



Riverwoods

V I L L A G E V O I C E

Riverwoods Village Voice
November-December 2022
Volume 26/Issue 6
Riverwoods.gov



WHAT TO DO WITH ALL THOSE LEAVES

*By Allison Thielen
Riverwoods Preservation Council*

As colorful autumn leaves fall from the trees each year, some residents find beauty in the red, yellow, and orange seasonal blanket on the cooling ground, while others may see a ton of work or a big expense ahead of them as they blow, rake, or mow the leaves to remove them (or hire someone to do it). Regardless of how you feel about them, leaves provide benefits in the yard and garden aside from their beauty.

For those that prefer to remove fallen leaves, there is so much more potential for them than sending them to a landfill or burning them. Leaves provide nutrients to our lawns, trees, landscape plants, and vegetable gardens. Collected leaves can be used for mulching around cold tender plants such as roses to help protect these plants during the winter. They can be added to flower beds or vegetable gardens to add organic matter to be broken down for added soil nutrients. Leaves can also be added to a compost pile to be broken down over time. Consider leaving them in place or using them on your property this year.

LAWN AREAS

Where your lawn and trees exist together,

mulching the leaves with a mower lets the small pieces fall between grass blades, benefiting the soil, trees, and lawn and providing natural fertilizer. If there is a thick layer of leaves on your lawn, mow and bag the leaves to avoid smothering the grass.

NATURAL WOODLAND AREAS

Leaves play a part in preserving the natural habitat of native trees, shrubs, and flowers. Fallen leaves in natural areas will decompose and return valuable nutrients to the soil to be used by the soil microbes that in turn support plant growth. You can also blow or rake leaves from your lawn into natural areas.

VEGETABLE GARDEN

Where the vegetable garden is adjacent to the lawn, consider either mowing or blowing the leaves into the beds to be worked in either late this fall or left as a mulch layer for the soil and worked into the soil next spring.

COMPOST PILES OR BINS

You can use collected leaves to start a compost pile or build upon the one you already have.

Good Growing Tip: If you are concerned about harming insects that overwinter in leaf material, you could leave an area of your lawn untouched to provide these insects a habitat for the winter. You could also use practices that are less likely to damage the insects such as blowing or raking the leaves into piles.



VILLAGE
GOVERNMENT

Riverwoods Village Board

1st and 3rd Tuesdays at 7:30pm.
November 15, December 6, 20 and
January 3 and 17.

Riverwoods Plan Commission

1st Thursdays at 7:30pm.
December 1, January 5 and February 2.

Meetings are generally held at Village
Hall, 300 Portwine Road.

Meetings are open to the public and
residents are encouraged to attend.

During COVID meetings may be
virtual. Please check the website.

GET INVOLVED
IN RIVERWOODS

**Riverwoods Preservation
Council (RPC)**

David Shimberg, President
RiverwoodsRPC@gmail.com

**Riverwoods Residents
Association (RRA)**

Jill Kaplan
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jedma1@yahoo.com

Riverwoods Book Club

June Melber
847-940-7086
argos501@aol.com

Plant Sale Committee

Rich Koomjian
312-520-6370
rkoomjian@gmail.com

**Brushwood Center
at Ryerson Woods**

Catherine Game
Executive Director
cgame@brushwoodcenter.org

What a glorious fall!

Our first Halloween event in quite
some time was a brilliant success
thanks to our dedicated Village Hall
staff! We learned that the number
of young families here in Riverwoods
has dramatically increased. It was
a good time to solicit comments on
design features being considered for
a play area. Those comments will be
incorporated into an overall design for
a play area that is anticipated to be
presented to the Board in December.

Looking back over 2022, we saw the
Plant Sale & Clean Up Day return, we
had a concert by Riverwoods' band
NorthShore Line, a garage sale, the
Halloween party, and a definite perk
of the position - I had the pleasure of
conducting a wedding ceremony.

On the business side, we implemented
a new website, we started the work
to transition our financial and utility
management system to a municipality-
focused system, we completed
amicable contract negotiations with our
Police Department, and promoted two
of our officers to more senior positions.
Importantly, as reported by our Finance
Trustee Mike Clayton, the Village
remains in stable financial condition
entering the budgeting season.

As we look forward to 2023, there is
a proposal currently being considered
by the Plan Commission regarding
the Federal Life property. As with all
development proposals, concerned
residents should keep informed by
attending Plan Commission meetings.
We will also post information on our
website as it becomes available.
At this point, however, there is no
recommendation from the Plan
Commission or action in front of the
Board.

An equally important, but less
obvious, project is the continuation
of the work to establish a structure
and staff that will serve the Village
more efficiently, and with consistency,
in the future. This has tended to get
set aside to respond to individual
projects. We hope to make more
progress in 2023.

Be safe during the upcoming holiday
season! Please remember to support
our local businesses where and
when you can. And remember to be
thoughtful, and respectful, of your
neighbors!

Respectfully,

Kris Ford
Mayor of Riverwoods



Riverwoods Village Board of Trustees Meeting Notes

The following is a summary of topics and actions by the Board of Trustees from the September and October Board of Trustees meetings. Read the details in the minutes, including the current Police Reports and Plan Commission Reports on the Village of Riverwoods website at www.riverwoods.gov.

The Pledge of Allegiance was led by Cub Scout Cooper Solomon of Riverwoods at the October 11 meeting.

COMMUNITY DEVELOPMENT

Building – Permits for new and existing homes have increased significantly over prior years. Properties on Duffy Lane and 1400 Saunders have indicated they will request permits for new homes.

Economic Development – SB Friedman has been engaged to conduct an economic impact study on how population growth may impact the Village.

Thornton’s – Construction is moving along, however, there may be a delay in obtaining a transformer.

Development – The Plan Commission reported discussing planned unit developments (PUDs), and Affordable Housing issues at its September meeting. Lexington Homes sent preliminary information to the Plan Commission for the October meeting. The Plan Commission will have a series of meetings to discuss the Lexington Homes proposal extending through December.

Finance – Projections for the General, Water, Sewer and Capital Funds are nearing completion. Projections will be used in the budgeting and appropriations recommendations for 2023.

