



# Highlands Neighborhood

October 16, 2024

## Water System Improvements Project Update and Next Steps



# OUR TEAM

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Truc Dever    *Public Works Director*

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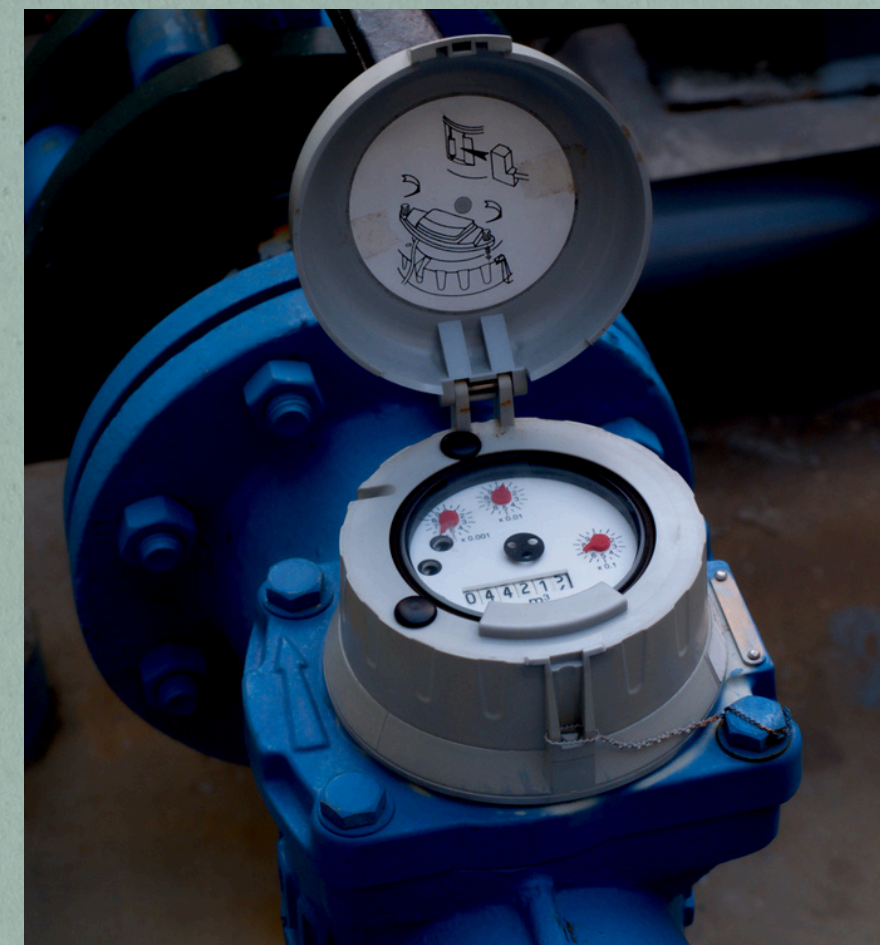


