

working for clean rivers



# Springwater Wetlands and Floodplain Ordinances

**E07383**

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ENVIRONMENTAL SERVICES  
CITY OF PORTLAND

Mingus Mapps, Commissioner  
Dawn Uchiyama, Director





# Brief Summary

- Project Requirements
- Project Objectives
- Project Overview
- Project Budget
  - Grant
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- Project Schedule
- Discussion



# Project Requirements



Flooding



Contaminated,  
non-native fill



Limited access to  
nature and nearby  
centers

Invasive plants in and  
around the wetlands



# Project Requirements

## Flood Risk Reduction

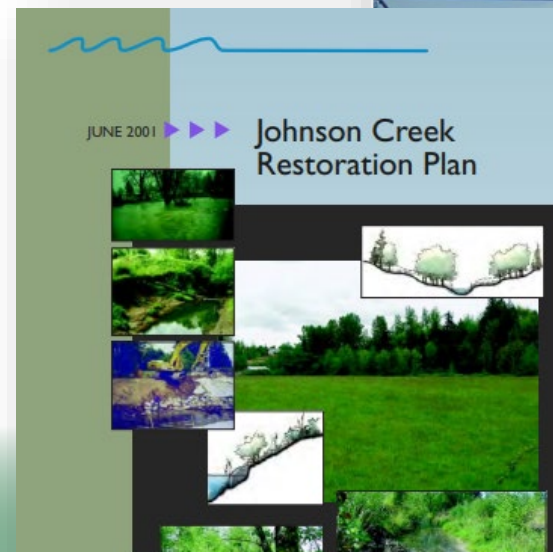
- Johnson Creek Restoration Plan
- City of Portland 2021 Natural Hazard Mitigation Plan
  - **\$7.1M Federal Emergency Management Agency Grant (in-progress)**
- Lents Collaborative Declaration of Cooperation

## Neighborhood Connections

- 2035 Comprehensive Plan
- Transportation System Plan
- Portland Bicycle Plan
- Safe Routes to School
- PedPDX

### The Mitigation Action Plan

The City of Portland's 2021 Natural Hazard Mitigation Plan Update



# Project Objectives

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**Relieve local flooding**



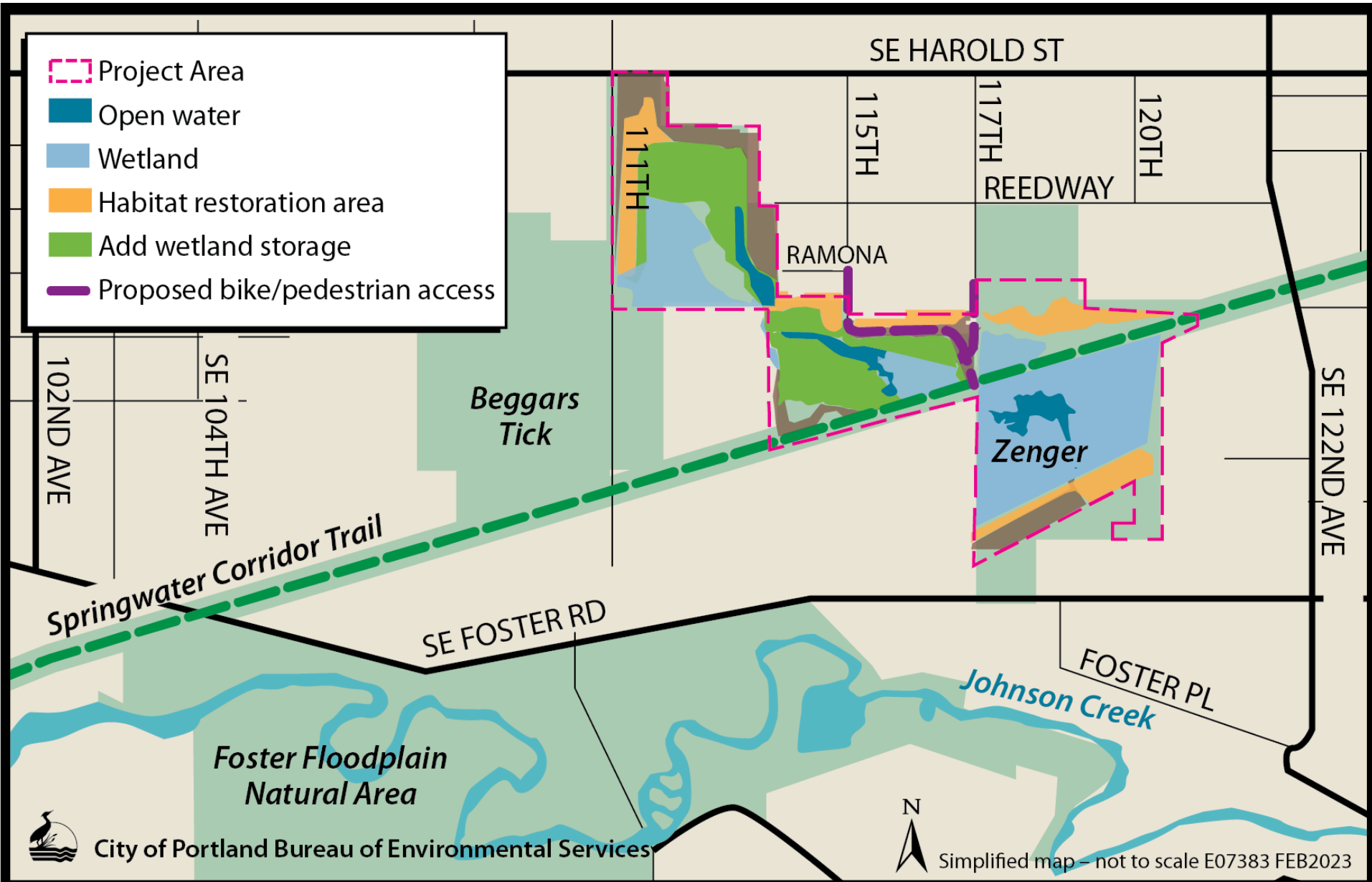
**Enhance habitat,  
water quality and  
watershed health**



