



AGENDA OF THE SUSTAINABILITY COMMISSION

WEDNESDAY, NOVEMBER 20, 2024, 5:00 PM
In person at City Hall, Room 310.
Virtual attendance also available via Zoom.

A. Zoom Meeting Information.

- I. Join Zoom Meeting Online:
<https://us02web.zoom.us/j/82236285137?pwd=bzBScDVVRysrQlpSZEZpK2FMSnd4Zz09>

Or call in by phone: +1 312 626 6799
Meeting ID: 822 3628 5137
Passcode: 769016

If you wish to speak at this public meeting or leave a comment, please fill out the online [Comment Form](#) prior to the meeting. More detailed [Zoom Instructions](#) can be found online.

B. Roll Call.

- I. Chair- Christa Kananen; Vice Chair-Ned Dorff; Jenny Brinker; Amy Kox; Kaurie Mihm-Staff; Julia Noordyk; Mark Walter, Alderperson Joey Prestley, Daniela Beall.

C. Approval of the Agenda.

- I. Approval of the Sustainability Commission meeting agenda for November 20, 2024.

D. Approval of Minutes.

- I. Approval of minutes from October 16, 2024.

E. Announcements

- I. Green Bay Chapter of Wild Ones Grant Program

F. Regular Business.

- I. Input from the commission on recommendations for incorporating sustainability and

positioning Green Bay as a sustainability-forward community as part of the 2025 NFL Draft event.

2. Overview of the development of the Energize Green Bay website as part of the electrification campaign.

G. Informational.

1. Work Group Reports
 - a. Clean Energy Work Group Report
 - b. Climate Resilience & Adaptation Work Group Report
2. Next Sustainability Commission meeting: **December 18** at 5:00pm.

H. Adjournment.

- 1) THIS MEETING IS RECORDED: THE VIDEO OF THIS MEETING AND MINUTES ARE AVAILABLE ONLINE AT www.greenbaywi.gov
- 2) ACCESSIBILITY: Any person wishing to attend who requires special accommodation because of a disability, should contact the City Safety Manager at 920-448-3125 at least 48 hours before the scheduled meeting time so that arrangements can be made.
- 3) QUORUM: Please take notice that a majority or quorum of the Common Council will attend this Sustainability Commission meeting and will constitute a meeting of the Common Council for purposes of discussion and information gathering relative to this agenda.
- 4) REPRESENTATION: The party requesting the communication, or their representative, should be present at this meeting.

OUR MISSION

Educating the public about the benefits of preserving and restoring biodiversity of our native plant communities, beginning in our own yards and gardens.

TO APPLY AND LEARN
MORE ABOUT THE GRANT
PROGRAM, CONTACT US



greenbaywildones@gmail.com



<https://greenbay.wildones.org/>



Green Bay Wild Ones

**SUPPORTING NATIVE
PLANTS FOR OUR
FUTURE**



Grant Program

MISSION: To promote, encourage and support the creation of native landscapes, demonstration gardens and outdoor classrooms for non-profit organizations in the Green Bay or surrounding areas. The grants will be used to establish, restore or reconstruct native plant communities such as native gardens, pollinator gardens, prairie, native grasslands, woodland, wetland, rain gardens and shorelines.



Cultivar

Intentionally created by plant breeders to choose certain traits, such as disease resistance or petal formation. These plants are made by cloning or hybridization and do not produce plants true to seed. Names of these types of plants are listed in the format; Echinacea purpurea “Bravado”.

Nativar

Plants that are sometimes found in the wild and brought into cultivation because they have a distinctive trait, but often have been developed by plant breeders and would never have been found in nature. These plants follow the same naming format; Echinacea purpurea ‘Magnus’.

Native

Plants that have evolved in a region or ecosystem and have not been brought into an area by human introduction. These plants have evolved over a long period of time, forming a symbiotic relationship with native wildlife and offering the needed nutrition for insects, birds and other animals. They will grow in the soil, moisture levels and weather of the native region, requiring less watering and maintenance.

GRANT REQUIREMENTS



Eligible Grant Recipients Include

Non-profit organizations, members of the public, school, park, township, library, house of worship, or community centers in the Green Bay or surrounding area.

