



**Metropolitan Water
Reclamation District
of Greater Chicago**

2022 Sustainability Summit

October 21, 2022



MWRD Stormwater Capital Programs

- Stormwater Phase I (DWP) Projects
 - Design and Construction of Regional Flood Control and Streambank Stabilization Projects
- Stormwater Partnership Program (Phase II)
 - Funding of Shovel-Ready Projects
 - Design of Conceptual Projects
- Flood-Prone Property Acquisitions
 - Voluntary buyouts where no practical engineered solution exists
- Green Infrastructure
 - Partnerships with Local Communities



MWRD Stormwater Capital Programs

Regional Flood Control and Streambank Stabilization Projects

Identified from Detailed Watershed Plans to address "riverine" flooding and erosion along regional waterways

Local Stormwater and Buyout Projects

Working with local communities and agencies to address local drainage problems.

Green Infrastructure Projects

Partnerships for addressing flooding and water quality issues using green practices that mimic the natural water cycle



The authority for general supervision of stormwater management in Cook County was conveyed to the District by the Illinois State legislature.

January 2011

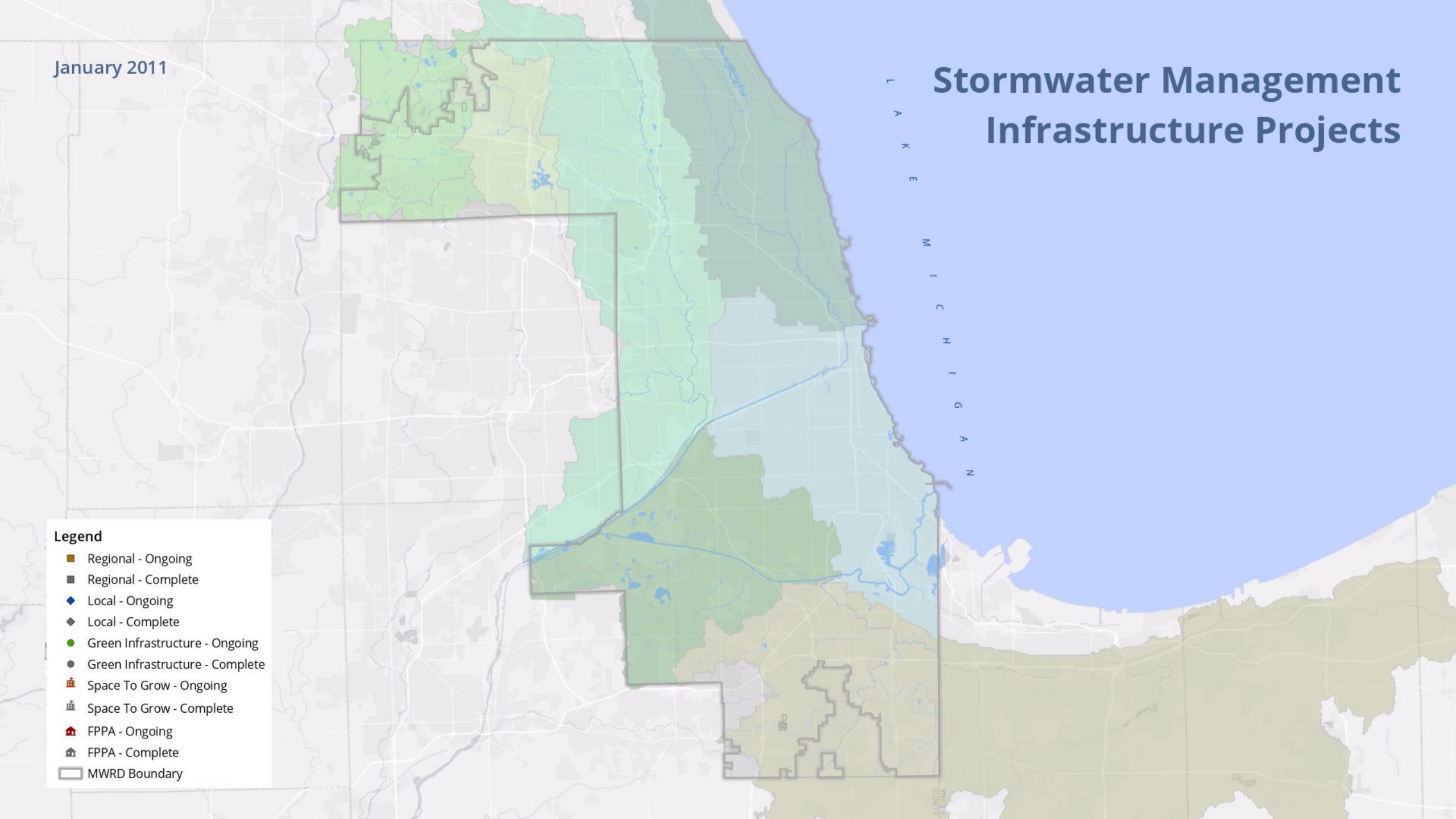
Stormwater Management Infrastructure Projects

