

AGENDA
SUSTAINABILITY COMMISSION
September 15, 2016
7:00 P.M.
COMMUNITY CONFERENCE ROOM 206

1. Consideration of Minutes of June 23, 2016
2. Public Comment
3. Energy Assessment Program
4. Water Assessment Program
 - a. Farmers Market Booth Recap
5. Other Items for Discussion
 - a. Caron Wenzel Monarch Presentation at PTC – Oct. 1
 - b. Business Electronics Collection – Sept. 13
 - c. Walk Audit – Oct. 3
6. Next Meeting Date and Time – Oct. 13

**MEETING MINUTES
SUSTAINABILITY COMMISSION
June 23, 2016**

A meeting of the Sustainability Commission was held on Thursday, June 23, 2016 at 7:00 pm at Deerfield Village Hall, 850 Waukegan Road, at 7:00 PM in the Community Conference Room 206. Chairman Don Anderson called the meeting to order at 7:00 PM.

In attendance were:

Present:

Don Anderson, Chairman
Daniel Dorfman
Richard Heller
Laurie Leibowitz
Gloria Threats

Absent was:

Brian Wolkenberg
Michael Shalen

Also present:

Andrew Lichterman, Assistant Village Manager

Amy Call

Jennifer Stadelmann

Approval of Minutes

Commissioner Heller made of motion, seconded by Commissioner Threats to approve minutes of the April 14, 2016 and May 19, 2016 Sustainability Commission meetings.

Public Comment

Deerfield resident, Amy Call noted the importance of the native plantings and is concerned about the creek clearing work that was recently completed. She also encouraged the removal of buckthorn in the area. She also inquired about the Village's position on composting and supporting rain barrels. Commissioner Leibowitz noted that the Commission passed composting regulations a few years ago that were subsequently approved by the Village Board and that we promote SWALCO rain barrel sales annually.

Deerfield resident, Jennifer Stadelmann noted that she and Ms. Call are co-leads of the Walden GreenTeam. She works at Siemens and would like to help grow the partnership between the Village and the school.

Energy Assessment Program – District 109 Earth Day Activities

Commissioner Wolkenberg provided an after action report of the Earth Day activities at District 109. He noted that one of the questions yet to be answered is if the program is appropriate for the various grade levels. The goal is to build excitement around the programs so that students bring the activities home to their parents and increase awareness. He noted the intention is to expand beyond Kipling and include all District 109 schools. Various strategies and tactics will need to be identified to achieve this objective.

Kipling Principal McConnell will also need support in order for these activities to expand to other District school. He noted this year's activities were a pilot test to ensure appropriateness. Mr. Lichterman noted the website received 10 unique hits from the link that was provided to Kipling.

Water Assessment Program – DHS Earth Day Activities

The Commission agreed to host a booth at the Farmers Market on August 13 from 9-11AM. The Commission will host a water taste test to see if residents can tell the difference between bottled water and tap water, while also promoting water conservation efforts. The Commission will also provide toilet leak detection tablets, sell re-usable water bottles and give away milkweed seeds.

Chairman Anderson requested Mr. Lichterman work with Commissioner Leibowitz to finalize logistics for the event.

Other Items for Discussion

Mayors Monarch Pledge

Mr. Lichterman reported that the Village continues to pursue tasks with respect to the Mayor's Monarch Pledge. He noted that the Village applied for a milkweed grant and expects to receive 500 milkweed plants this fall. The Village will work to create a milkweed planting event in the coming months.

Adjournment

The meeting was adjourned at 8:00 pm.

Respectfully submitted,

Andrew Lichterman
Assistant Village Manager

2107Edgewood Drive
Woodstock IL 60098

Phone 815.338.4716
E-mail
cwenzel@blazing-
star.com

Caron Wenzel

Education	1972 - 1975 Illinois State University Bloomington IL BA, Columbia College of Missouri -2002 General Studies/Psychology :Graduated with Honors Endorsements in Earth Partnership for Schools University of Wisconsin Madison
Professional experience	Present- Work with many organizations and businesses in environmental education and training and adjunct faculty at the College of Lake County Horticulture and Permaculture 1996 – 2009 :McHenry County Schools Environmental Education Program Woodstock, IL <ul style="list-style-type: none">▪ Teach K-12 Environmental Education classes and Teacher recertification classes in partnership with other public institutions. Environmental writer and speaker for various publications.▪ Author/writer. Feature writer <i>Garden and Greenhouse</i> and co-author <i>Eco-yards</i>▪ Registered Environmental Educator Garden Clubs of Illinois
Additional professional activities	Owner of Blazing Star Inc. A native plant nursery and environmental restoration consulting company founded in 1990. Various educational consulting and restoration plans for many school districts, and other public and private clients. Curriculum development/ teacher certification for clients since 2000. References on upon request
Professional memberships	Chair, Bioneers at MCC Conference; Transportation Commission, City of Woodstock; Since 2000. Past: Wild Ones National Education Committee; McHenry County Defenders Board member five years
Objective	Connect people with the environment through education “ <i>The World Should be a Garden</i> ”

The Monarch Butterfly



Because Beauty is Important

National Geographic report on Monarchs:

- Monarch butterflies are known for the incredible mass migration that brings millions of them to California and Mexico each winter. North American monarchs are the only butterflies that make such a massive journey—up to 3,000 miles (4,828 kilometers). The insects must begin this journey each fall ahead of cold weather, which will kill them if they tarry too long.

