



May 27, 2025

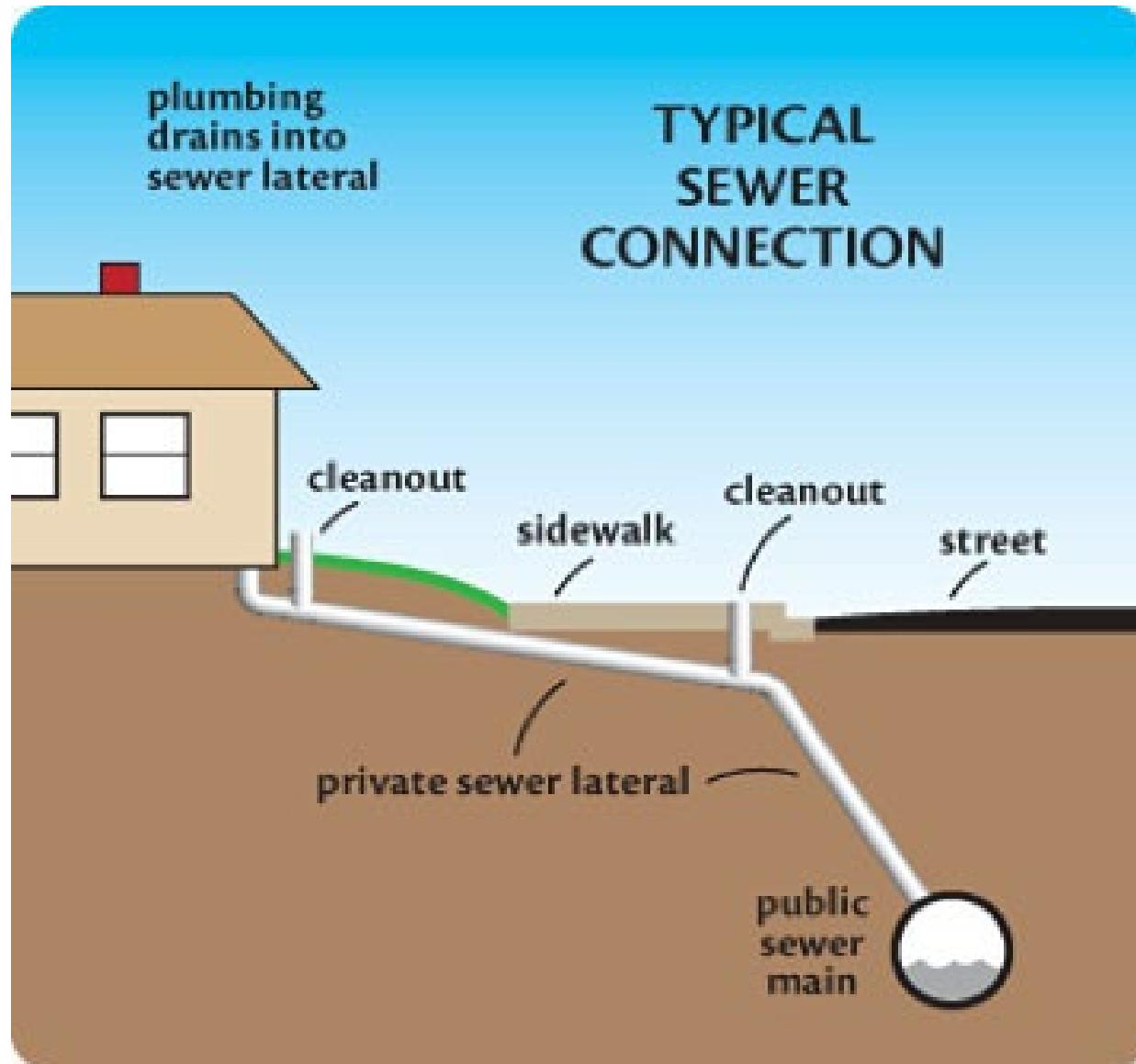
Mike Helgeson, Assistant Public Works Director