Safety – The Board received a presentation on Flock cameras.

The cameras are an investigative tool to capture information on vehicles and license plates for alerts on active warrants, Amber Alerts, theft and other crimes. The information is secured and only shared with law enforcement.

ORDINANCES, RESOLUTIONS AND BOARD ACTIONS OF INTEREST

Storm Water Management – The Board approved the development of a comprehensive plan by GHA for storm water management. The plan is required to obtain grants and other financial assistance for projects intended to mitigate damage from storm water.

Building Maintenance – The Board approved contracts for painting and roof repair for Village Hall.

Staffing – The Board approved the extension of the contract with GovTemps for assistance in the staffing of the Finance Department and transition to the new financial system.

Deerfield Road Path – The Board approved a contract for the rehabilitation of the Deerfield Road Path to begin in the spring of 2023.

Finance Workshop – The Board conducted a workshop to discuss and review proposed five year projections for the General, Water, Sewer and Capital Funds.

CIVIC ITEMS OF INTEREST

Rental Use – Concern was expressed regarding the observation of the Ordinance prohibiting rental use outside of a primary residence. Incidents of rentals of backyard pools have occurred.

Safety – Chief Tom Krueger addressed the Board on the issue of Knox Boxes, a secure box located on a house for emergency access by the Fire Department. He encouraged senior residents to look into getting a Knox Box. The resident only pays for the box, and the Fire Department will install it for free.

RIVERWOODS VILLAGE BOARD OF TRUSTEES

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Bruce Dayno
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bdayno@Riverwoods.gov

Police Department
Non-Emergency 24/7
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Office (Records, Admin, or leave a message for officers) 847-945-1130
police@Riverwoods.gov

Emergency Police/Fire 911
Tom Krueger
Fire Chief
Lincolnshire/Riverwoods
Fire Protection District
847-634-2512



Director of Community Services

Leaves are Falling! Holidays are Calling!

By Russell Kraly, Director of Community Services

The year is winding down and coming to a close. The white stuff is around the corner. It's already dumped 20 plus inches out west! Enjoy the second summer because it won't last for long.

Just a quick reminder, keep your gutters, ditch lines and culverts clean of leaves so that the water flows and doesn't backup and cause problems for you or your neighbors. Since leaves are falling off the trees be cognizant of your outdoor lighting bothering the neighbors. All lights should be shielded and point downward into your own property.

Once again, we are collecting "Toys for Tot's" in the vestibule at the Village Hall. We have two large containers to fill. I've been lucky to have been invited to attend a few parties where they have given these presents away, and the reaction and excitement of the kids is really moving! What we sometimes take for granted is a world of riches for these little ones.

Hope you and your families have a safe and happy holiday season.

RIVERWOODS VILLAGE VOICE

Riverwoods Village Voice is published bimonthly by the Village of Riverwoods. It's purpose is to provide a communication forum and information for residents. The views expressed in the newsletter are not necessarily those of the Mayor or members of the Board of Trustees.

Editor: Jackie Borchew.
Any resident wishing to become a newsletter staff volunteer please call the Village Hall at 847-945-3990 and leave your name and phone number.

SEND IN THOSE LETTERS!

Letters from residents and Riverwoods homeowners' associations are invited and encouraged. Preferred length: approximately 250 words or less, typed. All letters must include the author's name, address and phone number. Letters may be printed, space permitting, but may be edited for grammar, clarity and length. If controversial topics are addressed, the editor will seek opposing viewpoints for balance.

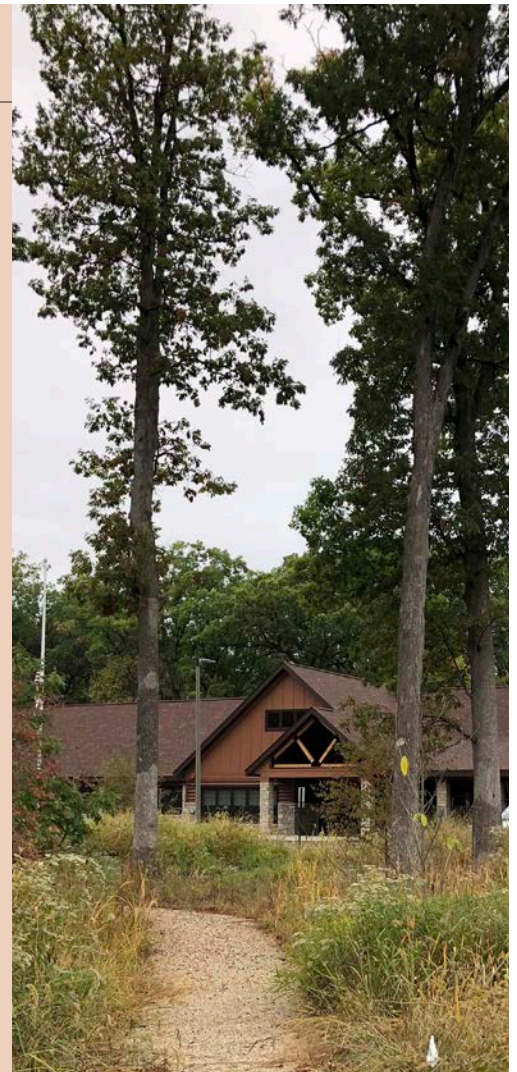
Deadline for the
January/February issue:
December 20, 2022
Send to:
Editor
Riverwoods Village Voice
300 Portwine Road
Riverwoods, IL 60015
or jackie@borchew.com

Nomcom Invites You to

Meet the Trustee Candidates

December 5

Attention Riverwoods residents, you are invited to meet the Riverwoods Nominating Committee Trustee Candidates at The Village Hall on Monday, December 5th at 7:30pm. Additional nominations from the floor will also be accepted at this time. Riverwoods residents who are registered to vote will be able to cast their paper ballots at the event for their preferred candidates. This is an excellent opportunity to meet your neighbors and have an impact on the direction of the Village and your community. We hope to see you there!



Police Report



Riverwoods Police Officer Al Maciareillo instructs Riverwoods Montessori School staff on the ALICE active shooter response training method.

