

LITTER CONTROL & BEAUTIFICATION

Trinity River Waterwheels Initiative

Code Compliance - Environmental Quality Division



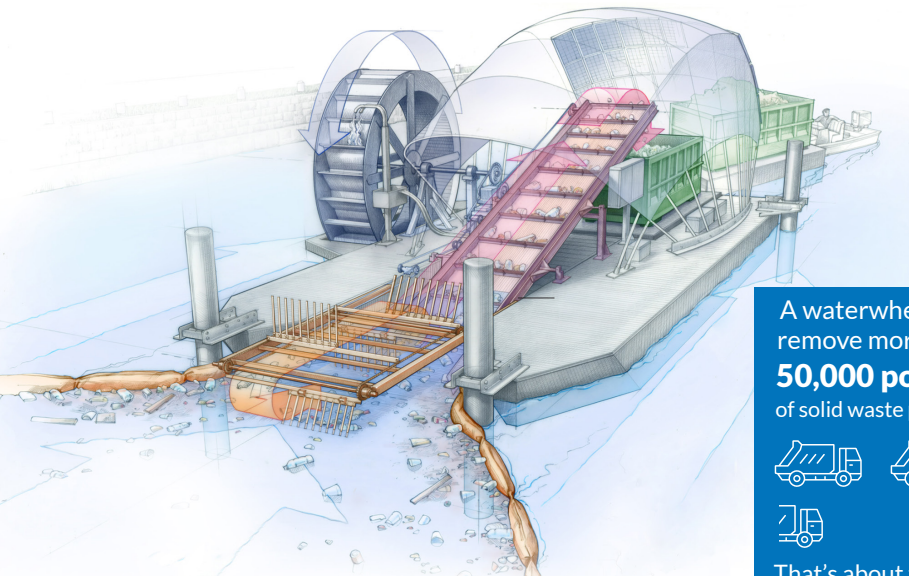
www.fortworthtexas.gov/KFWB
(817) 392-2046
kfwb@fortworthtexas.gov



The City of Fort Worth is home to over 100 miles of trails along the beautiful Trinity River and its tributaries. We are all stewards of these natural resources in our community. To help protect these waterways, we have the opportunity to install two solar-powered litter control waterwheels to collect and remove trash and debris at a fraction of the per ton cost of other systems.

What is a Waterwheel?

A waterwheel is a pollution-control, wheel-based machine that is placed in flowing waterways to collect and remove floatable pollution.



The waterwheel measures 52' long, 24' wide with a wheel that is 14' in diameter and 3' wide.

A waterwheel can remove more than **50,000 pounds** of solid waste **per day**.

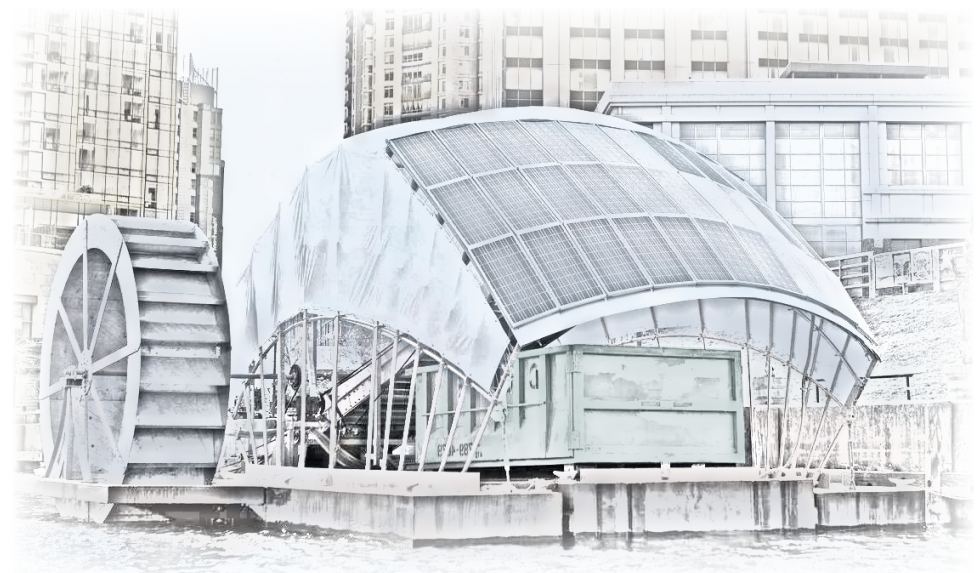


That's about the size of **2 ½** garbage trucks.