# WHY WE ARE HERE

**To address community concerns** over the recent water gradient changes that have impacted household water pressure

**To provide an explanation,** background on improvements this project brought to the water system

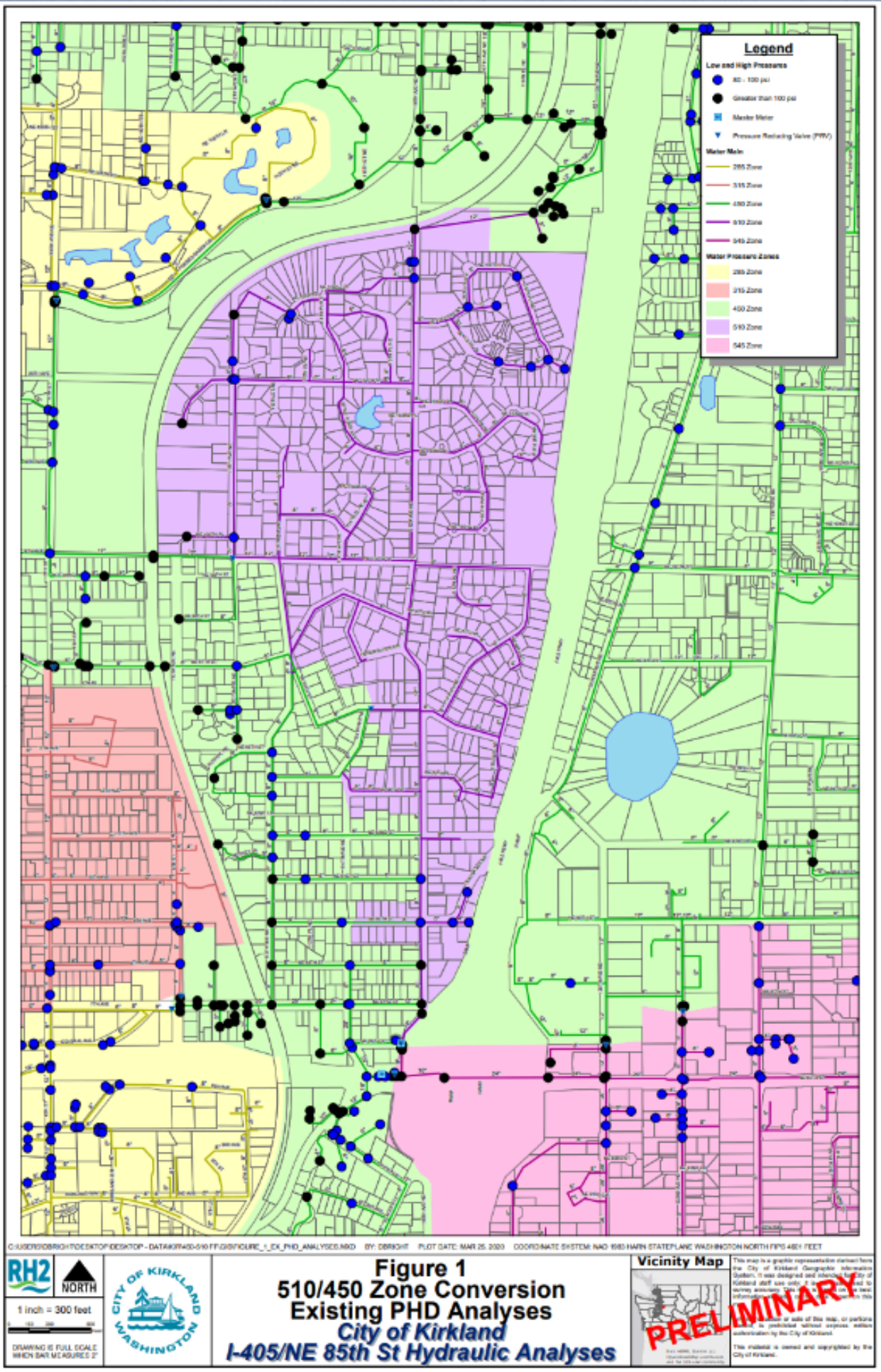
**To discuss a way forward**