What Happens When You Flush – Virtual Tour of Wastewater



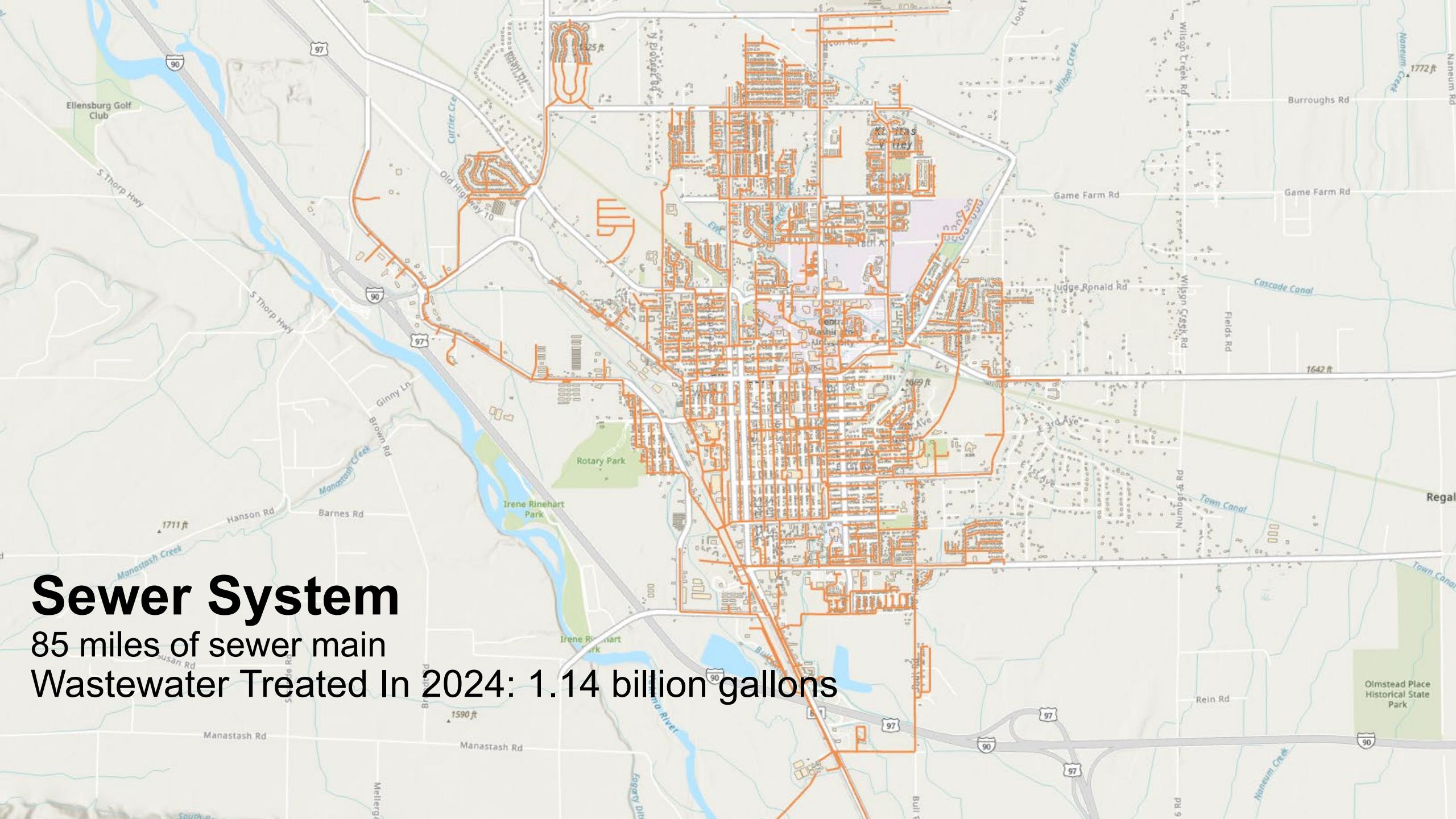
Typical Sewer Connection

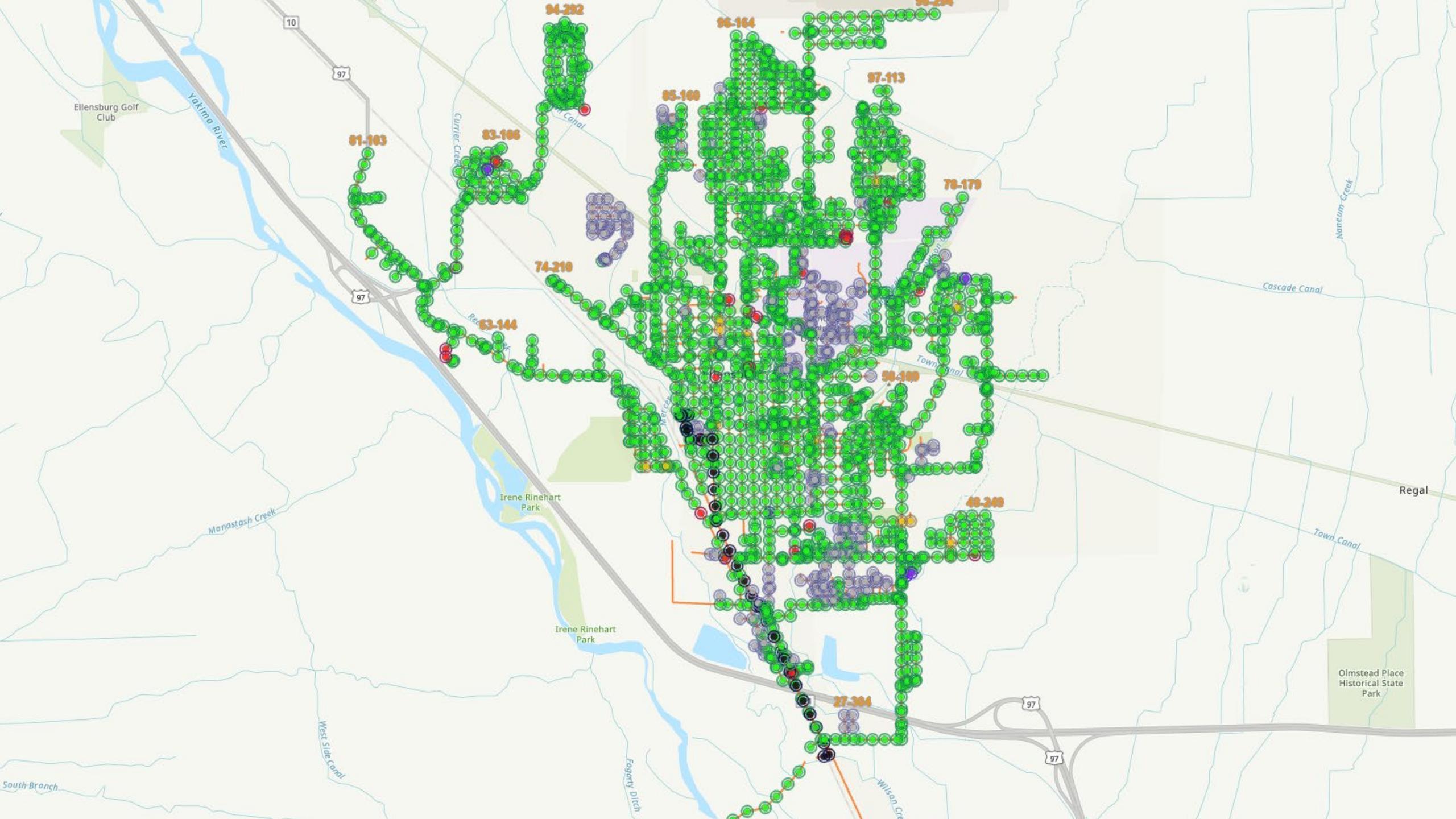


