



**DALLAS  
WATER  
COMMONS**

[Click on logo above to see our introductory video](#)

# Purpose

- **Overview of Dallas Water Commons**
- **Development and Funding Agreement**
- **Future Phases**
- **Next Steps**



# Dallas Water Commons



Dallas Wetlands  
Foundation



City of Dallas



Dallas  
Park & Recreation



dallas water utilities

Public Partner



MATTHEWS SOUTHWEST

Land Contribution for Constructed Wetlands



Location

The Project area is approximately 17 total common acres (public and private combined).



# Able Sump System

# MAINTAIN



Flood Prevention

# CREATE



A Natural Park That Enhances Water Quality Through Filtration

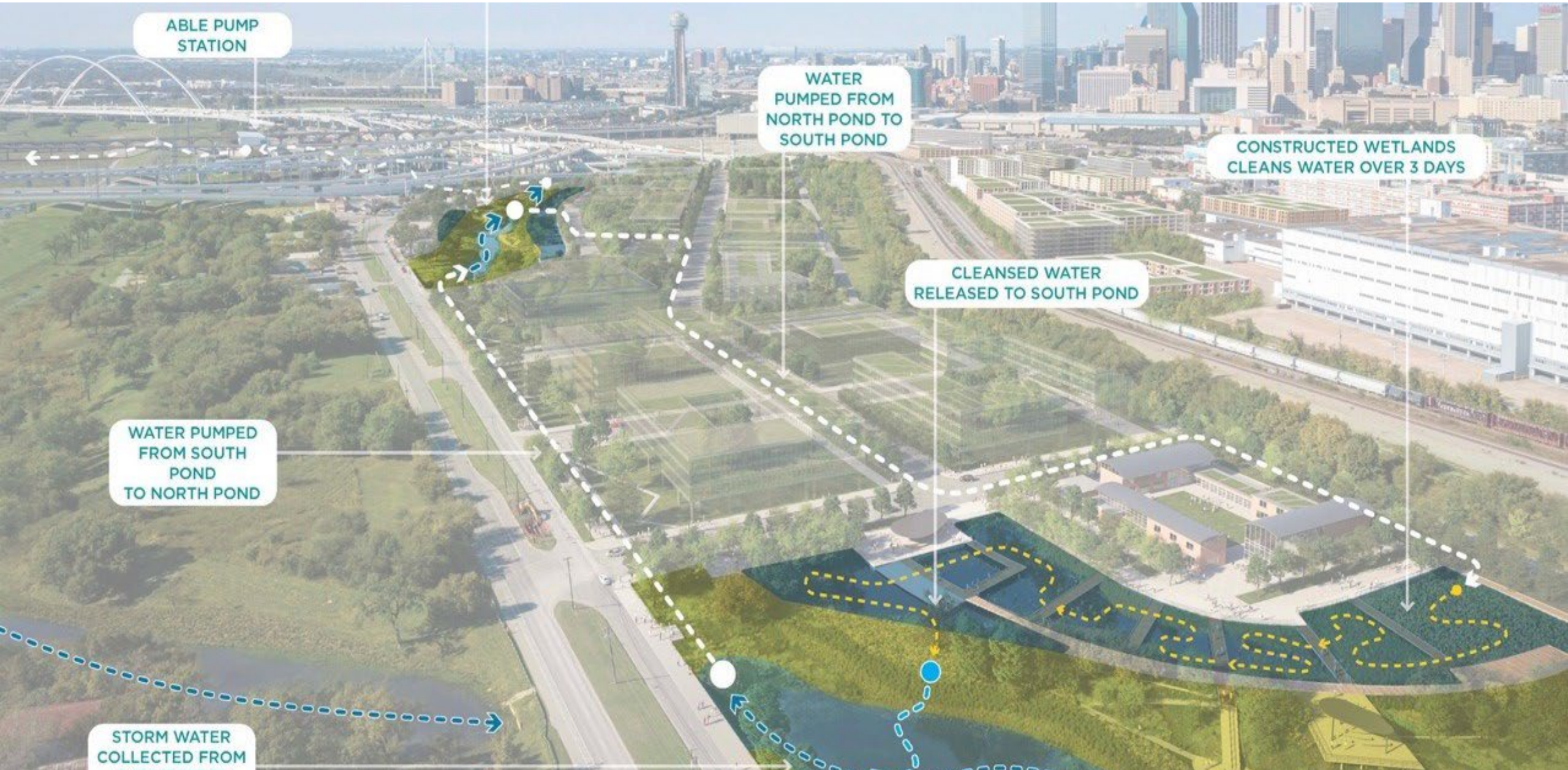
# EDUCATE



Urban Water Lab



# Park + : How it Works





**DEEP POOL — 4'**

**EMERGING AQUATIC**

- Nigella Lotus
- Nelumbo lutea
- Duckweed
- Lemna aquinoctialis
- Lemna perpusilla
- White Water Lily
- Nymphaea odorata

