

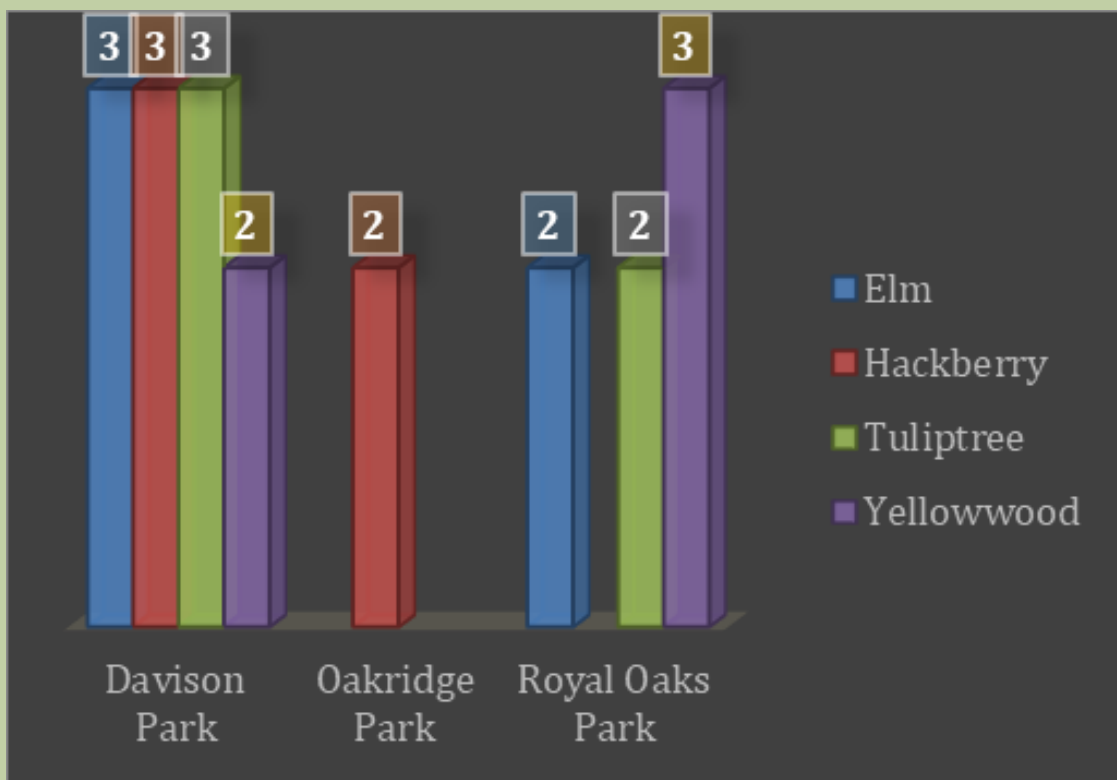


CITY OF
SUN PRAIRIE
Wisconsin



2022 TREE PLANTING

DAVISON, ROYAL OAKS, OAKRIDGE PARKS



SUMMARY

The City of Sun Prairie, in partnership with the Tree Canopy Collaborative (TCC), planted 20 donated trees at Davison Park, Royal Oaks Park, and Oakridge Park in addition to the regular fall tree planting. The City and the TCC identified this park by reviewing GIS data and the Dane County Canopy Cover Priorities, which creates a geographical priority score based on existing canopy cover, social vulnerability, and other factors to assist in selecting new planting locations.

20 Trees Planted \$997 in benefits (2022-2050)

These trees will provide numerous benefits for the community such as improved air and water quality, decreased stormwater runoff, carbon sequestration, and increased total tree canopy coverage.

