

THE VILLAGE OF
Buffalo Grove
ILLINOIS

2018

**ENVIRONMENTAL
PLAN**



Table of Contents

Introduction.....	2
Regional Leadership & Partners	2
A. The Greenest Region Compact 2	2
B. Solid Waste Agency of Northern Cook County (SWANCC).....	2
C. Buffalo Grove Environmental Action Team (BG EAT).	2
Water Conservation and Quality.....	3
A. WaterSense program.....	3
B. Buffalo Creek Clean Water Partnership (BCCWP).	3
C. Stream water sampling and analysis.	3
Waste Recycling	4
A. Holiday lights recycling program.....	4
B. Residential recycling program.	4
C. Recycling at Village Hall.	4
D. Electronics Recycling & Document Destruction Event.....	5
Energy Efficiency	5
A. Performance Contracting.....	5
B. Efficient Lighting	5
Planning and Development	6
A. Review Development Projects In the Context of Environmental Sustainability.....	6
Reforestation	6
A. Parkway Tree Planting.....	6
Outreach and Education	7
A. Environmental Fair.....	7
B. Earth Hour Promotion.	7
C. Promotion of Pace bus services	7
D. Promote utilizing alternate modes of transportation to work to Village employees.	7

Introduction

For the past decade, the necessity to take active stewardship on environmental issues has been paramount. Buffalo Grove has responded by:

- Establishing an Environmental Committee,
- Developing and implementing a number of environmentally-friendly policies and programs which have benefited the community,
- Coordinating with local, regional and state partners on environmental initiatives.

The Village's 2018 Environmental Plan includes a detailed overview of on-going and proposed initiatives for calendar year 2018.

Regional Leadership & Partners

- A. THE GREENEST REGION COMPACT 2 (GRC2) presents consensus goals for environmental sustainability to be addressed by local municipalities, yet it will have coordinated, positive impacts on a much larger scale.

The ten sustainability areas addressed by GRC2 are climate, economic development, energy, land, leadership, mobility, municipal operations, sustainable communities, waste & recycling, and water. Within each area are goals of interest to all communities and aligned with important regional, national and global goals

Goal – The Environmental Committee will bring to the Village Board a discussion on the process of transitioning the Environmental plan to a Sustainability plan using the GRC2 sustainability framework as a guide to develop the new plan.

- B. SOLID WASTE AGENCY OF NORTHERN COOK COUNTY (SWANCC). The Village is a member of the SWANCC which is an organization that provides programs, resources, presentations and workshops to educate about solid waste technologies and the benefits of waste reductions practices. www.swancc.org.
- C. BUFFALO GROVE ENVIRONMENTAL ACTION TEAM (BG EAT). BG EAT is a group of community volunteers sponsored by the Buffalo Grove Park District. The Environmental Action Team of Buffalo Grove strives to raise awareness, improve the community's natural environment and encourage sustainability practices for present and future generations. The Village coordinates with BG EAT on a myriad of initiatives as set forth within this Environmental Plan.
- D. BUFFALO CREEK CLEAN WATER PARTNERSHIP (BCCWP). the Buffalo Creek Clean Water Partnership organization was established in 2012. Their goal is to improve flood control, reduce erosion, improve water quality and enhance ecosystems throughout the watershed.

Water Conservation and Quality

A. WATERSENSE PROGRAM. In March, 2011 the Village joined the United States Environmental Protection Agency's (EPA) WaterSense Program. WaterSense seeks to protect the future of our nation's water supply by offering people a simple way to use less water with water-efficient products and services. Additionally, the Village of Buffalo Grove recently updated its code to require WaterSense products when new plumbing fixtures are added, or existing fixtures are replaced. <https://www3.epa.gov/watersense/>. Buffalo Grove will use the electronic newsletter and web site to promote "WaterSense" throughout the year.

