

Equitable Wastewater Futures Program

37,000 septic systems in urban King County!

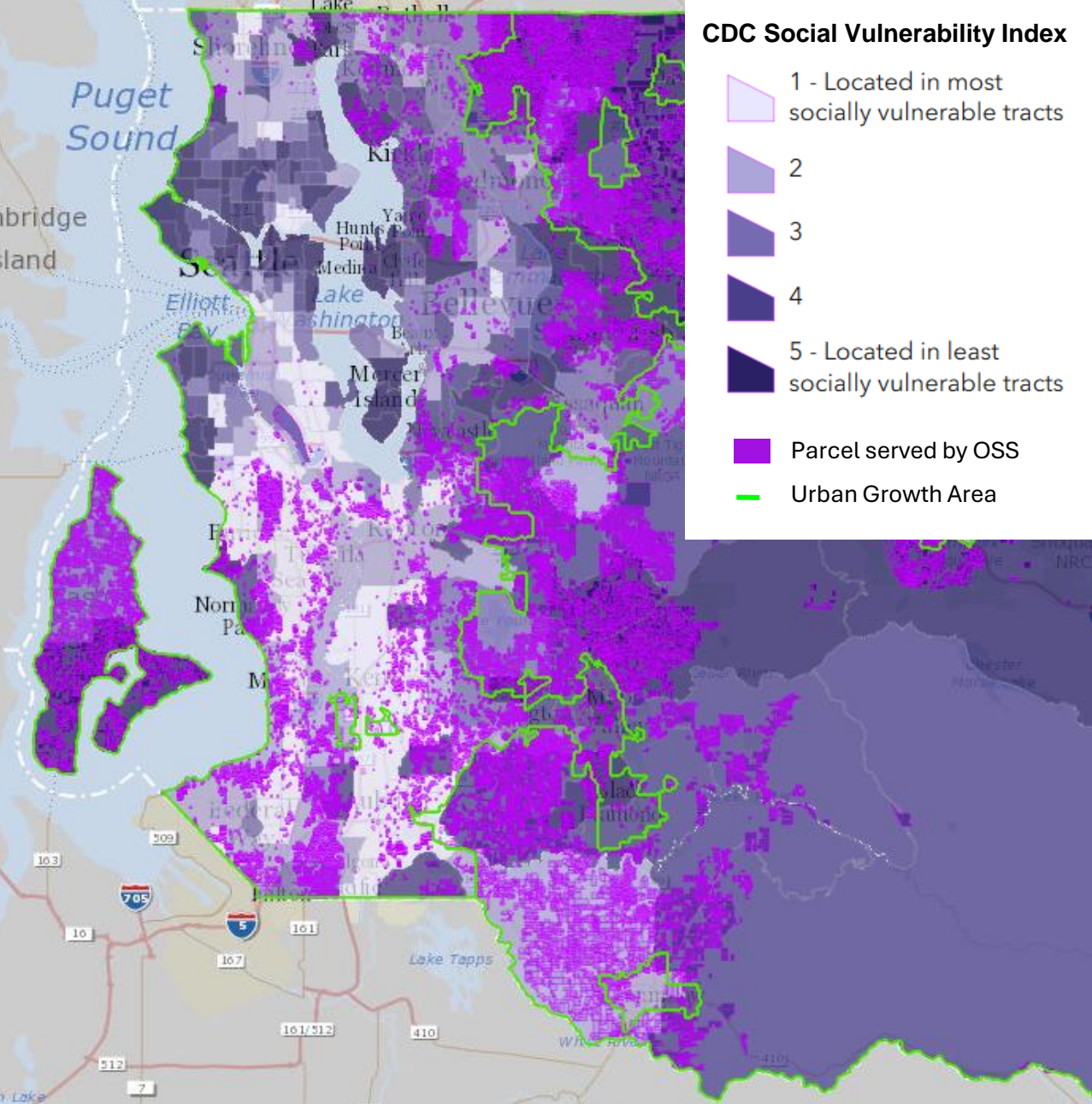
Corrina Marote, Program Manager
Equitable Wastewater Futures

