

# Natural Areas Management Plan

City Council Meeting – September 4, 2025



WILSONVILLE  
OREGON



# Natural Area Catalog

- Identified 14 natural areas, totaling around 199 acres

Natural Area	Acres	Natural Resource Function/Value	Baseline Habitat Condition
Memorial Park	62.4	High	Fair
Boeckman Creek Corridor	37.9	High	Fair
Arrowhead Creek Park	6.5	High	Fair
Coffee Lake Creek Wetlands	11.9	High	Poor
Murase Plaza	12.9	High	Poor
Boones Ferry Park	14.2	Medium	Fair
Kinsman Road	12.4	Medium	Poor
Edelweiss Park	10.8	Medium	Good
Park at Merryfield Park	8.2	Medium	Good
Canyon Creek Park	7.1	Medium	Good
Tivoli Park	6.9	Medium	Fair
Tranquil Park	4.5	Medium	Fair
Oulanka Park	1.8	Medium	Poor
Willow Creek Park	1.38	Medium	Fair

# Habitat Conditions



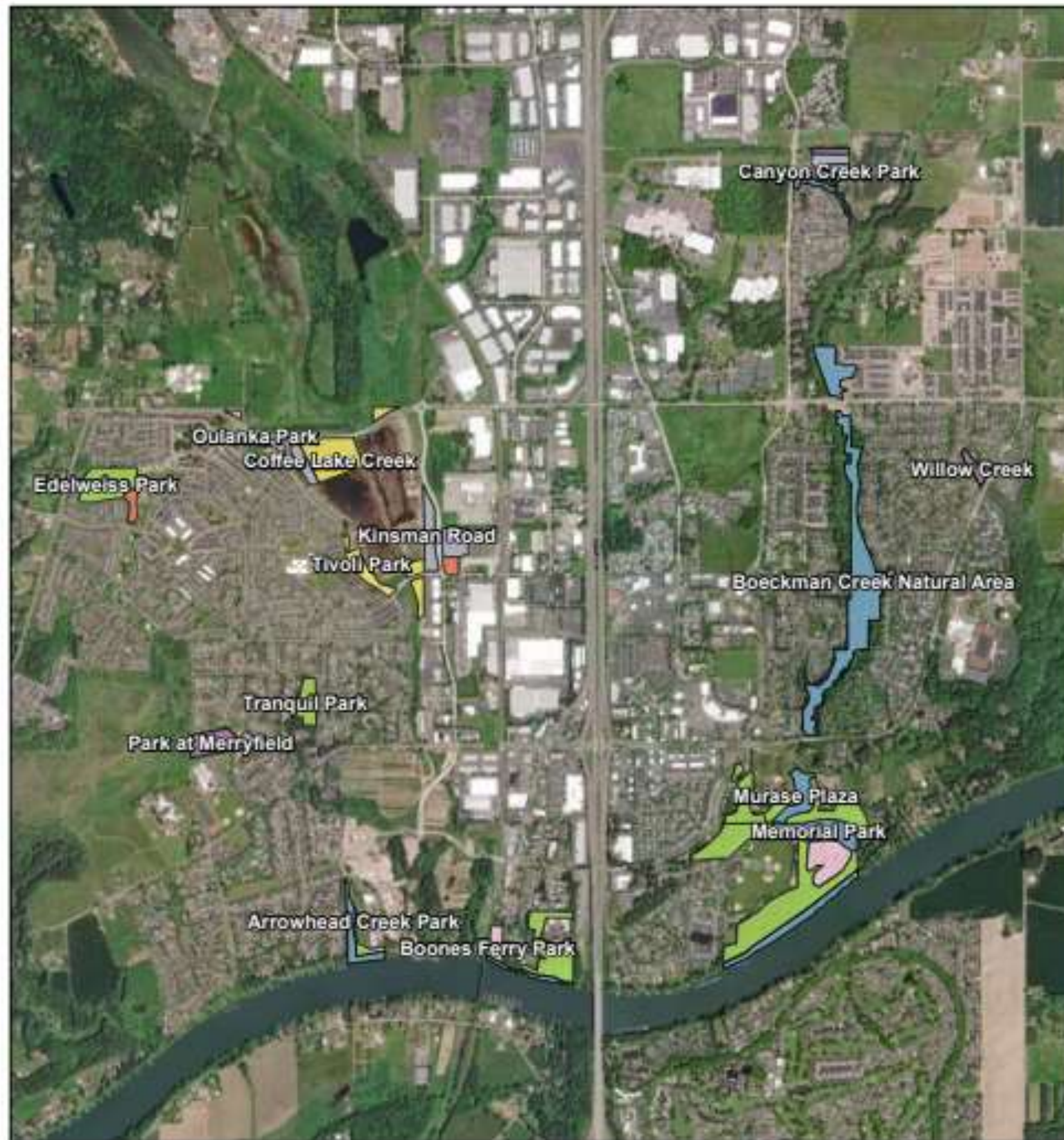
**Good** – generally high cover of native species, high species richness

