working for clean rivers



Springwater Wetlands Restoration Project

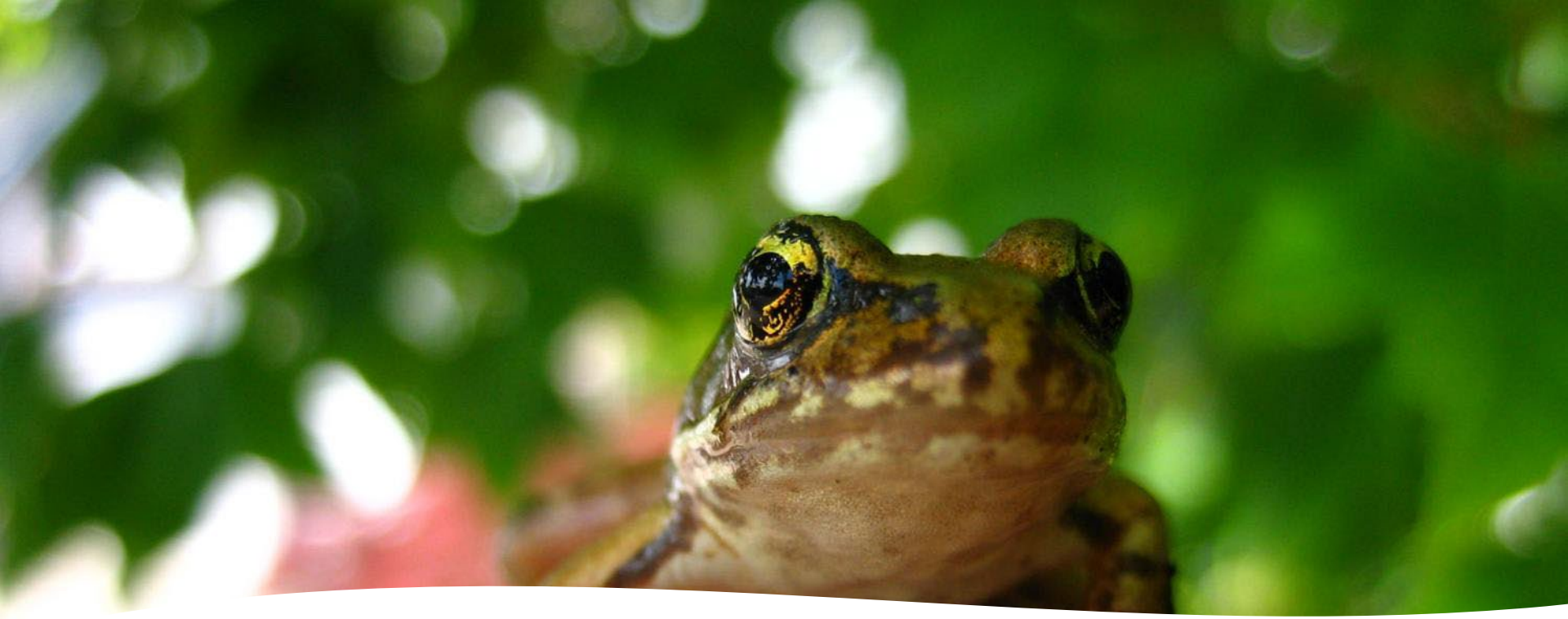
Environmental Services: Tressie Word, PE