**SUBMERGED PLANTS**

- Water Hyacinth
- Potamogeton nodosus
- Ceratophyllum demersum
- Sago Pondweed
- Stuckenia pectinatus
- Southern Water Nymph
- Najas quadrilupensis
- Water Stargrass
- Heteranthera dubia

requires careful placement  
these can clog ponds if  
not maintained



**TRANSITION — 18"**

**EMERGENT PLANTS**

- Pickerweed
- Pontederia cordata
- Softstem bulrush
- Schoenoplectus tabernaemontani



**SHALLOW WATER — 6"**

**GRASS / GRASSLIKE**

- Rattlesedge / Shoreline Sedge
- Carex hyalinolepis
- Juncus
- J. acuminatus
- J. brachyphyllus
- J. effusus
- J. marginatus
- J. texanus
- J. torreyi

**HERBACEOUS**

- American Bur-rush
- Schoenoplectus pungens
- American Waterwillow
- Sparganium angustifolium
- Broadleaf Arrowhead
- Sagittaria arifolia
- Dwarf Spikerush
- Eleocharis pycnostachya
- Pennywort
- Hydrocotyle rugunculoides



- Texas Spider Lily
- Hymenocallis liriosme
- Bur-head
- Echinodorus berterioi
- Short Beak Arrowhead
- Sagittaria brevirostra
- Humped Bladderwort
- Utricularia gibba



**TEMPORARY INUNDATION**

**HEBACEOUS**

- Frory's sedge
- Carex emoryi
- Hyaline-Scale Carex Sedge
- Carex hyalinolepis
- Halbeard Hibiscus
- Hibiscus laevis
- Knotgrass
- Paspalum distichum
- Tall Paspalum
- Paspalum floridanum
- Sharp-Scale Spike-Rush
- Elyocharis acutisquamata
- Large-Spike Spike-Rush
- Elyocharis nutisquamata
- Yellow Sida
- Lobelia siphilitica
- Bushy Bluestem
- Andropogon glomeratus
- Aquatic Milkweed
- Asclepias perennis
- Smooth Regentree
- Didymis laevis
- March Buttercup
- Ranunculus hispidus



- Showy Whitetop
- Rhynchospora rivea
- Prairie Cord Grass
- Spartina pectinata
- Woolgrass
- Scirpus cyperinus
- Purple Three Awn
- Aristida purpurea
- Swamp milkweed
- Asclepias incarnata
- Sedge
- Carex sp.
- Bur-rush
- Asclepias occidentalis
- Cardinal Flower
- Lobe-lo cardinalis
- Rose Mallow
- Hibiscus lasiocarpus



**UPPER BANK**

**GRASS / GRASSLIKE**

- Switchgrass
- Panicum Virgatum
- Big Bluestem
- Andropogon gerardii
- Indian Grass
- Sorghastrum nutans
- Eastern Grama Grass
- Tripsacum dactyloides
- Creek Sedge
- Carex blanda
- Cherokee Bluestem
- Chasmodon latifolius

**PERENNIALS**

- Blue Wild Indigo
- Euphorbia australis
- Mistflower
- Parrotium coelestinum
- Maxmillian Sunflower
- Felicitus maximiliani
- Smooth Penstemon
- Ranunculus digitalis
- Narrowleaf Blue-eyed Grass
- Sisyrinchium angustifolium
- Giant Goldenrod
- Solidago gigantea



- Southern Shield Fern
- Thelypteris Kunthii
- Purple Meadow Rue
- Thalictrum dasycarpum
- Death Camass
- Zigadenus elegans

**SHRUBS**

- Common Elder
- Syringa

**TREES**

- Red Oak
- Quercus macrocarpa
- Spottonwood
- Populus deltoides
- Pecan
- Carya illinoensis
- Bitter-Nut Hickory
- Carya illinoensis
- Black Willow
- Salix nigra
- Green Ash
- Fraxinus pennsylvanica
- Water Ash / Hop-tree
- Prunella trifoliata
- American Sycamore
- Platanus occidentalis



# Working Urban Wetlands that Filter Water



# A Park That is a Living Classroom





# Original Riverbed Restored to Park+

# 2023 Awards

- American Society of Landscape Architects (ASLA) Excellence Award
- Metropolis Magazine (Architecture and Design) – Innovation Category for Best Unbuilt Project
- Greater Dallas Planning Council Dream Project Award - Honorable Mention

