

AGENDA
SUSTAINABILITY COMMISSION
April 15, 2021
7:00 P.M.
Remote Meeting via Zoom

Please click the link below to join the webinar:

<https://deerfieldil.zoom.us/j/89380987442?pwd=Z3YvQVIOSTdveHkzd1BPcXJ0cDNPUT09>

Passcode: qpb2LX% @

Or Telephone:

US: +1 312 626 6799 or +1 646 558 8656

Webinar ID: 893 8098 7442

Passcode: 74537230

1. Call to Order
2. Roll Call
3. Consideration of March 4, 2021 Meeting Minutes
4. Public Comment

Village residents wishing to respectfully share thoughts about any matter concerning the Village may do so by submitting an email to sustainabilitycomment@deerfield.il.us prior to the meeting. Emails received will be read aloud during Public Comment. Any e-mails received during the meeting will be read during the second public comment before the end of the meeting. We ask that you keep your emailed response to under 200 words to allow time for others to be heard and for the Commission to progress through the public meeting agenda. In addition, members of the public may provide oral comments by telephone or web-based video conference during all meetings of the Commission during the time designated for public comment provided that such comments do not exceed three minutes in duration. The Commission typically does not immediately respond to public comments or engage in open dialogue, but we are of course actively listening to your comments.

At least one representative from the Commission will be present at Village Hall and the virtual meeting will be simulcast at Village Hall for members of the public who do not wish to view the virtual meeting from another location. Pursuant to Restore Illinois Phase 4, the opportunity to view the virtual meeting at Village Hall is available on a “first come, first-served” basis due to limited capacity.

5. Residential Solid Waste Contract Update
 - a. Recap Compost Toolkit Delivery Event
 - b. Curbside Composting Education Campaign
 - c. Possible District 109 (Shepard Middle School) Compost Pilot Program

6. Care of Trees Initiatives
 - a. Tree Walk Program
 - b. 50/50 Parkway Tree Program
 - c. Chicago River Day – May 8

7. Other Items for Discussion:
 - a. Update re: Aggregation 2.0 Program – 100% Renewable Energy
 - b. Reminders:
 - i. Earth Day – April 22
 - ii. Arbor Day – April 30
 1. Tree Planting at DHS and District 109

8. Public Comment

9. Next Meeting Date – Thursday, May 20 @ 7PM

**MEETING MINUTES
SUSTAINABILITY COMMISSION
March 4, 2021**

A meeting of the Sustainability Commission was held on Thursday, March 4, 2021 via Zoom.
In attendance were:

Present:

Don Anderson, Chairman
Maria Albulesco
Amy Call
Dick Heller
Karrah Krakovyak
Bill Mertes
Michael Shalen
Brian Wolkenberg

Absent:

Deborah Tomez

Also present:

Andrew Lichterman, Assistant Village Manager

Roll Call

The meeting was called to order at 7:30 p.m. and a virtual quorum was present.

Consideration of Minutes

Commissioner Mertes made a motion seconded by Commissioner Shalen to approve the minutes of the February 4, 2021 meeting. The minutes were approved unanimously by a roll call vote.

Public Comment

There was no one present for public comment on a non-agenda item.

Residential Solid Waste Contract

Chairman Anderson requested Mr. Lichterman to briefly review the staff memo. Mr. Lichterman noted that the new tri-fold brochure with all the basic solid waste contract information was mailed to all Deerfield homes. He noted that the kitchen compost pails are on order and should arrive at the end of this month. 1,000 pails will be given away as part of a compost toolkit to help residents get started. He noted that staff is working with Civil Agents, an expert marketing firm, to develop a multi-month educational campaign. Lastly, the staff memo included disposal rate metrics from the SWALCO 2019 Solid Waste Management Plan to help the Commission establish a goal for our purposes. The report includes a 2030 goal of 1.35 pounds per capita per day (pcd). The Village's current rate as of the last reporting period (2018) was 1.56 pcd. Notably, the report indicates that organics account for 25% of the landfill waste in Lake County. The pcd data is a good metric to use to measure our program because that data will be readily available from the hauler.

Commissioner Shalen complimented the tri-fold brochure noting it contained a lot of useful information. Chairman Anderson noted that the SWALCO report indicated that of the 42 communities measured in Lake County, Deerfield has the third highest disposal rate.

Most of the public comments received by the Commissioners to date have been relative to the fact that residents do not want a third container; however, it helps to point out that they can be used for yard waste in lieu of the sticker program and that residents can reduce the size of their garbage container.