Monarch stats

Fast Facts

Type:

Bug

Diet:

Herbivore

Average life span in the wild:

Up to 6 to 8 months

Size:

Wingspan 3.7 to 4.1 in (9.4 to 10.5 cm)

Weight:

.0095 to .026 oz (.27 to .75 g)

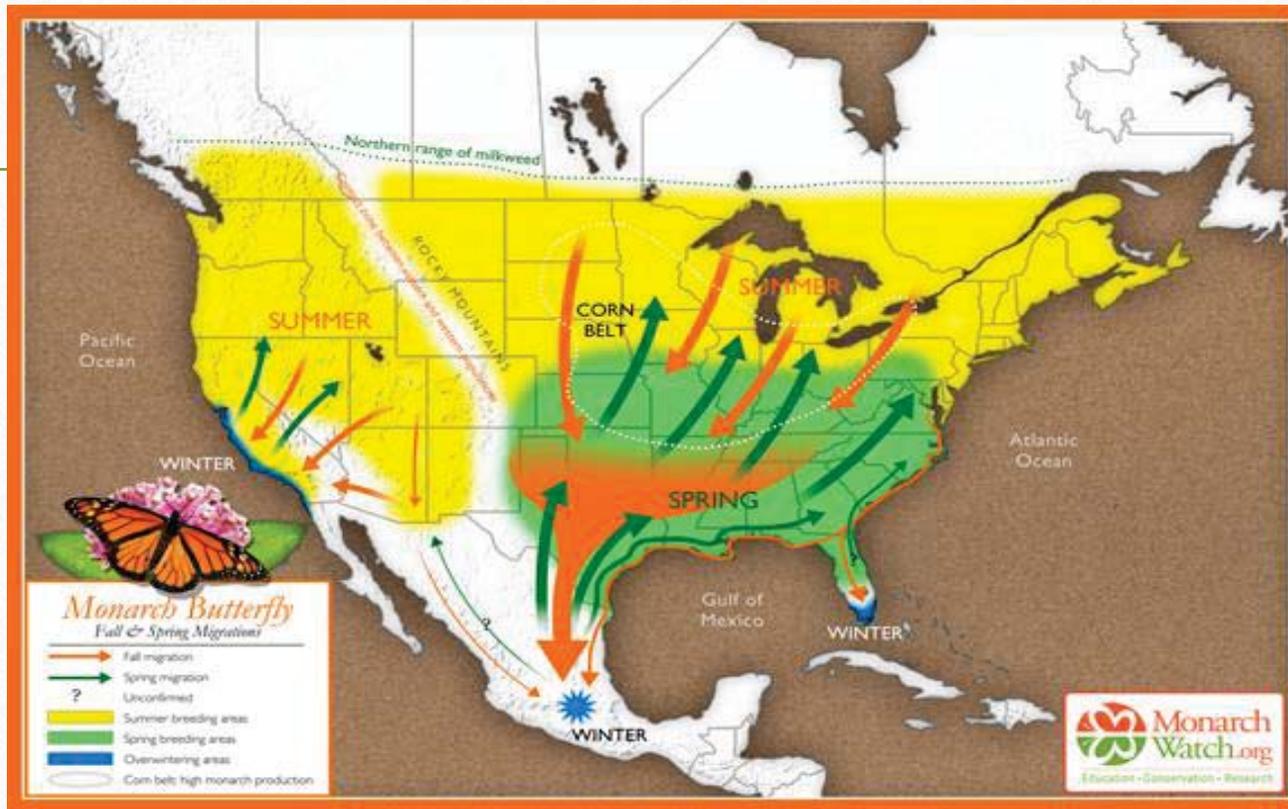
Group name:

Flutter

Range yellow on the map



Monarch Migration



Monarchs in America

- From the World Wildlife Fund website: Monarch butterflies embark on a marvelous migratory phenomenon. They travel between 1,200 and 2,800 miles or more from the United States and Canada to central Mexican forests!

Diet

- In their larval stage monarch caterpillars feed almost exclusively on milkweed and as adults get their nutrients from the nectar of flowers. The monarch will always return to areas rich in milkweed to lay their eggs upon the plant. The milkweed they feed on as a caterpillar is actually a poisonous toxin and is stored in their bodies. This is what makes the monarch butterfly taste so terrible to predators

Did You Know?