Purpose of the Site

Must be to establish, restore or reconstruct native plantings creating healthier, more beautiful landscapes and native gardens. The site should be visible to the public.

Plants

Species used must be native to Wisconsin including plants, flowers, grasses, trees, shrubs and seeds of native plants. No cultivars or nativars can be used. All plants must be certified pesticide free, especially neonicotinoids. Species used cannot be dug from the wild for transplant.

Grant Funds

Grants are \$500. Funds cannot be used for consultants, fuel, equipment, labor, books, land acquisition or any non-native plant or cultivar.

Budget

A budget will be required.

Signage

A Wild Ones “Native Plantings” sign will be given to grant award winners to display on property grounds.

Timeline

Once a grant is awarded, garden must be installed within six (6) months of the award. All grant applications must be submitted by February 15.



Report to the
Sustainability Commission
of the City of Green Bay

MEETING DATE

November 20, 2024

AGENDA ITEM # F.I

Input from the commission on recommendations for incorporating sustainability and positioning Green Bay as a sustainability-forward community as part of the 2025 NFL Draft event.

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

None



Report to the
Sustainability Commission
of the City of Green Bay

MEETING DATE

November 20, 2024

AGENDA ITEM # F.2

Overview of the development of the Energize Green Bay website as part of the electricification campaign.

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

None



Report to the
Sustainability Commission
of the City of Green Bay

MEETING DATE

November 20, 2024

AGENDA ITEM # G.I

Work Group Reports

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

None

Large Energy User Roundtable

10-25-24

- **Participants:** Barb LaMue (New North), Colton Sprenger (FOE), Alex Galt (City of GB), Amy Cox (NWTC), Shannon Stone (Oneida), Mike Troge (Oneida), Kyle Thomas (FOE), Mark Garrigan (FOE), Dave Nyquist (FOE), Greg Smedema (WPS), Scott Shepherd (WPS), Jameson Wilson (Oneida)
- **Introduction to the Clean Energy Plan:** We will review the Plan, how it relates to industrial emissions, and discuss current emissions measurement practices.
 - **Background:** In 2021, the Green Bay City Council approved a resolution setting the goals of using 100% renewable energy and achieving carbon neutrality throughout the community by 2050. The City of Green Bay passed its Clean Energy Plan in December 2023, focusing on municipal and residential initiatives
 - **Purpose of roundtable:** work with stakeholders to measure and reduce C&I emissions throughout the community
 - **Goals:** streamline efforts, achieve commitments
 - **Questions/Ideas Shared:**
 - Housing units (p. 6) – how are “housing units” defined? (buildings or units e.g., apartment units)
 - How will the plan be enforced?
 - Would GB consider updating the building codes to reflect best practices in energy efficiency? DePere recently updated theirs above the minimum required at the state level.
 - City-required benchmarking is not mandated at this time.
 - Collaborative grant writing
 - Integrate voice of the large energy user customer into City Planning
- **Roundtable Introductions:** Each participant will have an opportunity to share what their organization is currently doing in this space, identify areas of overlap with the Clean Energy Plan, and express any concerns about the transition to carbon neutrality.
 - Areas that overlap with the clean energy plan:
 - WPS & WE Energies Customer Service Representatives
 - Focus on Energy - Practical Energy Management, Schools & Government Program, Large Energy Users Sector
 - NWTC – part of a new Industrial Assessment Center (IAC)
 - Oneida TREC funding
 - Concerns about the plan:
 - Granular data may not be available. Utilize NREL/Argonne Lab/Census and other publicly available data.
- **Next Steps**
 - Quarterly meetings, doodle poll for availability
 - Forward/decline invite if not the right fit
 - No shared folders (access limitations). Email preferred for information sharing.

