



Pine Lake Creek Basin Plan

Monday, July 10
2023

Basin/Stream
Stakeholder
Discussion

and

Lake Stakeholder
Discussion



Agenda

- Welcome and Introductions – 15 minutes
- Meeting and Basin Plan Overview – 15 minutes
- Discussion/Questions – 55 minutes
- Wrap-up and Next Steps – 5 minutes

Ground rules

1. I will do my best to keep an open mind
2. I will listen to what others have to say and do my best to understand
3. I will focus on the group discussion and avoid side conversations
4. I will let others participate
5. I will treat others with respect
6. I will think before speaking
7. It's ok to disagree, but I will do my best to find common ground
8. I will stay on topic
9. I will explore interests, not positions
10. I will tackle the topic, not the person

Background

- Pine Lake Creek drains approximately 1,200 acres near the south end of the Sammamish Plateau.
- The Pine Lake Creek Basin has some of the highest resource value in the City of Sammamish. The basin includes Pine Lake, Kanim and Pine Lake creeks, and a sphagnum bog complex and several smaller wetlands.
- The basin contains some of largest remaining areas of contiguous forest within the city, and Pine Lake Creek historically supported a substantial kokanee run and is still considered one of four primary spawning streams within the city.

Why is the city developing a plan?

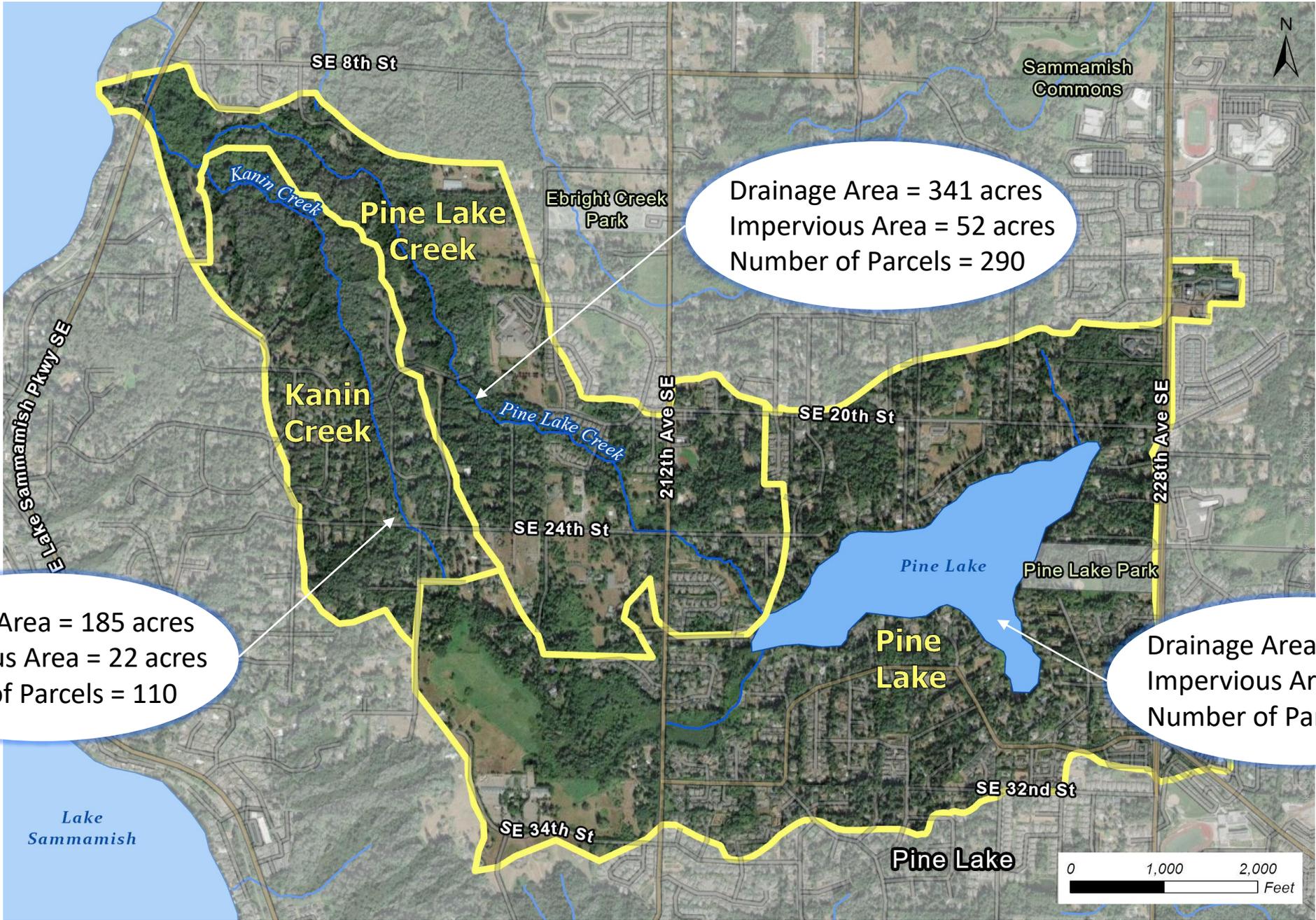
- Pursue resource protection to ensure long-term health of the lake and basin consistent with the Stormwater Comprehensive Plan.
- Ongoing development within the basin has affected historical kokanee runs, and the basin has experienced reduced water quality, flooding, and erosion.
- Despite this, Pine Lake Creek still supports kokanee spawning streams and has retained large areas of contiguous forest.