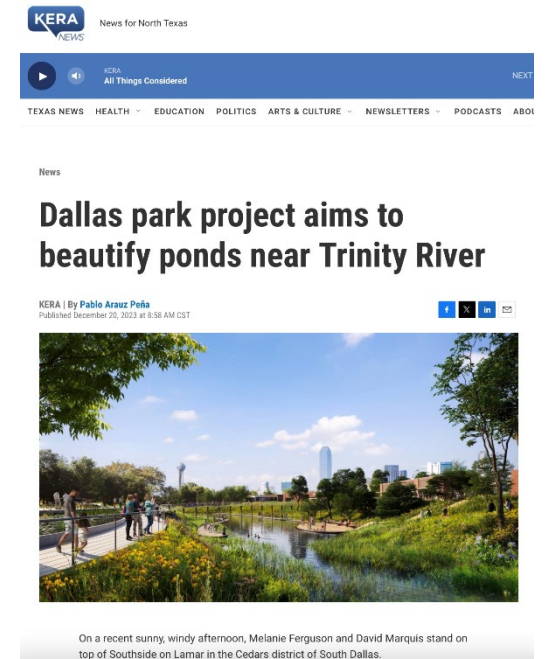
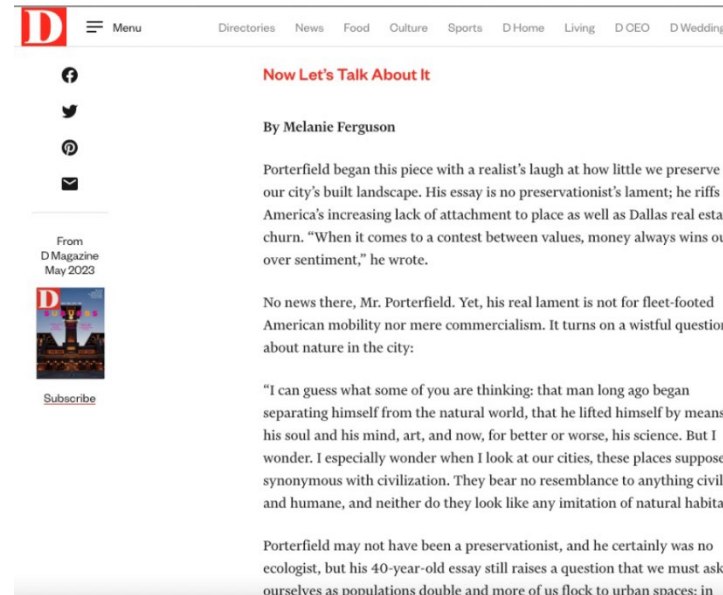


American Society of  
Landscape Architects



# Recent Press

- Board member Vicki Meek and project featured in Dallas Morning News' Forward DFW.
- D Magazine Melanie Ferguson byline in support of conversation about the nature of urban water.
- KERA December 20<sup>th</sup> feature by Growth and Infrastructure Reporter Pablo Pena.



# Development & Funding Agreement

- Agreement is between the City and Dallas Wetlands Foundation (DWF)
- Includes financial obligations:
  - \$7.5M in 2017 Park Proposition Matching Funds Category
  - \$7.5M in Dallas Wetlands Foundation contribution to access City funding (match)
- Includes roles and responsibilities:
  - Design to be completed by DWF and donated to City
    - Requires City and US Army Corps of Engineers (USACE) review and approval
    - Requires City and USACE approval and becomes integrated into City requirements for annual regulatory compliance
  - Construction to be bid and awarded by the City in partnership with DWF and subsequently consider assignment to DFW for management with oversight by the City



## Future Use Agreement

- Requires Operations and Maintenance (Use) Agreement to be completed prior to construction
- DWF anticipated to perform O&M for enhancements and City to perform all flood risk management O&M

# Schedule

2023 2024 2025 2026 2027

Permitting and Detailed Design

Groundbreaking

Construction (18-24 Months Per Pond)

Amenities Buildout

# Future Phase of Project

- DWF preparing for future phase of development
- Current cost estimate: \$45M
- Working with City, businesses, elected officials, philanthropic and granting agencies for capital requirements
  - Requested \$4M as a matching project in proposed 2024 Bond Program

# Next Steps

- **Consideration of Development Agreement on February 14<sup>th</sup> City Council agenda**
- **Complete design and permitting**
- **Begin Construction**
- **Finalize O&M Agreement for future consideration**
- **DWF to continue to raise funds for future phases of Dallas Water Commons**







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