

Adopt-a-Site Planting Plan

Site Name: North Green River Park



See example planting plans here:

<https://drive.google.com/file/d/1FrffRe56jsuFw8Nx5cZFNcU9Bo7xY-4y/view>

<https://green2.kingcounty.gov/gonative/Plan.aspx?Act=view&PlanID=20>

1. **Find the area of the planting site.** Area of plan=_____
 - Height = 110 ft
 - Base = 160 ft
 - Hypotenuse = 210 ft

2. **Assess site conditions**
 - a. Soil tested on site = _____
 - b. Compare with soil type listed on web soil survey = Sandy Loam _____
 - i. Link to web soil survey:
<https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx>
 - c. List any other site conditions (drainage, slope, sun exposure)

3. **Divide the planting area up into zones** and indicate them on your planting plan map such as wetter, drier, shadier, and sunnier (if there are distinguishable zones).

4. **Determine the species of plants** that would work for the area
 - a. Study plants of surrounding areas to determine good species
 - b. Research various native plants including what they like for soil, moisture, sunshine, ect
 - i. Plant info from WSU - <http://pnwplants.wsu.edu/PlantDisplay.aspx?PlantID=275>
 - ii. Plant info from King County -
<https://green2.kingcounty.gov/gonative/Plant.aspx?Act=view&PlantID=25>
 - c. Create list of plants to use on site, be sure there is a variety of trees, shrubs, ground covers
 - i. Trees:
 - ii. Shrubs:
 - iii. Ground covers:

5. **Decide on density of plantings you would like to use** *Circle one: Sparse | Traditional | Dense*
 - a. **Dense planting** creates vegetation that will more quickly out-compete invasive weeds. It allows for some plants to die without impacting the overall landscape. Plant spacing for these projects could be 10-15 feet apart for large trees, 5-10 feet for small trees and shrubs and 1-3 feet apart for groundcovers. Groundcover in this case should be larger and hardier, like sword fern, rather than small plants like Western columbine that would be quickly out-competed.
 - i. **Dense planting advantages** | Out-competes weeds faster | Doesn't require replanting following a few plant deaths | Requires less maintenance | Provides excellent habitat for a variety of species | Reduces long term maintenance costs
 - ii. **Dense planting disadvantages** | Requires more plants | Costs more up front. | Requires more time to install. | Desirable herbaceous groundcovers can be outcompeted. | Appearance is a little wild for some tastes.

Final Planting Plan Checklist:

1. Table from step 7 filled out (list of species, ideal environment/zone, and the quantity of each species needed).
2. Map of the proposed planting plan with locations and spacing of plants.