What's included in the plan?

- The City of Sammamish is developing a basin plan for the Pine Lake Creek watershed, including Pine Lake, Kanim Creek, and Pine Lake Creek.
- The Pine Lake Creek Basin Plan (Basin Plan) will characterize existing conditions in the basin and develop priority strategies, projects, and actions that address flooding, erosion, water quality, and ecological problems in the basin and reflect the community's priorities.
- Both future development and climate resiliency will be considered in prioritizing and designing projects and solutions.

Current Management

- Very limited basin-specific management framework in place to guide development or other activities within the Pine Lake Creek basin.
- City-wide management framework through NPDES permit and King County Surface Water Design Manual and City amendments and codes.
 - Phosphorous Removal Standard
- Lake level
 - Weir built 1982
 - Owned by WDFW
- Lake Association



Drainage Area = 341 acres
Impervious Area = 52 acres
Number of Parcels = 290

Drainage Area = 185 acres
Impervious Area = 22 acres
Number of Parcels = 110

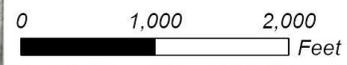
Drainage Area = 668 acres
Impervious Area = 146 acres
Number of Parcels = 760

**Pine Lake
Creek**

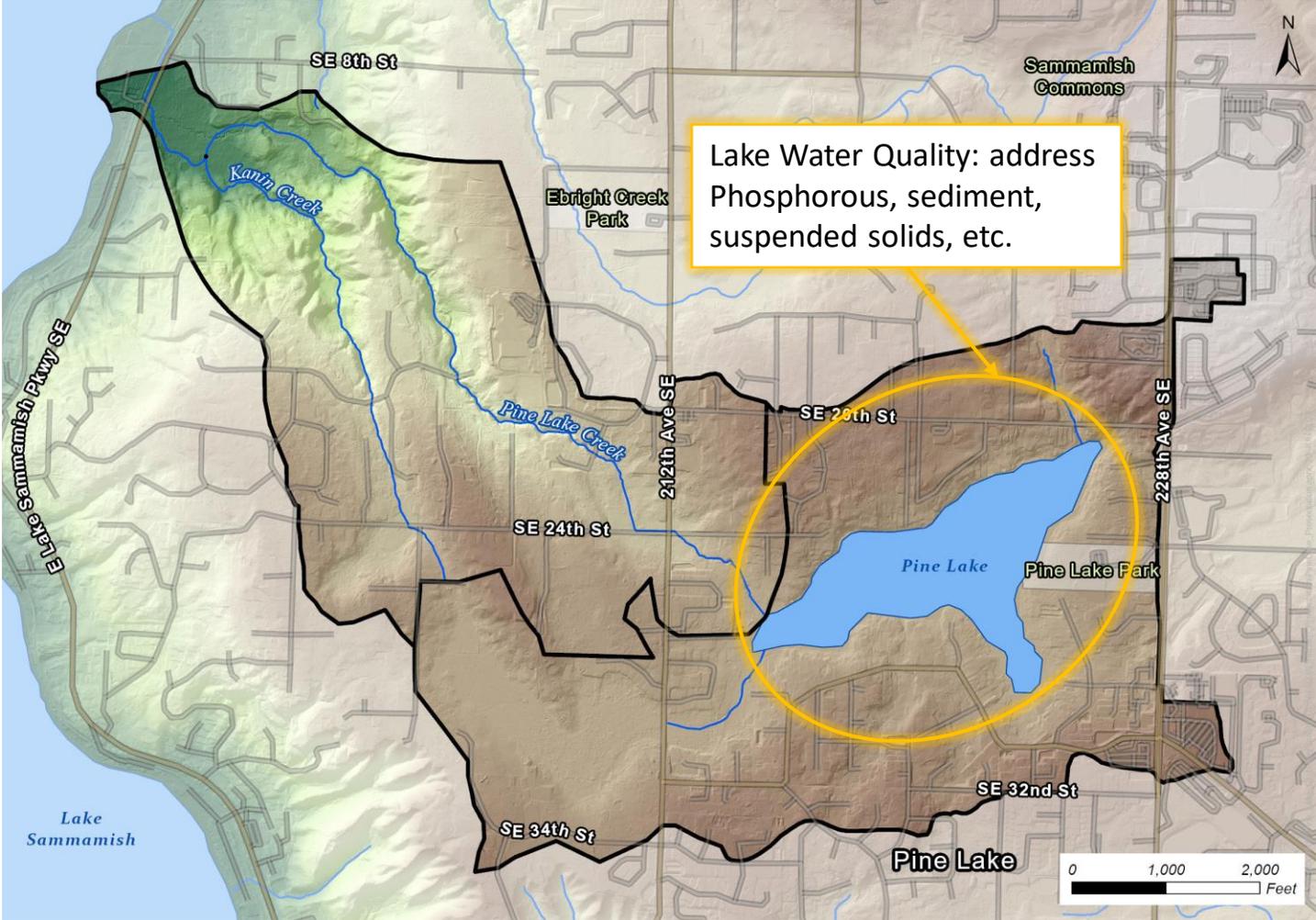
**Kanin
Creek**

**Pine
Lake**

Pine Lake



Lake Issues

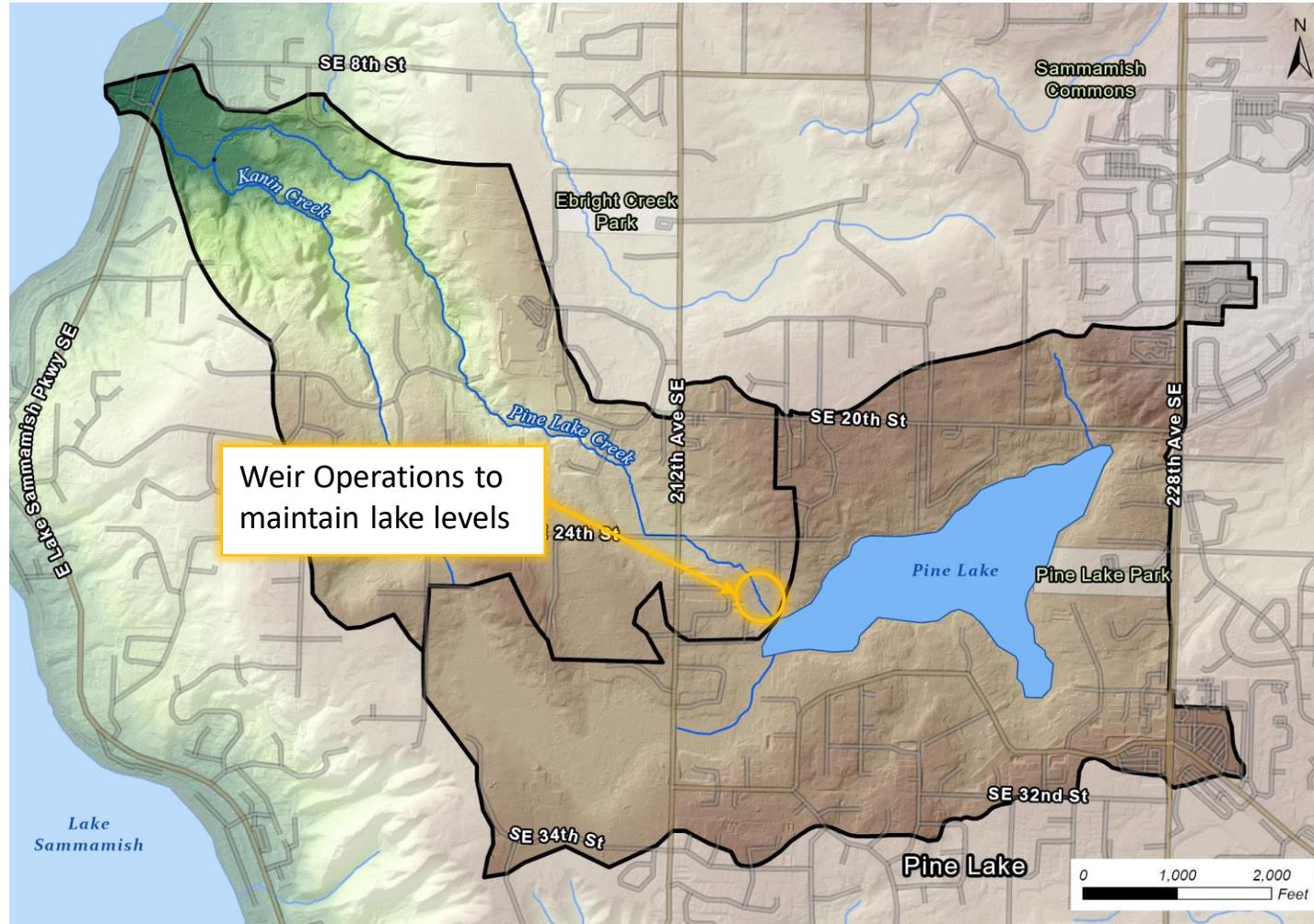


NHC, 2023



NHC, 2023

Lake Issues

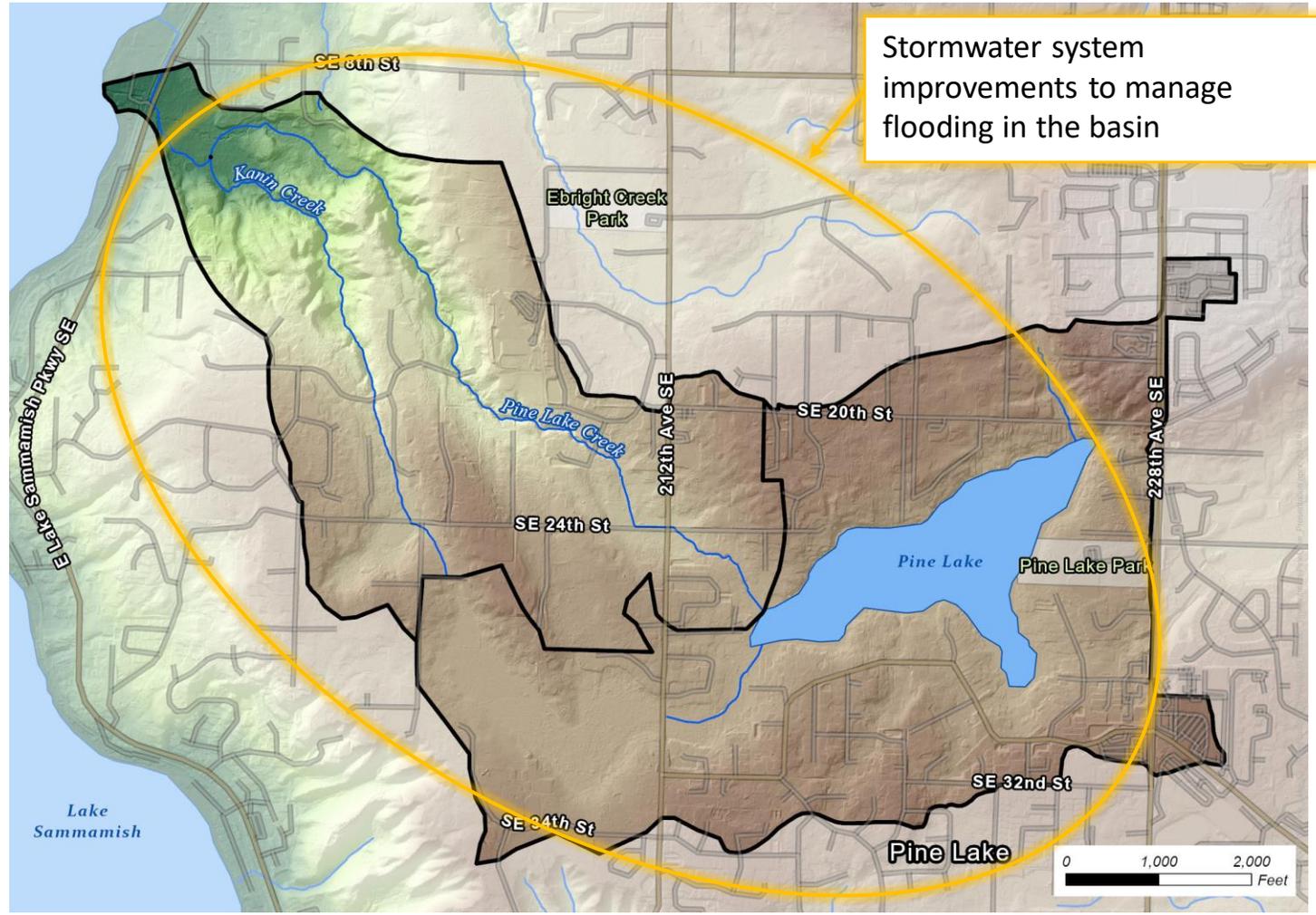


NHC, 2023



NHC, 2023

Lake & Stream Issues

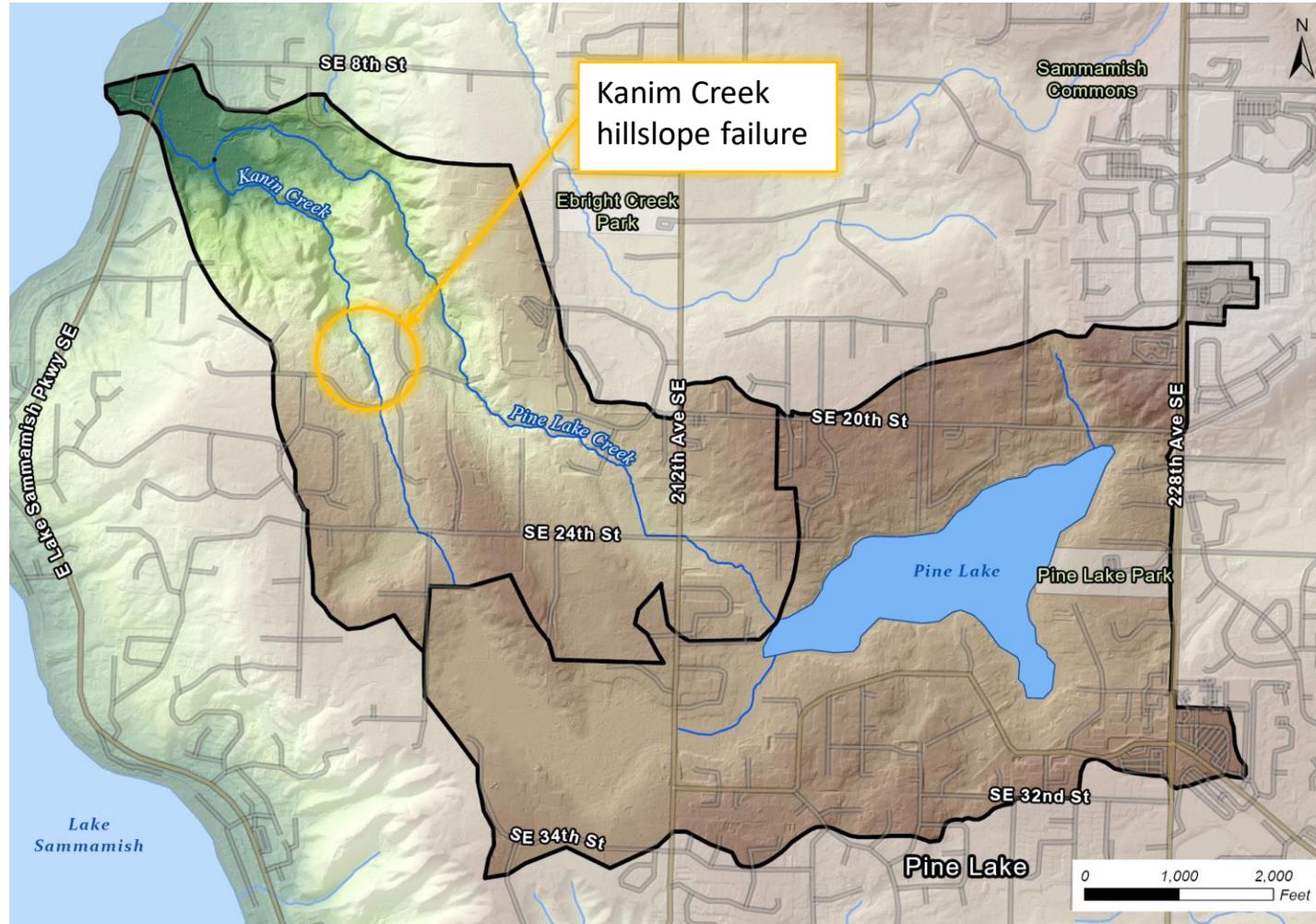


NHC, 2023



48 North, 2023

Stream Issues

