



Métropole
du Grand Paris



SEINE
GRANDS
LACS



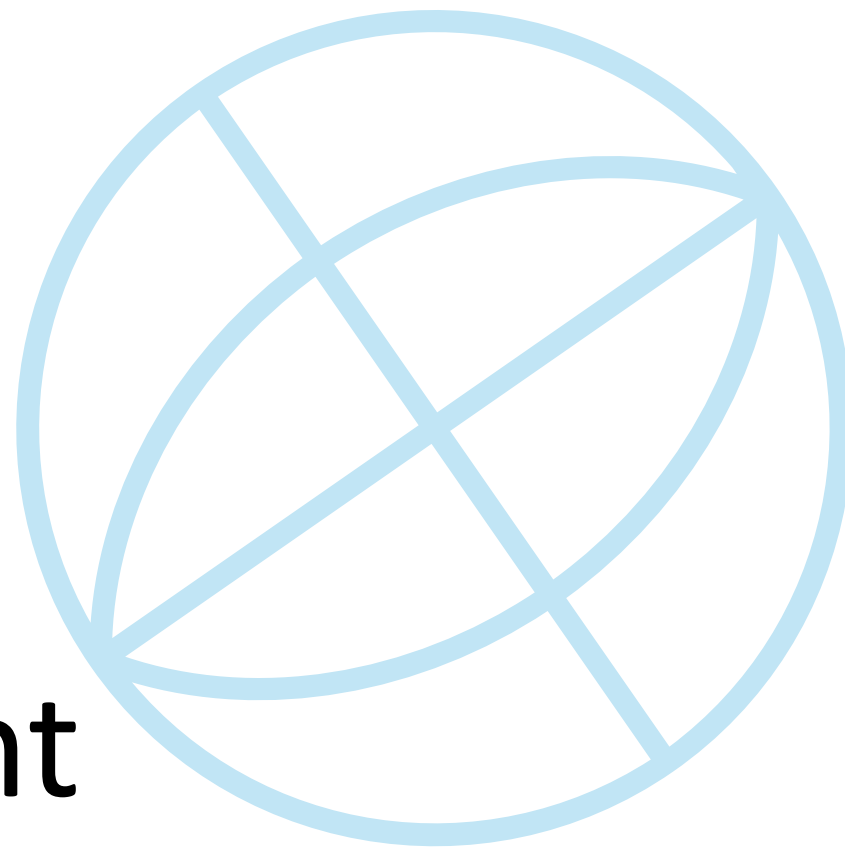
AGENCE
eau
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NORMANDIE