**Fair** – variable cover of natives and invasives, moderate species richness

**Poor** – Higher invasive cover, fewer species present



# Habitat Delineations



Habitat Type	Acreage
Upland Mixed Conifer/Deciduous	66
Riparian Mixed Conifer/Deciduous	58
Riparian Deciduous	8
Scrub/Shrub Wetland	19
Upland Meadow	10
Riparian Meadow	17
Oak Woodland/Savanna	3

8/12/2025

Field Notes (Areas)

Oak Woodland

Riparian Forest, Conifer/Deciduous

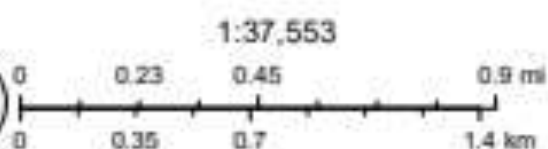
Upland Forest, Conifer/Deciduous

Riparian Forest, Deciduous

Wetland, Scrub/Shrub

Riparian Meadow

Upland Meadow

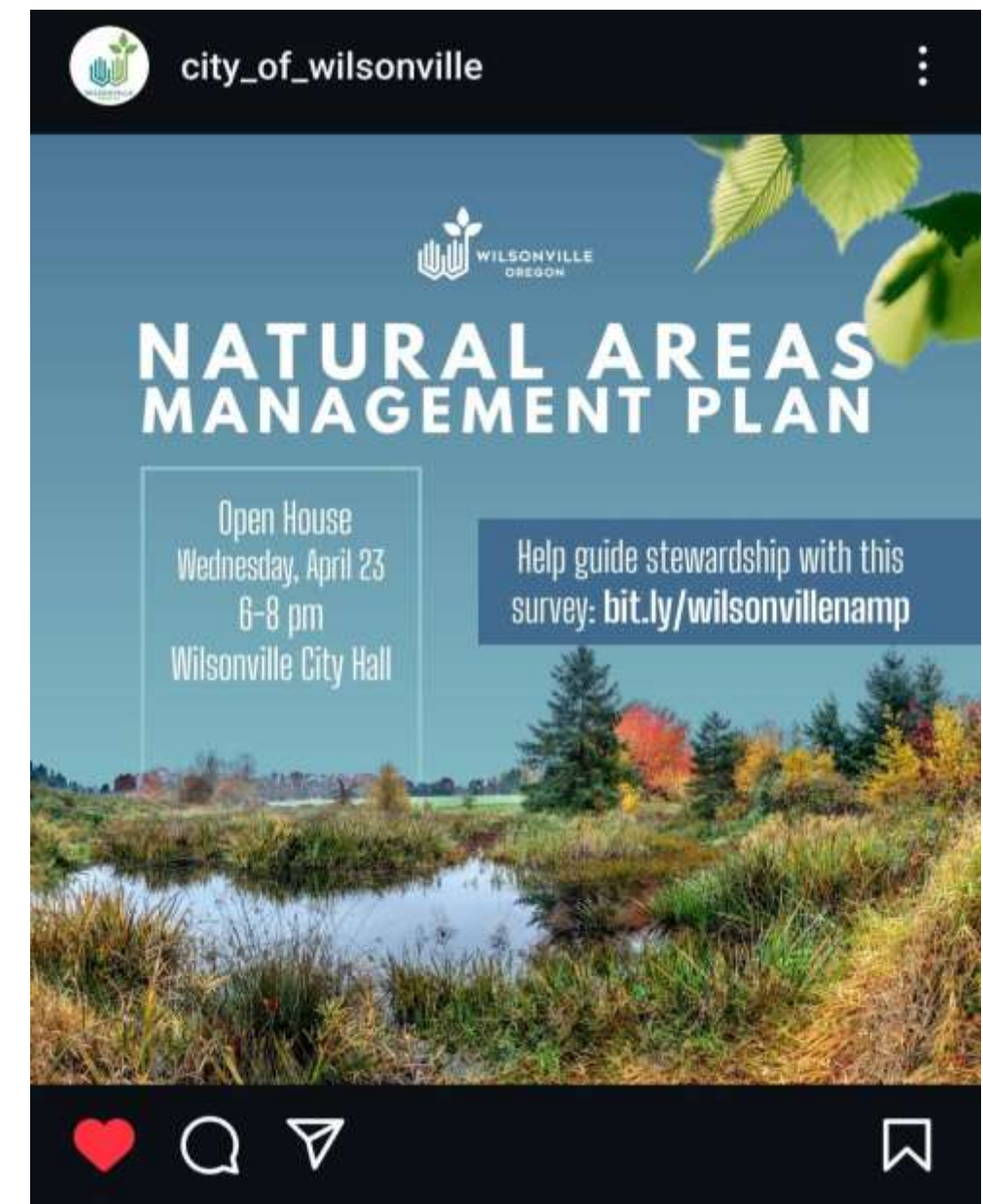


Earthstar Geographics



# Community Engagement

- Let's Talk Wilsonville project page
- Public questionnaire
- 3 Boones Ferry Messenger press releases
- Open House on April 23<sup>rd</sup>
- Earth Day 2024 and 2025