Police Promotions

By Bruce Dayno, Chief of Police

On September 20th, two police officers were promoted at the Board of Trustees Meeting at Village Hall.

Sgt. George Pfutzenreuter was promoted to the rank of Commander. Commander Pfutzenreuter joined the Riverwoods Police Department in 2014 as a Patrol Officer and was promoted to the rank of Sergeant in 2019. Prior to joining Riverwoods, he served as a Deputy Chief of Police in Highland Park.

Detective William Kirby was promoted to the rank of Sergeant. Sergeant Kirby joined the Riverwoods Police Department in 2018 as a full-time Patrol Officer/ Detective. Prior to joining Riverwoods in a full-time capacity, he served as a detective with the Arlington Heights Police Department while also serving as a part-time Riverwoods Officer. In addition to his duties as a Sergeant, he will continue in his role as a detective.



Detective William Kirby is sworn in as Police Sergeant Commander by Village Clerk Katie Bowne.

Sergeant George Pfutzenreuter is sworn in as Police Commander by Village Clerk Katie Bowne.

Annual Holiday Toy Drive



The Village is again partnering with the U.S. Marine Corps Reserve Toys for Tots Program to collect new, unwrapped toys for children of all ages. The collected toys will be distributed to less fortunate children throughout Lake County. Because of your generosity, last year's boxes were overflowing so we ordered an extra one. The two boxes are located in the Village Hall vestibule which is always accessible. Let's fill the boxes again and make some children smile!

Thank You!

DEERFIELD ROAD

Project Update #20 Phase I Study Completion

On June 24th, 2022, the Lake County Division of Transportation received formal approval from the Illinois Department of Transportation for completion of Phase I Engineering and Environmental Studies. The next phase of the project development process, including Phase II Engineering (contract plans and bid documents, permitting) and Land Acquisition have commenced.

Following the Public Hearing held on May 25th, 2021, the project team addressed comments received and prepared an Errata to the Environmental Assessment (EA) to document the Public Hearing results including public comments and responses. The FHWA reviewed the EA Errata and on June 22nd, 2022, the FHWA determined that the Deerfield Road project will not result in a significant impact on the human environmental and issued a Finding of No Significant Impact (FONSI). The FONSI and EA Errata are posted on the project website at: www.deerfieldroadcorridor.com. For those that may have missed the Public Hearing, all materials, including a recording of the Public Hearing, the EA, Preferred Alternative design, Public Hearing Summary, and Frequently Asked Questions are available on the project website.

The EA is a document that provides the purpose and need, range of alternatives, identification of the preferred alternative, and environmental impacts, benefits, and mitigation measures. The preferred alternative improvement consists of reconstructing Deerfield Road from Milwaukee Avenue to Saunders/Riverwoods Road with additional lanes added at the Milwaukee Avenue intersection and 3-lane curbed roadway from the Des Plaines River to Saunders/Riverwoods Road with multi-use path and drainage improvements. Minor intersection improvements will be made at the Portwine Road (northbound and southbound left turn lane) and Saunders/Riverwoods Road (northbound right turn lane) intersections.

Phase II Engineering and Land Acquisition have commenced and will be ongoing through the remainder of 2022 and into 2023. As part of Phase II Engineering, the project team will continue to evaluate ways to minimize impacts to adjacent properties and environmental resources where feasible/practical, such as trees and wetlands. For properties that are affected by proposed land acquisition, formal coordination will be initiated with you later in 2022 or early 2023 by land acquisition specialists on our project team. Construction funding has been identified for the entire project and construction is anticipated to start in 2024, contingent upon project readiness. Further updates will be provided as Phase II Engineering and Land Acquisition progress, including continued close coordination with the Villages of Deerfield, Riverwoods, and Buffalo Grove.

Comments and questions are encouraged throughout the course of project development, and can be submitted through the project website at: <https://www.deerfieldroadcorridor.com/contact/>.

By: Matthew Huffman, P.E. – Senior Project Manager, Christopher B. Burke Engineering, Ltd.

Report on the Survey of Private Wells

By Kris Ford, Mayor of Riverwoods

Approximately 2/3 of our Village is served by municipal water sourced from Lake Michigan and purchased through the Village of Northbrook. Not all residents who have access to municipal water choose to connect. Residents who do not have access (or who have not chosen to connect) have private wells that supply their homes with water. A number of years ago, the Village embarked on a program to monitor the depth at which water was available to private wells.

This program arose during a drought season and during a time of water restrictions on outside usage. This program was voluntary and the volunteers agreed to make the depth results available anonymously. The volunteer wells are located in various areas of the Village; they are not concentrated in any one area. This year a water quality test was added. Individual results were given to the volunteers.

We have received results of the recent well testing. As might be expected changes in water levels have varied, but on balance, have increased over the past year. The depth to water level in the wells ranged from 44 feet to 86 feet. If we look back one year, the water levels ranged from 52 to 91 feet.

Well water quality test results for about 1/3 of the volunteer wells indicated bacteria levels requiring follow up action by the owners, that is, further inspection and possibly disinfection by a private well service company.

Private well owners should be aware that while the water is "free", it is neither guaranteed nor is the delivery through their well pumping mechanisms without cost. Private wells should be periodically inspected by the owners for mechanical condition as well as any possible contamination. Municipal water is monitored to meet Illinois Environmental Protection Agency's regulations which limit the amount of certain contaminants in water provided by public water systems.

The following link provides information, including information on testing, provided by the Illinois Environmental Protection Agency (IEPA) on private wells:

<https://www2.illinois.gov/epa/topics/drinking-water/private-well-users/Pages/default.aspx>

Reduce Light Trespassing

The International Dark-Sky Association (IDA) provides excellent information on how to voluntarily reduce light pollution and trespass while still providing enough light to live, work, and see. Below are some best practices from IDA's web pages at www.darksky.org/our-work/lighting/.

To minimize the effects of light pollution, lighting should:

- Only be on when needed
- Only light the area that needs it
- Be no brighter than necessary
- Minimize blue light emissions
- Be fully shielded (pointing downward)

A good place to start is by asking the following questions while evaluating or reviewing outdoor lighting.