Meagan Jackson, Program Manager
OSS Operation and Maintenance

Julie Horowitz, Strategic Advisor
Environmental Health Services

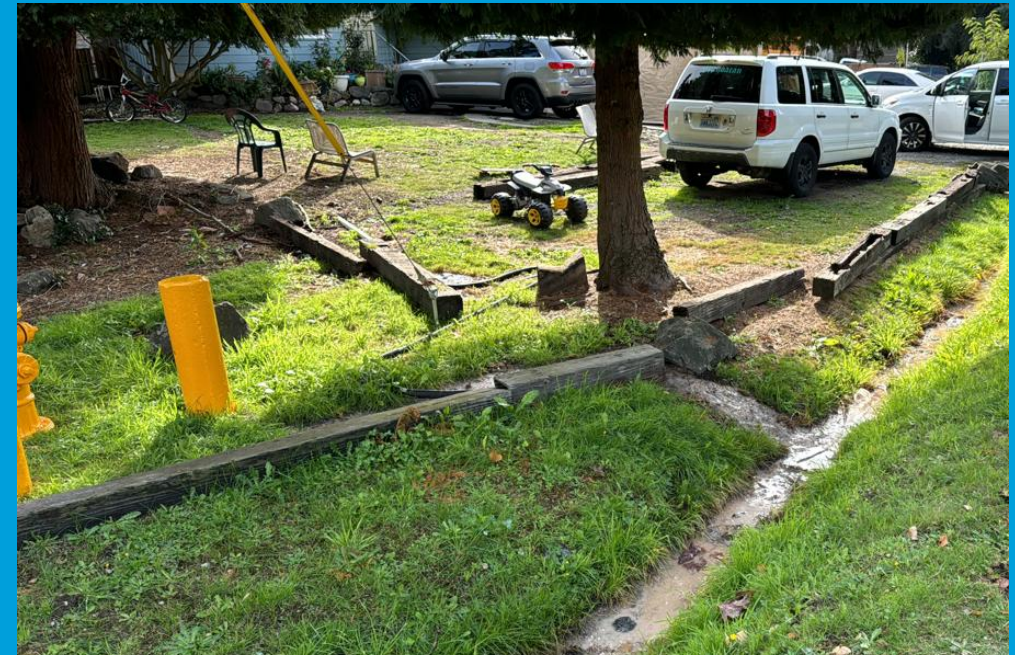
Andrew LaRue, General Manager
Valley View Sewer District





AGING URBAN OSS

- 37,000 septic systems in urban King County
- Approximately 75% of them are over 30 years old
- Sewer extensions are needed in these areas



Septic Failure in Urban King County

Costs for Septic to Sewer Conversion Exceed What is Feasible for Individual Property Owners

Project Type	Estimated Cost to Homeowner
Septic replacement	~ \$41,000
Sewer connection, stub fronting property	\$25,000 and up
Sewer connection, mainline extension needed	\$84,000 and up



King County Climate Equity Capital Pool:

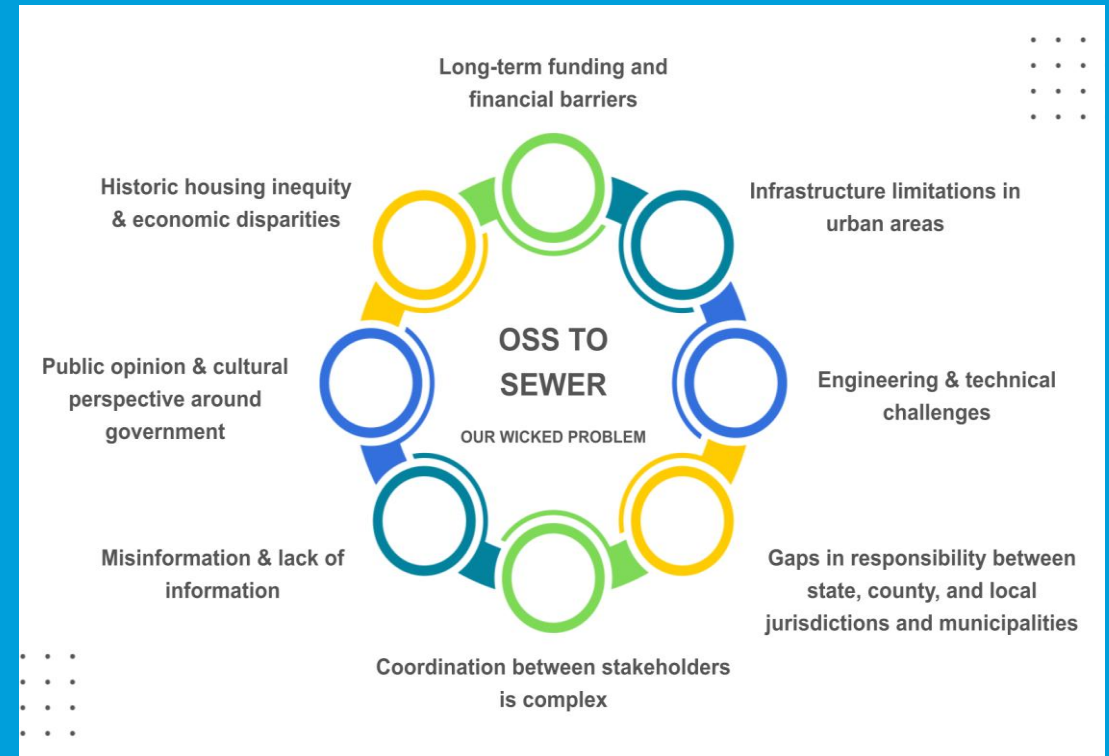
Funded pilot projects that otherwise would be unaffordable