MAWAC-ENA WORKSHOP

PARIS

November
2025



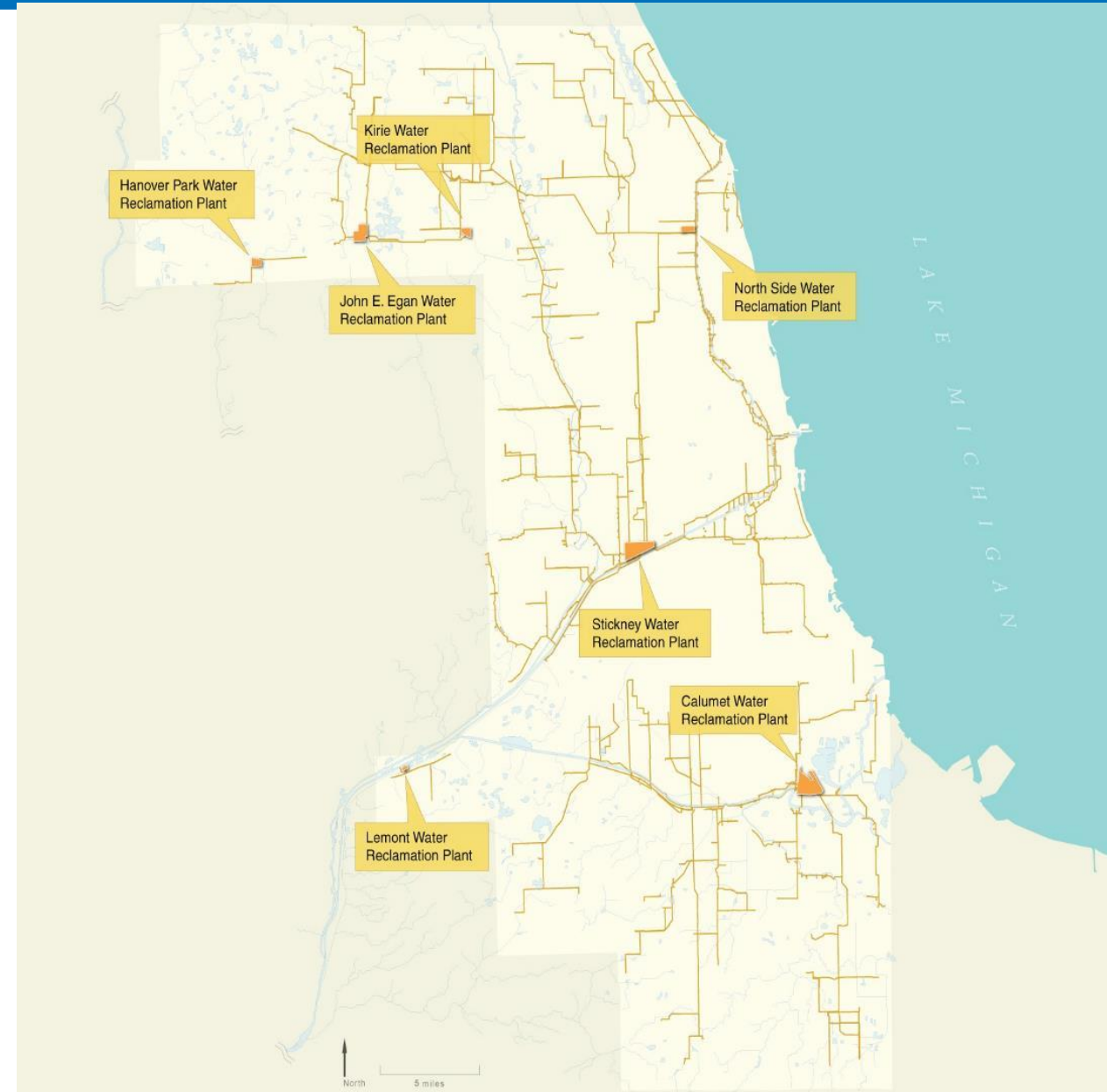
Community Engagement

Metropolitan Water Reclamation District of Greater Chicago



Metropolitan Water Reclamation District of Greater Chicago

- Created in 1889
- Located in Northeast Illinois
- 92% of Land and 98% of Assessed Valuation of Cook County
- Chicago and 128 Suburbs
- Responsible for Wastewater and Regional Stormwater
- 7 Water Reclamation Plants
 - Serves an Equivalent Population of 12.72 M
 - 5.16 M People
 - Average Daily Treatment ~ 1.1 BGD
 - Maximum Treatment Capacity ~ 2 BGD





Tunnels and Reservoirs Plan

TUNNELS & RELATED FACILITIES

System	Construction Costs*	Miles (All Completed)
Mainstream	\$1,142	40.5
Calumet	657	36.7
Upper Des Plaines	64	6.6
Des Plaines	469	26.6
TOTAL	\$2,332	110.4

RESERVOIRS

Designation	Total Costs*	Storage Capacity (Billion Gallons)	
		Total	Completed
McCook	\$1,029	10.00	3.50
Thornton	450	4.80	4.80
Majewski	45	0.35	0.35
TOTAL	\$1,524	15.15	8.65