- Does the area really need to be lit? If so, for what purpose? At what brightness?
- Do any of the fixtures emit light above 90 degrees?
- Is light trespass (light falling where it is not intended, wanted, or needed) an issue?
- Is glare (excessive brightness that causes visual discomfort or difficulty seeing) an issue?

Depending on the answers above, the following may apply:

- Don't light an area if it's not needed.
- Turn off the lights when not in use.
- To save energy costs, don't use excessive amounts of illumination.
- Use timers, dimmers, and motion sensors whenever possible.
- Use only "full cut-off" or "fully shielded" lighting fixtures. That means no light above the 90-degree angle. Fully shielded lighting can be purchased and some existing fixtures may be retrofitted.
- Use energy-efficient lighting sources and fixtures.
- Only use lighting sources with correlated color temperature (CCT) no higher than 3000K. Most lighting products provide this information on package labels.

These recommendations can improve the quality of outdoor lighting by minimizing glare, light trespass, skyglow and energy waste, while improving the efficiency and ambiance of outdoor lighting.



Lincolnshire-Riverwoods Fire Protection District

Portable Heater Fire Safety

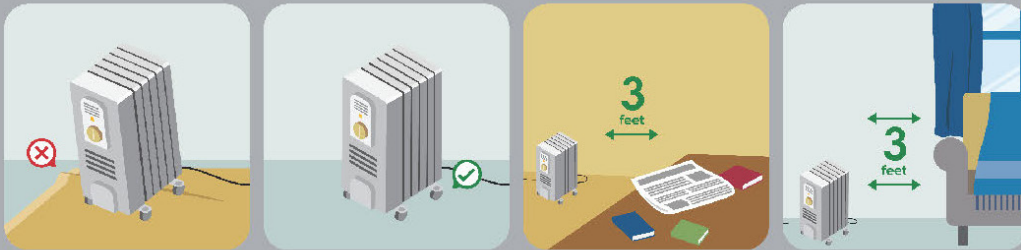
By Steve McCaughey, Battalion Chief

As the weather begins to change, so do some environmental and physical dangers in and out of our homes. The Lincolnshire Riverwoods Fire Protection District members would like to remind you of the dangers of the improper use of space heaters. Remember to place your space heaters on a solid, flat surface. Keep them at least three (3) to four (4) feet away from anything that can catch fire. Check your space heater for cracked or damaged cords and plugs. Always plug your space heaters directly into a grounded outlet and never into an extension cord or power strip.

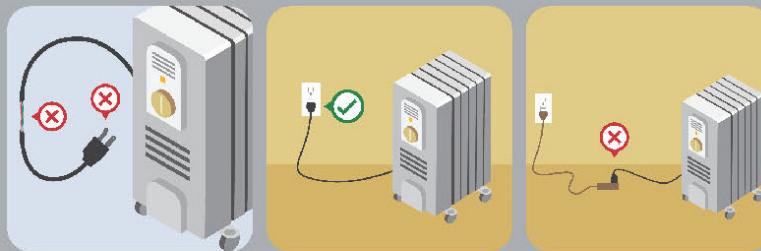
Another great tip is to utilize a residential Knox Box if you have a Life Alert and or a Fire alarm system in your home. A residential Knox Box secures your house key so that only the Lincolnshire Riverwoods Fire Protection District can access it. Having this key available will allow us to quickly enter your residence in the event you or a loved one can't get to the door during a medical emergency. In the event of a fire, fire alarm, or broken water pipe, a residential Knox Box will allow the Fire District to gain rapid access to your home to stop any further damage that may be occurring. You can get more information by contacting Battalion Chief Steve McCaughey at smccaughey@lrfpd.org or by going to KnoxBox.com and looking up residential Knox boxes.

Follow these portable heater tips to help prevent winter fires and to stay safe this winter season.

Place space heaters on a solid, flat surface. Keep them at least three feet from things that can burn.



Check your space heater for cracked or damaged cords and plugs. Plug space heaters directly into wall outlets, don't use an extension cord or power strip.



For more information and free fire-safety resources, visit www.usfa.fema.gov.

POPCORN, PONIES AND PLENTY OF FUN WAS HAD BY ALL!



RECYCLE -O-RAMA 2022

5,540 Lbs. of Materials Diverted from Landfill

The numbers say it all. On October 1st, in just three short hours residents from Riverwoods and fifteen surrounding communities dropped off 5,540 pounds of items at the Riverwoods Village Hall, which were diverted from landfill and distributed for reuse, refurbishing, recycling or donation. Everyone benefits

from a recycling drive: the residents who donate items, the recipients who receive them, and the environment. For example, it takes a thousand years for Styrofoam to break down. So what items were collected and what happened to them?

Village of Riverwoods - *Riverwoods Preservation Council* - SWALCO

2022 RECYCLE-O-RAMA RECYCLING RESULTS

Item	Number / Amount	Outcome Disposition
Shoes	1 gaylord*- 230 lbs.	SWALCO works with organizations that send shoes to local and international places in need.
Clothes/ textiles/ accessories	4 gaylords*- 1,879 lbs.	SWALCO works with organizations that send GENTLY USED clothing, clothing accessories, linens and backpacks to local and international places in need. Any torn/frayed items are made into cleaning cloths.
Stuffed Animals	1 gaylord*-78 lbs.	The stuffed animals will be cleaned and redistributed.
Paper Shredding	2,500 lbs.	After shredding, all of the paper is pulped and recycled into post-consumer products such as paper napkins and tissue paper.
Styrofoam	23 bags -70 lbs.	The Highland Park Recycling Center and <i>Abt</i> accepts clean, white Styrofoam. The collected Styrofoam is then reprocessed to make new Styrofoam.
Sports equipment	Sports sticks-9, individual clubs - 51, set of clubs -1, skates-13, bats-30, mitts-11, helmets-16, game sets-5, balls-59 – 467 lbs.	Re-useable equipment was brought to Play It Again Sports and Good Will.
Musical Instruments	Recorders-3, flutes-1, far east oboe/flute-1 music stand-1, music stand bags-2 – 18 lbs.	The Jack Benny Center for the Arts in Waukegan accepts musical instruments, except keyboards, pianos and drums. The Center is the home of the Waukegan Park District’s Cultural Arts Division and provides fine arts instruction for music, dance, theatre, art, and traditional craft and lecture programming.
Large Batteries	6 – 160 lbs.	Refurbished
Fire Extinguishers	12-110 lbs.	Refurbished
Smoke / CO Detectors	25-25 lbs.	Refurbished
Pet Items	Collars-4, Leashes-2, Frayed textiles – 3 lbs.	All pet items were brought to the Orphans of the Storm.