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Legend

- Regional - Ongoing
- Regional - Complete
- ◆ Local - Ongoing
- ◆ Local - Complete
- Green Infrastructure - Ongoing
- Green Infrastructure - Complete
- 🏠 Space To Grow - Ongoing
- 🏠 Space To Grow - Complete
- 🏠 FPPA - Ongoing
- 🏠 FPPA - Complete
- ▭ MWRD Boundary



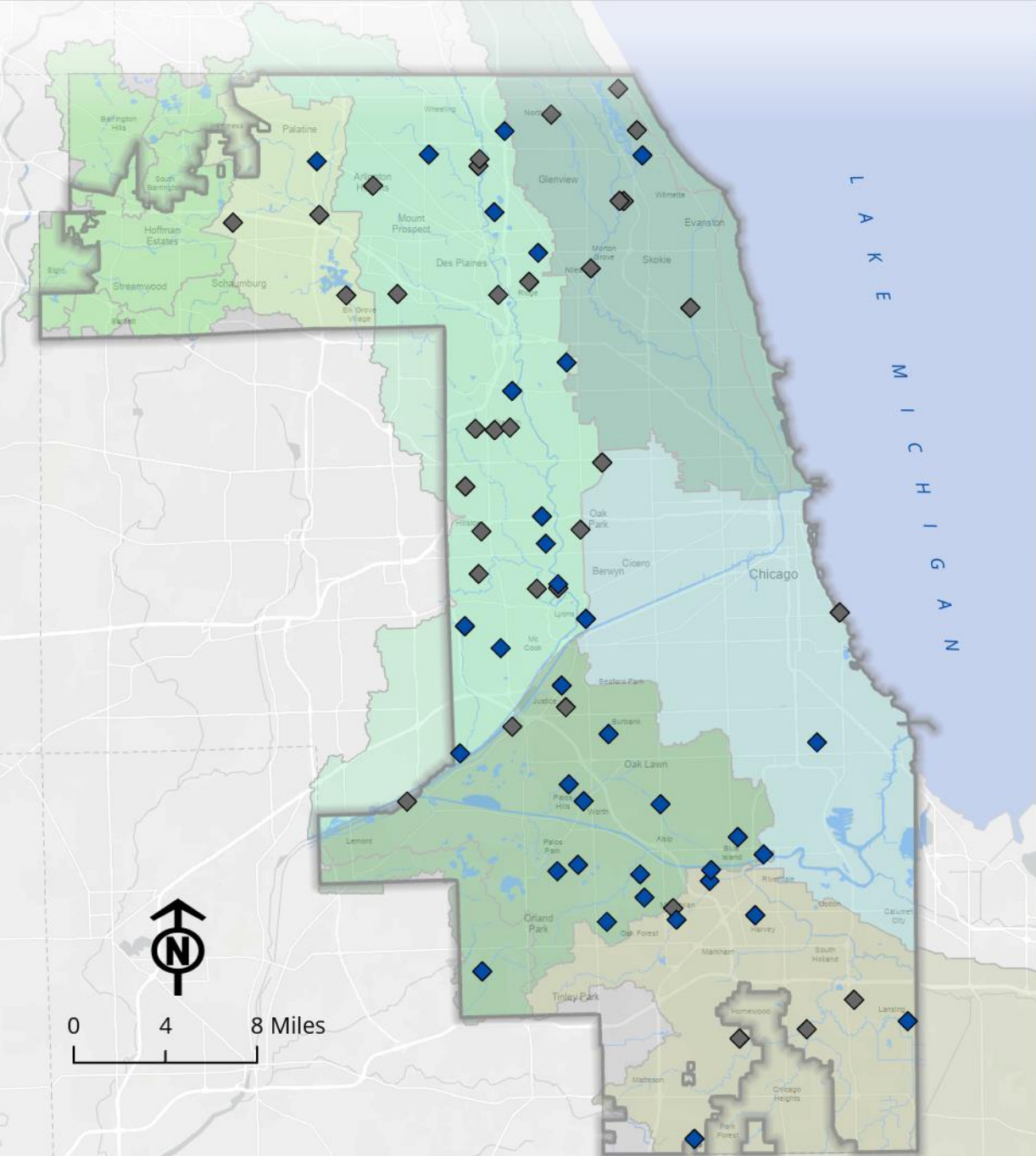
Stormwater Partnership Projects

Stormwater Program to-date

Program Component	Current Number of Projects	Structures Protected / Removed	Construction / Acquisition Cost (\$Millions)	MWRD Cost (\$Millions)
Regional Stormwater Projects (Phase I)	27	4,423	\$369	\$315
Local Stormwater Partnership Projects (Phase II)	67	>7,000	\$206	\$109
Green Infrastructure Projects	119*	5,382	\$114	\$35
Flood Prone Property Acquisitions	16	220	\$69	\$47
Totals	229	>17,000	\$758	\$506

*Includes all 34 Space to Grow projects to be completed by 2022.

See <https://mwrд.org/stormwater-management> for more info





Stormwater Partnership Program (SPP)

Visit www.mwrd.org/stormwater-partnership-program

Conceptual Projects

- Communities with stormwater problems affecting homes and businesses, seeking assistance to investigate potential solutions
- MWRD can provide technical assistance for preliminary engineering

Design & Shovel Ready Projects

- Communities who have initiated engineering on a stormwater project
- MWRD can provide funding assistance through reimbursement of construction costs