Ideas/Current Initiatives

- WE Energies/WPS: energy efficiency engineers working with large industrial users, others working with next tier of energy users
 - Challenge: benchmarking and data sharing, don't want to be middleman
 - Commercial & Industrial customers would have to write individual letters of consent
 - Normalization on a macro level, not going to share any granular data
 - National labs have information related to average energy demand by type of building
 - Keep referring to WPS's website for energy source mix – updated annually (publicly) and semi-annually (not public)
 - Technology is not there to transition to “clean energy” as outlined in the plan
 - Key (large) accounts already have goals in place and are working toward it. Next level (SME) are just surviving day-to-day. Those w/o corporate oversight are the opportunity
- Oneida
 - TREC funding – working to make training & workforce development funds to schools and nonprofits
- New North
 - City of GB Economic Development group should have a list of heavy industrial users from permitting, expansion plans, zoning, etc. Can the plan be sent directly to those customers, with a request for that organization to share best practices and offer help? Thank you for what you are already doing, here are resources to help, etc.
- Focus on Energy
 - Schools: funding initiatives in schools is the biggest challenge – everything must be done through referendum
 - Focus works with individuals worried about high energy bills but can't pay for the updates
- NWTC
 - Amy: we have lots of funding and consultants, can share best practices and some resources

Takeaways

- No one wants to be the middleman; want the City to lead, especially in communication and outreach.
- Focus on SMEs for biggest reduction impact – these are not currently being reached through existing programs.
- Largest users (1st and 2nd tier) are already addressing energy/GHG emissions and utilizing available resources. Focus efforts here on recognition/showcasing efforts and incentives to share data for tracking purposes.
- Money is driving everything – everyone wants to be “green” until they have to pay the bill. Funding is what will drive progress. Focus messaging/recruiting on ROI and business case.



Report to the Sustainability Commission of the City of Green Bay

MEETING DATE

November 20, 2024

AGENDA ITEM # G.I.b

Climate Resilience & Adaptation Work Group Report

BACKGROUND

- Julia Noordyk co-led the Milwaukee Flood Resilience Tour: Community Engagement for Safer Spaces and More Fun Places on October 16-17 with The Nature Conservancy. Commissioners Daniela Beall and Kaurie Mihm were also in attendance. The tour focused on the lessons and successes of community engagement for several green stormwater infrastructure and flood mitigation projects in the City of Milwaukee. See participant packet for more details.
- Julia Noordyk attended the Van Beaver Park site visit for a future wetland restoration flood mitigation project.
- Julia Noordyk attended the American Public Works Association- WI Chapter fall conference. There were two presentations of potential interest to the City of Green Bay, a landscaping ordinance that improves water absorption of turfgrass and using low-cost sensors and the Internet of Things to detect and map flash flooding.

RECOMMENDATION

To receive and place on file the Climate Resilience & Adaptation Work Group Report.

FISCAL IMPACT

ATTACHMENTS

- I. Participant Packet MKE Tour



Milwaukee Flood Resilience Tour
Community Engagement for Safer Spaces and More Fun Places
October 16-17, 2024

* This event is eligible for 10 CECs for the ASFPM Certified Floodplain Manager certification.

DRAFT AGENDA (subject to change)

DAY 1 – OCTOBER 16

8:15-8:30 **Meet at Park & Ride 05-05, Hoffman Rd ([map](#))**

8:30-10:30 **Drive to stop 1**

10:30-12:30 **Stop 1: Kinnickinnic River Flood Management Project**

Working with local community health partner, Sixteenth Street Community Health Centers, the Milwaukee Metropolitan Sewerage District (MMSD) is investing over \$350M to reduce flood risk to over 660 structures in the floodplain and restore natural function back to 7 miles of stream by removing the concrete lining and replacing it with a natural stream design.

Yesi Perez, Neighborhood Revitalization Coordinator, Sixteenth Street Community Health Centers