*A Gaylord is approximately 40" x 48" x 40"

IDENTIFYING AND REMOVING BUCKTHORN IN FALL AND WINTER

Non-native, exotic buckthorn plants have been known to be a problem in wooded and other natural areas for years due to their competitive nature. With no natural competitors, invasive plant species such as common buckthorn can grow so dense that they shade or crowd out native vegetation. When the desirable, low growing plants are lost, bare soil is often exposed and susceptible to excessive erosion, especially on slopes and near streams and rivers. The competitive buckthorn plants can also choke out bigger shrubs, which reduces food supplies for wildlife and creates dense barriers for humans and animals to travel through.

Late fall provides a fantastic opportunity for landowners to try to identify and remove invasive buckthorn. Because buckthorn plants typically hold their leaves much later than native species, they often stand out against the adjacent leafless trees.

Buckthorn not only holds its leaves late into the fall, but it also leafs out earlier

than most native plants in the spring. Producing foliage before native plants allows buckthorn to shade out the native competitors and continue to gain ground year after year. Removing buckthorn from your property will support the native landscape for years to come.

Residents can remove buckthorn themselves or hire contractors. Buckthorn plants less than 3/8-inch in diameter are best removed in their entirety, roots and all. Because of the plant's small size, they can often be pulled by hand. Larger buckthorn plants typically require the use of herbicides or mechanical smothering and follow-up.

The Village of Riverwoods offers Ecological Cost Share Programs, paying 50% of a resident's cost (up to \$4,000) to plant native species, remove invasive shrubs and manage rainwater. Visit the Village website for more information.

SOURCES:

So Many Leaves, Illinois Extension

How to use all those fall leaves, Illinois Extension

Fall Is Good Time to Find Buckthorn, Illinois Extension

In Our Own Backyard, Riverwoods Preservation Council



The Green Corner

Save the Date!

Mark your calendars for our 2023 events

Native Plant Sale & Village Clean Up Day

Saturday, May 13

Community Garage Sale

Saturday, June 24

Recycle-O-Rama

Saturday, September 30

Send Us Your Photos!

We want to feature residents' photos in our articles! Send local wildlife, landscape, or plant photos to Riverwoods Preservation Council at riverwoodspreservation@gmail.com for a chance to have them featured in an issue of Riverwoods Village Voice or on the RPC website. Please include your name for photo credit.

Ask RPC!

Do you have questions about living in the unique woodlands of Riverwoods? Send them to us! We will answer them in the next issue of Riverwoods Village Voice. Email your inquiries to riverwoodspreservation@gmail.com.





CAN-NUKAH!

RIVERWOODS CHANUKAH CELEBRATION

OUTSIDE RIVERWOODS VILLAGE HALL

320 Portwine Road, Riverwoods, IL 60015

MONDAY, DECEMBER 19, 6:00 PM

FEATURING A GIANT MENORAH MADE OUT OF YOUR FOOD CANS!

Cans will be donated to local food pantries following the celebration

- * Grand Menorah Lighting * The best latkes in town!
- * Chanukah donuts & refreshments * Amazing LED Robot!
- * Decorate Chanukah Cookies! * Holiday fun & inspiration for the whole family



RSVP AT CANNUKAH.COM

DROP OFF YOUR
CAN DONATIONS AT VILLAGE HALL



Brought to you by
Chabad Riverwoods & Synagogue FREE

CAN-NUKAH!

Riverwoods Chanukah Celebration

All residents are invited to join the annual Chanukah celebration at the Flatwoods Center outside Village Hall on Monday, December 19th at 6 PM.

This year's celebration will feature a giant Menorah built out of food cans which will be distributed to area food pantries after the event.

The celebration will include a grand Menorah lighting, delicious latkes and Chanukah donuts, an amazing LED robot, decorating Chanukah cookies and lots of holiday fun for the whole family. And don't fear the weather! We'll have patio heaters and piping hot drinks to stay warm inside and out.

Help build the giant Menorah to benefit the poor! Drop off your food cans in the collection box at Village Hall or sponsor cans online at cannukah.com.

This event is open to the entire Riverwoods community. Please RSVP online at cannukah.com. We look forward to seeing you!

The Riverwoods Chanukah celebration is organized by Chabad Riverwoods & Synagogue FREE. Your questions or comments are welcome at rabbi@chabadriverwoods.com or 847-208-8794.

Take in a Holiday Craft Market this Season!

Festival of Arts & Crafts

Friday, Nov. 25, 2pm-7pm
Saturday, Nov. 26, 9am-4pm
Sunday, Nov. 27, 10am-4pm

Lake County Fairgrounds
1060 E Peterson Rd, Grayslake, IL
847-680-7200
\$4.00 to \$5.00—Children 11 and under free

Exhibitors from 10 states will be selling their fine arts and quality handcrafted products. There will be watercolors, pottery, stained and painted glass, copper & metal art, gourd art, furniture, specialty foods, floral, an array of holiday crafts and so much more. Everything is handmade in the U.S.A. The show is indoors so come rain or shine.

Hawthorn Woods Holiday Craft Fair

Saturday, Nov. 26, 10am-3pm

Hawthorn Woods Village Hall Barn (2 Lagoon Drive, Hawthorn Woods, IL Village Barn (2 Lagoon Drive)
Admission is FREE

Decorate your home or search for the perfect unique holiday gift at the Hawthorn Woods Annual Holiday Craft Fair. A wide variety of vendors and businesses bring their unique and handcrafted items to make your holiday season extra special.