Sewer System

85 miles of sewer main

Wastewater Treated In 2024: 1.14 billion gallons





Lift Stations

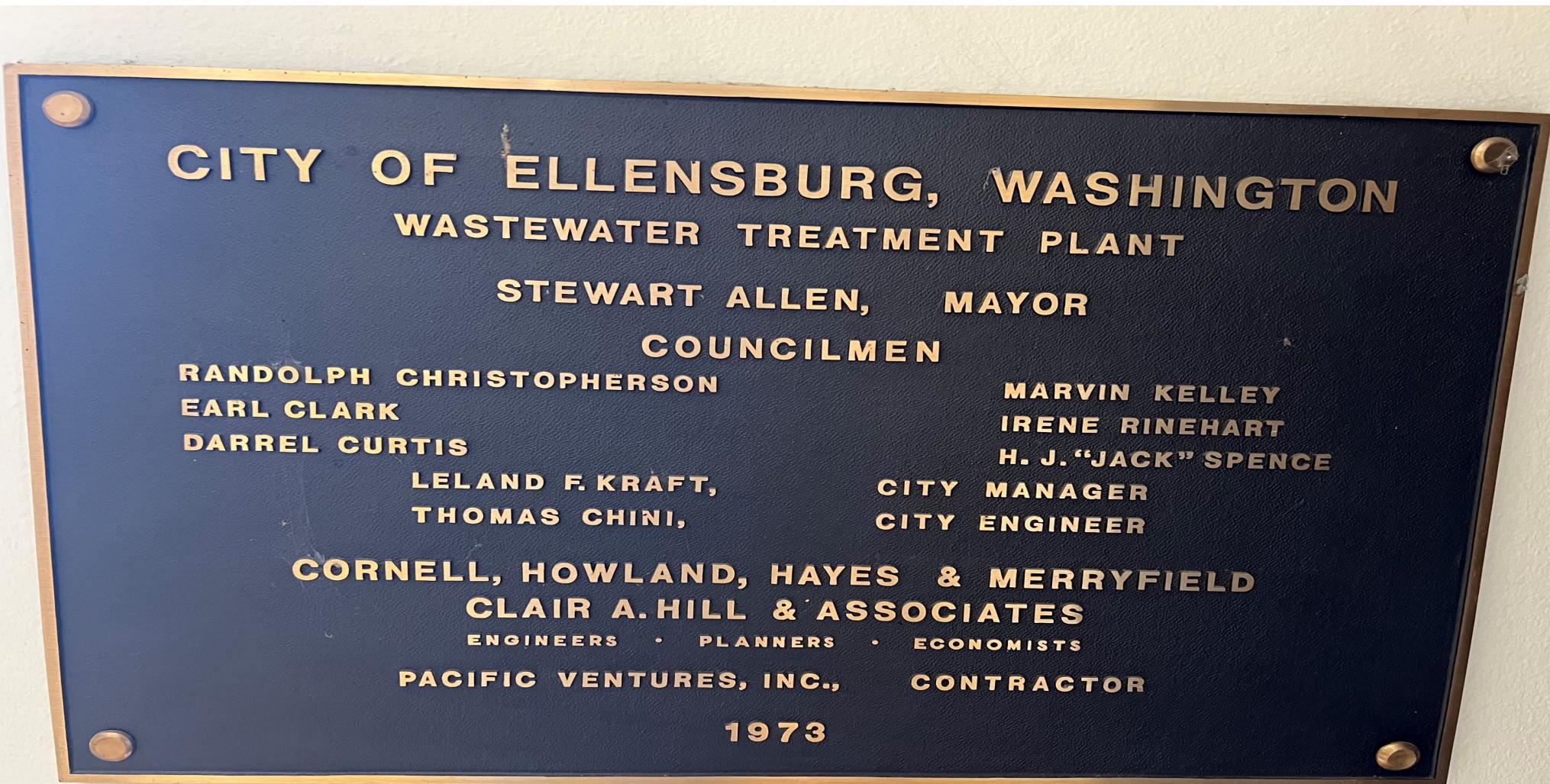