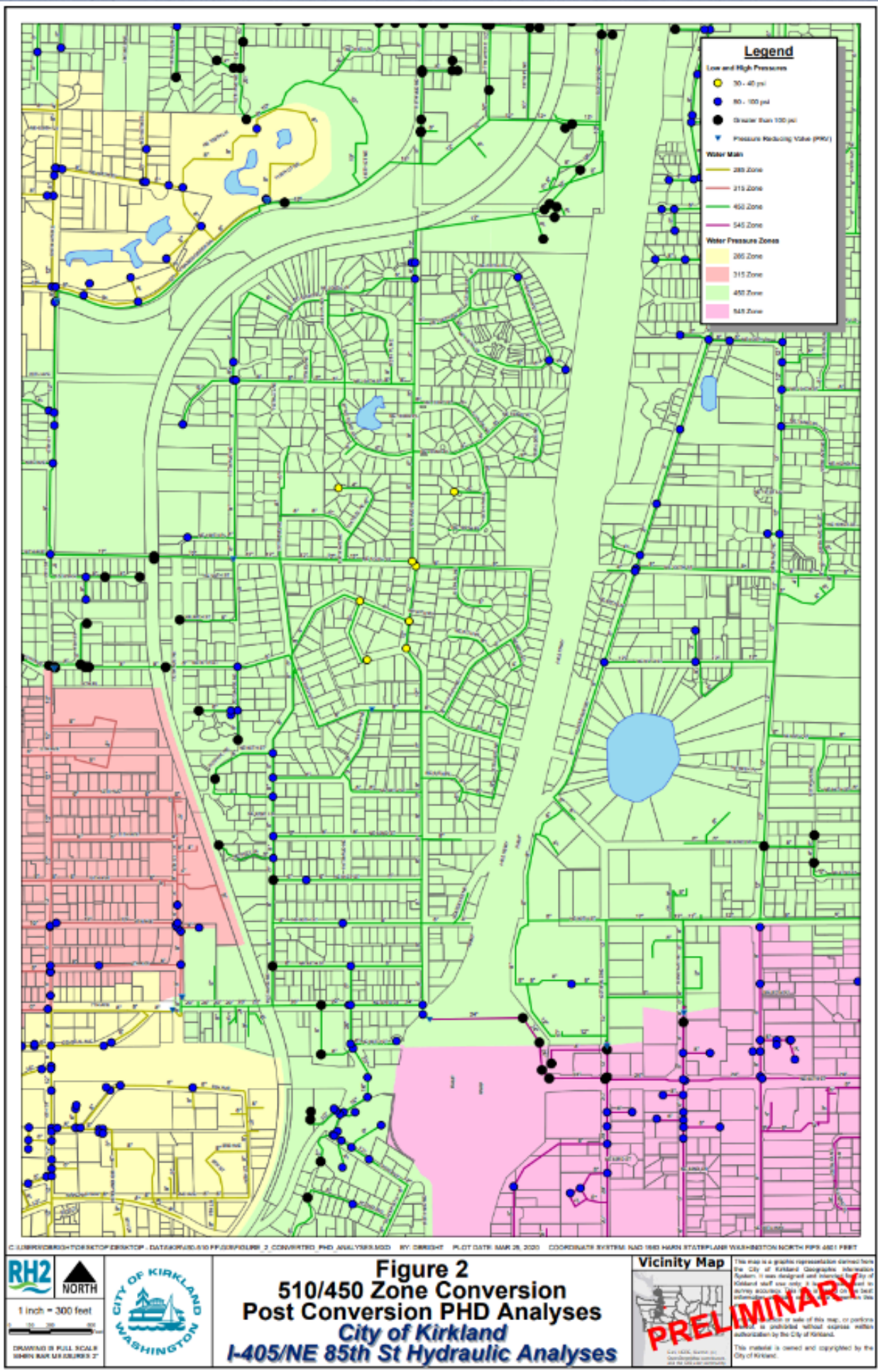






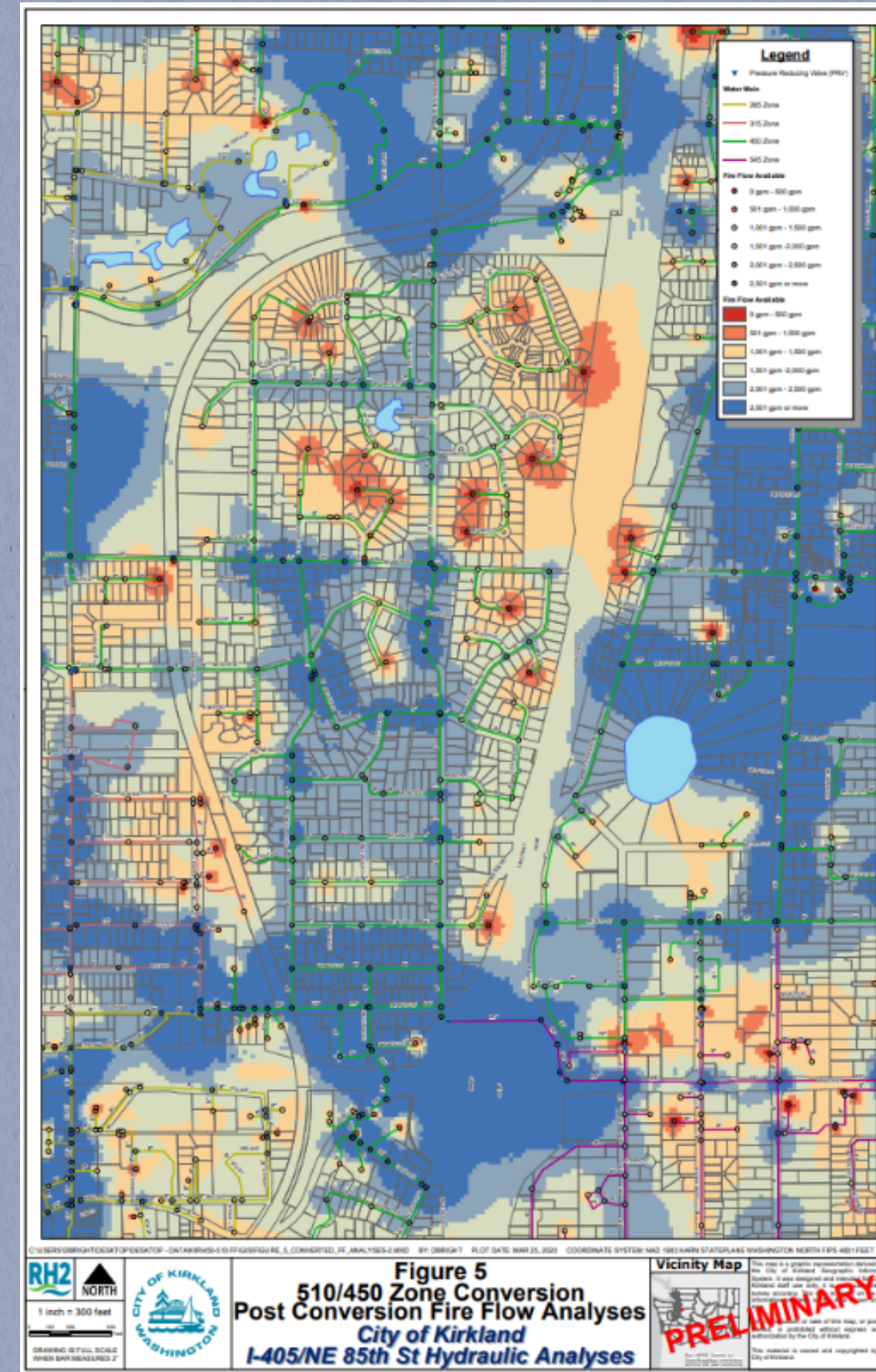
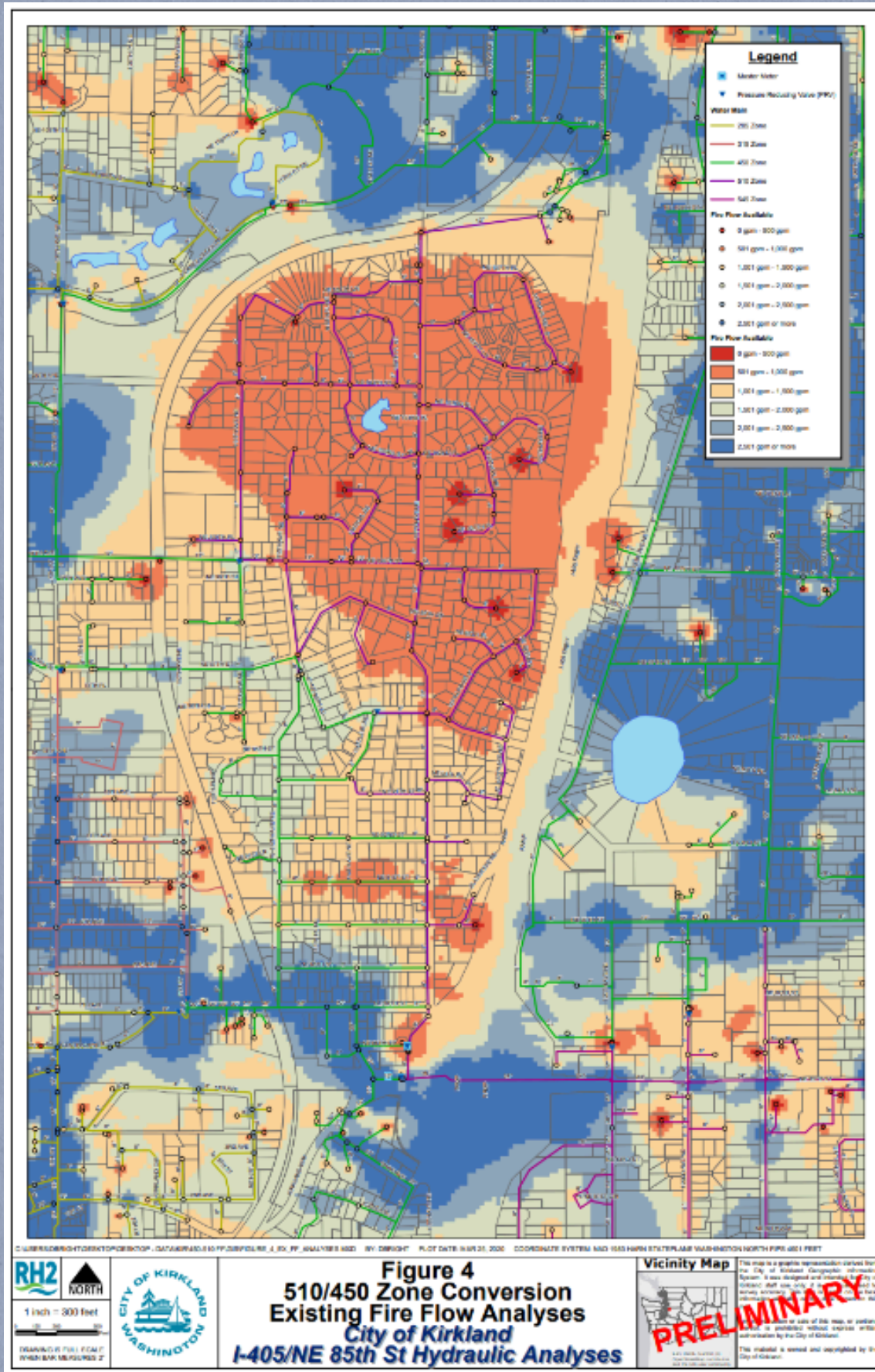
# RATIONALE FOR CHANGE