Commissioner Wolkenberg expressed interest in continuing to hear feedback and comments from the public related to the compost program so we can adjust, as needed. Chairman Anderson concurred and noted that he sees one of our roles as Commissioners is to engage our neighbors and send that feedback on to staff. Mr. Lichterman noted that we have regular meetings with customer service teams both at the Village and LakeShore Recycling Systems to identify the main causes for concern. At this time, most compost calls are related to finding space for the third cart.

Commissioner Heller expressed interest in moving some of our marketing and educational efforts into the schools. He also suggested some coordinated educational efforts with the library. Chairman Anderson suggested that Commissioner Heller and Commissioner Krakovyak work with staff to provide some feedback on the compost education campaign prior to the next meeting.

Chairman Anderson suggested establishing a goal for the diversion rate over a 12-month period. Commissioner Wolkenberg suggested setting a reasonable goal that could be achievable. He noted the SWALCO goal of 1.35 pcd is probably the most informed data point we have in front of us right now so that is probably a reasonable point to work towards over the next year.

Commissioner Heller asked what level of granular compost data we can receive. Mr. Lichterman noted the hauler may will not be able to provide details on the exact products that are not making it into the compost bin but we could conduct our own survey at some future juncture if we thought that was appropriate. Chairman Anderson also noted that we probably have a lot to learn from the City of Highwood's program since it has been in place for a number of years.

Chairman Anderson requested that we continue the discussion next month and try to set a goal at that time when we have some additional information relative to Highwood's experience.

Report of the Tree Subcommittee

Mr. Mertes summarized the proposed revisions to the Village's Tree Preservation Ordinance that will be voted on by the Village Board later this month. He noted that there is a new category of Heritage Trees that will require higher mitigation fees. Other updates include removing low quality trees/shrubs, such as arbor vitae, from qualifying trees that offset mitigation costs. Also, the ordinance includes language to limit monoculture plantings and includes an incentive for removing invasive species such as buckthorn.

Chairman Anderson noted that the language in the ordinance allows for mitigation fees to be lessened if invasive species are removed concurrently. He suggested that maybe the credit should be expanded to offer a greater economic benefit for removing invasive even if done separate from a tree removal. Commissioner Call agreed and suggested that the idea of providing an incentive for removing buckthorn and the educational campaign around buckthorn removal is a worthwhile endeavor that should be pursued further in the future.

Commissioner Mertes reported that the Tree Subcommittee also discussed the Tree Walk event. Commissioner Call is working with the Park District to identify a park to host the next event; targeted for either September 25 or October 2. The Subcommittee also recommends driving people to participate in the Friends of the Chicago River workday scheduled for May 8 at Trail Tree Park and Trinity Church. They are seeking 30 volunteers for each site.

Sustainability Commission
March 4, 2021

Lastly, the Subcommittee discussed the 50/50 Parkway Tree Program noting a considerable increase in recent years up from 19 tree plantings in 2017 to 61 plantings in 2020. The Subcommittee recommends subsidizing more than one tree per household and suggested the Village Arborist review the inclusion of the Chanticleer Pear since it has been identified as an invasive species. Chairman Anderson suggested the Arborist review the Pear tree further and suggest an alternative species that meets the same criteria as hardiness, aesthetics, and desirability.

Community Solar Program

Chairman Anderson noted that Go Green Deerfield has submitted a request for the Commission to partner with them by funding yard signs at a cost of approximately \$500. Chairman Anderson noted that the Village is leading the other six communities that are part of this program in number of subscriptions. Commissioner Shalen expressed apprehension with funding the program since we have a number of initiatives the Commission is actively involved in and the Community Solar initiative isn't something that has been driven at the Commission level. Chairman Anderson concurs with Commissioner Shalen's assessment and noted that our focus remains on the solid waste contract, specifically the recycling and composting initiatives, tree programs and the ComEd energy conservation program.

Ms. Call noted that this initiative does fit in with the sustainable proclamation adopted by the Village Board to drive down our greenhouse gas emissions. All of these initiatives - composting, tree preservation, and promoting solar - fit in with reducing our greenhouse gas emissions. Chairman Anderson thanked Go Green for their request and suggested that perhaps we can revisit this in the future, when election season is over and there would be less political yard signs to compete with.

100% Green Residential Aggregation Program

Mr. Lichterman reported that the NSEAC members will be issuing a Request for Proposals on March 12 and we are targeting a report to the Village Board in April or May to bring more renewable energy to our residents.