Goals:

- Web site promotion ongoing
- Village newsletter March/April
- Electronic newsletter March, May, July

B. BUFFALO CREEK CLEAN WATER PARTNERSHIP (BCCWP). The BCCWP completed development of a watershed-based plan in 2015. The Village Board passed a resolution in June of 2016 supporting the BCCWP watershed-based plan.

In 2017 the Public Works Department and BCCWP completed a detention basin retrofit to the west of Village Hall. Staff will work with the BCCWP to review the completed project and determine the feasibility of future detention basin retrofits.

Goals:

- Promote [BCCWP](#) website ongoing
- Presentation to Village Board TBD
- Habitat restoration by BCCWP ongoing
- Detention basin retrofit ongoing
- Outreach and Education Quarterly
- Continue to work with [DRWW](#) ongoing

C. STREAM WATER SAMPLING AND ANALYSIS. Continue to manage a program to conduct stream water sampling. The purpose of the program is to identify if there are specific pollutants in the water stream such as fecal coliform, phosphorous and chlorides, and possibly the sources of pollution; to determine trends; and to screen for impairment. Finding excessive levels of one or more chemical constituents can serve as an early warning "screen" of potential pollution problems.

Goals:

- Report from 2017 sampling March
- 2018 sampling October
- Analysis of sampling results ongoing
- Share results with BCCWP April-May

Waste Recycling

A. HOLIDAY LIGHTS RECYCLING PROGRAM. The first year that the Village offered its residents an opportunity to recycle holiday lights at Village Hall was 2010. For the 2016/2017 season, a total of 644 pounds were collected. For the 2017/2018 season, through December 31, 2017, the Village has collected over 400 lbs. of holiday lights so far this year. The 2017/2018 season program totals will be available in April 2018.

Goals:

- Web site promotion ongoing
- BGTV ongoing
- Village newsletter November/December
- Press release January, November

B. RESIDENTIAL RECYCLING PROGRAM. In 2012, the Village entered into a refuse, recycling and landscape contract with Waste Management for all residential properties in Buffalo Grove. The contract was awarded following a Request for Proposal process approved by the Corporate Authorities. Information about the contract will continue to be communicated to Village residents with an emphasis on the recycling program. During Calendar Year 2017 Waste Management collected 4,244.11 tons of material from Buffalo Grove residents to be recycled. This is an increase of an estimated 1,300 tons over the prior year. More information about Waste Management's sustainability efforts can be found at <http://sustainability.wm.com/>

Goals:

- Web site promotion ongoing
- BGTV ongoing
- Village newsletter March/April
- Press release March/April
- Electronic newsletter March/April

C. RECYCLING AT VILLAGE HALL. The Village offers residents the opportunity to drop off for recycling a number of items not allowed to be disposed through the curbside program and could pose a threat to the environment if disposed of through landfilling. The recycled items include sharps waste, prescriptions/expired medications, batteries, and fluorescent lights. In 2017 the Village and its residents were able to recycle and/or divert 2,919 lbs. of batteries; 3,480 lbs. of expired and unwanted drugs; 1,864lbs. of sharps and 2,736 fluorescent light bulbs from area landfills.

Goals:

- Web site promotion ongoing
- BGTV ongoing
- Village newsletter July/August
- Electronic newsletter Quarterly

D. ELECTRONICS RECYCLING & DOCUMENT DESTRUCTION EVENT. The event is tentatively planned for Fall 2018. The Village will coordinate with Hamilton Partners for use of the parking lot at 151 Hastings in Buffalo Grove where the event is anticipated to be held. The Village partners with a volunteer member of our business community, Block & Company, for this event which is provided in conjunction with SWANCC, and the Buffalo Grove Environmental Action Team. Last years event resulted in the collection of a total of 35,549 lbs. of used electronics being able to be recycled and 18,640 lbs. of personal documents being safely shredded and recycled. The Village of Buffalo Grove also maintains an account with Midwest Computer Recycling, Inc which recycles municipally owned electronic material.