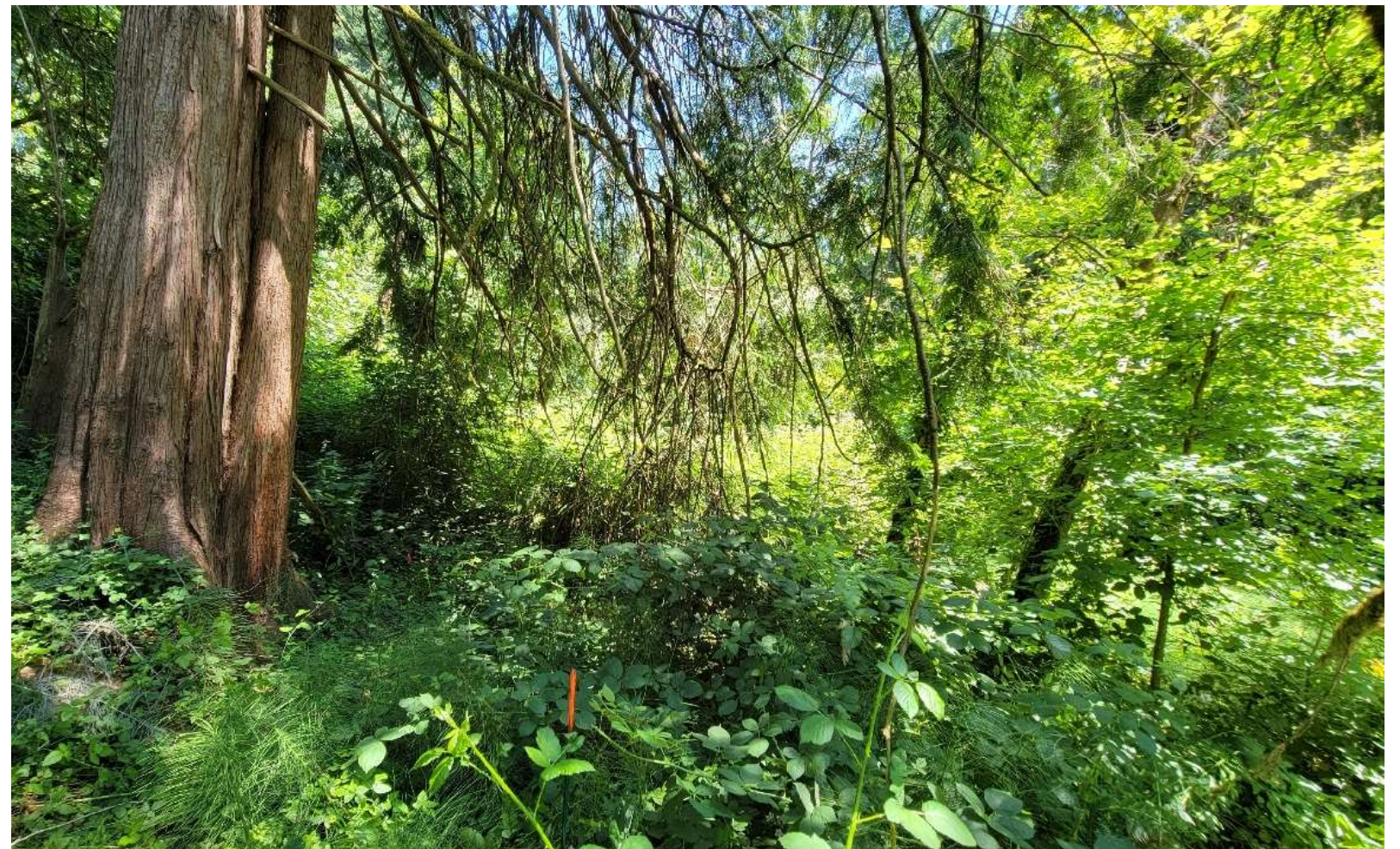
# Public Survey

- 16 respondents
- Most common concern: wildfire risk
  - Invasive species, unmanaged recreation, vandalism
- Priorities for future work:
  - More recreation trails
  - Pollinator habitats



# Management Objectives

1. Enhance ecological processes and native vegetation communities
2. Control invasive and noxious weeds
3. Improve ecosystem resilience against climate change
4. Reduce wildfire risk
5. Proactively manage for emerging pests/diseases
6. Provide the public with safe and accessible opportunities to recreate, learn, and be stewards of natural areas