Public Comment

Mr. Art Wilde reminded the Commission that in early 2020 the Village Board approved a proclamation to reduce our greenhouse gas emissions and he is bringing it up because it speaks to the magnitude of the effort and that the Village is calling on all of us to do our part to meet that objective. We need to cut our carbon footprint in half by 2030 and bring it to zero by 2050. As the Commission sets goals, let's identify what the goal needs to be to reach the objective of the proclamation. Mr. Wilde also inquired about what types of programs Go Green Deerfield can focus on to form partnerships with the Commission. Go Green Deerfield brought forth the Community Solar proposal because we thought that would be a natural area of overlap with the Commission.

Chairman Anderson thanked Mr. Wilde for his comments and noted the focus areas include recycling, energy conservation, specifically related to a ComEd energy conservation program, and the care of trees related to helping people understand the value of trees, how to reduce invasive species and how to plant and take better care of our urban forest.

Next meeting Date

The next meeting date will be April 15 at 7 p.m.

Adjournment

Commissioner Heller made a motion to adjourn. The motion was seconded by Commissioner Mertes. The meeting was adjourned at 8:30 p.m. The meeting was adjourned via a unanimous roll call vote.

Respectfully submitted,

Sustainability Commission
March 4, 2021

Andrew Lichterman
Assistant Village Manager

CIVIL AGENTS

Deerfield Compost Campaign (options)

- A. **“Compostables” Campaign - customized for Deerfield** (see end of document)
- Articles, and social media posts, complete media toolkit with copy and artwork
 - Promote Deerfield’s new compost program, add relevant information, custom links, updated artwork, as needed.

Planned Articles:

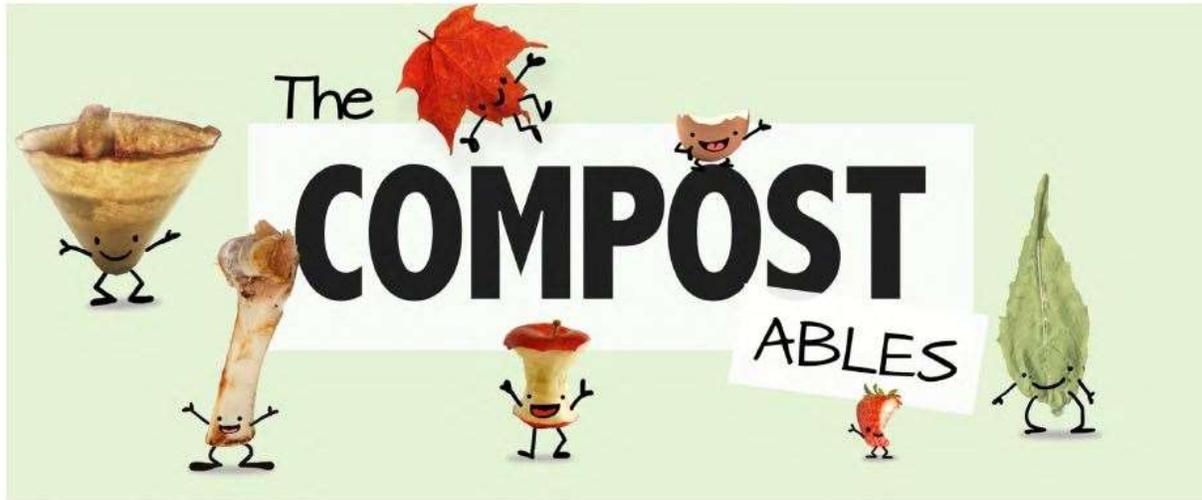
1. **General Food Waste**
 - Completed <http://www.swalco.org/442/You-Composting-Yet-Heres-How-To-Start>)
 - Compostables - Good for soil, bad for landfills.
 - Reference IL waste analysis
 - Reiterate what’s compostable: food waste, yard waste, soiled paper
 - Lake County 60% diversion goal and/or Deerfield Goal - 1.35 per capita disposal rate
 2. **Compost and Climate Change**
 - Methane and GHG
 - Soil Enhancement
 - Carbon Sequestering
 3. **Pro Tips for Storing Food Scraps**
 - Spotlight three local residents with their kitchen compost pail
 - Self-shot – at home with production notes and directives from Civil Agents
 - Demonstration Video – Civil Agents or outsourced?
 4. **Local Spotlight**
 - Spotlight a local business that composts – schools, large HQ’s, grocery store, restaurant, etc.
 - Authenticity – Show folks are already doing it.
 5. **Everything You Can Compost; 7 Things You Never Should**
 - Yes: bouquets, pet hair, tea bags
 - No: candles, animal feces, gum, soap, cigarettes, lint, snotty tissues/wet wipes
 6. **Food Storage and the Cost of Food Waste**
 - 5 common produce storage mistakes
 - First in, first out
 - Food waste reduction goal (SWALCO, Village)
- B. **Custom Articles:**
- Article on any subject we choose