Patrick Elliott, Senior Project Manager, MMSD

Lisa Sasso, Senior Project Planner, MMSD

12:30-1:00 **Lunch @ Kosciuszko Community Center**

1:00-1:30 **Drive to stop 2**



- 1:30-3:30** **Stop 2: Menomonee Valley Industrial Center & Community Park**
Riverbank restoration and stormwater park situated on the 120-acre site of an abandoned industrial and railway corridor in the Menomonee River Valley located in Milwaukee. Provides public access to the Menomonee River and over 60 acres of park/open space in an area that had been off-limits to the public for over 50 years.
Corey Zetts, Executive Director, Menomonee Valley Partners, Inc.
Nia Smith, Manager of Community Engagement, MVP, Inc.
Rochelle Brien, Director of Planning and Placemaking, MVP, Inc.
- 3:30-4:00** **Drive to Hilton DoubleTree – Downtown Milwaukee**
- 4:00-6:00** **Check-in at hotel & free time**
- 6:00-6:30** **Walk/bus to Braise Restaurant**
- 6:30-8:00** **Dinner at Braise with Milwaukee Riverkeeper**
Milwaukee River Greenway Coalition is creating a special zoning district that will protect the Milwaukee River Corridor to keep the wild character of the area intact.
Cheryl Nenn, Riverkeeper, Milwaukee Riverkeeper
- 8:00-8:30** **Walk/bus back to hotel**
-

DAY 2 – OCTOBER 17

- 6:00-8:45** **Breakfast at hotel**
- 8:45-9:00** **Check-out**
- 9:00-9:30** **Drive to stop 3**
- 9:30-12:00** **Stop 3: The 30th Street Corridor**
A massive, multiphase flood mitigation and community revitalization project to address recurrent flooding in the 30th Street Corridor with an integrated system of three dry stormwater basins. Local partners, community engagement, and restoration of the Lincoln Creek floodplain are critical to the success of these projects.
Jerome Flogel, Sr. Project Manager, MMSD
Sarah Bregant, Planning and Community Development Manager, Northwest Side Community Development Corp
Lamont Smith, Milwaukee Program Manager, The Nature Conservancy
Jerica Fehr, Community Engagement Strategist, Lincoln Creek Greenway Project Coordinator, Nearby Nature Milwaukee



12:00-1:30 **Lunch with Community Engagement Panel at Northwest Side Community Development Corporation**
Justin Hegarty, Executive Director, ReFlo
Shalina Ali, Executive Director, True Skool; Member, Milwaukee Area of Concern Community Advisory Committee
Nancy Retana, Resilient Communities Program Director, Clean Wisconsin

1:30-1:45 **Drive/walk to Green Tech Station**

1:45-2:30 **Stop 4: Green Tech Station**
Three-acre brownfield reimagined into an environmental education destination in Milwaukee's 30th Street Industrial Corridor. The Green Tech Station is able to capture over 100,000 gallons of stormwater every time it rains with green stormwater infrastructure.
Justin Hegarty, Executive Director, ReFlo
Sarah Bregant, Planning and Community Development Manager, Northwest Side Community Development Corp

2:30-4:30 **Return to Green Bay**

Funding for this event is provided through the NOAA and Coastal States Organization Digital Coast Connects grant funds held by The Nature Conservancy. The East River Collaborative offers its gratitude and thanks to these partners!





Milwaukee Metropolitan Sewerage District

ABOUT US

The Milwaukee Metropolitan Sewerage District (MMSD) is a regional government agency that provides water reclamation and flood management services for about 1.1 million people in 29 communities in a 423- square mile area of the Greater Milwaukee Area.

Protecting public health and the drinking water supply while improving the urban environment for millions of people takes the expertise of hundreds of specially skilled and dedicated employees.

MMSD is a national leader in wastewater treatment, flood management, and green infrastructure. A recipient of the U.S. Water Prize and many other awards, we are most proud of our record of 98.6% since 1994 for capturing and cleaning wastewater when the federal government has set a national goal of 85%.

WHAT WE DO

MMSD uses a watershed approach to protect Lake Michigan, improve our rivers and streams, reduce flooding, and promote a sustainable climate resilient future.

HOW YOU CAN HELP

MMSD is embarking on the construction of a green space near 35th and Capital that will function as a water storage basin during large storms but remain dry most of the time. MMSD has learned from extensive public outreach that the neighbors would like recreational amenities added to this green space. MMSD is not allowed to build recreational facilities and is seeking up to \$5 million to build a playground, basketball courts, a fitness area, an amphitheater/outdoor classroom, and scenic overlook.

VISION

MMSD envisions a healthier, cleaner, resilient region.

MISSION

MMSD protects public health and the environment through world-class, cost-effective water resource management, leadership, and partnership.