Goals:

- Secure site March
- Prepare marketing plan May
- Review site logistics June
- Event management September

Energy Efficiency

A. PERFORMANCE CONTRACTING As a part of the Performance Contract, the Village partnered with Siemens to install an electric car charging station at the Arboretum Clubhouse.

B. EFFICIENT LIGHTING The Village will continue to seek out grant funding sources to upgrade the remaining High Pressure Sodium lights to more energy efficient LED.

Goals:

- Publicize Electric Car Charging Station April 2018
- Seek out Grant funding ongoing

Planning and Development

A. REVIEW DEVELOPMENT PROJECTS IN THE CONTEXT OF ENVIRONMENTAL SUSTAINABILITY. Examine all planning and development projects in the environmental sustainability context. This includes encouraging development patterns and projects that promote public transit, walking, and bicycling usage, as well as considering green infrastructure projects where appropriate, and promoting energy-efficiency improvements in existing and proposed developments.

Goals:

- Review development projects in context of environmental sustainability. ongoing

Reforestation

A. PARKWAY TREE PLANTING. The Village remains committed to diversifying the urban forest. This year, we anticipate the tree replacement program to return to more normal levels. All species and locations of replacement trees will be selected by the Village to ensure proper diversity of our urban forest moving forward. This diversity of our urban forest will help prevent against situations like the Emerald Ash Borer infestation in the future.

Goals:

- Resume normal tree replacement program November

Outreach and Education

- A. ENVIRONMENTAL FAIR. Assist the Buffalo Grove Environmental Action Team with the coordination of the annual Buffalo Grove Green Fair. The Fair is tentatively scheduled to be held at Rylko Park on Sunday **June 24, 2018** from 8:00 am – 12:30 pm adjunct to the Farmers Market. The BGEAT Team will be collecting a myriad of items for recycling and reuse.

Goals:

- Promotion of Environmental Fair May-June

- B. EARTH HOUR PROMOTION. On Saturday March 24, 2018 at 8:30 PM Lights around the globe are encouraged to be turned off for Earth Hour; individuals were also encouraged to commit to actions that go beyond the hour. Earth Hour started in 2007 in Sydney, Australia when 2.2 million individuals and more than 2,000 businesses turned their lights off for one hour to take a stand against climate change. With almost 5 million supporters and a global network in over 100 countries/territories, Earth Hour is now one of the world's largest and most respected movements. Earth Hour is organized by the World Wildlife Fund (WWF). WWF's mission is to stop the degradation of the Earth's natural environment and build a future where people live in harmony with nature.

Goals:

- Promotion & public education February/March

- C. PROMOTION OF PACE BUS SERVICES. Pace is the Suburban Bus Division of the Regional Transportation Authority. The Village will promote this commuter program through web links on the Village's web site.

http://www.pacebus.com/sub/bus_system/buffalo_grove_tc_map.asp

Goal:

- [Pace](#) website Promotion Ongoing

- D. PROMOTE UTILIZING ALTERNATE MODES OF TRANSPORTATION TO WORK TO VILLAGE EMPLOYEES. Encourage the public and Village employees to bicycle and utilize public transportation for travel to work during the Bike to Work Challenge June 16-30, 2018 sponsored by the Active Transportation Alliance

Goals:

- Promotion & public education, Bike to Work Week May
 - Participation & promotion, for Village employees. June
-

Village Officials:

President Beverly Sussman
Trustee Jeff Berman
Trustee Andy Stein
Trustee Les Ottenheimer
Trustee David Weidenfeld
Trustee Joanne Johnson
Trustee Eric Smith
Village Clerk Janet Sirabian
Village Manager Dane Bragg

Village of Buffalo Grove Environmental Committee:

David Weidenfeld , Board of Trustees Liaison
Brett Robinson, Purchasing Manager
Michael Reynolds, Director of Public Works
Mike Skibbe, Deputy Director of Public Works
Brian Sheehan, Building Comm.
Nicole Woods, Village Planner
Darren Monico, Village Engineer

*A desire for the future to be as
good as you want it to be.*