- 800-1200 words
- Research, references, artwork, meta data suggestions, SEO optimized

C. OTHER OPTIONS

- **Custom Graphics/PSAs:**
 - Article on any subject we choose
 - 800-1200 words
 - Research, references, artwork, meta data suggestions, SEO optimized
- **Additional Custom Print Materials**
 - Supplement Recycling and Compost guide
- **Video**
 - Update SWALCO composting videos – concept TBD
 - Live action or animated
- **Digital Apps for the Website**
 - Compost and Recycling Quiz

SAMPLE – “COMPOSTABLES” ARTWORK



Get to know the Compostables. They're chockfull of nutrients and hold a few dirty secrets too. 😊
 If you're not composting, today's a great day to start. Compostables everywhere thank you!
[#compost>landfill](#) (CTA/URL)

LINK:https://drive.google.com/drive/folders/1lvq6GdFRm3VozmVd_GhCVIYCSg57w4Go?usp=sharing

7 months
 5"
 12 gallons
 North Berington, IL

LINDSAY
 From compostable to compost:
 10 months, quicker if I'm shredded.
 Dirty Secret:
 My tree dumped me, so I took its nutrients.

226 days
 2.5"
 33 gallons
 Lake Wall, IL

ADAM
 From compostable to compost:
 About 2 weeks.
 Dirty Secret:
 My seeds are slightly poisonous and 100% compostable.

8 months
 1" - about 2" long
 52 gallons
 Highland Park, IL

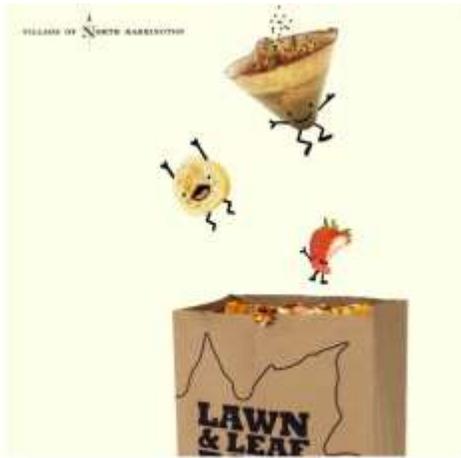
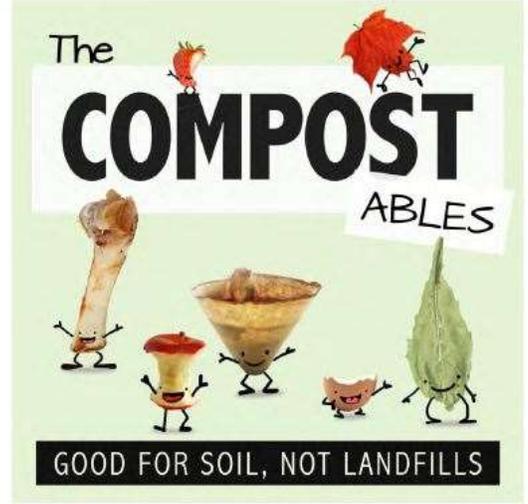
SHELLEY
 From compostable to compost:
 12 months. Calcium rich and worth the wait.
 Dirty Secret:
 Once, I slept on an egg crate.

2 months
 1.25"
 12.6 cups
 Graylake, IL

BRITTANY
 From compostable to compost:
 9 days. I'm quick to give back.
 Dirty Secret:
 I'm berry likely to mold if you don't keep me cold.

9 months
 4"
 35 gallons
 Greenfield, IL

PHIL
 From compostable to compost:
 About 2 months for the filter and grounds.
 Dirty Secret:
 I enjoy mixing with houseplant soil.



Andrew Lichterman

From: Justin Keenan
Sent: Tuesday, March 23, 2021 8:37 AM
To: Andrew Lichterman
Subject: FW: Chanticleer Pear Question

See below. Looks like there isn't a great replacement for the pear.