Fire flow  
Resiliency  
Water Quality



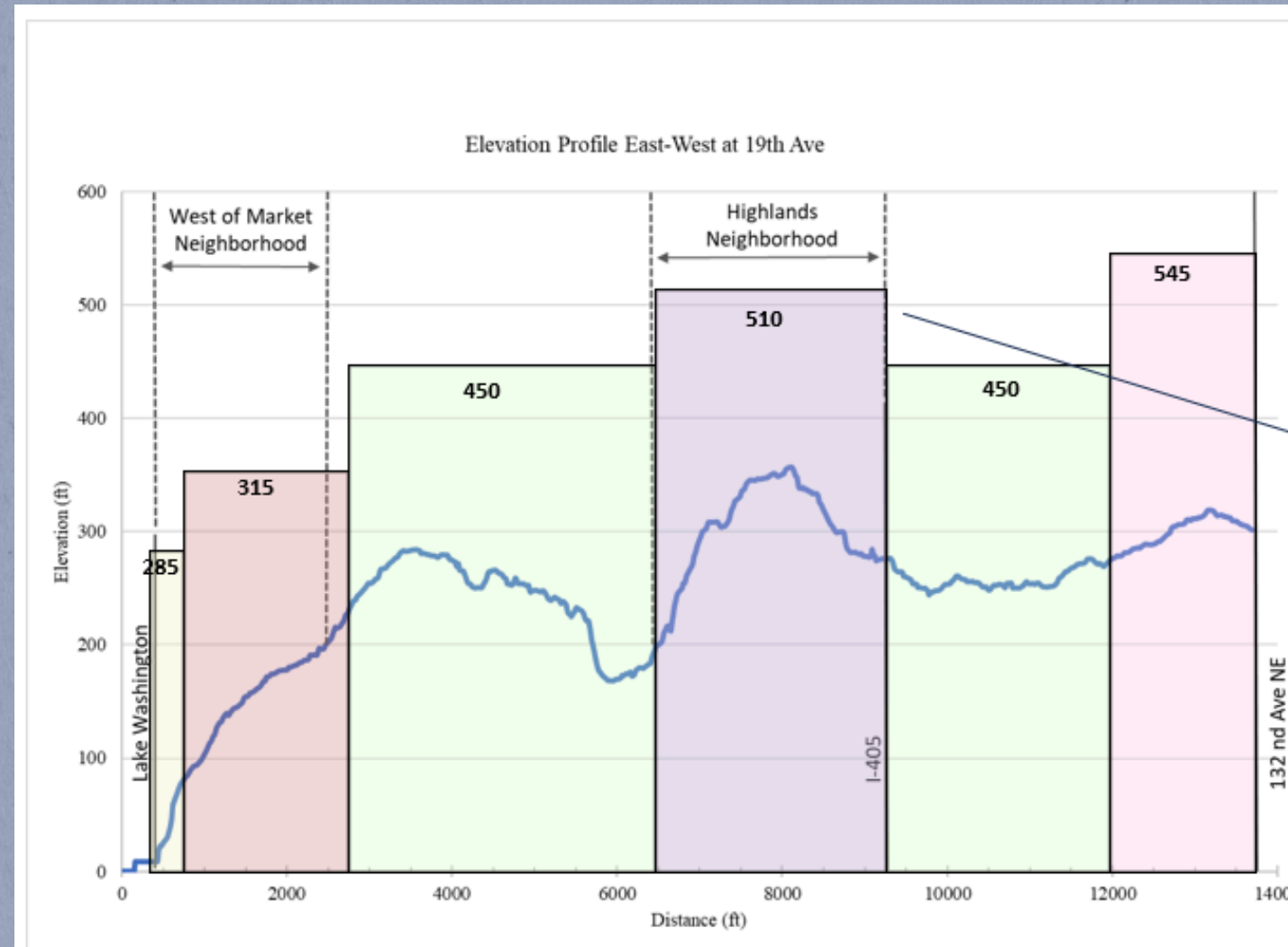
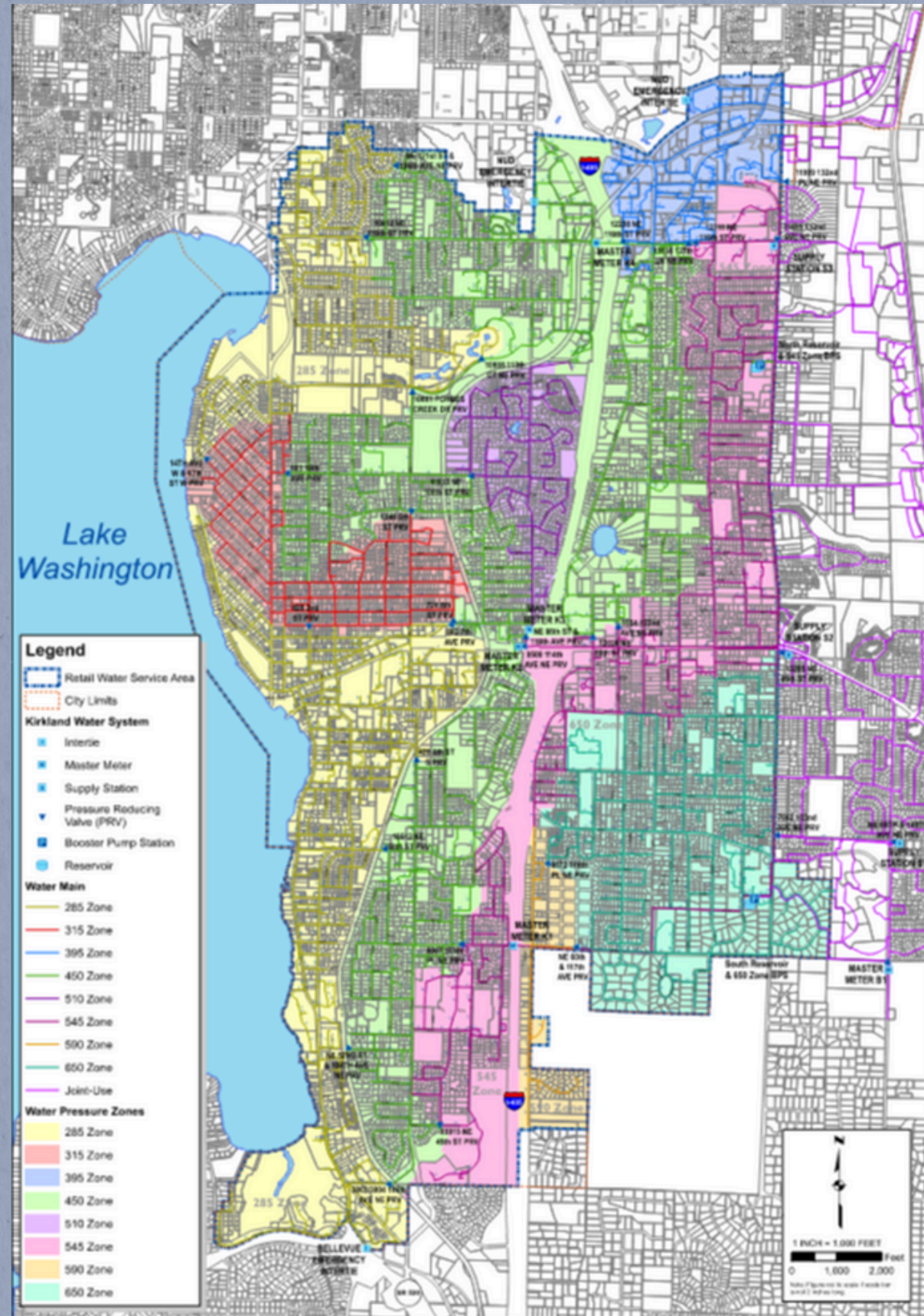