VALUES

Stewardship, Integrity, Quality, Collaboration, Diversity, Innovation

35TH STREET BASIN





WHO WE ARE

Reflo is led by an **environmental engineer** and is comprised of **environmental educators**, young adult **mentors**, **communication specialists**, **storytellers**, **makers**, and community and environmental **advocates**. Over the past decade we have supported over 40 green and healthy schoolyard redevelopment projects and dozens other community-based water projects. Our role as a partner of project owners often means we help to fill in gaps in project management and ongoing support at each phase of development to meet shared partner objectives.

MISSION & VISION

As a nonprofit organization, Reflo's mission is to **catalyze** sustainable water use, green infrastructure, and **equitable** water resource management that support **triple-bottom-line outcomes** that are grounded in **strong partner relationships**. We will accomplish our objectives through education, research, and the implementation of water projects that are valuable for individuals, local communities, and the organizations that support them.

REFLO's PROGRAMS



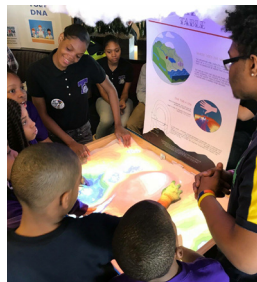
GREEN & HEALTHY SCHOOLS

Schoolyards are transformed into vibrant, nature-inspired landscapes that help to reduce flooding, help mitigate the effects of climate change, increase biodiversity, promote physical activity and social emotional well-being, and nurture outdoor learning. The program includes a local network of school support and a suite of environmental curricular connections.



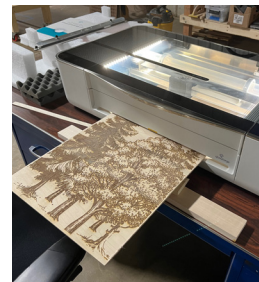
INNOVATIVE PLACEMAKING & RAINWATER HARVESTING

Reflo helps neighborhoods create meaningful spaces that enhance urban life while creatively using rainwater to inspire community-based projects. By working with agencies, neighborhoods, and other partners, Reflo has helped to transform vacant lots and brownfield sites into vibrant community destinations.



MILWAUKEE WATER STORIES

This program helps Southeastern Wisconsin residents appreciate water as a valuable resource through interactive digital media experiences: engaging maps, a role-playing game, a mobile app, and Virtual Water Table. Reflo curates these resources for educators, students, museums, nonprofits, agencies, and the general public.



THE WORKSHOP

The Workshop Program began with the creation and production of the Outdoor Discovery Cart. Since then it has grown into a full woodworking studio space that produces 12 carts per year, benches made out of locally sourced wood, signs for redeveloped schoolyards and more.



ENVIRONMENTAL INTERNSHIPS

High school students are employed through experiential, project-based learning opportunities and personal skill development workshops. Content experts support career pathway exploration through maintaining green infrastructure projects, supporting community initiatives, and developing school sustainability projects.

PARTNERSHIP OPPORTUNITIES

Interested in an Outdoor Discovery Cart or having our environmental educators support your class? Curious what watershed you live in? Have a cool opportunity for our interns or interested in working with us in a different way? Send us a message with your ideas!

CONTACT

Justin Hegarty, P.E., LEED AP,
Executive Director and Environmental Engineer
justin.hegarty@refloh2o.com
414-949-7356

Green Tech Station Development Summary & Timeline

Site History

4101 N. 31st Street was previously a roughly 3-acre railroad sideyard, which included seven large aboveground fuel oil storage tanks along the railroad line – six 250,000-gallon tanks and one 500,000-gallon tank (2 million gallons of bulk oil storage capacity total). Historical records show a pump house, truck filling station, office building, and garage along with the tanks. The original company operating at the site was Wisconsin Independent Oil Company, which served other businesses in the 30th Street Corridor and heavy industry nearby. Later, the Milwaukee Metropolitan Sewerage District (MMSD) installed significant underground infrastructure related to storm sewers and the deep tunnel system. Before everything, a stream ran through the site, which had been filled in.