Handmade Holiday Craft Fair

Sunday, Dec. 4, 12pm-5pm
Wild Onion Brewery and Banquets
22221 N Pepper Rd
Lake Barrington, IL
Admission is FREE

Join us during this year's holiday shopping season! Our craft fair is featuring 30+ local artists, crafters, bakers and chefs.

Grayslake Antiques & Flea Market Holiday Market

Saturday, Dec. 10, 9am-4pm
Sunday, Dec. 11, 9am-3pm

Lake County Fairgrounds and Event Center
1060 E. Peterson Rd.
Grayslake, IL
715-526-9769
\$7.00 Admission

Grayslake Illinois Antique Flea Market offers a fantastic variety of antiques, vintage, estate jewelry, vintage clothing, collectibles, comics, tv/movie memorabilia, mid century modern, furniture, vintage jewelry, vintage decor, vintage home, vintage experts, decorative arts, vintage lighting, decorating, design, country furniture, shabby chic, old toys, advertising, coins, and more

2022 Chicago Holiday Artisan Market

December 11, 10am-4pm

Morgan MFG
401 N. Morgan St., Chicago, IL

Chicago Holiday Artisan Market will be held on December 11, 2022. It will feature a wide range of items including clothing, handbag, jewelry, accessories, shoes, home decor, natural skincare, bath and body, kitchen gadgets, decorative and wearable art, functional art, smoothies, beverages, gourmet food items, and more.

2022 Randolph Holiday Street Market

Dec. 17-18, 10am-5pm

Chicago's Plumbers Hall
1341 W Randolph Street
Chicago, IL

Randolph Holiday Street Market will offer a rich assortment of vendors and dealers who will be displaying and selling fine antiques, artisan-made offerings, house wares, vintage kitsch, home furnishings, and much more. Hours: 10am-5pm both days.



Bring your next event
to Brushwood Center
at Ryerson Woods

Brushwood Center at Ryerson Woods, located in the midst of 565 acres of pristine woodlands, offers the Ryerson estate and garden for private event rentals. We have custom spaces available for your family celebration, wedding and reception, corporate team building meeting or a wellness retreat. Our staff is ready to help you plan a truly unique and memorable event.

AT EASE:

HEALING IN NATURE

An Exhibition of Veterans' Art and Photography

November 13 - December 21

Join this exhibition featuring artwork that explores themes including healing, wellness, reflections on military service, and engaging with nature and the outdoors. All work in *At Ease: Healing in Nature* is created by active duty service members, Veterans of military service, and family members of active duty or Veteran military. This exhibition will be open through December 21, 2022, in the Brushwood Center Gallery.

About At Ease:

Since 2015, we have worked with Military Veterans and their families through our At Ease program, an innovative approach to empower Military Veterans' wellbeing through a series of nature-based art and photography workshops.

This program is offered at no charge to Military Veterans thanks to our supporters and partners. Brushwood Center collaborates with the James A. Lovell Federal Healthcare Center and local partners to connect Veterans to the arts and the opportunity to explore and restore in nature. Participants immerse themselves in the peaceful sanctuary provided by Brushwood Center at the pristine Ryerson Woods, and discover a new side of themselves and the natural world through the creative arts.

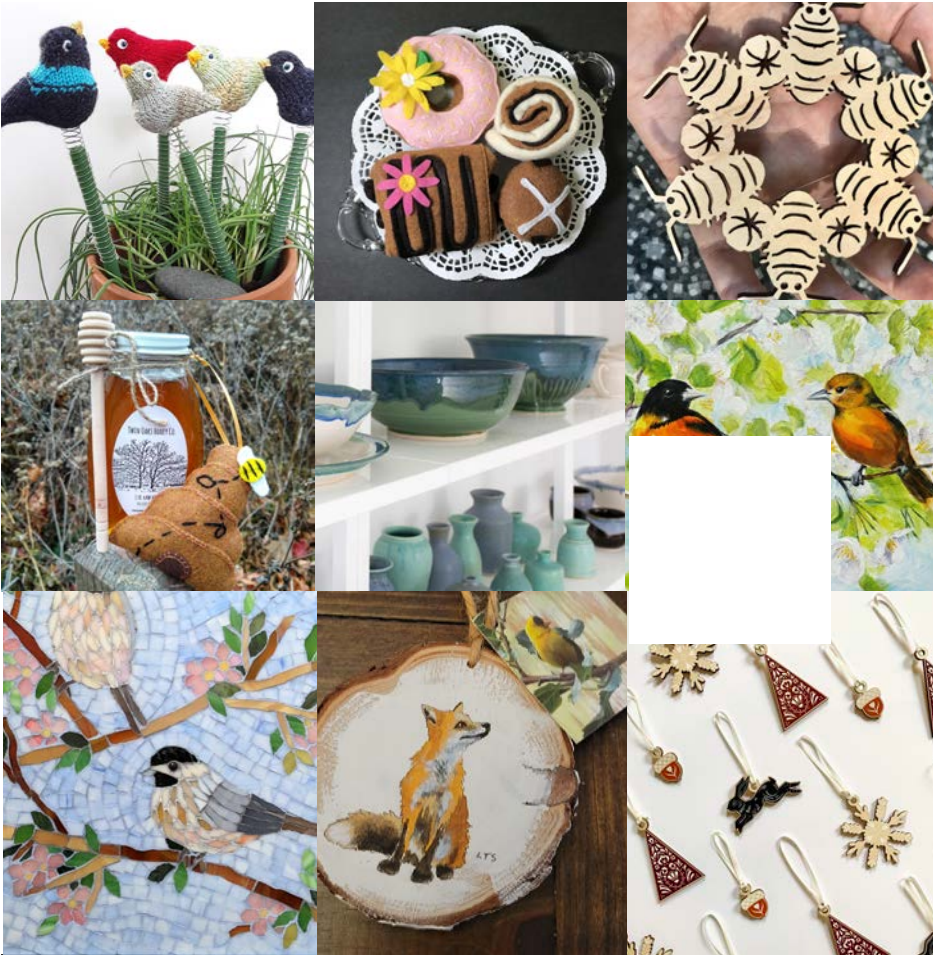
BRUSHWOOD CENTER AT RYERSON WOODS

6TH ANNUAL NATURE-INSPIRED

HOLIDAY

ART MARKET

UNIQUE HANDMADE GIFTS FEATURING THE WORK
OF OVER 40 LOCAL ARTISTS AND MAKERS



ONLINE SALE: NOV. 26 - DEC. 2

IN-PERSON SALE: SAT, DEC. 3, 10AM-5PM
& SUN, DEC. 4, 12-5PM

THIS CARD IS GOOD FOR \$10 OFF
OF YOUR PURCHASE OF \$50 OR MORE
AT THE IN-PERSON MARKET.