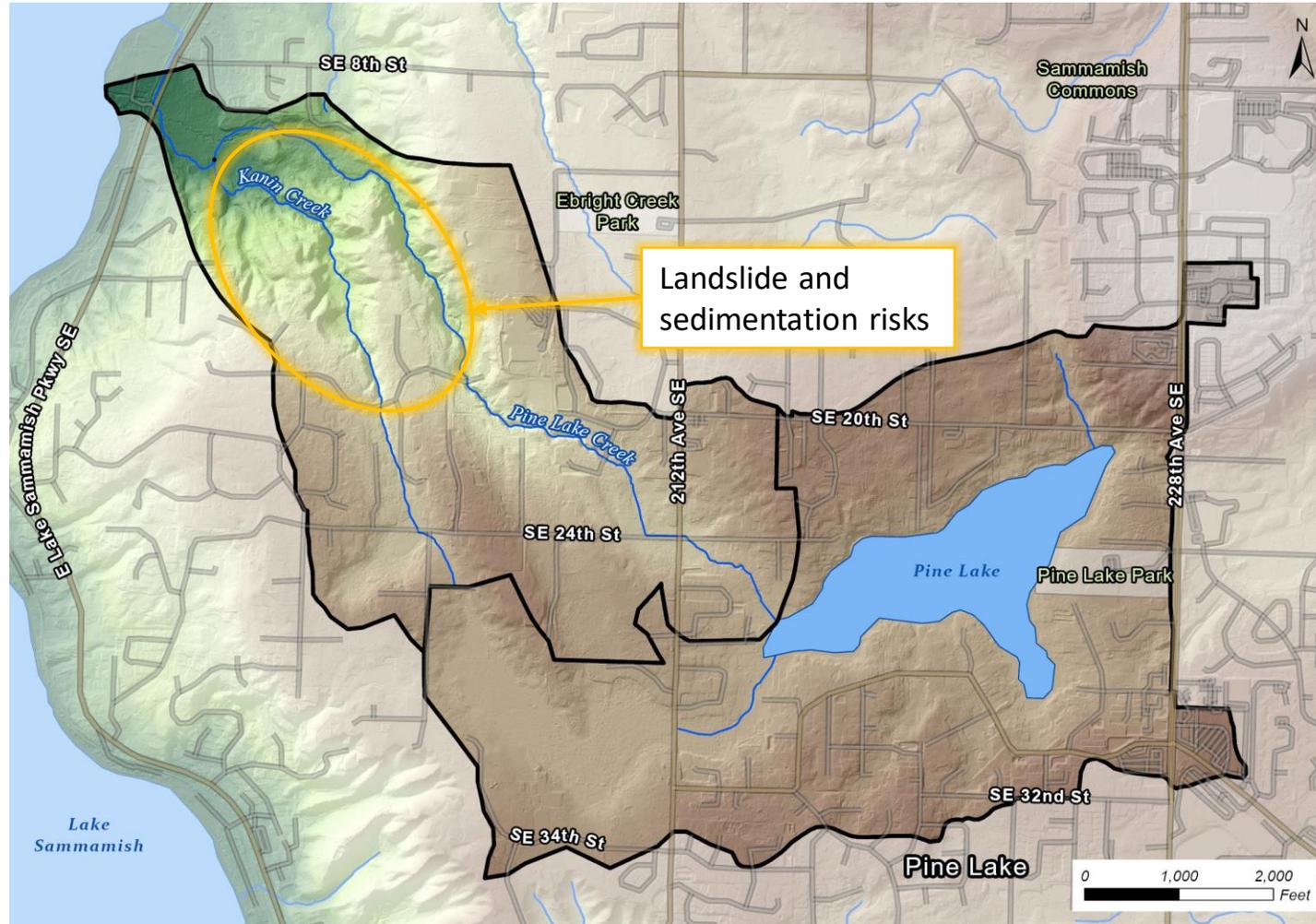


WDFW, 2012



AltoTerra, 2019

Stream Issues

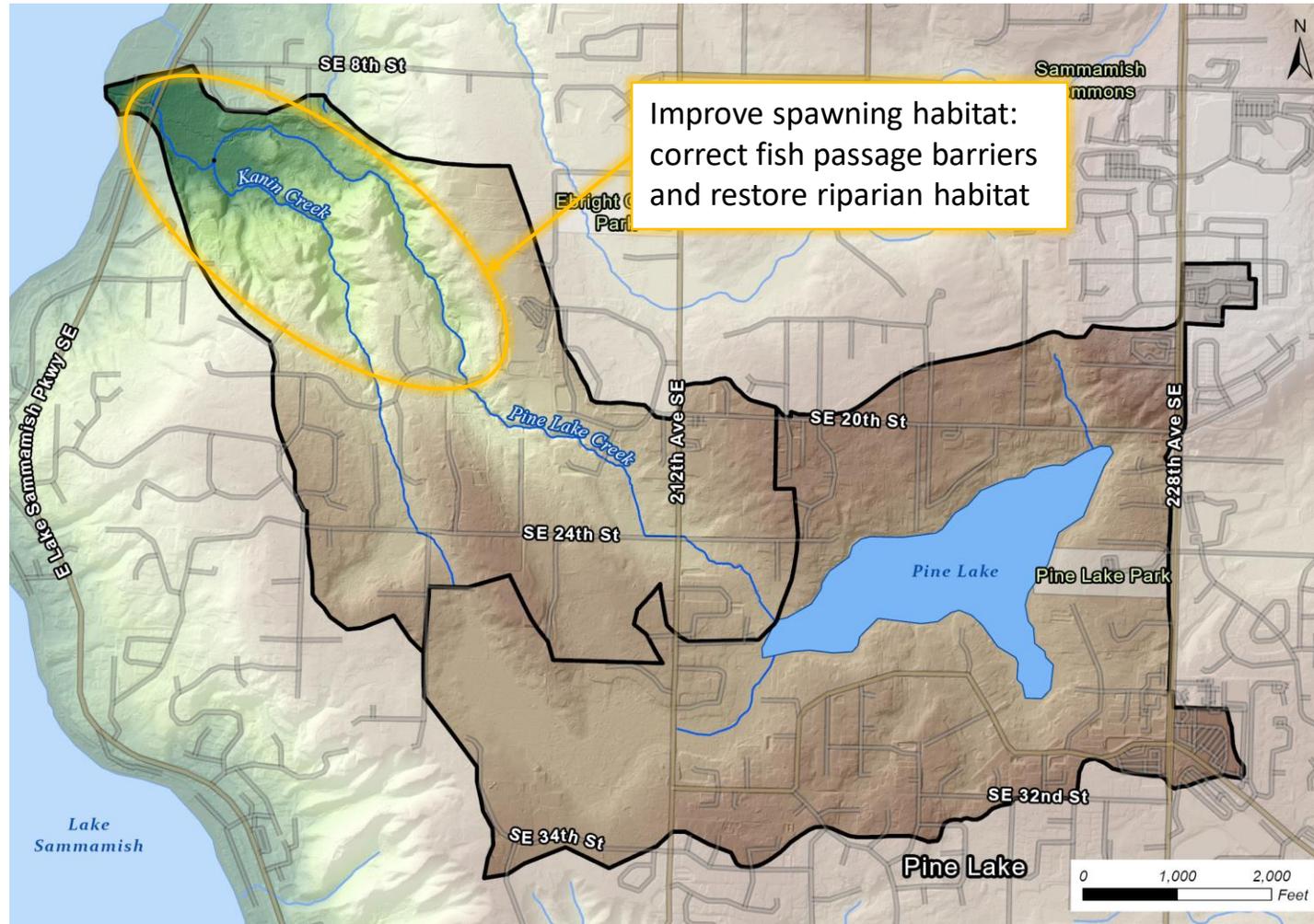


AltaTerra, 2019



48 North, 2022

Stream Issues



NHC, 2023



WDFW, 2012

Schedule

March - December 2023

Basin Assessment & Data Collection

April - August 2023

Hydrologic Modeling

July 2023

Lake and Basin/Stream Stakeholder Group Session #1

September 2023

Open House #1

September 2023 - February 2024

Identify Projects & Strategies

November 2023

Lake and Basin/Stream Stakeholder Group Session #2

January 2024

Open House #2

March - July 2024

Prepare Basin Report

Staying Involved

- Website:
<https://www.sammamish.us/government/public-works/stormwater/storm-and-surface-water-projects/>
(placeholder)
- StoryMap: [Sammamish Pine Lake Creek Basin Plan \(arcgis.com\)](#)
- Postcards
- Public Meetings
 - September 2023
 - January 2024
- Social media



Next Steps

- Summer 2023: Compile and prioritize problem areas
- September 2023: Hold first public open house
- Fall 2023 – Early 2024: Identify projects and strategies to address problems
- Spring – Fall 2024: Develop outlines and concepts for priority projects
- Fall 2024: Draft Basin Plan
- Final adoption by end of 2024