Timeline

2007

- The City of Milwaukee forecloses on the property
- Giles begins site investigations for environmental contamination

2013

- GZA completes environmental investigations

2014

- Property transferred to the Redevelopment Authority of the City of Milwaukee

2015

- EPA Brownfield Cleanup Grant secured

2016

- Assemble main project partners
 - City, consultants, NWSCDC, Reflo, Joel Parker (inspiration from Chevy in the Hole in Michigan)
- Planning for cleanup activities and redevelopment visioning starts

2017

- Continue environmental investigation activities, including soil borings, monitoring wells, and developing strategy for redevelopment
- Host partner interest meeting to discuss project goals, gauge interest in long-term programming, solicit possible funding for redevelopment
- Grant writing

2018

- Project out for bid
- Conduct assorted community engagement activities, meet with local elected officials, present at RACM Board meeting
 - Host community cistern build day in October with 90 volunteers
- Additional fundraising, grant writing, and budgeting
- Finish site plan
- 10-year lease signed by NWSCDC & RACM
- Construction begins

2019

- Trees planted (summer)
- Prairie seeded (summer)
- Wetland plugs planted (October)
- Green infrastructure installed/planted, other landscaping work done

2020

- Shipping container delivered to site
- Add Black Lives Matter cup art to fence
- P4 monitoring equipment installed

2021

- Pavilion constructed
- Hosted soft opening / open house for partners
- Bottle cap mosaic & benches brought to site
- Field trips and research starts
- Prairie overseeded

2022

- Host Citywide Arbor Day tree celebration, plant new street trees
- Dig and install rain garden
- Solar array installed on pavilion roof
- African water vessel sculptures installed
- Added new granite paths & bulbs south of pavilion
- Host additional field trips, tours, youth groups, volunteer days, etc.

2023

- WaterMarker installed (May)
- Grand opening / ribbon cutting ceremony (September)
- Field trips continue

2024

- Programming, field trips, and maintenance continues
- Additional benches delivered to site, host unveiling event for interns

Partners

City of Milwaukee / Redevelopment Authority of the City of Milwaukee

Reflo

GZA

Ramboll (formerly NRT, then OBG)

ArtWorks for Milwaukee

Bradley Tech Student Foremen

Walnut Way Conservation Corp. / Blue Skies Landscaping

Sand County Environmental

The Water Council

P4

Milwaukee Metropolitan Sewerage District (MMSD)

Marquette University

U.S. Geological Survey (USGS)
WaterMarks / City As Living Lab (CALL)
Cream City Conservation & Consulting

Major Funders to date

U.S. Environmental Protection Agency (EPA) Brownfields Fund, Redevelopment Authority of the City of Milwaukee (RACM), U.S. Forest Service - Great Lakes Restoration Initiative, Fund for Lake Michigan, Milwaukee Metropolitan Sewerage District (MMSD), Wisconsin Department of Administration (DOA) - Equitable Recovery Program, City of Milwaukee DPW GreenSolutions Program, Greater Milwaukee Foundation, Kohl's Hometown Giving Program, Brico Fund, RENEW WI - Solar for Good, Hammond Climate Solutions, and WE Energies Foundation.

GREEN TECH STATION

SITE TRANSFORMATION



BEFORE

0 annual visitors

3 acres of vacant, abandoned brownfield

0 types of green infrastructure present

minimal number of gallons of stormwater captured on site

0 solar panels on site

\$0 invested into site improvements

AFTER

400+ annual visitors (2022 figure)

3 acres of clean greenspace with new outdoor classroom, pathways, & more

9 types of green infrastructure present, including 465 trees planted

115,000+ gallons of stormwater captured every time it rains

24 solar panels installed (8.88 kW array) to generate power

\$1 million+ invested since beginning of redevelopment





GREEN TECH STATION

SUMMER / FALL 2024



Green Tech Station is a partnership of NWSCDC and the City of Milwaukee to transform a vacant brownfield site at 4101 N. 31st Street into a green infrastructure demonstration and environmental education destination. Our team has completed environmental remediation and installed all different types of green stormwater management features.

Green Tech Station is designed as an outdoor classroom space accessible to schools, environmental education organizations, and community groups for free programming, visits, and tours, free of charge. It also provides research and product testing opportunities for water-based technologies.