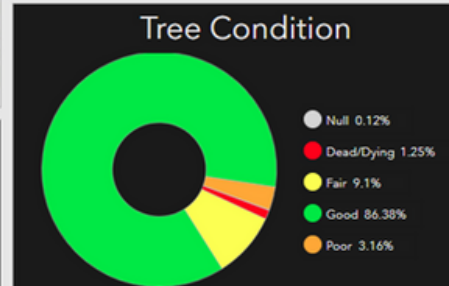
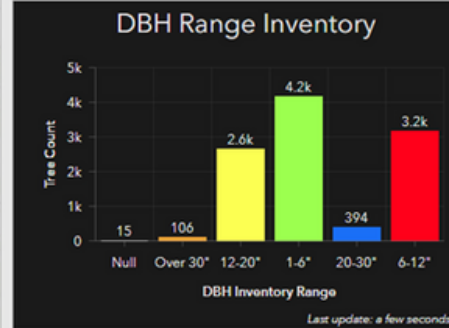
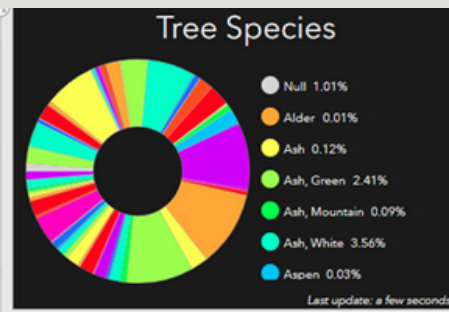
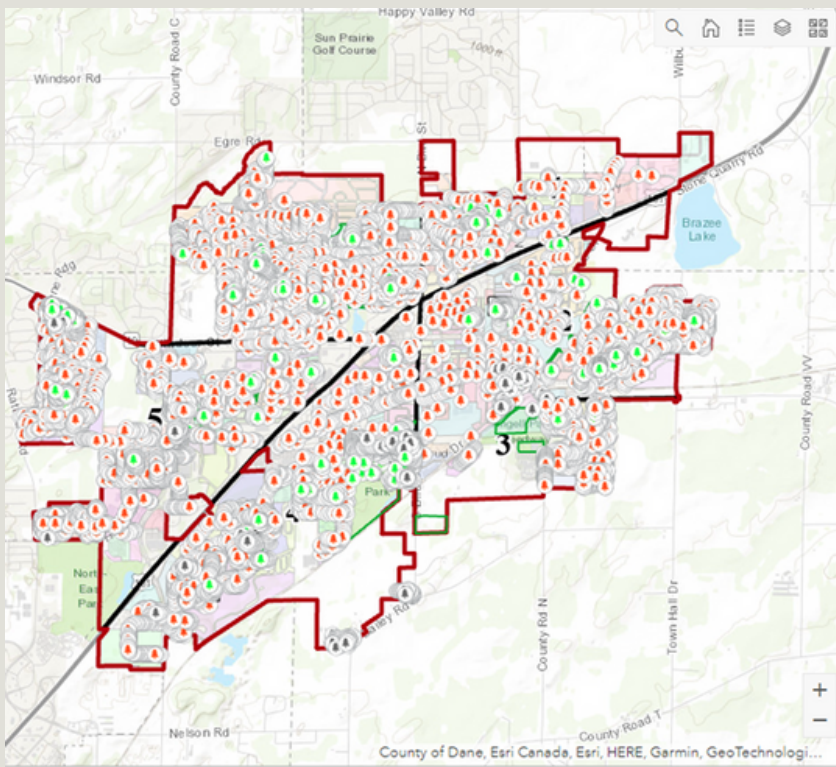
This project and planted trees are being incorporated into the city's recently completed Tree Inventory Project, which inventoried **10,489** (and counting!) public trees in the summer of 2022.



^ Davison Park

Increasing the overall tree canopy in the community benefits everyone, and helps both the city and county meet their goals to increase the urban tree canopy and provide more trees for all to enjoy.

The i-Tree Design assessment tool can estimate the benefit of these trees over time (\$561 Davison Park, \$436 Royal Oaks/Oakridge Parks), a total of \$997 in overall benefits.



Total Trees Inventoried
10,489

City of Sun Prairie Tree Inventory Dashboard

CALL FOR COMMUNITY PARTNERS - POTENTIAL 2023 PROJECTS

The [Tree Canopy Collaborative](#) and the City of Sun Prairie are seeking potential community partners to identify additional tree plantings in 2023, focusing on private properties. Interested partners (businesses, community groups, interested organizations) could host a planting or coordinate with a community group that would lead a tree planting effort in Sun Prairie.

If you are part of a volunteer or community-based organization, please reach out to Scott Semroc ssemroc@cityofsunprairie.com to propose a project, learn more about potential spring 2023 projects, and discuss resources. The TCC may have additional trees available to be donated for this effort, if suitable partners and locations are identified. If you are interested in being a volunteer tree planter and being informed of tree plantings in Sun Prairie and other communities, complete this [Volunteer Form](#).

Get started with these easy steps:

1. Draw Structures ?


2. Place Trees ?

Please break large projects into smaller projects of no more than 25 trees at a time.