SCAN HERE TO PREVIEW OUR
PARTICIPATING ARTISTS AND START
SHOPPING ONLINE ONCE THE MARKET
OPENS 9AM ON NOVEMBER 26.

BRUSHWOODCENTER.ORG



BRUSHWOOD CENTER
AT RYERSON WOODS

Improving Health Equity through Community, Nature, and the Arts

Gallery Hours:
Mon and Wed 10am – 3pm
Sundays 1pm – 3pm
and By Appointment

Register for all events at
brushwoodcenter.org

21850 N. Riverwoods Road
Riverwoods, IL 60015
www.brushwoodcenter.org
224.633.2424

Subscribe to our weekly
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all events at Brushwood Center



How Whale Poop Makes The World a Better Place

By Lindi Osborne
2020, theswimguide.org
Intro by Jackie Borchew



Photo: Megaptera by Paul Nicklen

Recently I attended the 39th Annual Smith Nature Symposium hosted by Brushwood Center at Ryerson Woods. This year, Cristina Mittermeier and Paul Nicklen, photographers, marine biologists, and ocean activists were honored for their environmental leadership. During a walkthrough of the exhibit led by the two, I was in awe of their knowledge and genuine commitment to the planet. I remain inspired by the personal stories that were beautifully illustrated through the wildlife photography. Cristina spoke of our “every other breath” coming from the ocean and Paul explained how the whales fit into the big picture.

So here I share an article that more fully tells what Paul was talking about, the power of whale poop. Yes, whale poop, believe it or not has a direct link to every other breath we take. Who knew.

Strange as it may seem, whale poop is worth its weight in gold.

Whales are some of the ocean’s most fruitful gardeners. When whales poop, they drop a load of crucial nutrients into the ‘topsoil’ of the ocean. Their poop fertilizes the surface of the ocean with nutrients that are fundamental to the health of ocean ecosystems, the global nutrient cycle, and the carbon cycle. By simply eating and pooping, whales are creating healthy ecosystems, giving us air to breathe, and even combating climate change.

Does that sound like an unthinkable amount of good to come out of something as simple as poop? Well, it’s not. We might not be able to breathe underwater, but we wouldn’t be able to breathe without it.

Here’s how whale poop makes the world a better place:

Step 1: Whales feed on nutrient-rich marine life

Whales love eating nutrient-rich food. They like to dine on krill, for example, which provide lots of iron. Nutrient-rich diets lead to nutrient-rich poop full of things like iron, nitrogen, and phosphorus.

One study found that baleen whale poop had 10 million times more iron than the same weight of seawater. This may seem like a lot of iron, but remember, whales are enormous and they have correspondingly enormous excrement.

Step 2: Whales come to the ocean’s surface to poop

Whales feed deep in the ocean, but they swim to the surface when it’s time to poop. Why? No, it isn’t a flagrant display of exhibitionism.

Studies have actually shown that whales have trouble pooping under the extreme pressure in the depths of the ocean. To avoid unnecessary pooping pressure, whales come to the sea’s surface when it’s time to go.

Unlike fish poop, whale poop floats. It remains near the surface of the sea where its nutrients are needed the most.

Like bumblebees bringing pollen from one flower to another, whales bring nutrients from the bottom of the ocean up to its surface, where it helps phytoplankton grow.

Step 3: Whale poop fertilizes phytoplankton

Phytoplankton are microscopic, plant-like organisms. Just like plants on land, phytoplankton use the sun’s light to photosynthesize. Think of them as tiny forests growing in the

sunlit waters of the ocean's surface.

Land plants send their roots down into the soil to get the nutrients they need, but phytoplankton, suspended in the surface of sea, have no such luxury. Instead, they get the nutrients they need to grow from whale poop. Luckily for phytoplankton, these nutrients are brought right to them when whales surface to do their business.

Whales are migratory animals. This means that they transport their nutrient-filled poop to hungry phytoplankton all over the globe (in what is definitely the largest and only scatological meal delivery service in the world).

Step 4: Phytoplankton nourish the whole ocean food chain

Phytoplankton are at the bottom of the aquatic food chain, but this doesn't mean they're unimportant. Quite the opposite. Phytoplankton are the basis of entire ocean food webs. Healthy phytoplankton means that all the animals up the food chain have food to eat.

Krill, fish, jellyfish, birds, penguins, seals, whales, and so many other marine creatures rely on phytoplankton to survive. In a way, whales fertilize their own food supplies. They sow the seeds of healthy ecosystems and they reap the benefits. But when whale populations aren't doing well, neither are other marine populations. Interruptions at any level of this global food and nutrient cycle harms entire ecosystems, including the fish that we eat.

Step 5: Phytoplankton consume carbon and release oxygen

Keeping carbon out of our atmosphere is one of the best ways to combat climate change. The ocean holds about 50 times more carbon than our atmosphere does, and phytoplankton are a big part of this exchange.

During photosynthesis, phytoplankton absorb as much carbon dioxide as trees. This means that even small changes in phytoplankton growth have repercussions for the amount of carbon there is in the atmosphere. If there are less phytoplankton, more carbon is released into our atmosphere. If there is more carbon in our atmosphere, our planet gets warmer.

When phytoplankton die, they fall to the bottom of the sea. There, they can store carbon for thousands of years. In addition to consuming and locking away a major climate change culprit, phytoplankton also release 50-70% of the oxygen that we inhale every day.

The bottom line? When whales go number two, great things happen.