Johnson Creek Science and Restoration Symposium, 20 October 2026





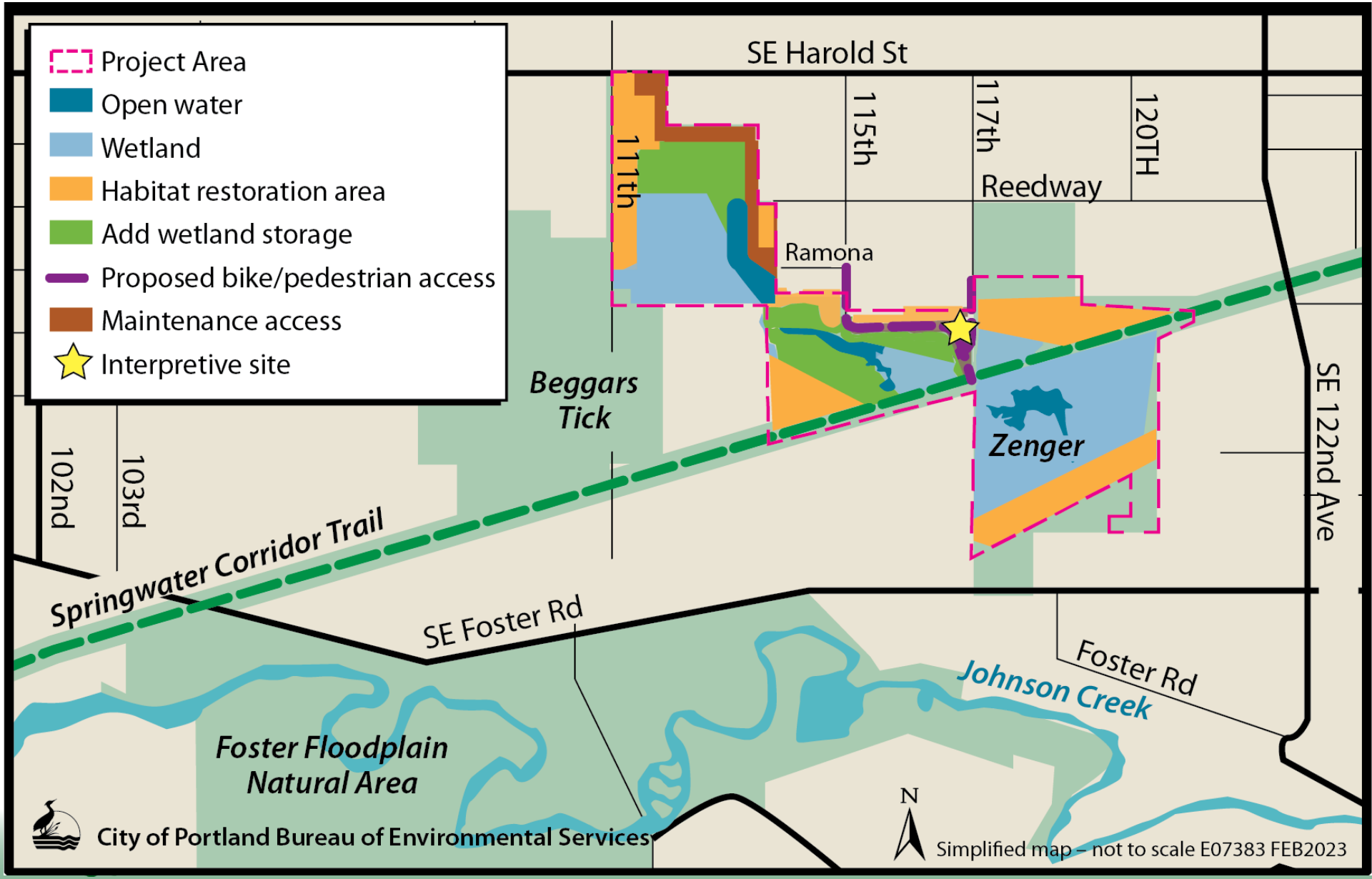
ENVIRONMENTAL SERVICES
CITY OF PORTLAND



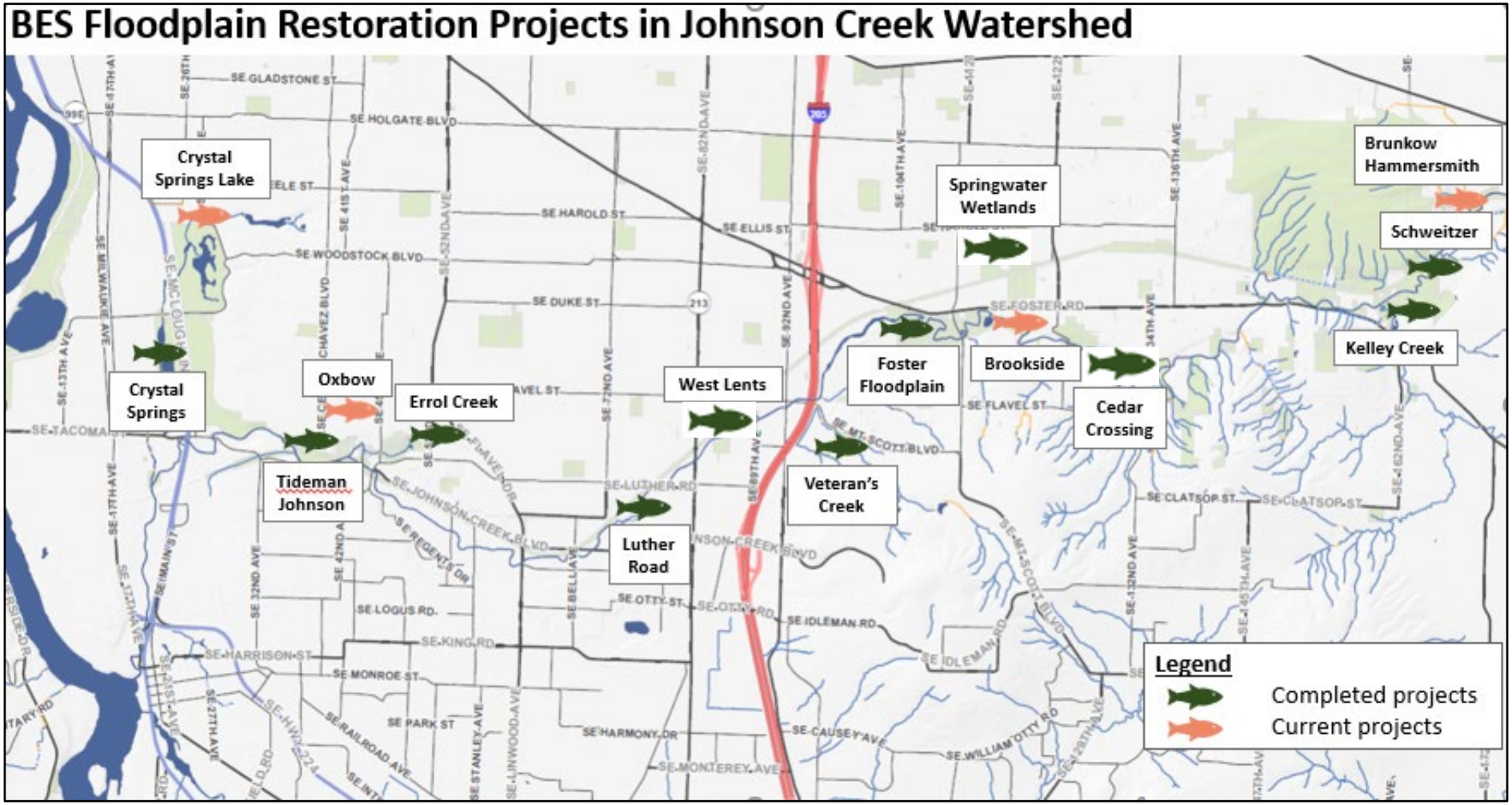
Brief Summary

- Overview
- Intent
- Highlights
- Next Steps

Springwater Wetlands Overview



Springwater Wetlands Overview



Springwater Wetlands Intent

Relieve local flooding

Enhance habitat and watershed health

Improve community amenities