*in millions

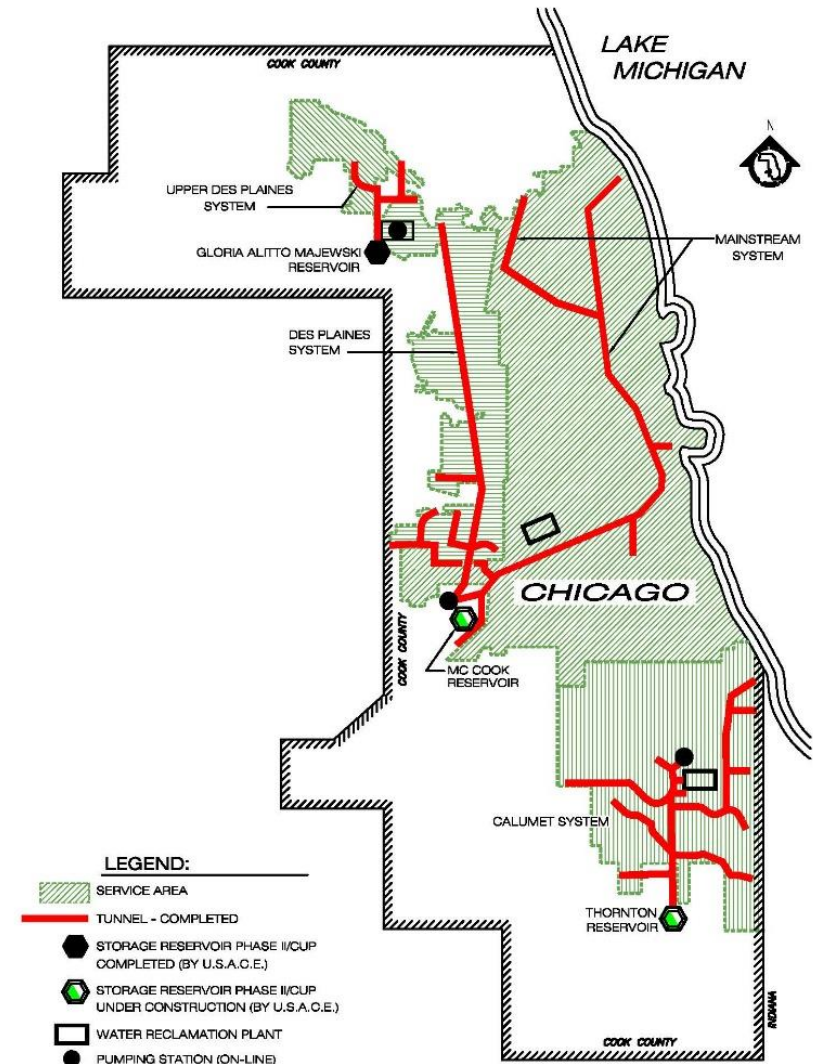


Figure 3: Tunnel and Reservoir Plan Project Status

Community Engagement



Educational
Speakers

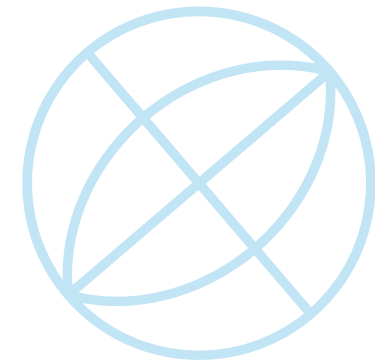


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graph LR; A[Educational Speakers] --- B[Community Event Representative]; A --- C[Tour Our Facilities]; B --- D[Regional Councils]; C --- D; A --- B --- C --- D --- A
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Community
Event
Representative

Tour Our
Facilities

Regional
Councils



Educational Speakers



The MWRD provides in-person and virtual presentations about our work and areas of responsibility for all ages. We provide speakers for K-12 career days or fairs and STEM-related events. [Request an education speaker](#) for your group by filling out the form. Please submit requests at least three weeks in advance.

Community Event Representatives



The MWRD attends community and special events throughout Cook County, including back-to-school and environmental fairs, farmers markets, municipality events and community festivals. We provide free resources for all ages to learn about wastewater treatment, flood reduction, water quality improvements and how residents can help. [Request an MWRD](#)

Tour Our Facilities



The MWRD offers in-person and [virtual tours](#). [Group tours](#) are scheduled by appointment only at our seven water reclamation plants (WRPs). [Watch a one-hour recorded tour](#) or [register for a live virtual tour](#).

[Tour Request Form](#)

Stickney Water Reclamation Plant *Open House & Tours*

SATURDAY • AUG. 2, 2025
10 A.M. TO 2 P.M.