Monarchs can travel between 50 - 100 miles a day; it can take up to two months to complete their journey to winter habitats.

- **Behavior**
- Monarchs can produce four generations during one summer. The first three generations will have life spans from 2 - 6 weeks and will continue moving north.
- The fourth generation is different and can live up to nine months. These are the butterflies that will migrate south for winter to either Mexico or southern California.

Threats to Monarch Butterflies

- Climate Change – Storms and longer migrations needed
- Habitat Loss- No food plants for the larva or adult monarchs.
- The forest in Mexico is cut down.

Monarch Caterpillar Changes to Butterfly



What we can do to help

- Plant Milkweeds and native plants to increase habitat where Monarchs live.
- **Collecting Milkweed Seeds for Monarch Watch** in support of our [Bring Back the Monarchs](#) conservation campaign? Use [this link](#) to go to the "[Seed Collecting & Processing](#)" page to find out how to send them to us or click on the graphic below to learn more about Monarch Watch's [Bring Back the Monarchs](#) conservation campaign. Thank you for your interest and support!other native plants to increase habitat

Some good news!

- IUCN has designated the monarch migration a **threatened phenomenon**. In 1986, the Mexican government created the Monarch Butterfly Biosphere Reserve which protects 62 square miles of forests in the Sierra Madres where hundreds of million of monarchs spend each winter. The Biosphere Reserve was expanded to include 217 square miles in 2000. Local organizations are also working to stop the illegal harvesting of trees on the reserve to protect wintering habitat.

Who to Contact

- Defenders of Wildlife: www.defenders.org
- Monarch Watch: www.Monarchwatch.org
- Xerces Society: www.xerces.org
- Follow National Geographic news and information

From: [Kent Street](#)
To: [Anne Nagle](#)
Cc: [Andrew Lichterman](#); [Mayor Harriet Rosenthal](#)
Subject: RE: Deerfield Contact Staff - CONSEG/IBJI Program with Mark Fenton
Date: Thursday, August 25, 2016 4:28:09 PM

Dr. Nagle-

Thank you for the information. We will discuss the opportunity and contact you.

Thanks again,

Kent

-----Original Message-----

From: Anne Nagle [<mailto:annemnagle@gmail.com>]
Sent: Thursday, August 25, 2016 3:58 PM
To: Kent Street <kstreet@deerfield.il.us>
Subject: Deerfield Contact Staff - CONSEG/IBJI Program with Mark Fenton

First Name: Anne
Last Name: Nagle
Address: 1139 Manor Drive
City: Wilmette
State: IL
Zip: 60091
Phone: 312-560-7212
Comment: Dear Mr. Street

I am writing to you on behalf of the North Shore Consortium of Environmental Groups (CONSEG) and the Illinois Bone and Joint Institute (IBJI). CONSEG represents nineteen north and northwest suburbs, including Deerfield. (Buffalo Grove, Deerfield, Evanston, Glencoe, Glenview, Highland Park, Kenilworth, Lake Bluff, Lake Forest, Libertyville, Mount Prospect, Mundelein, Northbrook, Northfield, Park Ridge, Riverwoods, Skokie, Wilmette, and Winnetka)

This October, CONSEG and IBJI are hosting an Active by Design Summit with Mark Fenton. The keynote address and summit is being held at the Chicago Botanic Garden on Tuesday, October 4, 12:30-3:30pm.

Mr. Fenton is a leading national public health, planning and transportation consultant, an adjunct associate professor at Tuft's University, and the former host of the "America's Walking" series on PBS television. Mr. Fenton's expertise is working with communities across the United States to evaluate and build environments, programs, and policies that support opportunities for walking and bicycling as part of one's daily lifestyle. The Active by Design Summit is intended for community stakeholders, including village managers, planners, engineers, elected officials, public works, public health and safety, chamber of commerce and business leaders, park districts and schools.

On Monday October 3rd and Tuesday morning, Mr. Fenton will be available to host walk-audits in some of our CONSEG communities. The audit usually encompasses an area about 1-1.5 miles in your community where there might be an interest in improving safe opportunities for walking/bicycling. The audit would last approximately an hour and a half. IBJI is funding the summit and walk audits, so this would come at no cost to Deerfield.

I sent a letter introducing the summit to Mayor Rosenthal. I will follow-up with registration information. If you would be interested in scheduling or learning more about a walk audit for Deerfield, please contact me.

I look forward to welcoming you and others from Deerfield to our summit on October 4.
Thank you.

Sincerely,

Anne Nagle, MD
Go Green Wilmette, Board Member
annemnagle@gmail.com
Cell: 312-560-7212