# WATER 2023 RESOURCES UTILITYOF FUTURE TODAY Water Environment NACWA the water quality people\* US Water MATEREUSE Water Research

#### UotFT Partner Organization Representatives

- Oluwole (OJ) McFoy, NACWA President & General Manager, Buffalo Sewer Authority
- Peter Grevatt, Chief Executive Officer, WRF
- Jamie Eichenberger, Past President, WEF
- Mami Hara, Chief Executive Officer, U.S. Water Alliance
- Paula Kehoe, WateReuse Director & Director of Water Resources, San Francisco Public Works



# Judges for the UotFT 2023

- Many thanks to our distinguished panel of judges for their time and expertise in evaluating this year's applications:
- Drew Atwater, Deputy General Manager, Moulton Niguel Water District, CA
- Allison Deines, Director of Research and Strategy Engagement, AlexRenew, VA
- Kamuron Gurol, Division Director, King County Wastewater Treatment Division, WA
- Paula Kehoe, Director of Water Resources, San Francisco Water, CA



#### Judges for the UotFT 2023

- Tricia H. Kilgore, Director of Technology & Innovation, Beaufort-Jasper Water & Sewer Authority, SC
- John Kmiec, Director, City of Tucson Water Department, AZ
- Emma Larson, Assistant Public Utilities Director, City of St. Cloud, MN
- Angela Lee, Director, Charlotte Water, NC
- Peter Navratil, General Manager, Metro Vancouver Liquid Services, WA
- Daniel Nix, Utilities Operations Manager, City of Wichita Falls, TX
- Tim Nyander, Utilities Director, City of Fayetteville Wastewater Recycling Facility, AR

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#### Judges for the UotFT 2023

- Andrea Remias, Manager of Planning, Northeast Ohio Regional Water District, OH
- Robin Rupe, Project Manager, Northeast Ohio Regional Water District, OH
- Patrick Shea, Public Service Director, Saint Paul Regional Water Services
- Leisa Thompson, General Manager, Metropolitan Council Environmental Services, MN
- Stacy Thompson, Deputy Director, City of Saco, ME



#### **Utility of the Future Today Activity Areas**



The following **47 honorees** recognized in 2023 include **9 utilities new** to the program and **38 utilities** recognized for excellence in new activity areas, or reapplying from 2020



#### Albuquerque Bernalillo County Water Utilities Authority - NM

2023 Energy Generation & Recovery 2020 Watershed Stewardship 2019 Partnering and Engagement 2016 Recognized



Photos



Dedication ceremony for 4.4 MW solar array, surface water treatment plant, 2017



Section of 6.3 MW, 5.5-acre covered solar parking array, Water Authority customer service and operations center, 2022



Bio-gas fueled generator, Southside Water Reclamation Plant

THE UTILITY OF THE FUTURE TODAY

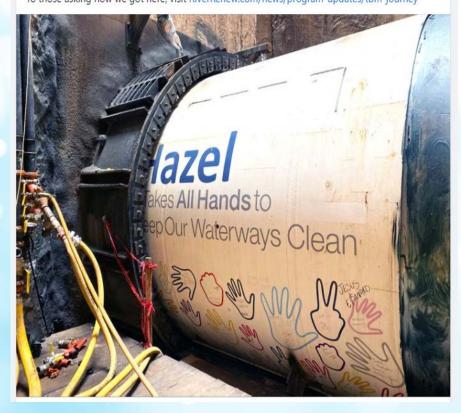
#### Alexandria Renew Enterprises (Alex Renew) - VA



Alexandria Renew Enterprises

Off she goes! 👋 Today, Hazel the TBM launched, starting a historic mission digging the two-milelong Waterfront Tunnel.