From: Urban Forest Management Inc <ufminc@sbcglobal.net>
Sent: Tuesday, March 23, 2021 8:24 AM
To: Justin Keenan <jkeen@deerfield.il.us>
Subject: Re: Chanticleer Pear Question

Hi Justin,

Unfortunately, there is not anything native that is as hardy as the pear is. Serviceberry (single stem), redbud (single stem), ironwood and American hornbeam are all great ornamental, understory trees but don't do well with salt exposure and/or full sun. Red buckeye can get leaf blotch, which is unsightly and numerous residents had complained about. Many of the crabapples are not salt tolerant and have been hit hard by apple scab, leaving their crowns thin or defoliated late summer. Maybe some of these species could be planted on lower volume roadways where salt spray is not as big of a problem, but a homeowner spreading salt on the driveway or sidewalk can also contribute to the problem. There is not an easy answer to replace this species. Typically, smaller tree species are understory species that are not subject to full sun or salt exposure like a parkway provides.

Please call or e-mail me if any questions.

Thanks,
Todd

Todd R. Sinn
Senior Forester
URBAN FOREST MANAGEMENT, INC.

On Monday, March 22, 2021, 12:21:07 PM CDT, Justin Keenan <jkeen@deerfield.il.us> wrote:

Hi Todd,

Staff was recently informed that the Chanticleer Pear tree is invasive and is not recommended for this area. Is there similar type native tree that we could switch to for our 50/50 program? It has been a popular choice the last few years and we want to offer a similar ornamental tree. Thank you for your help.



Justin Keenan

Assistant to the Director of Public Works and Engineering | [Deerfield Public Works and Engineering](#)

465 Elm St | Deerfield, IL 60015

847.719.7462

Follow Us:    [#DoItForDeerfield](#)

Justin Keenan

Assistant to the Director of Public Works and Engineering

Extension 7462



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MAY 08

Chicago River Day 2021 - Briarwood Park

by Friends of the Chicago River [Follow](#)

Free

Free

[Register](#)



Date And Time

Sat, May 8, 2021
9:00 AM - 12:00 PM CDT

[Add to Calendar](#)



Location

Briarwood Park - Parking Lot off River Road
300 River Road
Deerfield, IL 60015

[View Map](#)



Volunteer to improve the health and beauty of the Chicago River system by cleaning up litter.

About this Event

Site Contains Dublin Data - API Call

Site Captains: Debbie Brown, Amy Gail

The health of the Chicago River system continues to improve, but litter remains a stubborn problem harmful to people and wildlife. Friends of the Chicago River is looking for your help on our annual spring river cleanup, Chicago River Day, the morning of May 8, 2021. Volunteers began this free, fun, family-friendly tradition in 1992 and over the last 29 years it steadily grew into Friends' largest and most popular volunteer event of the year with sites throughout the watershed from Lake County to the Calumet. The instant impact is inspiring and essential to creating a Litter Free Chicago River.

The Chicago River system brings people together, first as an important meeting spot for Native American tribes, then for European explorers and the diverse people who followed who all contributed to the world renowned Chicago we treasure today. It's wonderful place to live, one we share with over 75 species of fish, migrating birds, osprey, eagles, butterflies, dragonflies, snapping turtles, and even endangered species like the black crown night heron. We feature a river animal each year to put a face to the name "wildlife," and help us to connect to the many different animals who rely on us to care for and protect this important river system. To celebrate the creation of the [Chicago River Watershed Council](#), and illustrate the interconnectedness of the land and water, this year's featured animal is the American mink.

Our rivers offer us a place to connect with the natural world, relax and have fun! Let's show our respect by caring for this amazing natural resource by making it cleaner for future generations and the wildlife who depend on it for their homes. Volunteers receive a Chicago River Day T-shirt as a special thank you gift. Registration for Chicago River Day is open until a site is at capacity, volunteers who register after May 1 will need to bring proof of registration. Children eight and up are eligible to volunteer (though we leave this decision ultimately to the parents). Younger family members are welcome to observe provided they are supervised.

Teamwork is needed create a Litter Free Chicago River and we appreciate all the volunteers, partners and sponsors who make this event possible. This year we are working together - but safely apart - doing everything possible to ensure the health, comfort and safety of volunteers and staff. In accordance with pandemic safety parameters, we are carefully managing group size, registering all participants, requiring everyone to wear masks and practicing social distancing. The following steps help us to ensure the safest event possible:

Individual registration is required

- Waivers are to be read and signed as part of registration if permitted.