Public Health Launched the Equitable Wastewater Futures Collaborative



Sewer districts, city planners, community representatives, and King County working together to find solutions to "wicked problem".



Collaborative Solutions to Wicked Problem

ISSUE

Lack of awareness of issue
and responsibility gap



Gaps in available information to
property owners



Limited funding sources for
infrastructure expansion



SOLUTION

Build partnerships to move
creative solutions forward

Property owner education and
community engagement

Prioritization and support for
funding applications

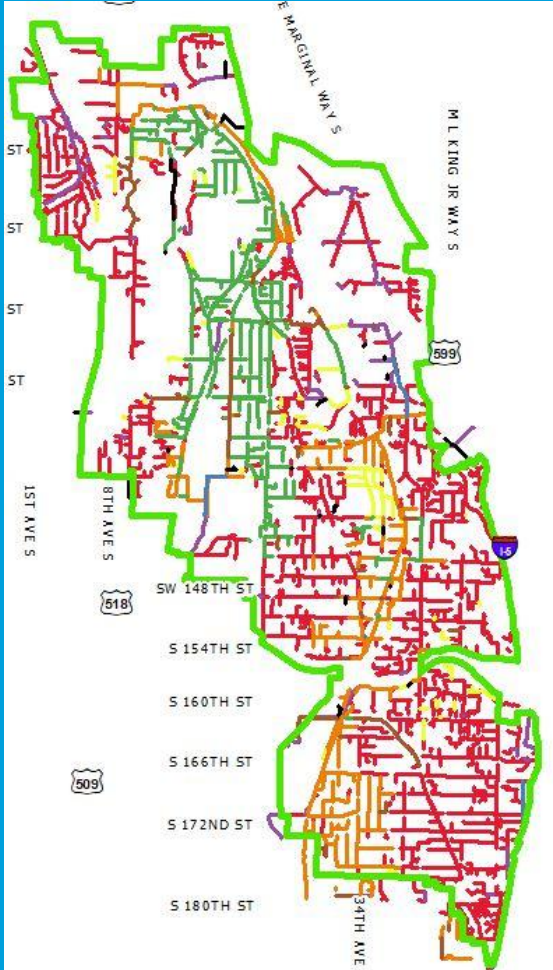
Panelist Introduction

Andrew LaRue

General Manager

Valley View Sewer District

Aging Infrastructure...a Regional Issue



Valley View Sewer District:

- 21.5 miles clay (1950s construction)
- 19.5 miles concrete (1960s construction)
- 4.25 miles asbestos cement
- ~\$150 million to rehab all sewer mainlines
- \$86 million in rehab projects are listed in Valley View Sewer District's 2023 Capital Improvement Plan



8th Ave South Estimated Connection Costs

Cost Item	Customer Costs if No Grants Were Available	With King County Grant
1. Mainline Sewer Construction (\$1.2 M / 17 Lots)	\$70,330	\$11,509
2. General Facility Charge for Valley View SD	\$7,510	\$7,510
3. King County Wastewater Capacity Charge	\$11,000	\$11,000
4. Side Sewer Construction & Septic Decommission	<u>\$12,000</u>	<u>\$12,000</u>
5. Total Estimated Cost to connect each lot to sewer	\$100,843	\$38,542
Monthly Payment (15 Years @ 3% 6%)	~\$1,085	\$330
Valley View SD Monthly Sewer Rate	\$76.67	
Total Estimated Average (Valley View SD & KC Wastewater Capacity Charge)	\$1,238	\$483

Cross-jurisdictional Public Health Issue Requires Collaborative Problem Solving



Healthy Families



Affordable Housing



Climate Change Mitigation



Clean Water Quality

Thank you!



For follow up questions: KCBOHAdmin@kingcounty.gov