City of Ellensburg Wastewater Treatment Facility



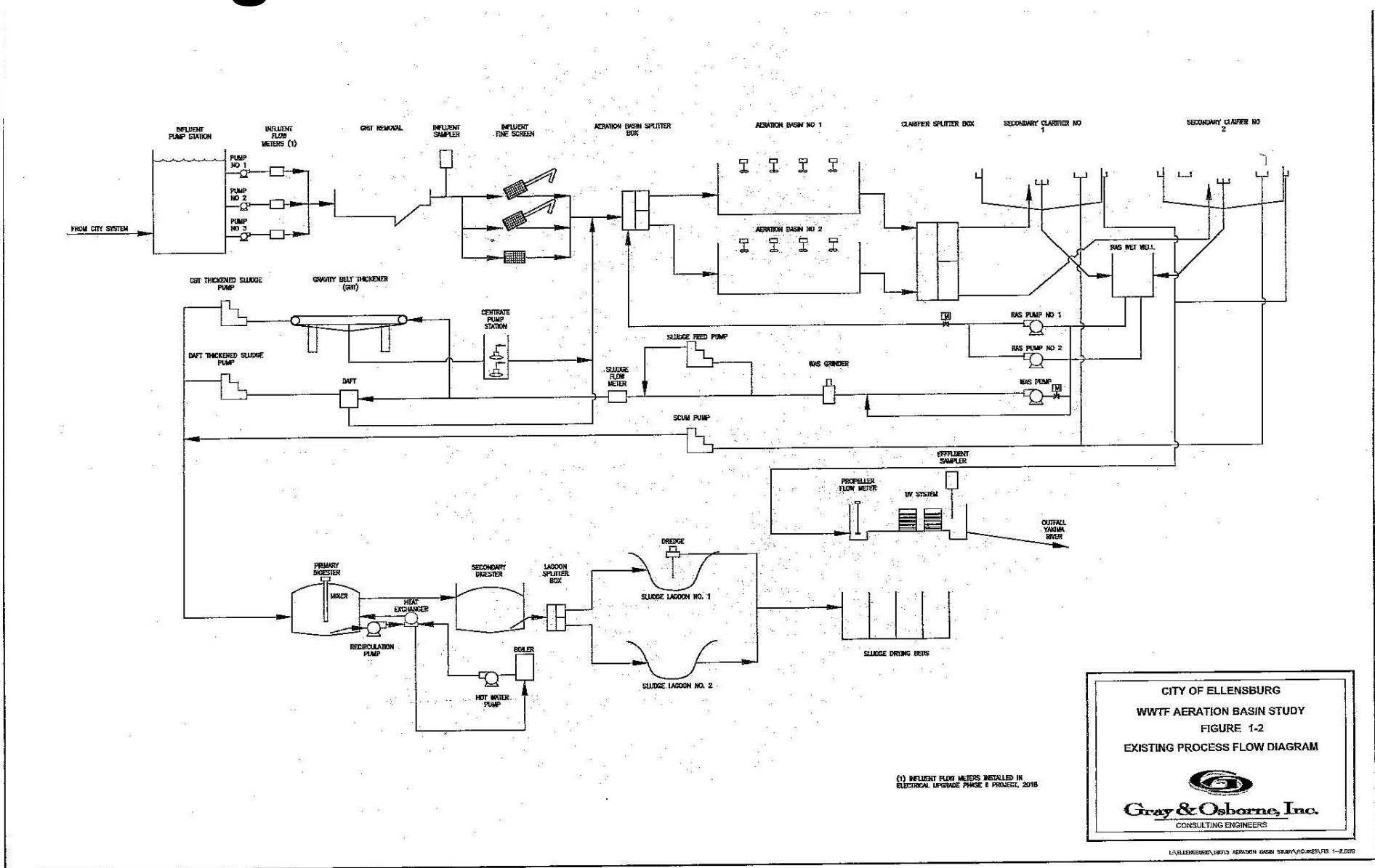
Est. 2022



Admin Building



Process Flow Diagram





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Influent