**FREE
OAK TREE
SAPLINGS**



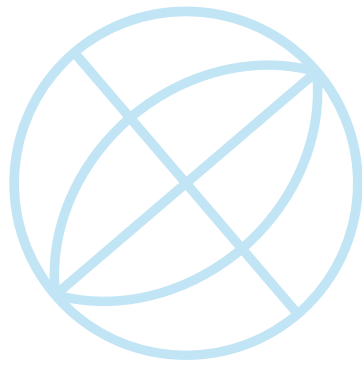
**FREE
MILKWEED
SEEDS**



**FREE
MEDICATIONS
COLLECTION**

mwrld.org [f](#) [X](#) [ig](#) [@](#) [t](#) [v](#) [in](#)

Community Partnership Council



Stickney Water Reclamation Plant Community Partnership Council

[Home](#) / Stickney Water Reclamation Plant Community Partnership Council



The application process has closed.

Snapshots from
the MWRD
Calumet
Community
Partnership
Council 2022-
2024





Metropolitan Water Reclamation District of Greater Chicago

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[Board of Commissioners](#) ▼

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[Events](#)

13th Annual Sustainability Summit

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NOV
13

🕒 10:00am - 12:00pm

📅 Thursday, November 13, 2025

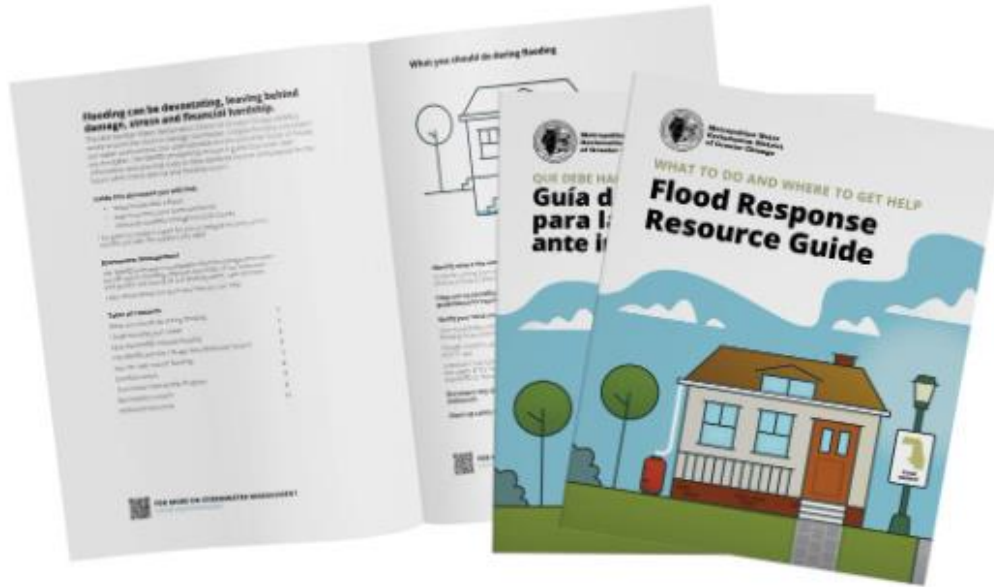
📍 [4936 W. 23rd St., Cicero, IL 60804](#)

The MWRD's 13th Annual Sustainability Summit is set for November 13 from 10 a.m. – noon at the Town of Cicero Community Center, 4936 W. 23rd St., Cicero, Illinois.

There is free parking in the nearby garage on 50th Street between Cermak Road and W. 23rd Street.

In addition to members of the MWRD Board of Commissioners, scheduled speakers will highlight a range of topics focused on climate resilience, infrastructure, and community engagement. Renee Patten, Sustainability Coordinator for the Forest Preserves of Cook County, and John Watson, Sr. Civil Engineer of Water Resources

Stormwater Management



Flood Response Resource Guide: What to Do and Where to Get Help

14-page booklet

[English](#)  • [Español](#) 

This resource guide provides clear information and practical tools to help residents recover and prepare for the future when storms and flooding occurs.



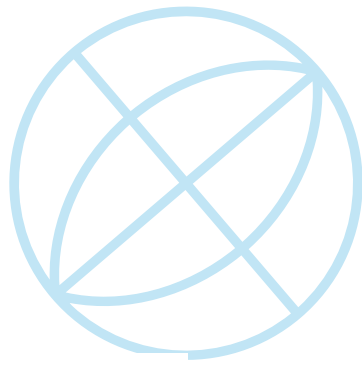
Overflow Action Days: A Simple Guide to Water Conservation

12-page half-size booklet

[English](#)  • [Español](#)  • [Polski](#) 

A Friends of the Chicago River publication to educate residents on conserving water at home during forecasted heavy rainfall, ensuring sewer systems can handle excess stormwater.