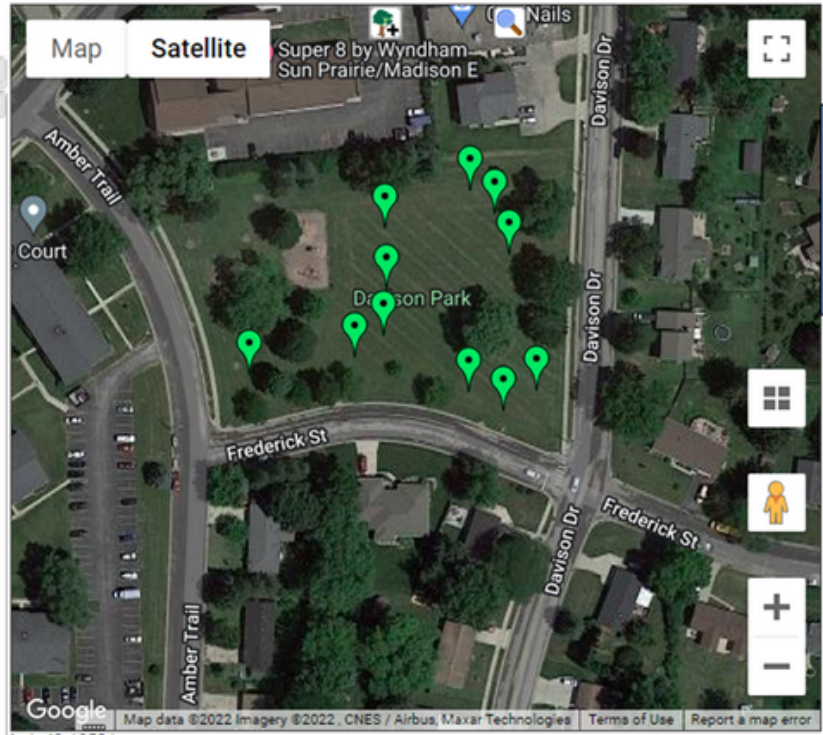
Describe your tree:

- Tree species:
- Tree diameter: Inches
 or circumference:
- Tree condition:
- Tree exposure to sunlight:
- Report Currency:

To place a tree:

- Drag this icon  to the location on the map where you would like to place your tree.
- Repeat to place additional trees.
- Hover over any tree you have placed on the map to display its benefits.

Model the tree(s) future crown growth over time:



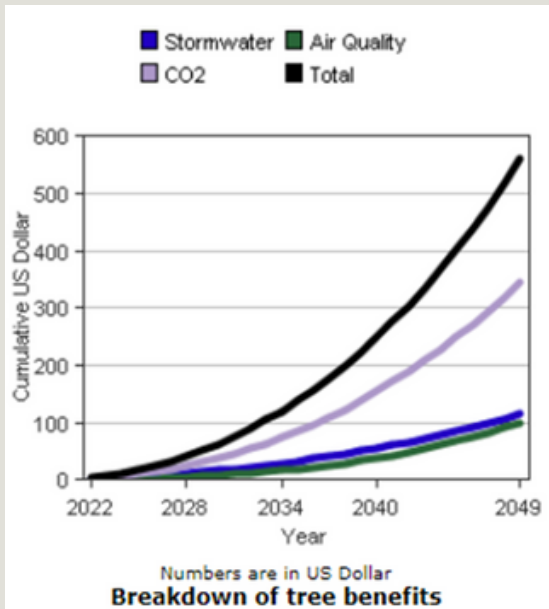
Your selected trees will intercept 784 gallons of rainfall and help avoid 147 gallons of stormwater runoff this year.

Urban stormwater runoff (or "non-point source pollution") washes chemicals (oil, gasoline, salts, etc.) and litter from surfaces such as roadways and parking lots into streams, wetlands, rivers, and oceans. The more impervious the surface (e.g., concrete, asphalt, rooftops), the more quickly pollutants are washed into our community waterways. Drinking water, aquatic life, and the health of our entire ecosystem can be adversely affected by this process.

Trees act as mini-reservoirs, controlling runoff at the source. Trees reduce runoff by:

- Intercepting and holding rain on leaves, branches, and bark
- Increasing infiltration and storage of rainwater through the tree's root system
- Reducing soil erosion by slowing rainfall before it strikes the soil

Please see this document for more on stormwater modeling and estimated value differences between i-Tree applications: [iTree Streets/Design/Eco Rainfall Interception Model Comparison](#).



[The i-Tree Design Assessment Tool](#)