# General strategies

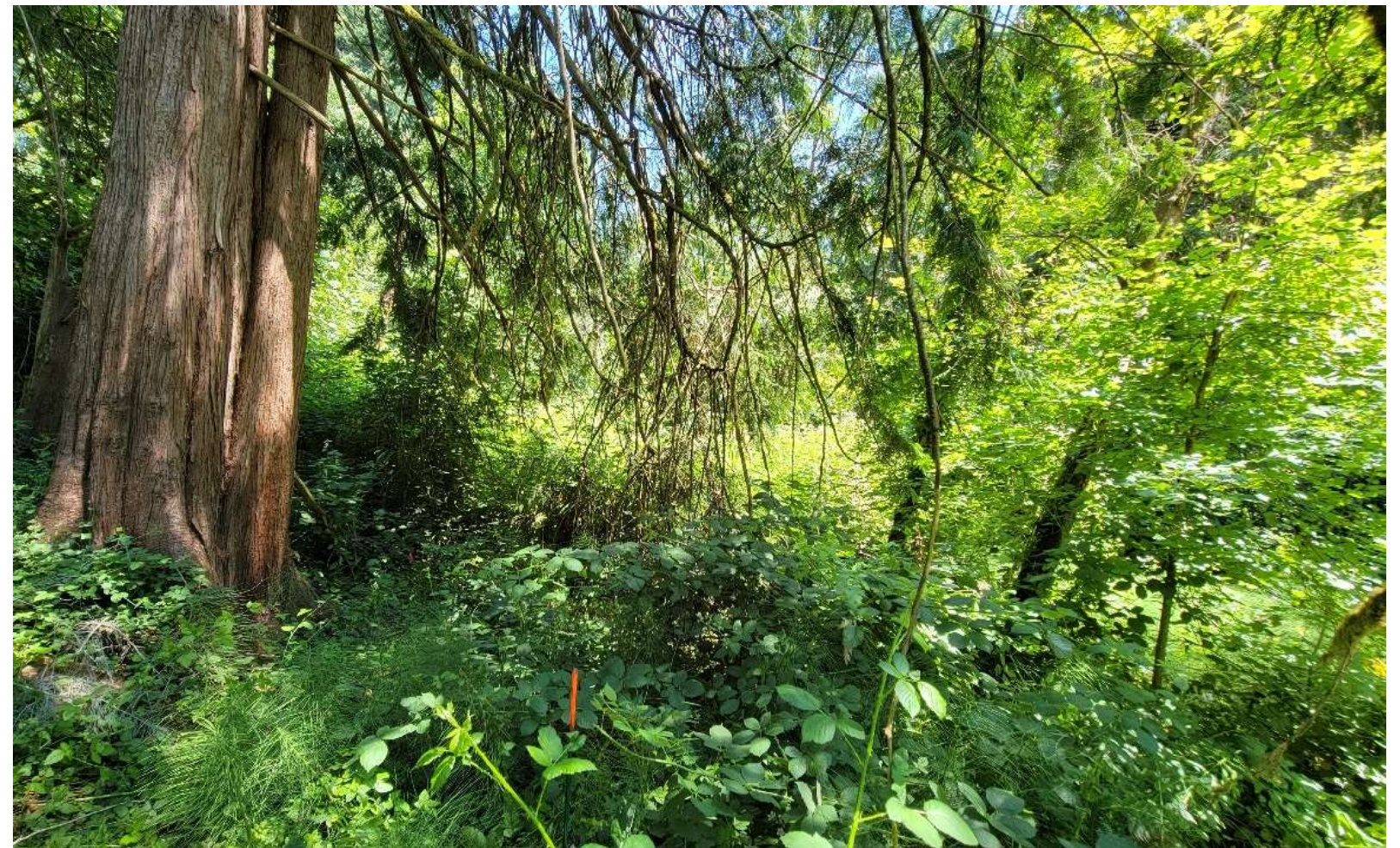
- Strategies to work towards achieving the six management objectives
- Examples:
  - Planting native species to improve biodiversity
  - Use IPM practices to manually/mechanically/chemically treat invasive species
  - Remove ladder fuels and plant fire-resistant plant species
  - Proactive management strategy for emerald ash borer
  - Interpretive signage to promote community engagement and education
  - Work with HOAs and other local orgs to promote natural area management and community involvement





# Habitat-specific strategies

- Unique recommendations for different habitat types
- Examples:
  - Riparian and upland forests will require different types of native plants for revegetation
  - Invasive targets will vary significantly by habitat type
  - Oak woodland/savannas will require mediterranean oak borer (MOB) monitoring and management to mimic natural fire regimes





# Cost Estimates for Restoration Work

- Estimates of expected costs for:
  - Site preparation
  - Ladder and wildfire fuel removal
  - Planting
  - Maintenance
- Example:

Site Preparation				
The rates below represent 3 site preparation visits per year. IPM principles should be followed. Use combinations of mechanical, manual, and chemical methods to treat invasive species and prepare the site for planting.				
Habitat Quality	Unit	Cost		Description
Good	ac/yr	\$0.00	\$3,820.00	Expect zero to one years of site preparation. High quality sites with little to no invasive species cover may not need site preparation prior to planting.
Fair	ac/yr	\$6,588.50	\$9,278.50	Expect one to two years of site preparation before planting.
Poor	ac/yr	\$10,081.00	\$12,771.00	Expect two to three years of site preparation before planting.



# Possible Funding Sources

- OWEB – Small Grants, Natural and Working Lands Program
- ODFW – Access and Habitat Program, Private Forest Accord Grant
- Metro – Nature in Neighborhood
- Oregon Invasive Species Council Grants
- Oregon Wildlife Foundation
- Arbor Day Foundation
- And more...





Questions?