Stormwater Management



Rain Barrels

tri-fold brochure

[English](#)  • [Español](#)  • [Polski](#) 

This brochure explains how to order and use rain barrels to help with water conservation and reduce your water bill. Using rain barrels reduces the flow of rainwater from your property into local sewer systems.



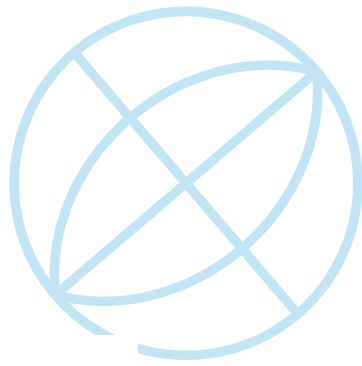
The Green Neighbor Guide

44-page booklet

[English](#)  • [Español](#) 

This guide provides instructions for stormwater management projects that you can construct or install on your property, including rain gardens, permeable pavement, and rain barrels.

Water Wellness



Call 1-800-Dump to Report Blockages, Dumping, or Odors

dual-language rack card

[English](#)  • [Español](#) 

This rack card features our 1-800-332-DUMP reporting hotline. Citizens can help keep our waterways clean and flowing well by reporting waterway blockages, illegal or suspicious dumping to waterways or sewers, or odors.



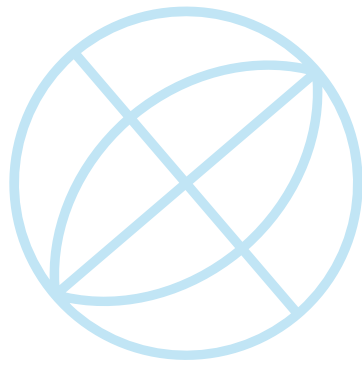
Think Inside the Box for Unused Drugs

rack card

[English](#)  • [Español](#) 

Safe drug disposal means safe water. This rack card helps citizens do their part by locating and using a drug collection box located at MWRD facilities and throughout Cook County.

Restore the Canopy: Plant a Tree



Restore the Canopy, Plant a Tree

tri-fold brochure

[English](#)  • [Español](#) 

Restore the Canopy offers free saplings to help restore our region's depleted tree canopy. This brochure lists pick-up information, tips on planting, and care instructions.

MWRD Small Business Summit

[Home](#) / [Events](#) / MWRD Small Business Summit



The banner for the MWRD's 2025 Small Business Summit features a blue and white color scheme. On the left is a vertical banner with the MWRD seal and the text 'TUESDAY 9.9.2025' and 'MALCOLM X COLLEGE'. To the right, the title 'THE MWRD'S 2025 Small Business Summit' is displayed in large, bold letters. Below the title is a quote: 'An inspiring day empowering and connecting small businesses with industry leaders, prime contractors, consultants, and agencies.' The bottom right of the banner contains a collage of six hexagonal images showing various people in professional settings, including networking, presentations, and group photos.

THE MWRD'S 2025
Small Business Summit

An inspiring day empowering and connecting small businesses with industry leaders, prime contractors, consultants, and agencies.



This vertical banner for the MWRD Diversity's Small Business Success Stories event features the MWRD seal at the top. Below the seal, the text 'FRIDAY 11.21.2025' and '11AM-12PM' is displayed in white on a blue background.

FRIDAY
11.21.2025
11AM-12PM

JOIN US FOR MWRD DIVERSITY'S Small Business Success Stories



FEATURED SPEAKER
Mike Saltijeral
President & CEO of Industrial Fence Inc.

HOSTED BY
Richard L. Martinez Jr.
MWRD Diversity Administrator



[REGISTER HERE](#)

The Metropolitan Water Reclamation District of Greater Chicago (MWRD) invites you to the **2025 Small Business Summit**, a premier event designed to foster connections, share resources, and open doors to new business opportunities. This dynamic, full-day event is designed to inform, connect, and empower small businesses seeking to work with the Metropolitan Water Reclamation District of Greater Chicago (MWRD).

Whether you're an experienced contractor or a newcomer to government procurement, the summit offers tools, insights, and connections to help your business thrive.