Design & Shovel Ready Project Eligibility Requirements

1. Project must address structural flooding, not nuisance flooding
2. Project must be designed to manage stormwater through storage, conveyance, and/or stream channel improvements
3. Project must be bid in accordance with District's Purchasing Act and with Diversity requirements
4. Partnering agency must maintain perpetual ownership or easement over the project site
5. Applicant must be willing and capable of contract administration and maintenance long-term
6. Must be a public entity able to enter into an Intergovernmental Agreement with MWRD



More detail at mwrdd.org/stormwater-partnership-program



Voluntary Flood-Prone Property Acquisition Program (FPPA)

Visit www.mwrd.org/flood-prone-property-acquisition

- Structures must lie within FEMA's Special Flood Hazard Area or MWRD's Detailed Watershed Plan Inundation Area
- Benefit-Cost ratio must be equal to or greater than 1
- If the structure's value is less than \$323,000, no benefit-cost analysis is required





Green Infrastructure

Rain Barrel Program

Comprehensive Land Use Policy

Community Assistance and Public Outreach

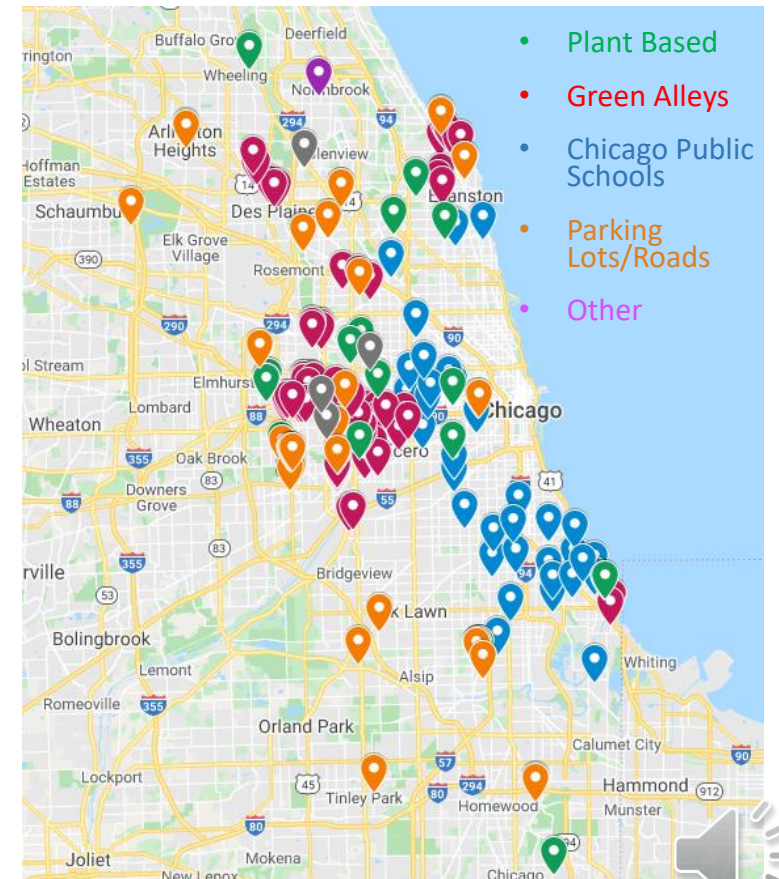
Projects and Design Retention Capacity



Green Infrastructure Program

	Average per year	Total
Applications Submitted	30-40	200
Projects Selected	10-20	83
Estimated Structures Benefitted	956	4781
Estimated Total Construction Costs [Million]	9.26	46.3
Estimated Design Retention Capacity [Million Gallons]	1.76	8.81

