

Caring for trees in a changing climate

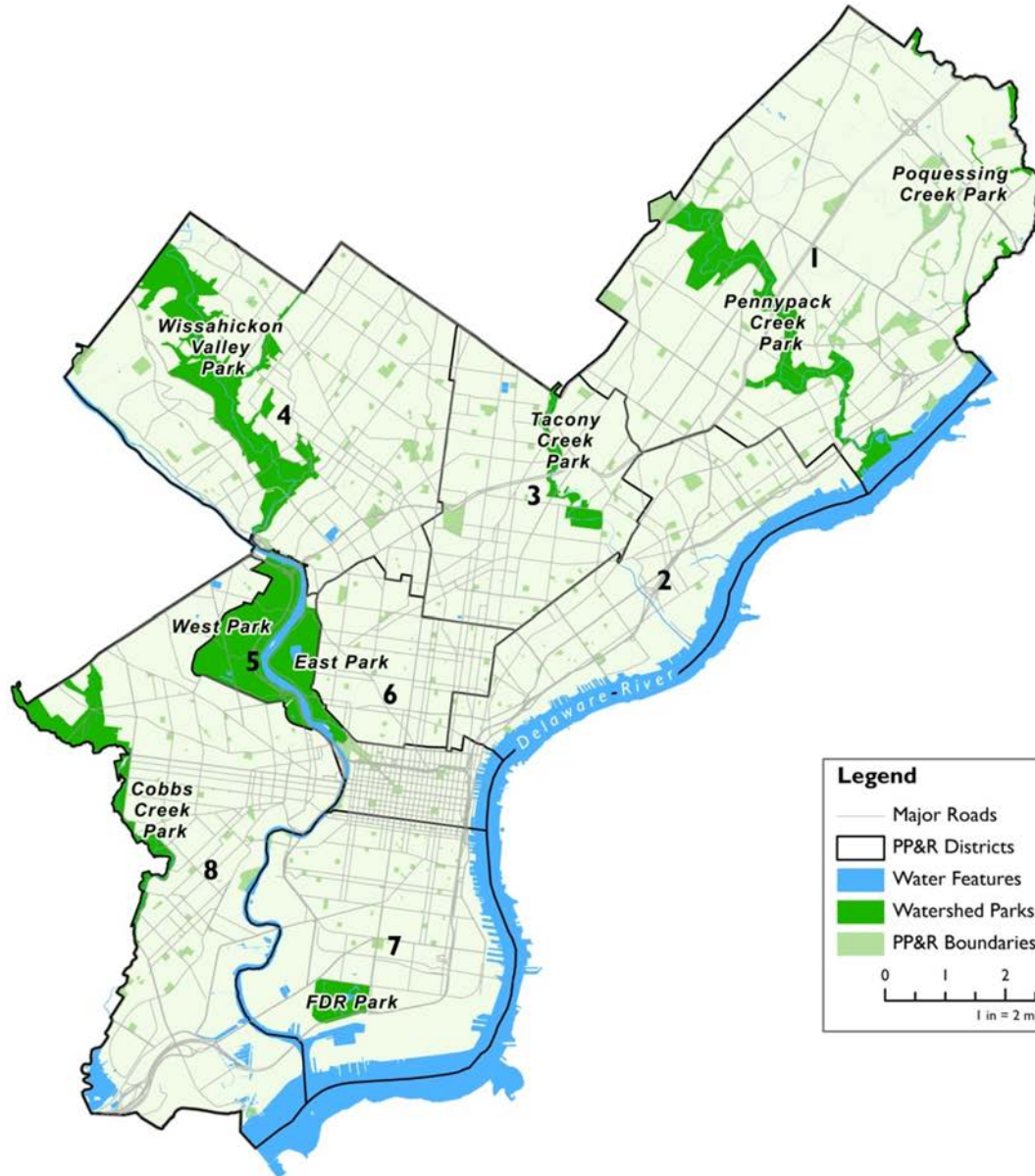
Longwood Gardens

March 29, 2017



**PHILADELPHIA
PARKS & RECREATION**


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Legend Date: 11/05/2012

- Major Roads
- PP&R Districts
- Water Features
- Watershed Parks
- PP&R Boundaries

0 1 2 4 Miles
1 in = 2 miles



Philadelphia Parks

City began acquiring land in 1855

Fairmount Park formed in 1867

10,100 acres (11% of city land)

5,600 acres natural lands

Most forests 100+ years old



Scenery in Fairmount Park.

