

# Impact Summary

Delaware Center for Horticulture

Swanwyck & Rogers Manor Parks Planting Project

New Castle County, DE

## Project Goals

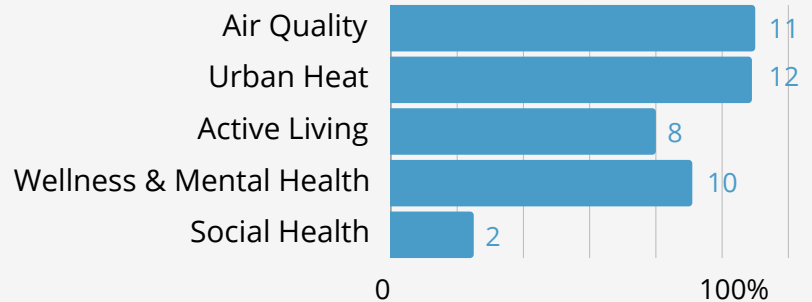
With the support of Incyte and in collaboration with New Castle County Parks, the Delaware Center for Horticulture (DCH) planted 100 trees in November 2023 at Swanwyck Park and Rogers Manor Park along the Route 9 Corridor between Wilmington and New Castle, DE. Per the CDC, communities around Route 9 are in the 86th percentile or above in the nation for environmental burden, exacerbated by a history of disinvestment and limited access to public services. The new trees will filter out traffic and industrial pollutants, provide cooling shade that encourages play and exercise, and beautify community gathering spaces. Around Swanwyck Park – which had lost all its trees to pests and disease – the new trees will create green routes to school and provide restorative nature experiences for students at the adjacent elementary school.



## Human Health



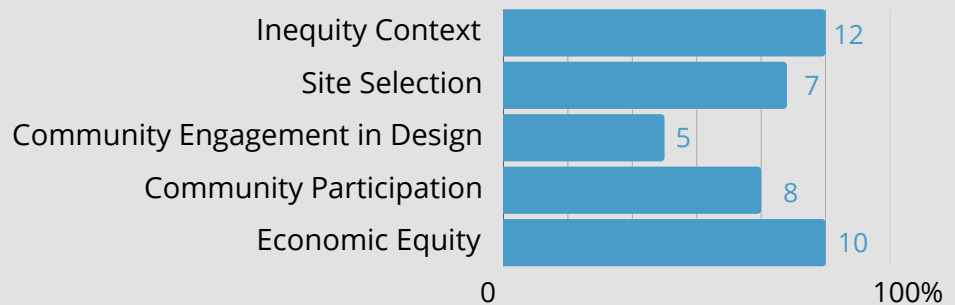
**43/50**  
Exceptional



## Social Equity



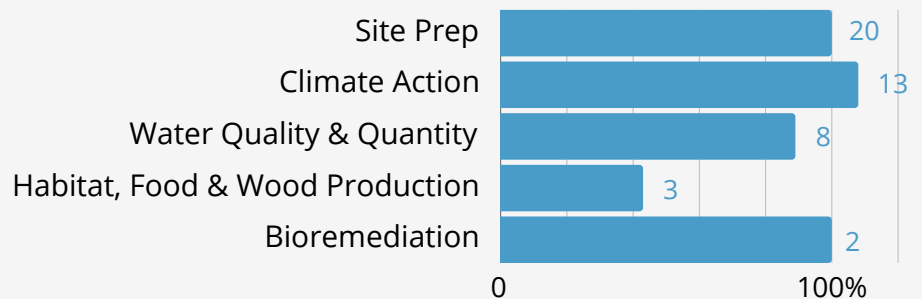
**42/50**  
Exceptional



## Environment



**46/50**  
Exceptional



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## Swanwyck & Rogers Manor Parks Planting Project



Photo Credit: Delaware Center for Horticulture

### Increase equitable greenspace access, improve air quality, promote recreation

Incyte employee volunteers and members of the general public came together to plant trees at the two parks, led by DCH staff and crew members of Branches to Chances, DCH’s green workforce training program. By providing both training on urban tree care and hands-on experience, DCH empowered volunteers to become informed tree stewards and advocates in their own communities. During the critical two-year establishment phase, tree maintenance will be provided by the Branches to Chances crews, who will gain vital urban forestry and horticultural career skills while ensuring that trees survive to deliver the promised benefits to the community.

### UN Sustainable Development Goals



Promote recreation for improved health



Reduce flooding



Green job training and employment



Increase tree canopy and benefits for all



Inclusive access to greenspaces



Reduce urban heat and energy needs



Deliver local climate action, quantify benefits



Expand urban habitat



Public and Private partnerships

### Quantified Benefits

Projected values (avoided costs) for ecosystem benefits per year in 25 years

#### Carbon Sequestration

259.85 metric tons of CO2  
\$6,496 (at \$25/ton)

#### Rain Interception

1,503 m3/year  
\$3,930 per year

#### Air Quality

O3: 0.01 t/yr  
NOx: 0.004 t/yr  
PM10: 0.01 t/yr  
\$213 per year

#### Energy Savings

Electricity - 10,696 kWh/yr  
Natural Gas - 40,418 kBtu/yr  
\$1,232 per year