**Improve community  
access to nature  
and nearby centers**



# Project Overview



# Project Overview

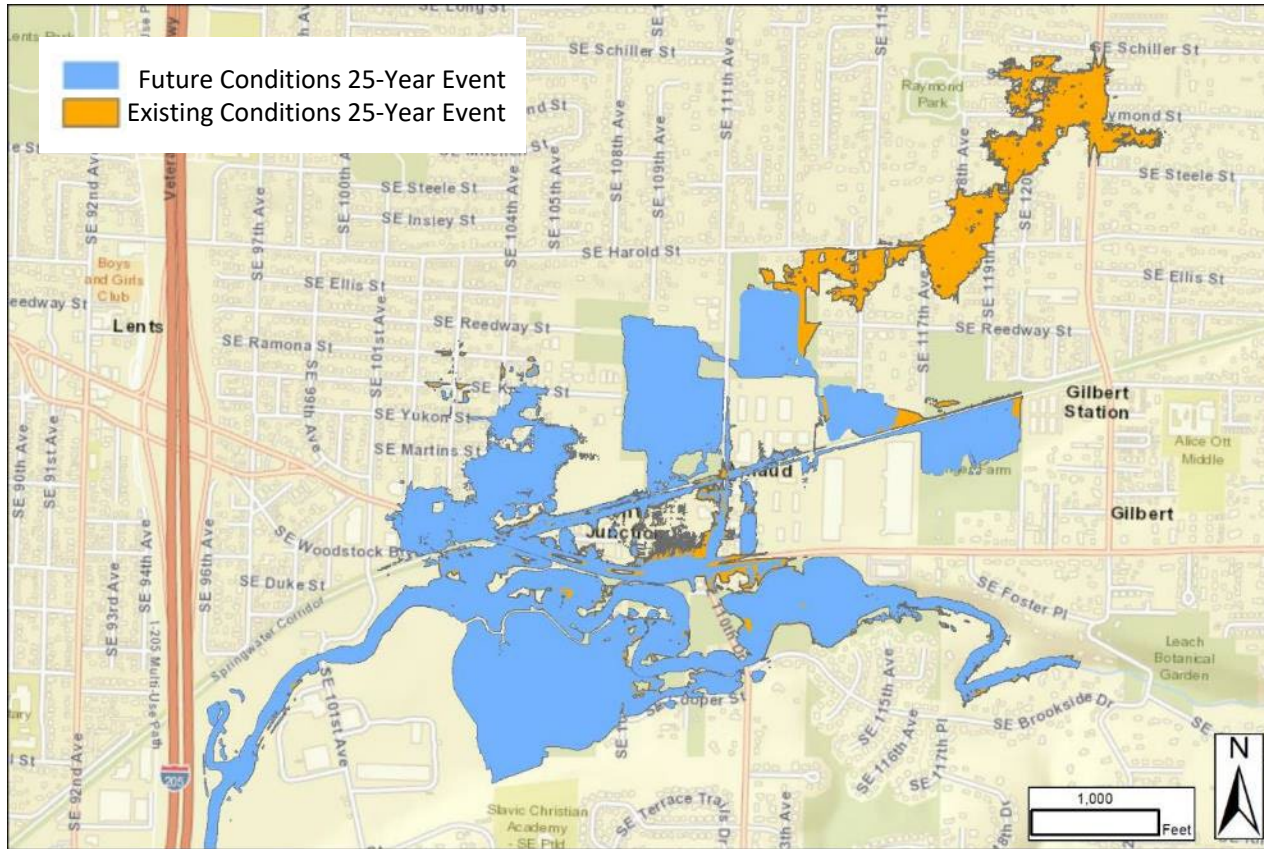
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- Lents and Powellhurst-Gilbert neighborhoods
  - High social vulnerability index
  - Racially and ethnically diverse
  - Large numbers of households
    - English not spoken as a first language
    - Low-income families
    - Children
  - Outreach focus
    - Multiple languages
    - Flood map changes



# Project Overview

## Existing and future local floods



### Project hydraulics:

- Reduce flood risk in underserved communities
  - Climate change may increase flood frequency
  - Contains flood water on City property
- Expand wetlands
- Improve water quality





# Project Budget - Ordinances

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- **Grant: Increase potential FEMA award to \$7.1M**
  - Federal cost share increased from 75% to 90%
  - Approval at second reading last week
- **Construction: \$6,028,000 Special Prequal Invitation to Bid**
  - Wetland restoration: 30 acres
  - Handling and disposal of contaminated soil: 12K CY
  - Bike and pedestrian trail: 500 FT
  - Educational areas with WPA features: 4 EA
- **Design: Add \$206K to contract, \$1.44M total, 44% increase, 24.78% DMWESB**
  - Include newly acquired low-lying property to maximize flood benefit
  - Extend permit support
  - Add community outreach regarding flood map changes
  - Incorporate cost escalation





Source: zengerfarm.org

## Project Schedule

- **Advertise: August 2023**
- **FEMA Grant Decision Anticipated: January 2024**
- **Construction: March 2024**





**Questions**

**Thank you!**