Monthly Seminar Series – Open to Public and Professionals

2025

January 31, 2025

["Working at the Bottom of the Water Industry,"](#)  Coby Forth, Wastewater Operator, Fox River Water Reclamation District, South Elgin, Illinois

February 28, 2025

["Be Ambitious: Durham Region's Water and Wastewater Net-zero GHG Roadmap,"](#)  Emma Shen, PhD, P.Eng., Global Principal, Jacobs, Toronto, Ontario, Canada

March 28, 2025

["Converting Invasive Hybrid Cattails \(*Typha x glauca*\) into Biochar and its Impact on Water Quality,"](#)  Brian Ohsowski, PhD, Assistant Professor, Loyola University Chicago, Chicago, Illinois

April 25, 2025

["Biological Chemically Enhanced Primary Treatment Compared to Traditional Activated Sludge Secondary Treatment During Wet Weather Flows,"](#)  Steve Baytos, Water Reclamation Facility Manager, City of Akron and, Mike Starkey, P.E., Burgess & Niple, Akron, Ohio

May 30, 2025

["Achieving Nutrient Efficiency and Improving Treatment Capacity through Source Separation,"](#)  Nancy Love, PhD, Professor, University of Michigan, Ann Arbor, Michigan

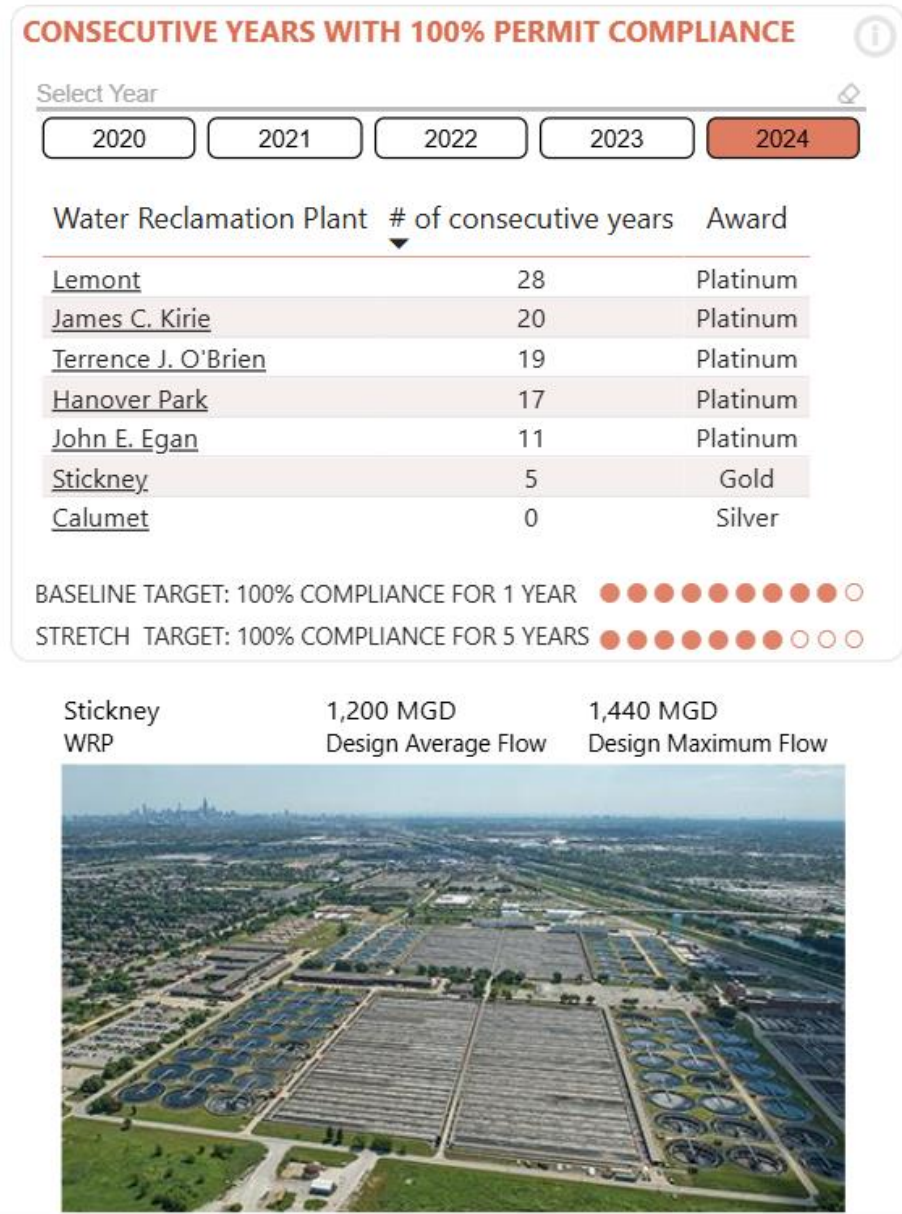
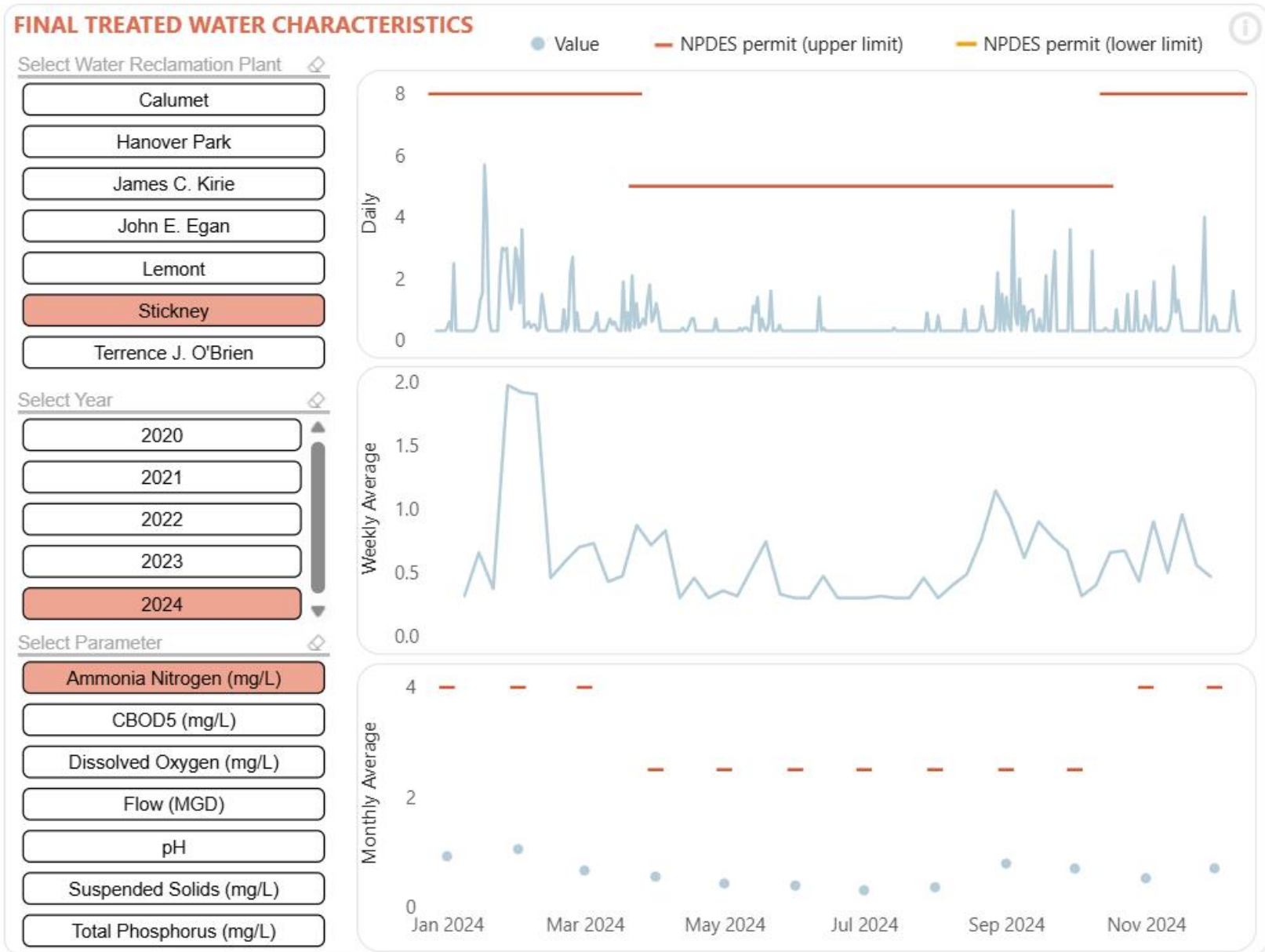
June 27, 2025