- Volunteers need to check in with the Site Captain when they arrive.
- Everyone will observe social distancing and not stand closer than 6 feet to people outside their household.
- Everyone wears a mask at all times, regardless of vaccination status.
- Start times are staggered 9 a.m. and 10 a.m. to ensure all volunteers can hear the Site Captain during the opening circle welcome while observing social distancing.

Be sure to wear closed toed shoes, work clothes that can get dirty, tie hair back or wear a hat and bring a full water bottle. If you have work/garden gloves, please bring those as well to help us limit the number of single use gloves we use. [Visit Friends' Chicago River Day FAQ page for more information](#) about how to be best prepared for the day and other general information.

Help spread the word! Share this event on social media and use the hashtag #ChicagoRiverDay.

Have a question? Contact Annette Anderson, Friends' volunteer and events coordinator at aanderson@chicagoriver.org.

Liability Waivers

Waivers are to be read and digitally agreed to as part of the registration process. This means volunteers need to register individually, parents need to register on behalf of their children.

Please check the box below indicating you've read and agree to the terms of the waivers for this location:

[Friends Waiver](#)

Look forward to seeing you there!

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Tags

United States Events

Illinois Events

Things to do in Deerfield, IL

Deerfield Other

#family

#community

#fun

#volunteer

#wildlife

#litter

#cleanup

#earth

#volunteer_opportunities

#chicagoriver



Share With Friends



Date And Time

Sat, May 8, 2021

9:00 AM - 12:00 PM CDT

[Add to Calendar](#)

Location

Briarwood Park - Parking Lot off River Road

300 River Road

Deerfield, IL 60015

[View Map](#)

Friends of the Chicago River
www.chicagoriver.org

Friends Of The Chicago River

Organizer of Chicago River Day 2021 - Briarwood Park

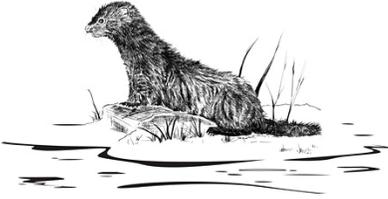
 [Website](#)

For three decades, Friends of the Chicago River has helped create a greener, more accessible, and better cared for river. The McCormick Bridgehouse & Chicago River Museum boosts Friends' education and outreach efforts. Friends is a nonprofit organization.

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More Events From This Organizer

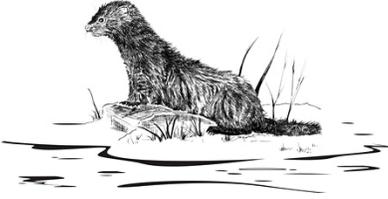


SAT, MAY 8 9:00 AM

Chicago River Day 2021 - River Park West

River Park West, Chicago

FREE

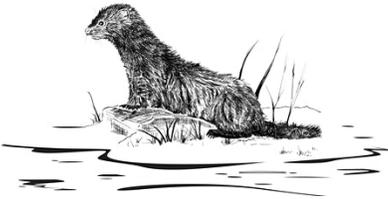
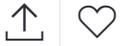


SAT, MAY 8 9:00 AM

Chicago River Day 2021 - River Park East

River Park, Chicago

FREE



SAT, MAY 8 9:00 AM

Chicago River Day 2021 - Gompers Park

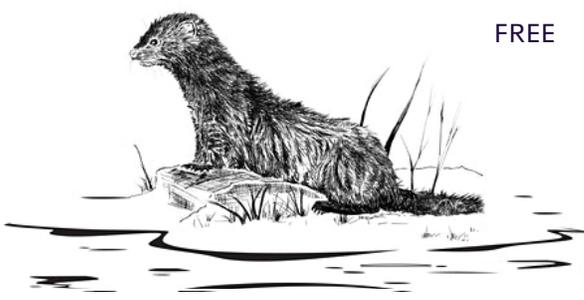
Gompers Park Lagoon, Chicago

FREE



[View Map](#)

Other Events You May Like



SAT, MAY 8 9:00 AM

Chicago River Day 2021 - North Park

North Park, Lincolnshire

SAT, MAY 8 9:00 AM

**Chicago River Day 2021 - River Park ~
On the Water ~**

River Park boat dock, Chicago

SAT, MAY 8 9:00

**Chicago River D
Park**

Canal Origins Par

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