# FIRE FLOW

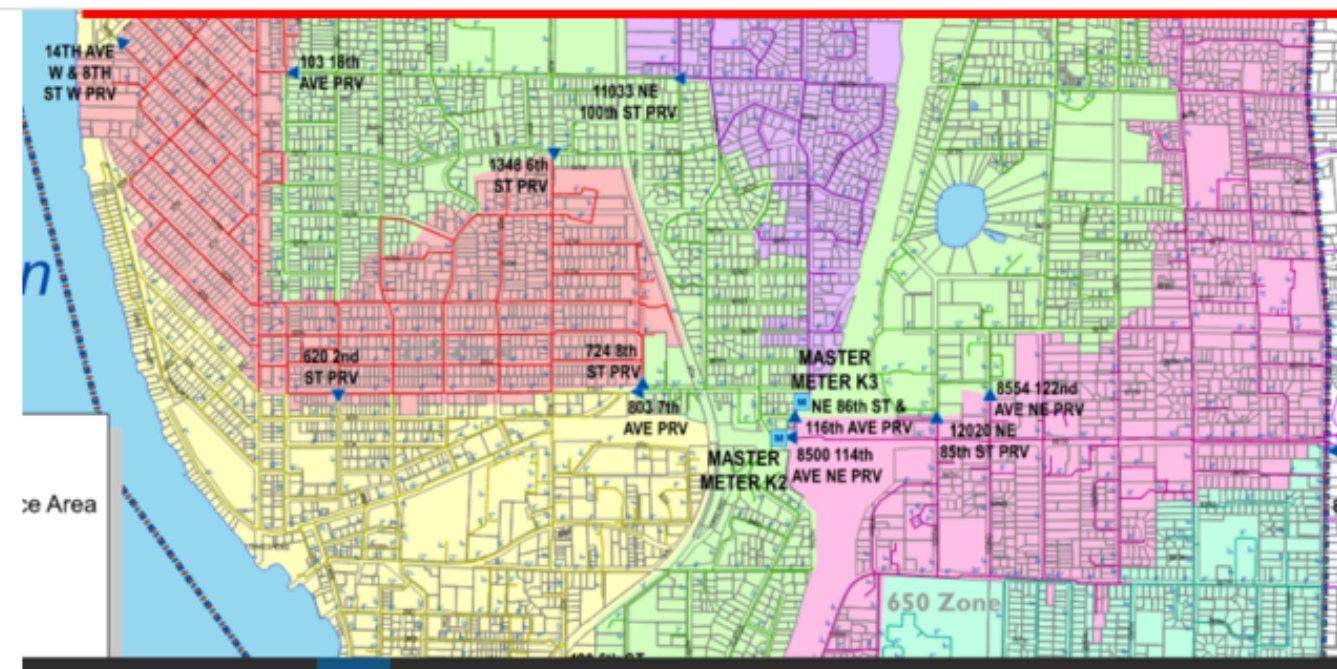




# RESILIENCY

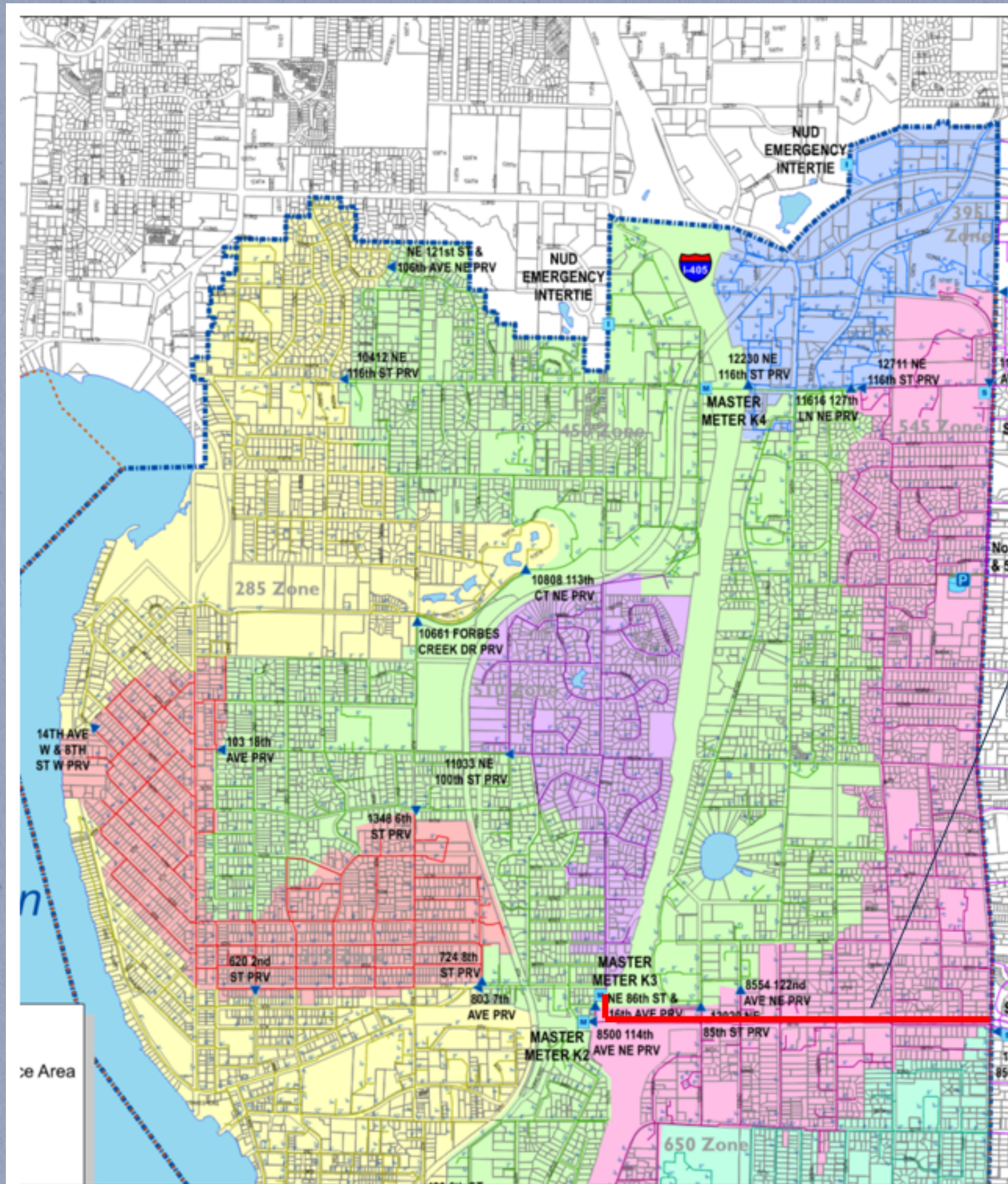


510 Zone was established to accommodate this higher elevation, but it also resulted in a hydraulic island effect for the Highlands Neighborhood.





