



City of
Kelowna

WASTEWATER UTILITY RATES

October 2023



UTILITY SERVICES

- ▶ Provide essential water services
- ▶ Protect public health
- ▶ Protect Okanagan Lake and our environment

A clean Okanagan Lake is essential for our public health and our economy

WATER SECURITY

- ▶ On Feb 6, 2023, Council adopted nine (9) principles to guide the development of a Water Security Plan.
- ▶ **Principle 2:** “Protect Okanagan Lake, human health and our environment through efficient collection and effective treatment of wastewater.”



The six water sectors outlined in the City's Water Security Planning Process

WASTEWATER SERVICES

- 2 wastewater treatment facilities,
- 47 lift stations,
- Over 590 kilometers of wastewater mains



WASTEWATER SERVICES



DRIVERS AND INFLUENCERS

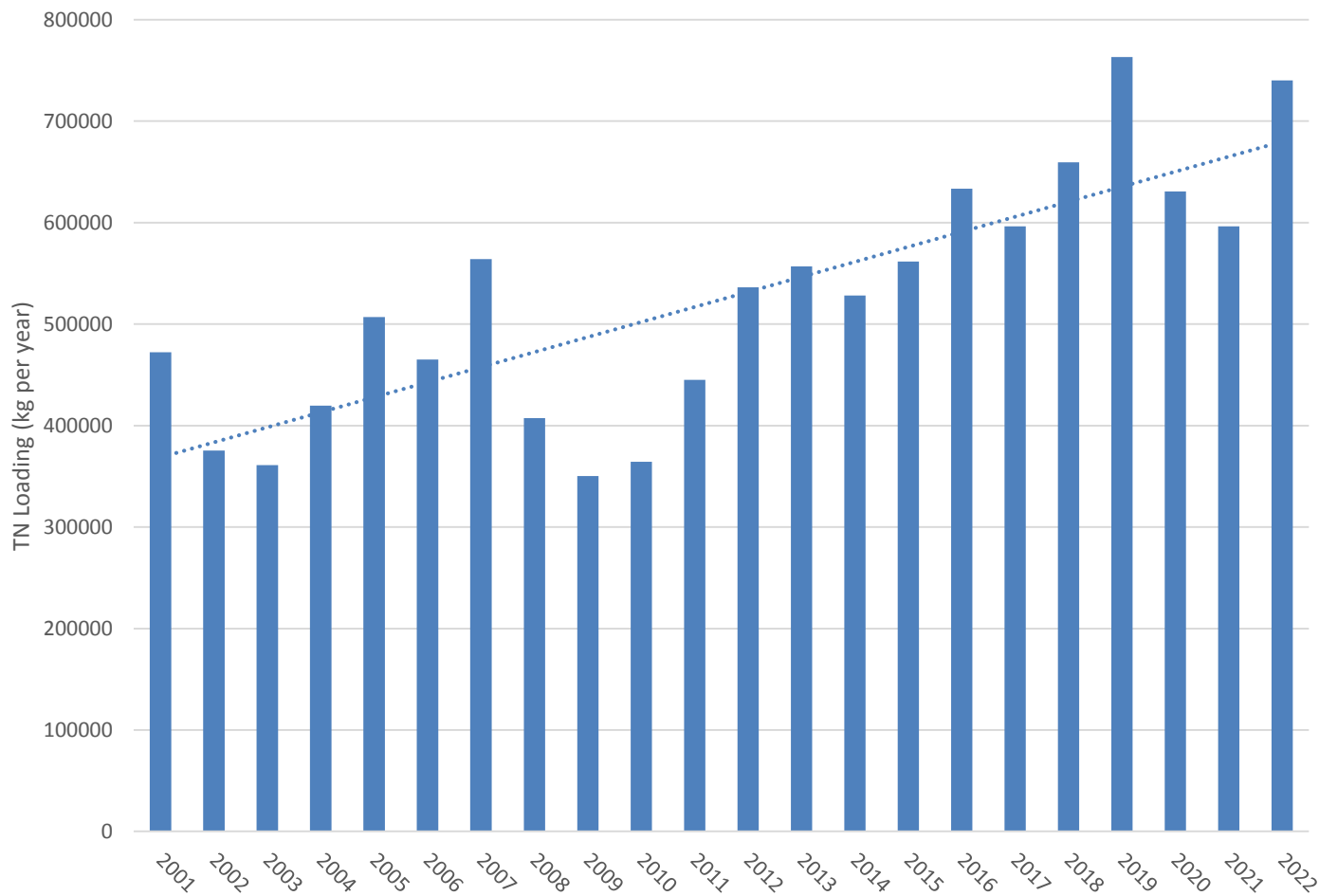
- ▶ Solids Management
- ▶ Influent Concentration
- ▶ Infrastructure Renewal