For more information, see mwrд.org/services/green-infrastructure



MWRD Green Infrastructure Projects



Green Infrastructure Eligibility Requirements

1. Project located within District corporate limits (please see the link on the website for a map of these limits.)
2. Project designed to manage stormwater using Green Infrastructure
3. Project must be bid in accordance with District's Purchasing Act and with Diversity requirements
4. Applicant must be willing and capable of contract admin. and maintenance long-term
5. Must be a public entity able to enter into an Intergovernmental Agreement with MWRD



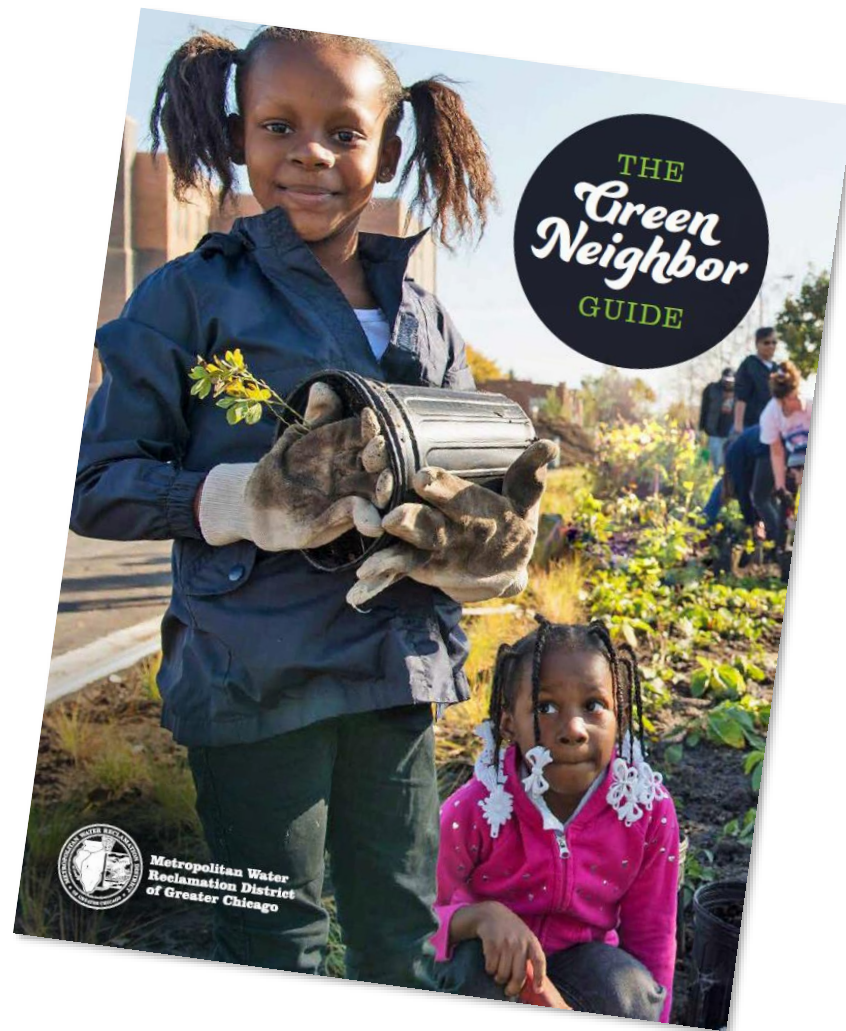
More detail at mwrdd.org/gi-app



New GI Initiative - Green Guides

Develop Green Guides targeting multiple audiences:

- Green Neighbor Guide
 - Step-by-step instructions on how to manage stormwater on residential properties
 - Covers rain barrels, rain gardens, permeable pavement, and dry wells
 - **Available for download at:**
https://mwrdr.org/sites/default/files/documents/Green_Guide_191220.pdf
- Guide for Professionals
 - Enhanced green infrastructure details for developers
 - Suite of GI/BMP details for use by municipal engineers
 - Under development







TREE PICKUP DAYS



Pick up your free trees on Wednesday mornings from 9 a.m. to noon at the following MWRD water reclamation plants (WRPs):

