



City of Spokane 2024 Environmental Highlights

Renewable Energy

ELECTRICITY GENERATED: Upriver Dam is owned and operated by the City and generates enough electricity to power 6,500 homes annually.



HEALTHY FOREST: The Spokane Fire Department managed over 400 acres of unimproved forested land – the equivalent of over 303 football fields! – helping reduce risk of catastrophic wildfire and increased forest health.

HEALTHY NEIGHBORHOODS: Updated irrigation systems and SpokaneScape landscaping are being installed at various parks and other City properties to conserve water.



Renewable Energy

RENEWABLES PURCHASED: As part of Avista's Solar Select Program, City Hall acquires enough solar power to charge an electric vehicle 16,000 times.



ELECTRICITY GENERATED: The volume of City garbage is reduced by 90% when it goes through the Waste to Energy facility and provides enough electricity to power 15,600 homes annually instead of going to landfills.



Planning & Redevelopment

ALTERNATIVES: The City added 16.3 miles of bikeways, greenways, and shared use trails, giving us over 130 miles.

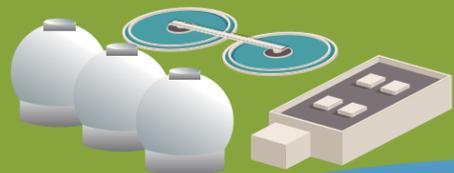


Urban Forestry

SPOCANOPY: 645 trees and 2,150 tree seedlings were planted working toward the goal of having 30% canopy coverage in neighborhoods by 2030.



Stormwater & Wastewater



CLEANER RIVER: The City's Combined Sewer Overflow tanks captured 72M gallons of wastewater from the combined sewer system, sending it to the Riverside Park Water Reclamation Facility for treatment. The treatment plant itself treated 12B gallons of wastewater overall.

Water Department

WATER WISE: The City continues to upgrade and replace outdated irrigation equipment, as well as install SpokaneScape across its properties to maximize water conservation.

S EVEN addresses	MONDAY TAKE A DAY OFF	T ODD addresses	W EVEN addresses	T ODD addresses	F EVEN addresses	S ODD addresses
← NO WATERING BETWEEN 10:00 a.m. – 6:00 p.m. →						

WATER WISE: Thank you for being Water Wise! The residential and commercial efficiency program helped 222 homes and businesses save 17.4M Gallons of water in 2024. Remember to water every other day before 10am or after 6pm between June and October!

Infrastructure

FLEET SERVICES: 76 EV chargers with 21 coming online in 2024. 68 vehicles using RNG. 242,915 gallons renewable diesel used.



Solid Waste

MOVING FORWARD: 73% of collection vehicles are now fueled by compressed natural gas (CNG). All non CNG collection vehicles are fueled with renewable diesel. The WTE processed 259,782 tons of trash. 7,947 tons of compost material and 793 tons of recycled material were diverted along with 8,494 tons of ferrous metals and 1,482 tons from white goods (appliances).



LEADING THE WAY

City of Spokane is unique. It **owns and operates most of its own utilities and services**. The operations of City facilities takes care of your daily needs while conserving materials, generating power, and saving citizens money. Many by generating and re-using their own energy!

- Riverside Park Water Reclamation Facility – **processes and treats an average of 34 million gallons of wastewater every day with Next Level of Treatment membrane technology** and digests solids to produce renewable biogas, returning energy to power the system.
- City-owned **Upriver Hydroelectric Dam harnesses the power** of the Spokane River to pump clean drinking water from the Spokane Valley Rathdrum Prairie Aquifer. The dam produces 74 million kWh annually. This **energy is used to deliver water to the community every day and the rest is purchased by Avista Utilities**, generating revenue for the City.
- Leading the region in diverse solid waste disposal, the City's **Waste to Energy Facility began operating in 1990**. It is the only facility of its kind in Washington and **processes all of the City's solid waste locally while generating electricity** at the same time.



A CLEANER RIVER FASTER

The multi-year work **completed two more projects at the Cochran Basin**, where stormwater from over 5,000 acres in north Spokane collects. The latest projects are a control facility that will **manage the capacity of flow and direct it to technically engineered landscaping, filtration ponds, and swales that remove pollutants from stormwater to protect the Spokane River**. This collection area



now provides greater removal of PCBs, heavy metals, total suspended solids, and phosphorus from stormwater before going back into the ground and river. These natural areas have been **improved to be outdoor playgrounds with expanded access for recreational river use and an 18-hole disc golf course**. Additionally, the City's Combined Sewer Overflow tank system **cleaned 99.7% of water before it went back into the Spokane River**.

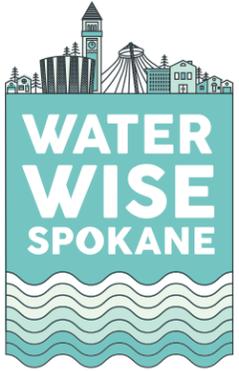


STORMWATER

WATER WISE FROM AQUIFER TO FAUCET

City of Spokane owns and operates its own water distribution system. More than **1,100 miles of large and small water pipes make up a complex network**, bringing water from the depths of the Spokane Valley Rathdrum Prairie Aquifer to our homes and businesses.

- Delivers up to **180 million gallons** of clean, safe **drinking water** to more than **250,000 people every day**.
- With additional capacity under construction, the City's water system can **store 115 million gallons** of water in **37 towers and reservoirs** for on-demand drinking water and fire safety services.
- Operates and maintains **8 wells and 75 pumps to push water** through **25 pressure zones**.



WHERE YOUR PATH TAKES YOU

The City's **Urban Forestry team and The Lands Council collaborate for SpoCanopy**. Every person in every neighborhood in Spokane has **easy access to trees and green space**. With the help of diverse community tree-planting volunteers, the City will meet the goal of 30% canopy cover by 2030 in every neighborhood.

The City's **WheelShare program provides alternatives** to "getting there" with **electric scooters and bikes** along with over **130 miles of bike paths, greenways and shared-use trails**. However you travel, you'll enjoy the trip and the view!



THE POWER OF TRASH

Spokane's Waste to Energy (WTE) Facility is part of our community's overall comprehensive solid waste system. The City's solid waste system **encourages recycling and waste reduction—along with the recovery of energy**.

- The facility **burns municipal solid waste instead of utilizing landfills**.
- Enough steam is generated from combustion to make **electricity that is used to power the plant and provides about \$5 million in renewable energy revenue** annually.
- It's enough electricity to **power 15,600 homes every day and reduces solid waste by 90% in volume and 70% in weight!**



Learn more at [GreenSpokane.org](https://www.greenspokane.org)