Important Waterwheel Highlights

The Waterwheel Powered Trash Interceptor collects and removes trash and debris at a fraction of the per ton cost of other systems:

- Uses all renewable energy, minimizing fuel costs
- Effectively contains and collects debris at a single point to prevent it from continuing downstream
- Uses reusable refuse containers (i.e., dumpsters instead of disposable nets)
- Incorporates high-quality construction for durability and low maintenance costs



Thank you for supporting
**Keep Fort Worth Beautiful and the
Trinity River Waterwheels Initiative!**



How to Donate

Become part of the litter solution with the Waterwheel Initiative for a cleaner Trinity River. Donating is simple and there are several options.

Keep Fort Worth Beautiful

501(c) Nonprofit organization
908 Monroe, 7th Floor
Fort Worth, Texas 76102
Email: kfwb@fortworthtexas.gov
Call: 817-392-2046

BY CHECK:
Make payable to Keep Fort Worth Beautiful.

ONLINE: www.fortworthtexas.gov/waterwheel

North Texas Community Foundation

501(c)(3) Nonprofit organization
Email: connect@northtexascf.org
Call: 817-877-0702
Website: www.northtexascf.org

Stream and Valleys

501(c)(3) Nonprofit organization
Email: info@streamsandvalleys.org
Call: 817-926-0006
Website: www.streamsandvalleys.org



**NORTH TEXAS
COMMUNITY
FOUNDATION**



100% of donations to Keep Fort Worth Beautiful go toward the Trinity River Waterwheel Initiative. All donations are tax-deductible.

Benefits of a Waterwheel

- Collects trash and litter from rivers and streams
- Improves the aesthetics and the usability of waterways
- Improves aquatic ecosystems for fish and wildlife
- Uses solar power – a sustainable energy source
- Provides an opportunity to educate the general public about the problem of pollution
- Inspires people to become a part of the solution to end litter



Importance of Protecting Our Water Quality

- Provides drinking water for Fort Worth and customers cities
- Supports efforts for economic development
- Contributes to positive community appeal, appearance and overall quality of life
- Provides habitat for aquatic life and recreation

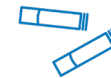
Projected Impact

Waterwheels are a proven, sustainable, lower-cost technology to clean our valuable Trinity River.

1,561 tons of trash and debris:



755,558
Plastic Bags



12,109,248
Cigarette
Butts



1,278,972
Foam
Containers



1,256,194
Plastic Bottles

*Approximated data excerpted from Baltimore, MD Healthy Harbor Initiative. For latest data, visit www.mrtrashwheel.com.

Waterwheel Locations

- 1 Purcey Street Outfall
- 2 Henderson Street Bridge



Installation & Maintenance Costs

- Cost per waterwheel: \$597,000
(2x) = \$1.2 million
- Annual Operational Costs: Approximately \$50,000
Daily, weekly and monthly system checks with annual system audits.

How Can You Help?

There are many opportunities to support the waterwheels project. Thank you for your interest! Let's set a time to discuss ways you can get involved.

Contact Keep Fort Worth Beautiful: (817) 392-2046
KFWB@fortworthtexas.gov

Co-Sponsors



Waterwheel Sponsorship Levels

SIGNATURE DONOR (Donations up to \$1,000)



- Thank you letter
- Invitation to the groundbreaking ceremony with name listed on printed event program
- Invitation to the opening ceremony with name listed on printed event program
- Name listed on the Keep Fort Worth Beautiful website

BRONZE (\$1,000 - \$4,999)



Signature Donor level plus:

- Logo on the KFWB website
- Logo on groundbreaking ceremony program
- Logo on opening ceremony program

SILVER (\$5,000 - \$9,999)



Bronze Donor level plus:

- Donor gift
- Logo on opening ceremony banner

GOLD (\$10,000 - \$49,999)



Silver Donor level plus:

- Booth at opening ceremony
- Quarterly metrics update

PLATINUM (\$50,000 - \$99,999)



Gold Donor level plus:

- Excerpt about company/organization on the KFWB website
- Photo opportunity with shovel at groundbreaking ceremony
- Logo on wheel signage
- Personal tour of waterwheel with KFWB board members

DIAMOND (\$100,000 - \$400,000)



Platinum Donor level plus:

- Branded quarterly metrics media pack for two years
- Branded placard on ground-level site marker
- Opportunity to speak at media events

TITLE SPONSOR (Donations over \$400,000)



Diamond Donor level plus:

- Branding on the waterwheel