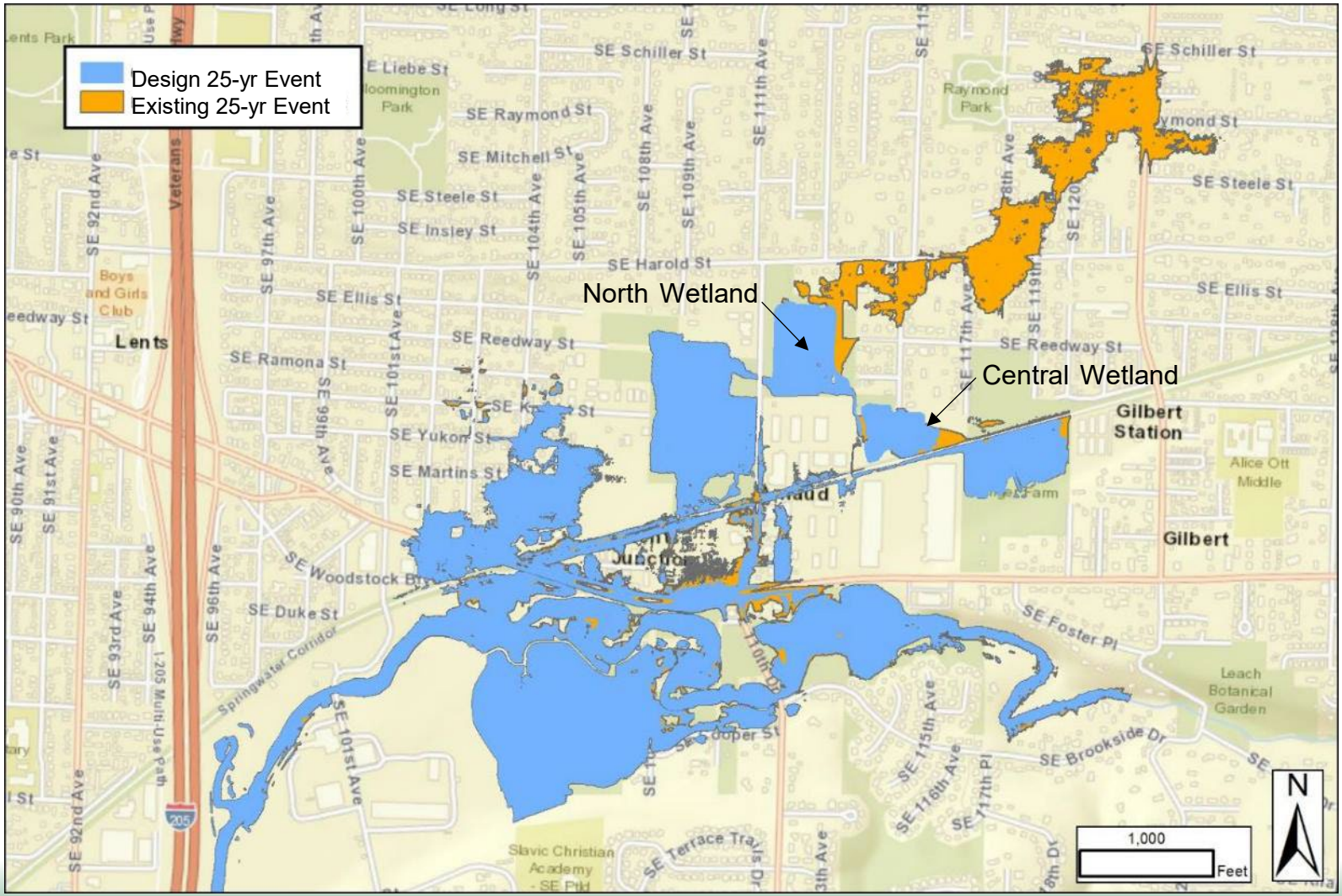




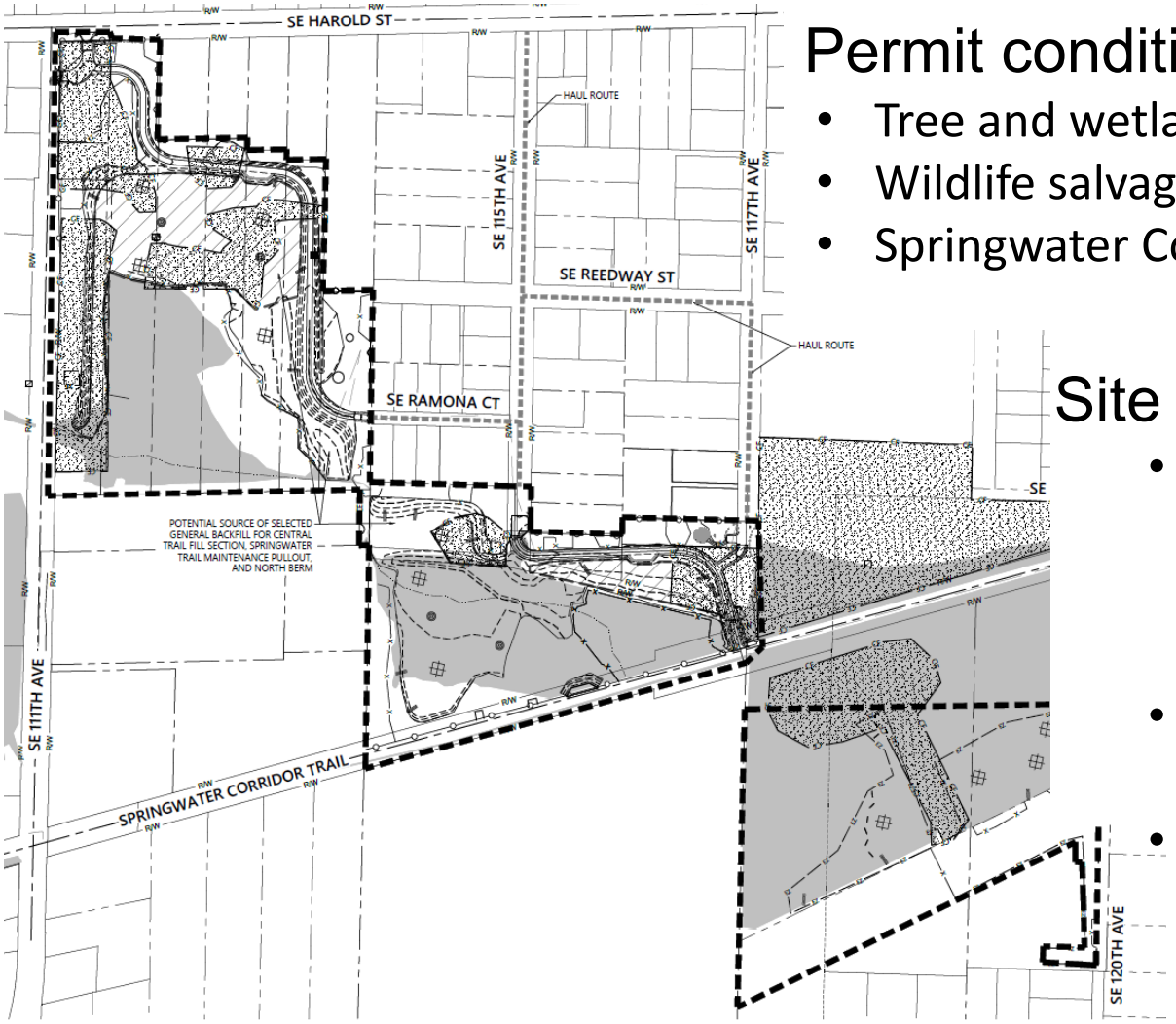


Springwater Wetlands Intent

Existing and future local floods



Springwater Wetlands Highlights



Permit conditions include

- Tree and wetland protection
- Wildlife salvage during construction
- Springwater Corridor traffic control

Site assessment outcomes

- Export contaminated media to Hillsboro Landfill (30 miles):
  23,300 CY
- Springwater clean fill:
  17,000 CY