To our team and those who have followed Hazel from the beginning, thank you for your support. To those asking how we got here, visit RiverRenew.com/news/program-updates/tbm-journey



2023 Partnering & Engagement 2022 Watershed Stewardship 2016 Recognized





## Anne Arundel County, Bureau of Utility Operations -MD

2023 Energy Generation & Recovery

**2020 Beneficial Biosolids Reuse** 



## Broward County Water and Wastewater Operation, North Regional WWTP – FL



2023 Nutrient Reduction & Materials Recovery

2022 Energy Generation & Recovery

2021 Water Reuse

2020 Nutrient Reduction & Materials Recovery

2019 Energy Generation & Recovery



#### Capital Region Watershed District, MN



2023 Watershed Stewardship 2020 Watershed Stewardship WATER RESOURCES UTILITY FUTURE FUTURE

#### City of Boca Raton Utility Services - FL

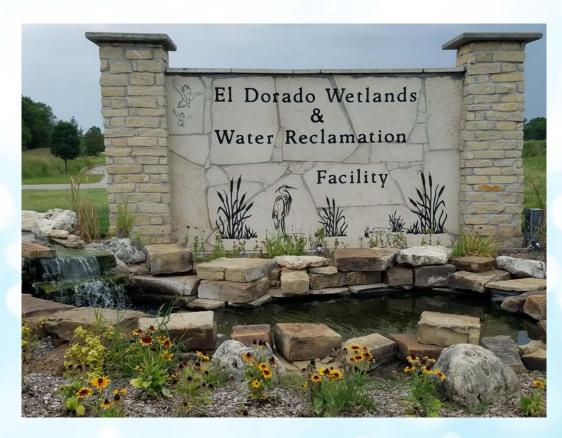


**2023 Beneficial Biosolids Use** 

2020 Water Reuse

WATER RESOURCES UTILITYTHE FUTURE

#### City of El Dorado, Wetlands and Water Reclamation Facility - KS



2023 Watershed Stewardship 2019 Partnering & Engagement WATER RESOURCES UTILITY FUTURE FUTURE

#### City of Fayetteville, Utility Department - AR



2023 Nutrient Reduction & Materials Recovery2020 Partnering & Engagement2017 \2019 Energy Generation & Recovery20162018 Energy Efficiency2016

**2017 Watershed Stewardship** 

2016 Recognized

WATER RESOURCES UTILITY FUTURE TODAY

## **City of Pompano Beach Utilities - FL**



2023 Partnering & Engagement2022 Water Reuse2021 Energy Efficiency2019 Water Reuse

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#### City of Santa Monica, Department of Public Works - CA