Green Infrastructure Features

- 465+ trees planted
- 20,000 gallon underground cistern & pump system
- 4 bioswales to capture stormwater
- Native prairie
- Permeable pavement test plaza
- Constructed wetland
- Rain barrel + StormGUARDen

Additional Site Features

- Open-air pavilion (Outdoor Classroom)
- Benches
- Shipping container storage space
- Solar panels & electricity access
- Walking paths
- Artwork - WaterMarker, sculptures, mosaic
- Free public wi-fi
- View of MMSD Deep Tunnel access shaft

Programming Opportunities

Scan the QR Code to visit the [Green Tech Station website](#) or contact Sarah Bregant at sarah.b@nwscdc.org or 414-444-8200 ext. 8104 to schedule your field trip or visit!



Green Tech Station is a 3-acre site located on 31st Street just north of Capitol Drive





Photo Credit: Reflo

We have hosted more than 100 groups for tours, volunteer days, and other events at the site, including hands-on workshops like tree pruning for the poplar & cottonwood trees that were planted in 2019. Thirty 5'x7' test plots offer companies and researchers an opportunity to demonstrate and test green infrastructure products above the underground cistern. Altogether the site can capture 115,000+ gallons of stormwater. African water vessel sculptures flank the southern paths. An 8.88 kW solar array is on the roof of the pavilion to generate clean electricity.



Photo Credit: Reflo

In addition to research and volunteer opportunities, Green Tech Station welcomes community members and students for field trips & tours free of charge! An outdoor discovery cart and hidden infrastructure exhibit is on site to support field trips. We have welcomed 2,000+ visitors to the outdoor classroom so far. Shown at the left, Reflo hosted 3rd and 4th graders from Trowbridge School for a field trip in fall 2022.

GREEN TECH STATION

WHERE ENVIRONMENTAL ART IS FLOURISHING

Once a vacant brownfield site, Green Tech Station (4101 N. 31st St) has been transformed into an environmental education destination with all different types of green infrastructure. NWSCDC, the City of Milwaukee, and other partners designed Green Tech Station as an outdoor classroom accessible to schools, organizations, and community groups for free programming, tours, and research opportunities.

Art has a significant and growing presence at Green Tech Station. The site is already home to a plastic bottle cap mosaic, 22 water-themed benches, and two African water vessel-inspired sculptures. Each art element is unique in material and appearance but connected via themes of environmental stewardship.

Green Tech Station is also home to the North Side's first WaterMarker installation, a 25' tall pole with an illuminated 'G' at the top which pulses when heavy rain is expected and provides free WiFi. The WaterMarker is part of a series of other Markers throughout the City, creating an atlas of water stories and accompanying art projects. NWSCDC welcomes new art projects at Green Tech Station also! Please contact us if you have an artwork proposal in mind.

Bottle Cap Mosaic

ArtWorks for Milwaukee interns created a 16-panel mosaic with approx. 12,000 recycled plastic bottle caps that spell out "Green Tech Station" and features a growing ribbon of blue to signify Lincoln Creek as it flows into the Milwaukee River and subsequently into Lake Michigan.



Scan the QR Code to visit the Green Tech Station website, or contact Sarah Bregant at sarah.b@nwscdc.org or 414-444-8200 x. 8104 with questions and ideas.





Benches

There are 22 benches on site designed by two different cohorts of ArtWorks for Milwaukee interns between 2021 - 2024, each with various water themes. The benches are available under the pavilion to support tours and events.



WaterMarks

Local stakeholders chose the letter 'G' for the WaterMarker installation at Green Tech Station, which stands for Gather, Growth, Garden Homes, Green Infrastructure, and Grit. The pole was installed in May 2023. Artist Glenn Williams created two grand 7-foot sculptures that flank the southern path on site. Inspired by African water vessels and proverbs, the words "water is an ancestor" and "water has no enemies" are inscribed into the sculptures.





Report to the
Sustainability Commission
of the City of Green Bay

MEETING DATE

November 20, 2024

AGENDA ITEM # G.2

Next Sustainability Commission meeting: **December 18** at 5:00pm.

BACKGROUND

RECOMMENDATION

FISCAL IMPACT

ATTACHMENTS

None