- Import wetland clean fill from West Lents (3 miles)
  12,500 CY

Springwater Wetlands Highlights

Repurposed

WPA Stones







North Wetland Highlights: Before and After



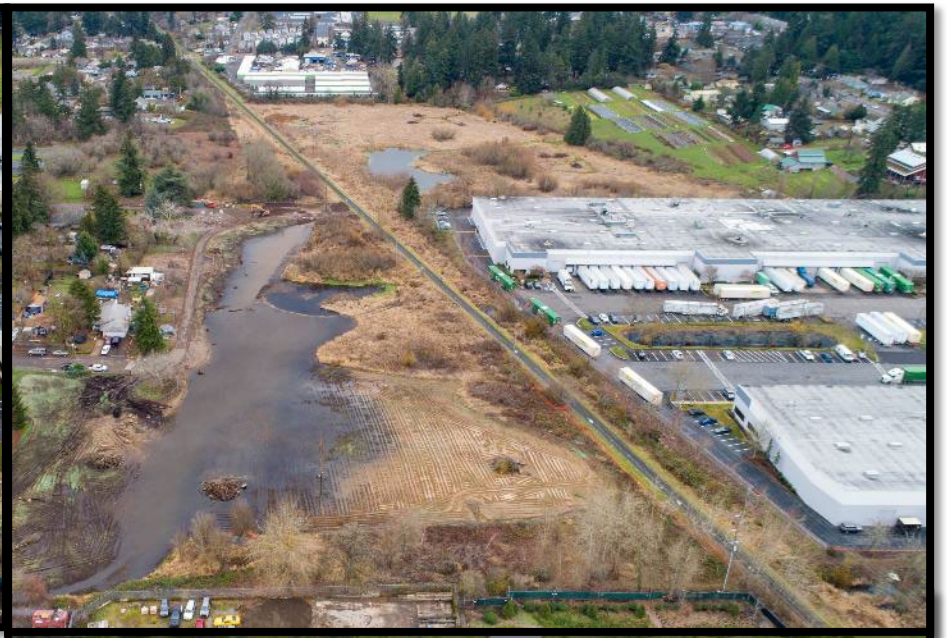




- Removed non-native
  - Fill
  - Vegetation
- Constructed maintenance trail
- Installed
  - Habitat elements
  - Underground injection well
- Planted native vegetation

Central Wetland Highlights: Before and After





- Constructed
  - Bike and pedestrian trail to Springwater Corridor
  - Habitat features
  - Educational areas with signage
- Removed non-native fill
- Expanded wetland area
- Planted native vegetation



Recognition















Next Steps

- Continue remapping the federal floodplain with ongoing community outreach
- Deliver permit monitoring and reporting
- Adaptively manage the site
- Provide long-term site maintenance


Question and
Answer Session
After
Presentations