Sadly, whales' enormous size doesn't protect them from threats like commercial whaling, by catch, ship strikes, habitat degradation and loss, and climate change. We need to appreciate the value of these incredible creatures, both for marine life and for life on land.

The next time you go swimming, surfing, fishing, or even take a breath of air, thank the whales for helping to keep the oceans alive and the air full of oxygen.



The Smith Nature Symposium

For 39 years the Smith Nature Symposium has been an occasion to celebrate nature and those who have made a meaningful contribution to the science of conservation and deepened our understanding of the natural world.

The Symposium memorializes the significant civic legacy of Hermon Dunlap and Ellen Thorne Smith, who donated their land and cabin to help form Ryerson Woods.

The Distinguished Environmental Leadership Award was first presented in 1984 to Roger Tory Peterson, the esteemed American naturalist, ornithologist, artist, and educator. Recent honorees include Winona LaDuke (2021), Bill McKibben and Sue Halpern (2020), Amory Lovins and Judy Hill Lovins (2019), and Robert Redford and Sibylle Szaggars Redford (2018).

More about Cristina and Paul

Working together on the front lines of conservation, Paul and Cristina are also partners in life. In 2014, they co-founded SeaLegacy, a non-profit organization that propelled ocean conservation onto the world stage through the power of visual storytelling, impact campaigns and the funding of sustainability projects. Guided by science and driven by purpose, SeaLegacy is the global marketing, education, and communication agency for the ocean.

Currently Cristina and Paul's fine art photography is represented by Hilton-Asmus Contemporary gallery in Chicago and is on display through February 2023.

To learn more about ocean conservation, and whales, visit:

paulnicklen.org
 cristinamittermeier.com
 sealegacy.org
 monteraybayaquarium.org
 hilton-asmus.com



RRA - Join and Make a Difference!

The Riverwoods Residents Association (RRA) forms a support network within our Village. Membership is \$25 per family and includes two vehicle stickers. Mail your check to RRA, P.O. Box 341, Deerfield, IL 60015. For more information contact Jill Kaplan at jedma1@yahoo.com or call her directly at 847-945-0062.

MEMBERSHIP FORM

Name _____

Email _____

Phone _____

Address _____

of extra stickers at \$5 each _____

Amount Enclosed _____

Riverwoods Book Club News

By June Melber

The October 17 book club group enjoyed a lively discussion of J. Ryan Stradals, *Kitchens of the Great Midwest*. The discussion was accompanied by servings of “Mom’s Carrot Cake”, one of the recipes Included in the book.

The next book club meeting will be Monday, November 14 at 10am, and the book will be Michelle Richardson’s *The Book Woman of Troublesome Creek*. This will be the last meeting of 2022.

The first group of 2023 will be Monday, January 9 @ 10am; the book selection is *River of the Gods*, by Candice Millard. This is the exciting true story of the search for the source of the Nile river.

The book club is free, and open to residents and non-residents of Riverwoods, and refreshments are served. For more information you may reach out to June Melber at argos501@gmail.com.

Book Locations in Riverwoods

The Village Hall Book Shelf

Located inside Village Hall. Help yourself to this selection of books for loan, or take one and leave one.

Riverwoods Village Little Free Library

Located in the Village Hall parking lot, the Little Free Library offers books for all ages. Take a book and leave a book.

Brushwood Center Little Free Library

Located next to Brushwood Center inside of Ryerson Forest Preserve, this library offers subjects for all ages. Take a book, or maybe a nature activity or item, and leave a book.

Village Curfew

The Village Curfew Ordinance, which affects youths under the age of 18, is 11:00pm during the week and 12:00am for holidays, Fridays and Saturdays.

Village Mailings

If you receive mail from the Village, it is important information and announcements that residents should be aware of. Please take the time to open and read.



Reminder to Keep Fire Hydrants Visible and Accessible in the Snow

The Lincolnshire-Riverwoods Fire Protection District would like to remind residents of the importance of having snow removed from around fire hydrants.

We would like to ask residents to assist the Fire Department by removing the snow from the fire hydrants if they are able. In the unfortunate event of a house fire, the time spent trying to locate a fire hydrant buried in snow can make a critical difference in the outcome.

In the Kitchen with Gale Gand

Quick Pear Streusel Coffee Cake

Serves 8

For the cake

1 1/4 cups flour
 2 1/4 teaspoons baking powder
 1/2 cup sugar
 1/2 teaspoon salt
 1/2 teaspoon cinnamon
 1 egg
 1/2 cup milk
 1/4 cup melted butter
 2 chopped ripe pears (I like Bartlett)

For the streusel topping

1/2 cup sugar
 1/4 cup flour
 3 tablespoons butter, melted
 1 teaspoon cinnamon

Heat the oven to 400 degrees. Butter an 8-inch square baking dish or line it with parchment paper.

In a mixing bowl using a wooden spoon, stir together the dry ingredients. Add the eggs, the milk and the 1/4 cup butter and stir till combined. Add the chopped pears and stir to coat them with the batter. Pour into the buttered baking dish.

To make the streusel, mix the sugar, flour, and cinnamon together in a bowl then pour in the 3 tablespoons melted butter and stir till blended. Sprinkle over the top of the batter. Bake for 30 to 35 minutes, until golden and dry on top. Cool in the pan and cut into squares. This cake keeps for up to 4 days, covered at room temperature and is actually better if made the night before.



Gale Gand is a Riverwoods resident and pastry chef and had the Michelin two-star restaurant, Tru, in Chicago. She hosted Food Network's show "Sweet Dreams", is the author of eight cook books, and worked with Julia Child on her book and PBS series, "Baking with Julia". Gale teaches cooking classes and makes Gale's Root Beer which is sold nationally. She has received two James Beard Awards, and was schooled in Paris at La Varenne. Gale appears

at food and wine festivals, is a professional Pie and Food Competition Judge. She has three kids and plays the ukulele. Fun fact-She once made a Peach Cobbler for Aretha Franklin. For more info on Gale go to: www.galegand.com and kitchensisterscookingschool.com.





VILLAGE OF

RIVERWOODS

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Riverwoods, Illinois
60015-3898

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