- Calumet WRP • 400 East 130th St., Chicago
- Egan WRP • 550 South Meacham Rd., Schaumburg
- Hanover Park WRP • 1220 Sycamore Ave., Hanover Park
- Kirie WRP • 701 West Oakton St., Des Plaines
- O'Brien WRP • 3500 Howard St., Skokie
- Stickney WRP • 6001 West Pershing Rd., Cicero



For more information:

- * Call the MWRD Office of Public Affairs at 312.751.6633
- * visit our website at mwrdd.org
- * email public.affairs@mwrdd.org

Post a selfie with your tree on Facebook or Twitter and tag us @mwrddgc with #MyMWRDTree. You can also email pictures to public.affairs@mwrdd.org.

     #myMWRDTree

Restore the Canopy trees are not for resale.





GRANTS

WHERE TO LOOK, HOW TO APPLY



Apply Using Workspace

Grants.gov Workspace enables you and your colleagues to fill out webforms and apply together. Create a workspace for an open funding opportunity to begin.

[Apply for a Grant Using Workspace »](#)

- SEARCH GRANTS
- GET STARTED
- GRANT POLICIES
- GRANT-MAKING AGENCIES
- PREVENT SCAMS
- COMMUNITY BLOG
- TWITTER FEED
- YOUTUBE VIDEOS
- ONLINE HELP
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AOR **MW**

Latest Resources for

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INTRO to APPLY ON GRANTS.GOV

Scheduled Maintenance:

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Search for Resources, Data, Webinars...



Online Giving Rose 12% in 2017

PREMIUM



Top Earners Among Community-Foundation CEOs



America's Superrich Made Near-Record Contributions to Charity in 2017

RESOURCES & TOOLS

- ARTICLE PREMIUM
How to Run a Fundraising Campaign for Valentine's Day and Other 'Hallmark' Holidays
- ARTICLE
Allison Fine Answers Readers' Questions on Careers, Management, Leadership, and More
- ARTICLE PREMIUM
6 Ways to Attract and Nurture Self-Made Donors
- ARTICLE
How Foundations Can Avoid Common Pitfalls and Collaborate

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ALL TOPICS

FEBRUARY 16, 2018

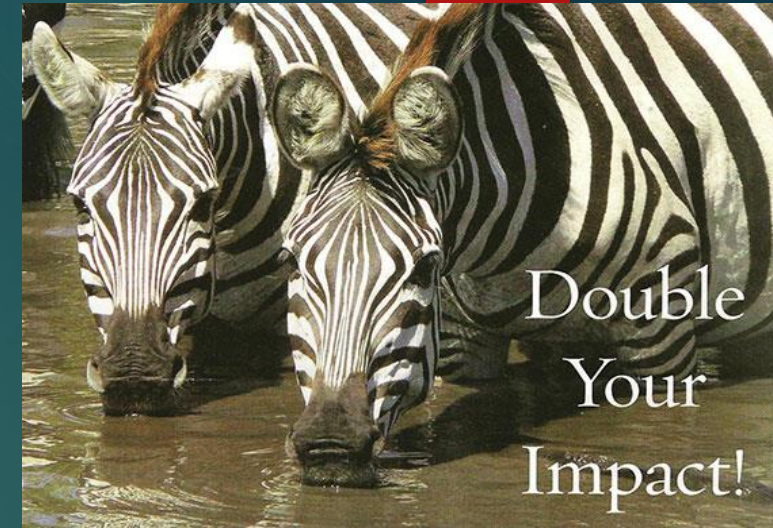
TOP JOBS

Questions for evaluating grants

- ▶ Are you eligible to apply?
- ▶ What are the overall program goals?
- ▶ What kind of projects have they previously funded?
- ▶ Will your project fit, or is it a stretch?
- ▶ Are matching funds required? How much? Do they need to be committed?
- ▶ Will award date fit with your project timeline?
- ▶ What type of reporting is required?
- ▶ Do you need letters of support?

Matching funds- Don't Panic!

- ▶ Design contract costs count
- ▶ Value of land counts
- ▶ Staff time spent on project can count
- ▶ Make sure not to use federal funds to match federal funds- it's generally not allowed.



Writing



Tips

- ▶ If possible, have a writer work on your proposals
- ▶ Remember, you are telling a story
- ▶ Tie your project in with the funder's goals
- ▶ Don't repeat yourself. Know what you want to say, review the application and decide where you want to say it
- ▶ Give yourself enough time to create a successful proposal. Don't rush to make a deadline and blow your chance with a funder
- ▶ Review, review, review! Typos and grammatical errors are embarrassing



Questions

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