

# Water System Design at Dallas Water Gardens



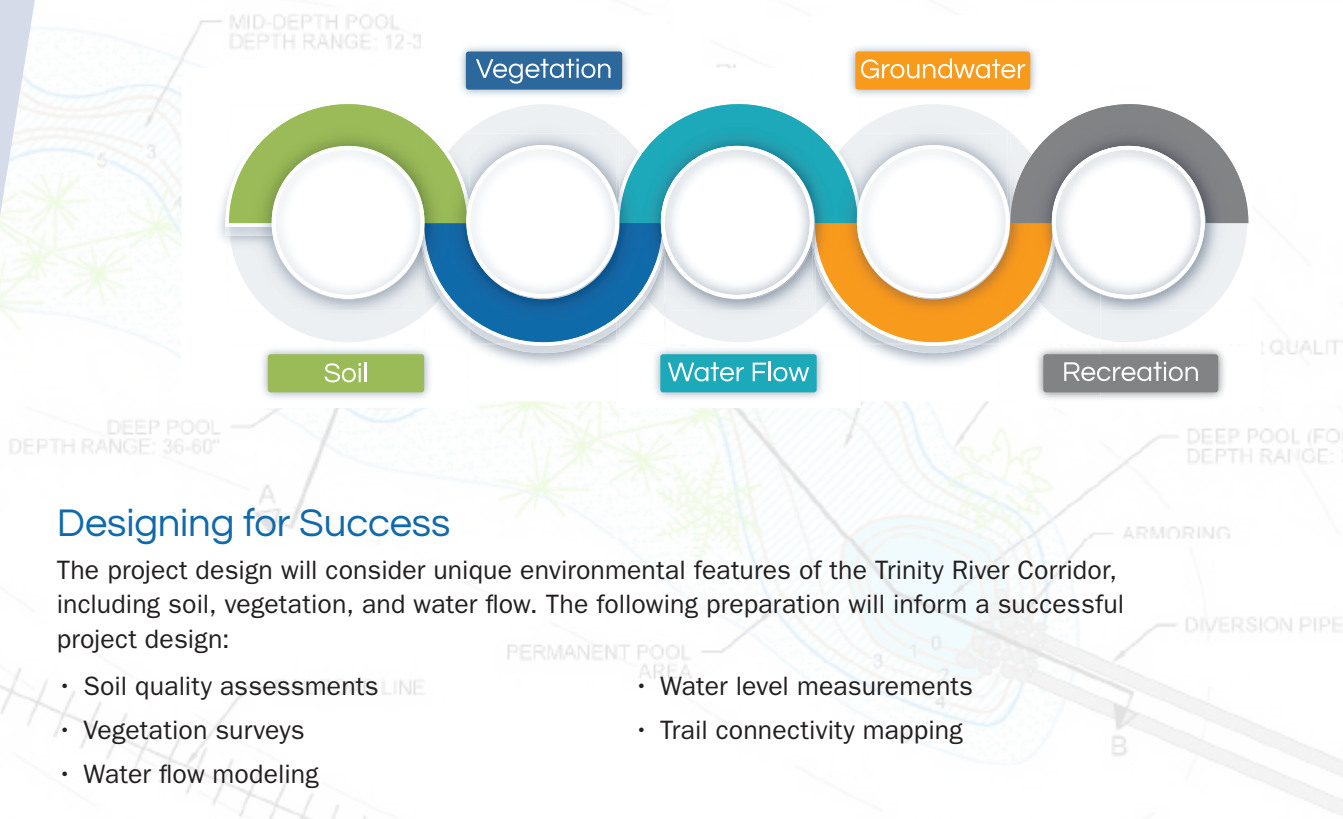
## Project Overview

Six ponds in the Cedars neighborhood will be converted into wetlands. This wetland buffer between Dallas and the Trinity River will benefit both the community and the environment by:

- Improving water quality entering the Trinity River by filtering pollutants
- Reducing flooding by storing excess water
- Creating recreational opportunities by adding boardwalks and greenspace

## Project Requirements

Wetlands are characterized by specific soil, vegetation, and hydrology needs. The following requirements were identified to meet project goals:

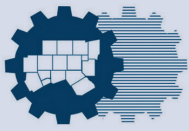


## Designing for Success

The project design will consider unique environmental features of the Trinity River Corridor, including soil, vegetation, and water flow. The following preparation will inform a successful project design:

- Soil quality assessments
- Vegetation surveys
- Water flow modeling
- Water level measurements
- Trail connectivity mapping





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## Ensuring Future Success

The following actions will promote long-term success of the Cedar neighborhood project:

- Incorporating future community investments and goals
- Monitoring water levels to document success and indicate maintenance needs
- Integrating other area projects, including:
  - › [Dallas Floodway Project](#)
  - › [Trinity River Corridor Balanced Vision Plan](#)
  - › [Dallas' High Speed Rail](#)



## Contact Information

For more information, contact:

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