Pump Station





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Headworks

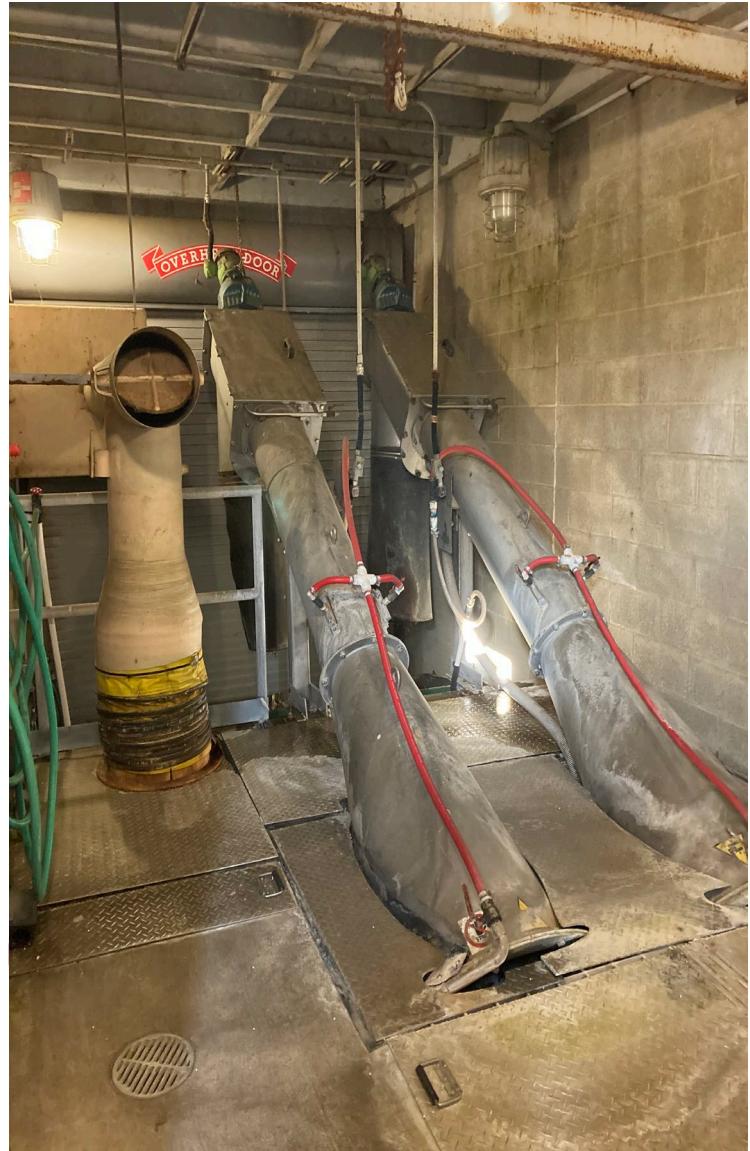


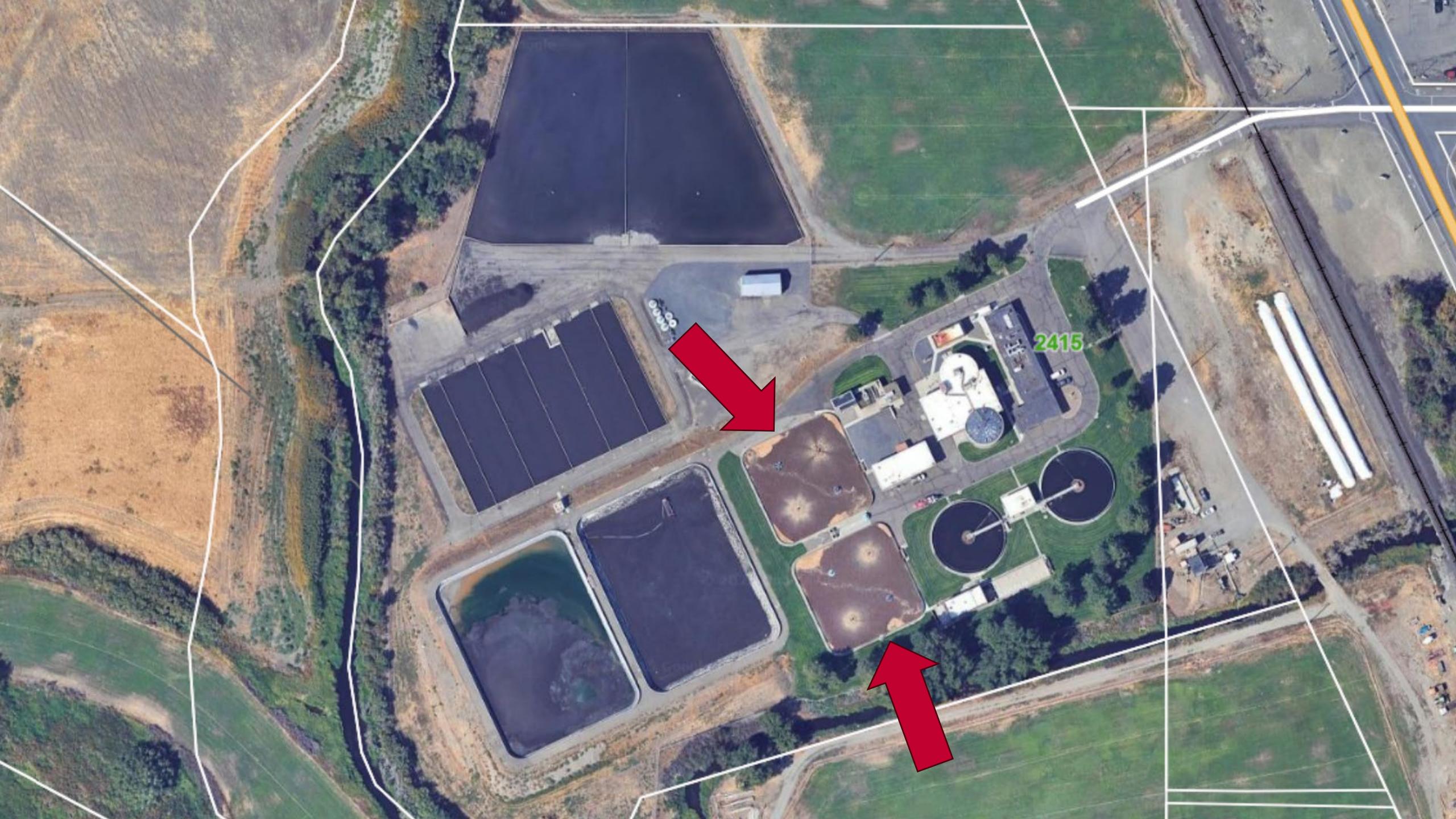