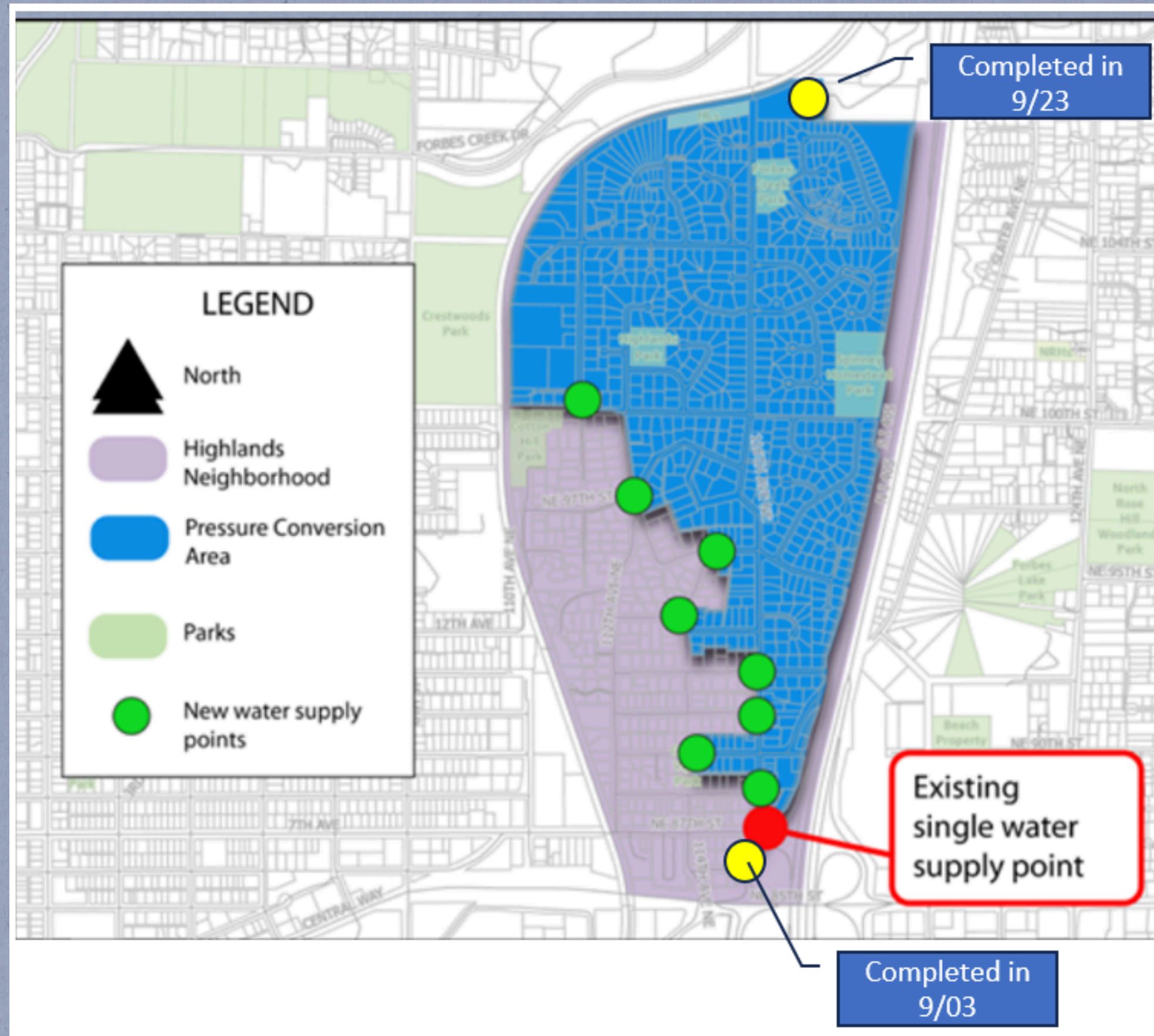
# WATER QAULTY



This Hydraulic Island only has One Source of Supply

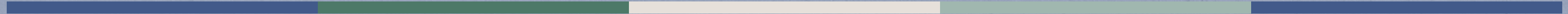


# IMPACTS FROM WSDOT PROJECT





# IMPACTS ON THE COMMUNITY





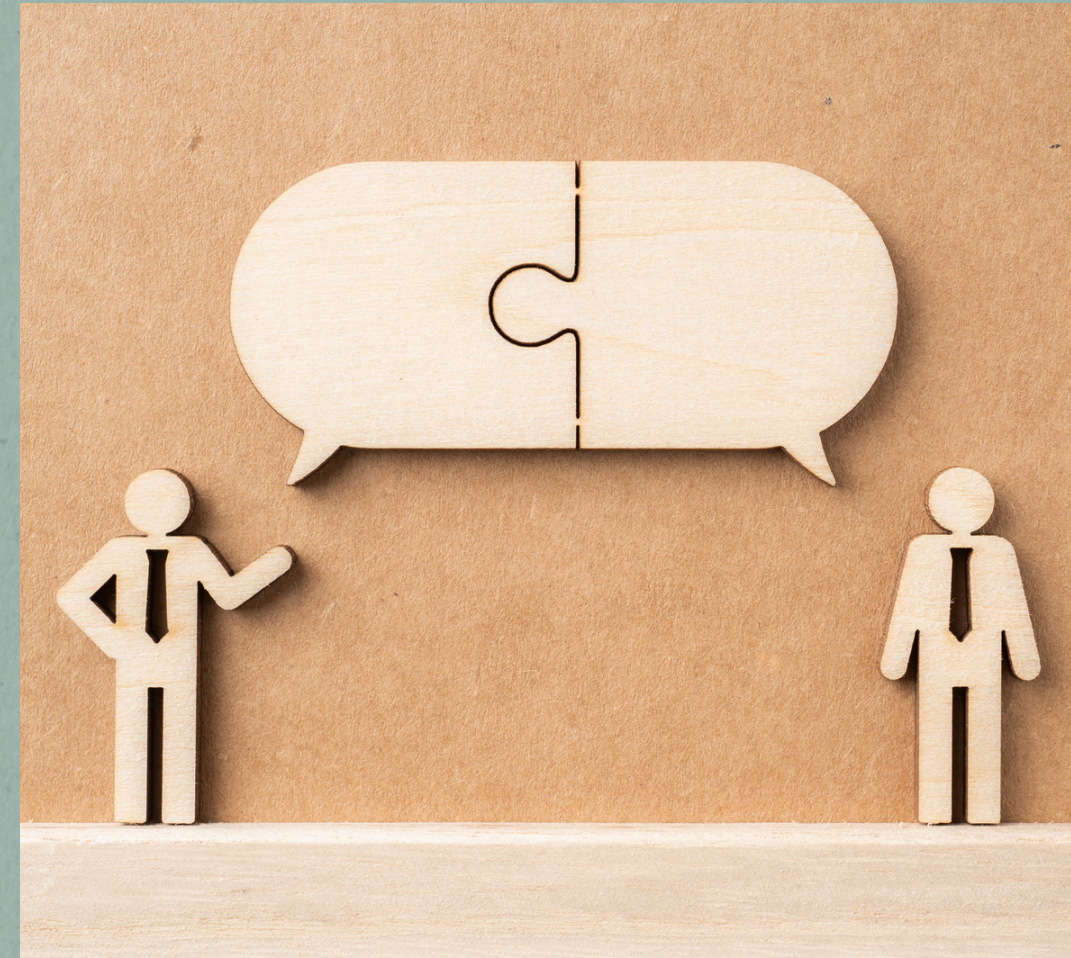
# NEXT STEPS



Data  
collection



Analysis



Communication  
updates throughout  
process



Schedule in  
home  
Consultation





# DISCUSSION & CONTACT

## Website

[www.kirklandwa.gov/highlandswater](http://www.kirklandwa.gov/highlandswater)



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