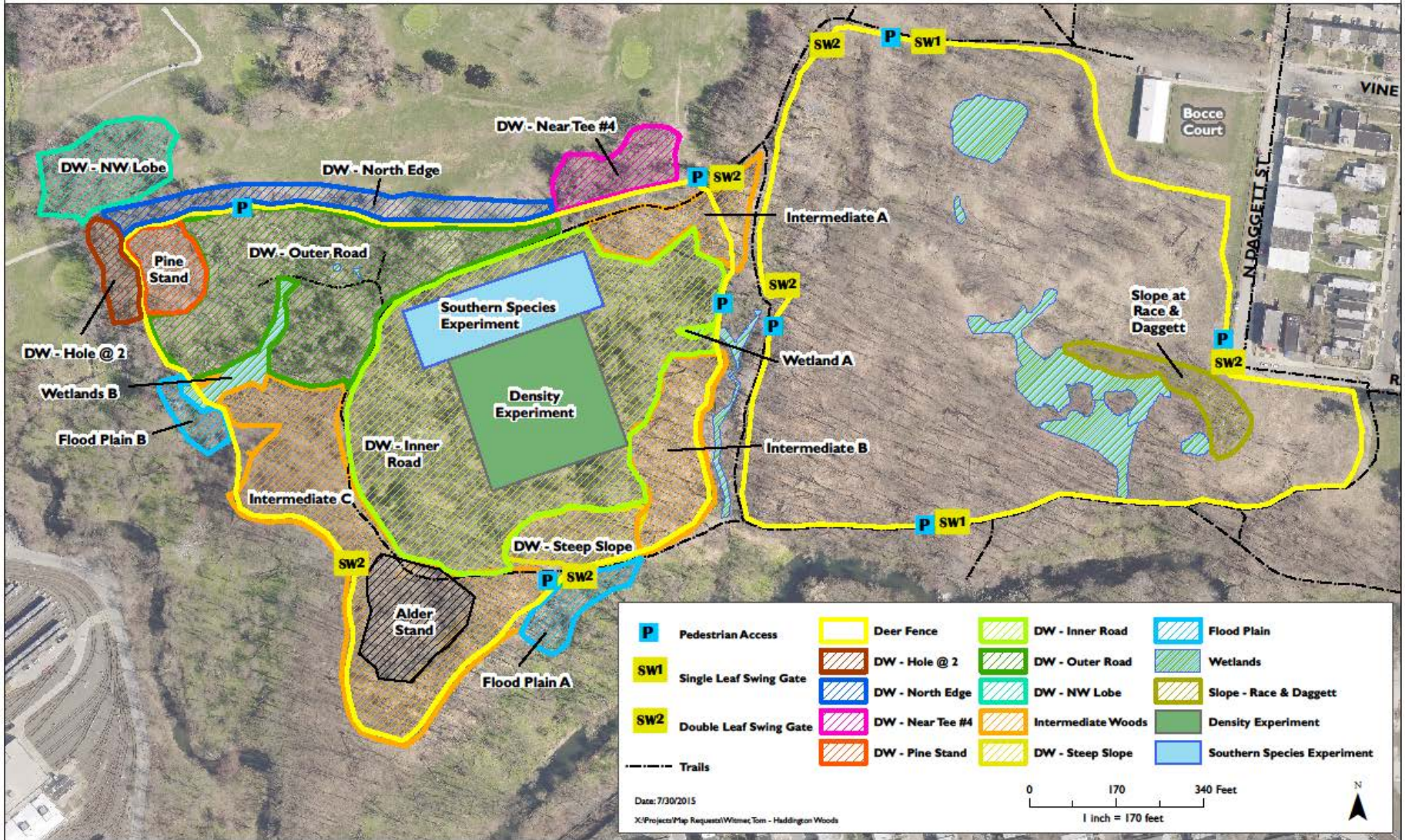
Forest Management

Reclamation and maintenance

- Wildlife enhancement
- Invasive plant control
- Pest & disease control
- Plant propagation and planting
- Stormwater management
- Trails – construction, maintenance and closures
- Site assessment, monitoring



Haddington Woods Access and Planting Plan







Adaptation strategies

- Remove invasives
- Propagate seed from around region
- Include diverse species in plantings
- Install larger trees and shrubs
- Utilize wood chips
- Install deer exclusion fences
- Manage forests in a variety of site types