Est. 2022



Grit Removal and Fine Screens





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Aeration Basins





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Clarifiers



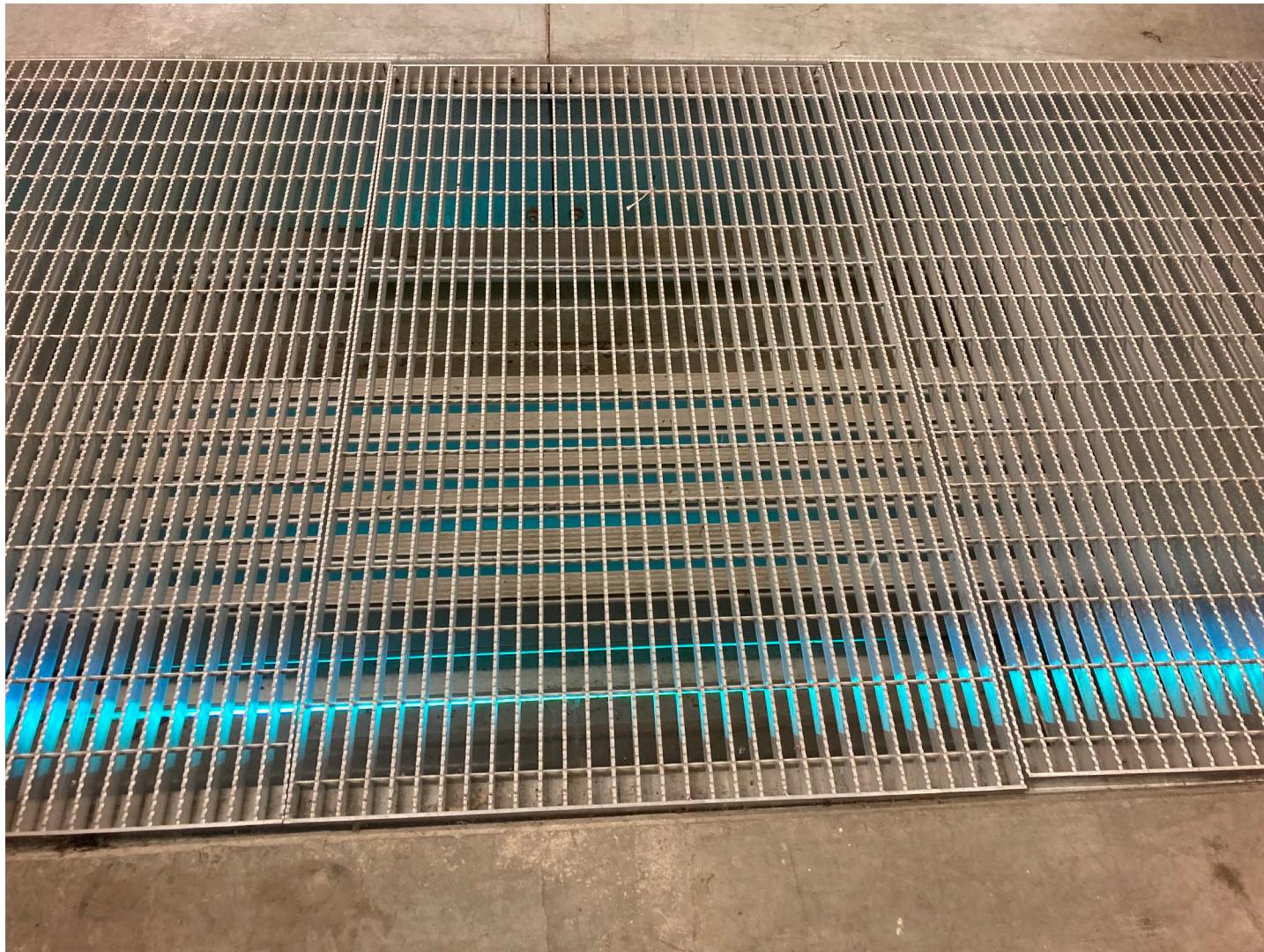


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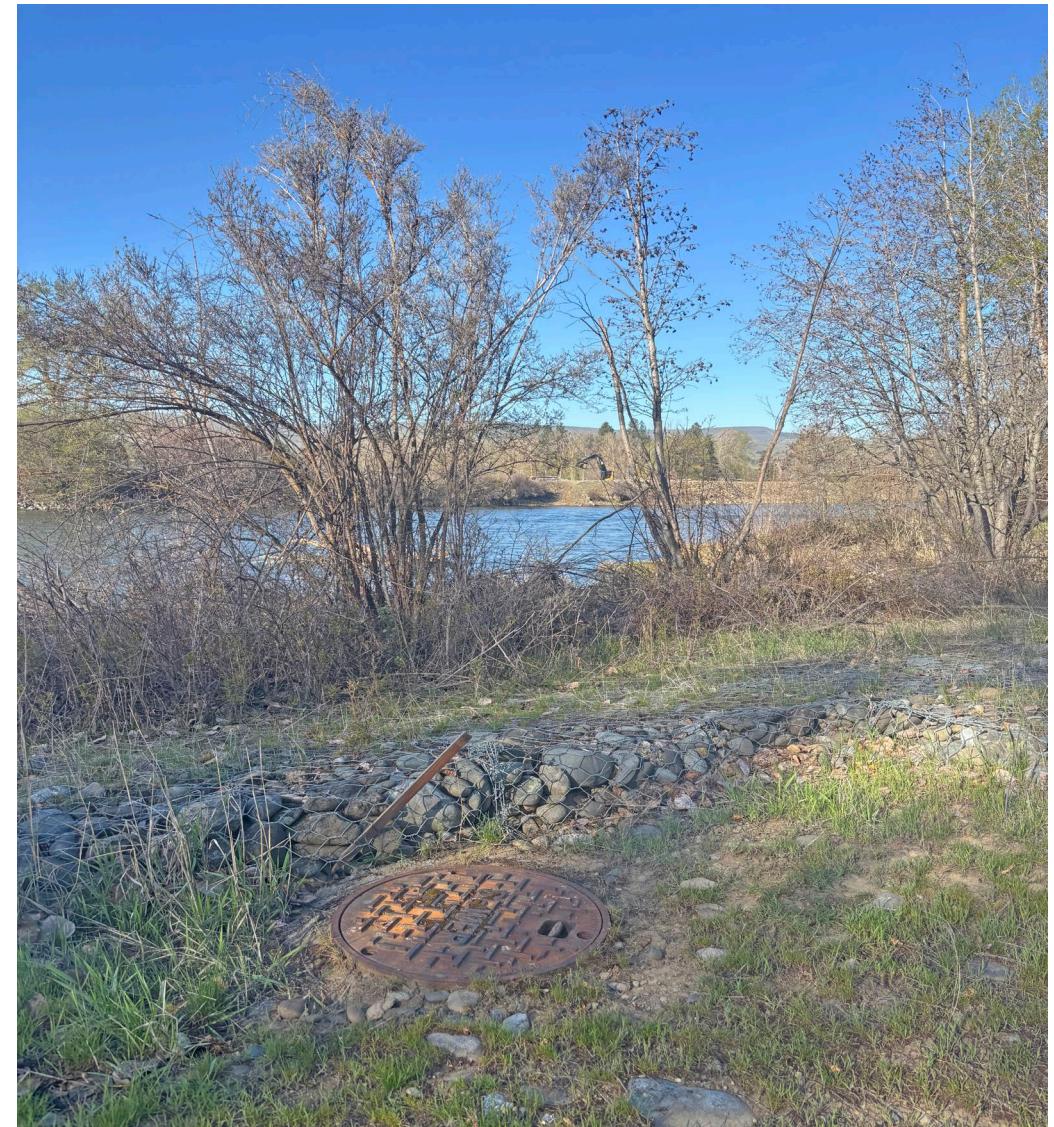
UV Building



