.55	1.40
Round Lake Heights	1.00	1.32	1.30	1.34	1.30	1.30
Round Lake Park	1.30	1.30	1.30	1.52	1.05	1.05
Third Lake	1.32	1.30	1.30	1.30	1.30	1.30
Tower Lakes	1.21	1.55	1.56	1.31	1.31	1.46
Vernon Hills	1.49	1.49	1.47	1.50	1.58	1.57
Volo						1.30
Wadsworth	1.20	1.20	1.20	1.20	1.20	1.20
Wauconda	1.30	1.30	1.30	1.30	1.30	1.30
Waukegan	1.00	1.00	1.00	1.00	1.00	1.00
Winthrop Harbor	1.00	1.00	1.00	1.00	1.00	1.00
Zion	1.32	1.32	1.32	1.30	1.30	1.30
Average PCD Disposal Rate	1.34	1.34	1.34	1.34	1.34	1.34
Total Tons of Waste Generated	175,518.20	170,790.94	162,995.19	163,112.86	177,634.08	177,397.00
Total Number of Households	170,061	169,937	169,972	169,666	182,095	184,549
Total Calculated Population	508,523	503,823	500,203	497,792	533,174	538,309
Meets 2015 Goal of 1.6 PCPD	1	1	1	1	1	1
Meets 2015 Goal of 1.6 PCPD	6	7	7	9	8	9
Disposal Rate	42	42	42	43	45	45

Item 3

most popular

e-mail address

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Solar Rights: Access to the Sun for Solar Systems

Consumers Access to the Sun

- How Solar Works
- History of Solar Energy
- Energy Efficiency First
- Interconnection
- Net Energy Metering
- Questions & Answers
- Solar and Fire Safety
- Solar Pricing and Financing
- Solar Rights
- Tax Credits

Many solar consumers have questions about whether their neighbors can block access to their solar panels with shading, and whether Covenants, Codes, and Restrictions (CC&Rs) can limit the use of solar. State laws in California protect homeowner access to the sun for solar systems, and these laws have been in place for more than 30 years.

Many homes today are part of planned communities that require a uniform and consistent appearance within the development. According to the Community Association Institute, more than 60 million Americans live in community associations. Unfortunately, planned communities can sometimes try to limit the growth in the use of solar energy, which makes the California Solar Rights Act and the Solar Shade Act popular and important information for homeowner's considering to go solar.

Solar Rights Act

The Solar Rights Act was created in 1978 (AB 3250, 1978), and it created a legal framework for solar access. The law includes protections to allow consumers access to sunlight (and prevent shading of systems) and to limits the ability of homeowner associations (HOA) and local governments from preventing installation of solar energy systems.

The Solar Rights Act sought to promote and encourage the widespread use of solar energy and to "protect and facilitate adequate access to the sunlight which is necessary to operate solar energy systems." Even though the law is more than 30 years old, the Solar Rights Act contributes significantly to California's strong policy commitment to solar energy, and the policy rationale for the Act is relevant today and continues to support California's solar energy policy initiatives.

- The Solar Rights Act balances the needs of individual solar energy system owners with other property owners by developing solar access rights.
- The Act limits the ability of covenants, conditions, and restrictions, typically enforced by homeowner associations (HOA), and local governments to restrict solar installations. These are perhaps the most well known and important provisions.
- But the Act also creates the legal right to a solar easement and requires local governments to preserve passive cooling and heating opportunities to the extent feasible in new development projects.

Solar Shade Act

The Solar Shade Act (AB 2321, 1978) provides limited protection to solar energy system owners from shading caused by trees and shrubs on adjacent properties. The law seeks to prevent a property owner from allowing trees or shrubs to shade an existing solar energy system installed on a neighboring property, provided the shading trees or shrubs were planted after the solar collecting device was installed.

Useful Links and Information on Solar Rights

There are two helpful reports written by the Energy Policy Initiative of the University of San Diego's School of Law about the Solar Rights Act and the Solar Shade Act:

- [Solar Rights Act: A Review of the Statutes and Relevant Cases](#) (Updated December 2014, PDF)
- [California's Solar Shade Control Act: A Review of the Statutes and Relevant Cases](#) (March 2010, PDF)

There is a U.S. Department of Energy Report on private land use restrictions and Solar:

- *Bringing Solar Energy to the Planned Community: A Handbook on Rooftop Solar Systems and Private Land Use Restrictions.* You can [download this report](#) as an Adobe Acrobat PDF file (62 pages, 1.0 MB).
- The DOE report notes the problem:

"The problem arises in the context of the association's architectural controls, commonly found in its declaration of covenants, conditions and restrictions (CC&Rs). The developer creates these CC&Rs to ensure the uniform appearance and preserve the 'curb appeal' of the project throughout its construction and build-

out phase. After the development phase is completed, the responsibility for interpreting and enforcing the architectural controls is passed onto a Homeowner Association and its Architectural Review Committee made up of elected members of the community. In the hands of an overzealous ARC, CC&Rs can become a straightjacket to solar development."

The following link is a page on the Office of the State Office of Historic Preservation on the Solar Rights Act:

- [The California Solar Rights Act and Historic Resources](#)

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Village of Libertyville

2016 Recycling Analysis

Collection Period	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Total Weights (Tons)	192.64	168.74	192.23	180.24	211.68	204.68							1150.21
% (Paper Products)	67%	67%	67%	67%	67%	67%	67%	67%	67%	67%	67%	67%	67%
Weight (Paper Products)	129.07	113.06	128.79	120.76	141.83	137.14	0.00	0.00	0.00	0.00	0.00	0.00	770.64
% (Commingled)	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%	33%
Weight (Commingled)	63.57	55.68	63.44	59.48	69.85	67.54	0.00	0.00	0.00	0.00	0.00	0.00	379.57
Municipal Solid Waste (Tons)	359.93	329.78	362.77	385.31	469.23	430.32							2337.34
Compost (Yards)	102	0	0	441.00	409.00	428.50							1381

Refuse Recycling Starts