["Highlighting the Benefits of Machine Learning for BNR at HRSD,"](#)  Jeff Sparks, PhD, Director of Digital Water, Hampton Road Sanitation District, Virginian Beach, Virginia

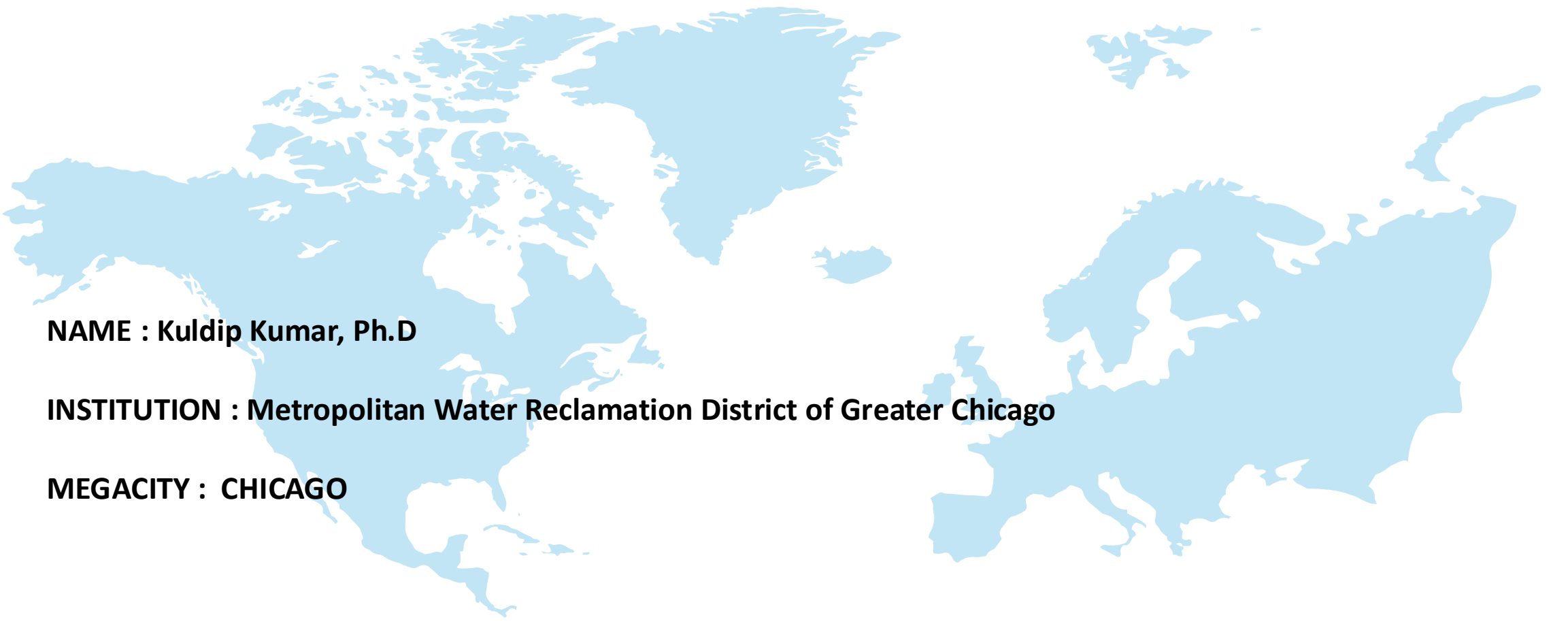
July 25, 2025

["Phosphorus Removal Filter Performance in an Urban Watershed,"](#)  Andy McCabe, PhD. Environmental Engineer, Barr Engineering, Minneapolis, Minnesota

August 22, 2025



Thank you for your attention



NAME : Kuldip Kumar, Ph.D

INSTITUTION : Metropolitan Water Reclamation District of Greater Chicago

MEGACITY : CHICAGO



MAWAC- ENA PARIS

NOVEMBER 2025