2023 Water Reuse

WATER RESOURCES UTILITY THE FUTURE

### City of St. Cloud - MN



2023 Energy Generation & Recovery

2022 Partnering & Engagement 2020 Nutrient Recovery **2019 Beneficial Biosolids Reuse** 

2018 Watershed Stewardship

2017 Energy Generation & Recovery

# **City of Vancouver - WA**



2023 Partnering & Engagement 2021 Energy Efficiency WATER RESOURCES UTILITY THE FUTURE

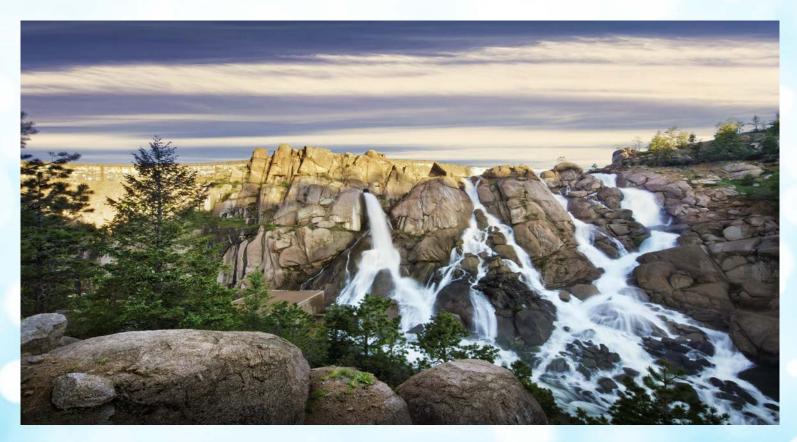
#### **Clean Water Services - OR**



2023 Energy Generation & Recovery 2022 Partnering & Engagement 2021 Nutrient Reduction & Materials Recovery

2020 Water Reuse 2019 Watershed Stewardship 2018 Energy Efficiency 2016 Recognized

#### **Denver Water – CO**



2023 Partnering & Engagement

WATER RESOURCES UTILITY FUTURE FUTURE

#### **EPCOR - AZ**



#### PROVIDING MORE

2023 Water Reuse

2020 Water Reuse

WATER RESOURCES UTILITY THE FUTURE

#### EPCOR Water Services Inc. - Gold Bar Wastewater Treatment Plant – CAN



**2023 Beneficial Biosolids Use** 



#### Fairfax County Wastewater Management Program - VA



2023 Energy Efficiency 2020 Partnering & Engagement 2016 Recognized

WATER RESOURCES UTILITY FUTURE FUTURE

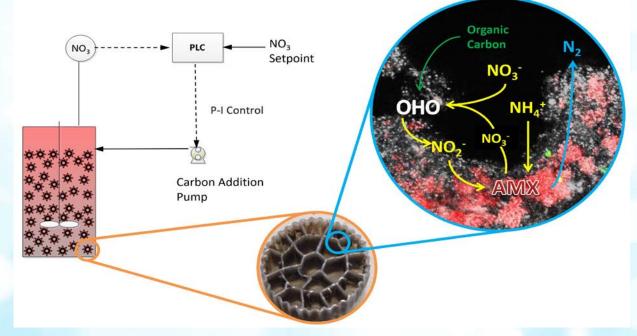
#### **Glenbard Wastewater Authority - IL**



2023 Energy Efficiency 2020 Energy Efficiency 2016 Recognized

WATER RESOURCES UTILITY THE FUTURE

#### Hampton Roads Sanitation District (HRSD) - VA



2023 Nutrient Reduction & Materials Recovery 2020 Water Reuse 2016 Recognized





#### Holland Area Water Reclamation Facility - MI



2023 Nutrient Reduction & Materials Recovery
2022 Water Reuse
2021 Partnering & Engagement
2020 Beneficial Biosolids Use

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#### **Irvine Ranch Water District - CA**



2023 Watershed Stewardship 2020 Water Reuse WATER RESOURCES UTILITY THE FUTURE

#### Los Angeles Department of Water and Power (LADWP) - CA



2023 Water Reuse 2020 Water Reuse



#### **McAllen Public Utility - TX**



2023 Partnering & Engagement 2021 Water Reuse 2020 Partnering & Engagement

WATER RESOURCES UTILITY FUTURE

#### Metropolitan Water Reclamation District of Greater Chicago - IL



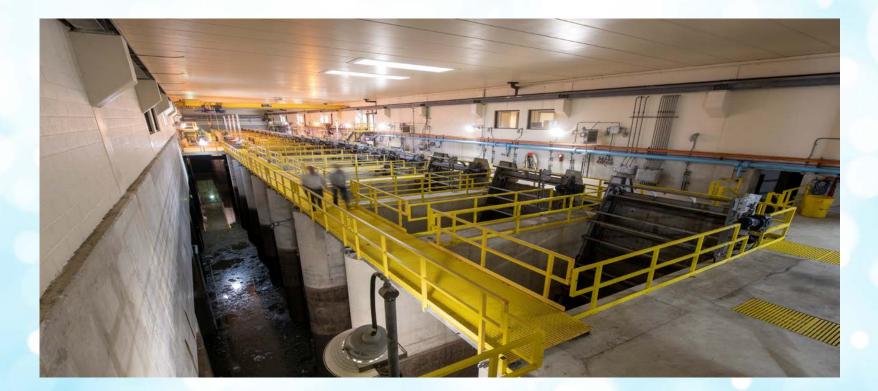
2023 Partnering & Engagement 2020 Watershed Stewardship 2016 Recognized WATER RESOURCES UTILITY FUTURE FUTURE