UV Building



Outfall to Yakima River





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Polymer Tanks



Gravity Belt Thickener



Sludge



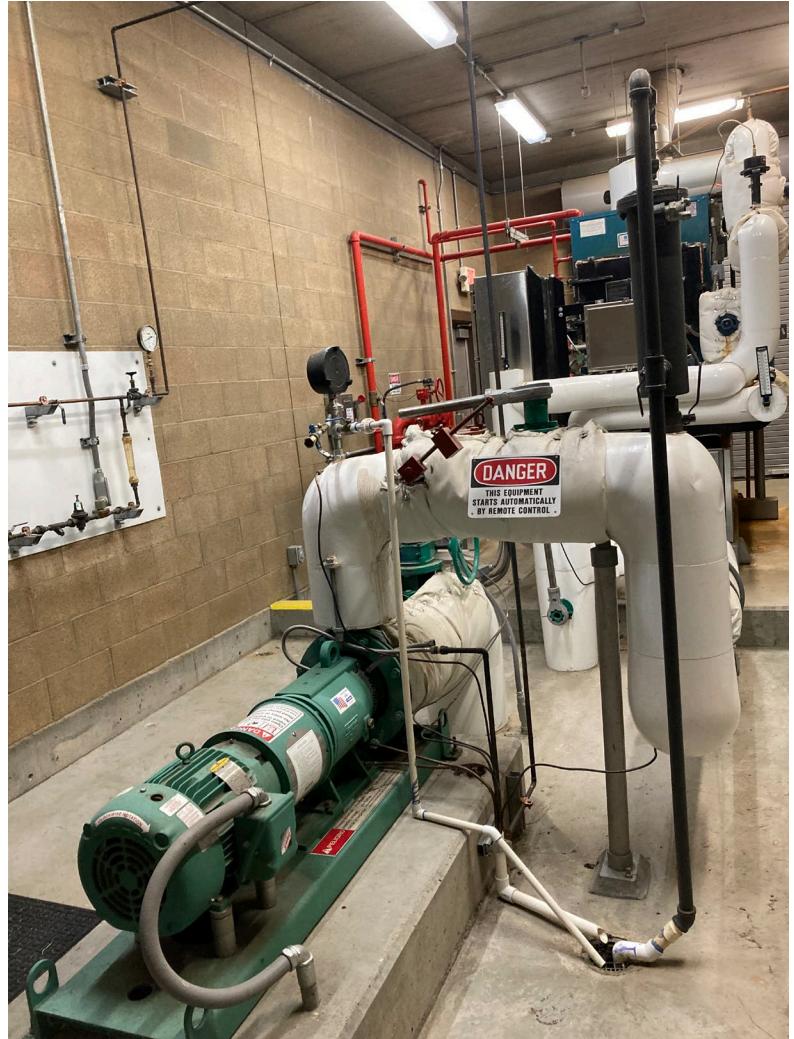
Digestors





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Boiler Room



Methane Flame



Est. 2022





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Lagoons



Dredge





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Drying Beds



The Ellensburg WWTF
produced 330 tons of
biosolids in 2024.

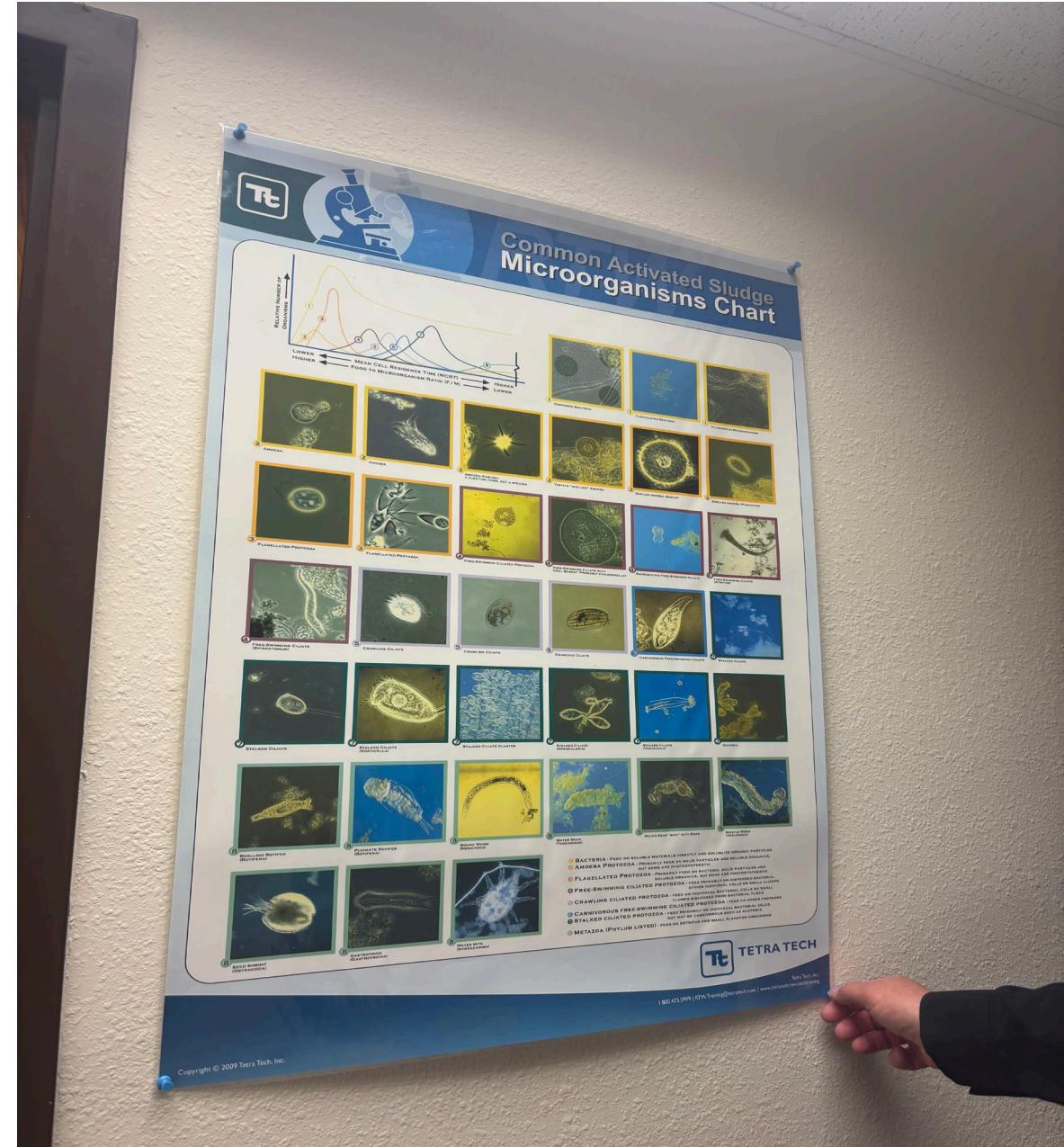
Backup Generator



Laboratory



Microorganisms Chart



Questions?