#### Moulton Niguel Water District -CA



2023 Partnering & Engagement 2020 Partnering & Engagement WATER RESOURCES UTILITY FUTURE TODAY

### **Oakland County Water Resources – MI**



2023 Watershed Stewardship 2021 Beneficial Biosolids Use 2020 Partnering & Engagement

WATER RESOURCES UTILITY THE FUTURE

#### Orange County Sanitation District (OC SAN) - CA



2023 Water Reuse 2020 Energy Generation & Recovery 2019 Watershed Stewardship 2016 Recognized

WATER RESOURCES UTILITYTHE FUTURE TODAY

# **Orange County Water District - CA**



2023 Water Reuse 2019 Water Reuse



#### Palm Beach County Water Utilities - FL



#### 2023 Water Reuse



# Philadelphia Water Department - PA





**2023 Watershed Stewardship** 

2022 Energy Generation & Recovery

# San Francisco Public Utilities Commission - CA





2023 Partnering & Engagement 2020 Partnering & Engagement 2017 Water Reuse 2016 Recognized

# Silicon Valley Clean Water - CA



2023 Energy Generation & Recovery 2020 Energy Generation & Recovery

## South Platte Renew - CO



2023 Energy Efficiency 2021 Watershed Stewardship 2020 Energy Generation & Recovery



# **Toho Water Authority - FL**



2023 Energy Efficiency 2022 Water Reuse 2021 Partnering & Engagement 2020 Energy Efficiency 2019 Water Reuse 2018 Partnering & Engagement RESOURCES UTILITY HE FUTURE

#### **Toronto Water - CAN**



# TORONTO Water

2023 Energy Generation & Recovery

WATER RESOURCES UTILITY DE FUTURE TODAY

# Town of Cary, Utilities - NC



2023 Energy Generation & Recovery 2022 Beneficial Biosolids Use 2021 Water Reuse

## **Tucson Water - AZ**



2023 Water Reuse 2022 Partnering & Engagement 2021 Watershed Stewardship 2020 Water Reuse 2019 Partnering & Engagement 2017 Energy Generation & Recovery, Watershed Stewardship 2016 Recognized

# Western Virginia Water Authority - VA



2023 Energy Generation & Recovery2019 Beneficial Biosolids Use2018 Partnering & Engagement

#### Dubai Municipality, Department of Sewage and Recycled Water Networks - UAE

# بصلدیدة دبری Dubai Municipality

**2023 Nutrient Reduction & Materials Recovery** 

# Eastern Municipal Water District - CA



2023 Water Reuse 2022 Partnering & Engagement 2021 Energy Generation & Recovery 2020 Water Reuse

# **Ontario Clean Water Agency – CAN**



2023 Partnering & Engagement



# Pima County Regional Wastewater Reclamation Department - CA



2023 Beneficial Biosolids Use 2022 Energy Generation & Recovery 2016 Recognized

#### San Jose Water - CA



**2023 Watershed Stewardship** 



# Southern Nevada Water Authority-NV



2023 Partnering & Engagement 2020 Partnering & Engagement

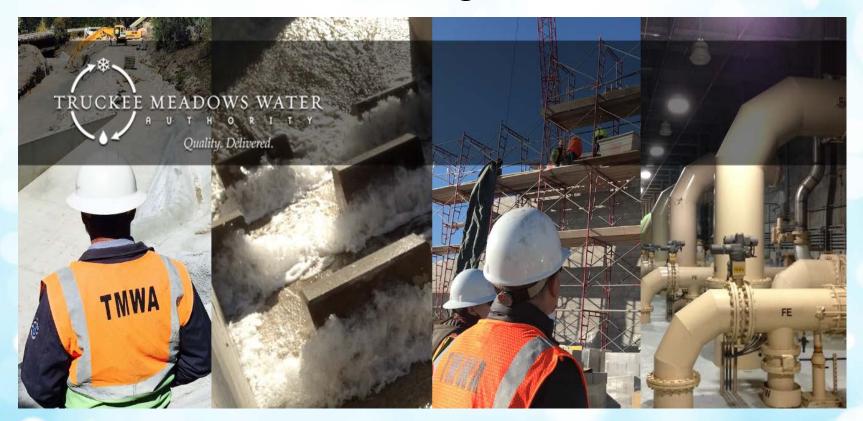
# **Town of Jupiter - FL**

#### Utility of the Future Today

*April 12, 2023 Town of Jupiter Utilities* 

#### 2023 Partnering & Engagement

# Truckee Meadows Water Authority - NV



2023 Partnering & Engagement 2020 Partnering & Engagement

## **University Area Joint Area - PA**



2023 Water Reuse 2020 Energy Generation & Recovery 2016 Recognized



# Congratulations to all 2023 Honorees!



The UotFT partners invite you to share a refreshment before heading out to you next activity.