SOLIDS MANAGEMENT



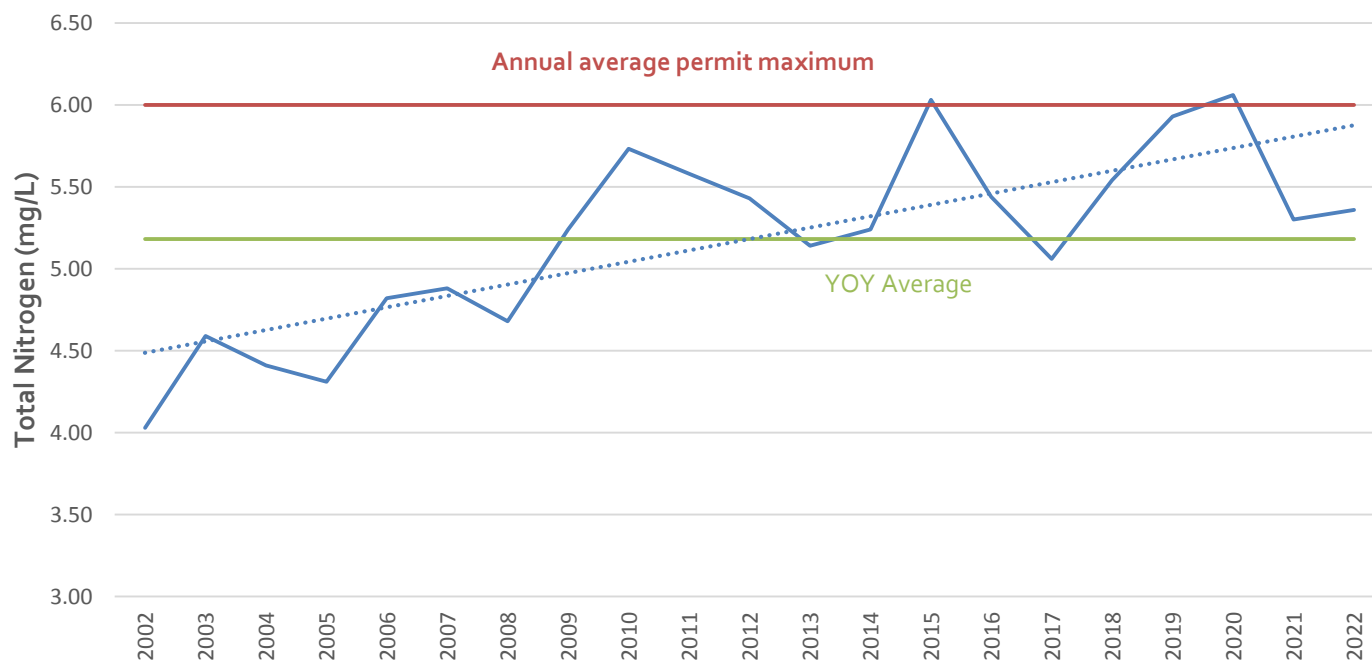
INFLUENT CONCENTRATION

Influent Total Nitrogen Loading 2001-2022

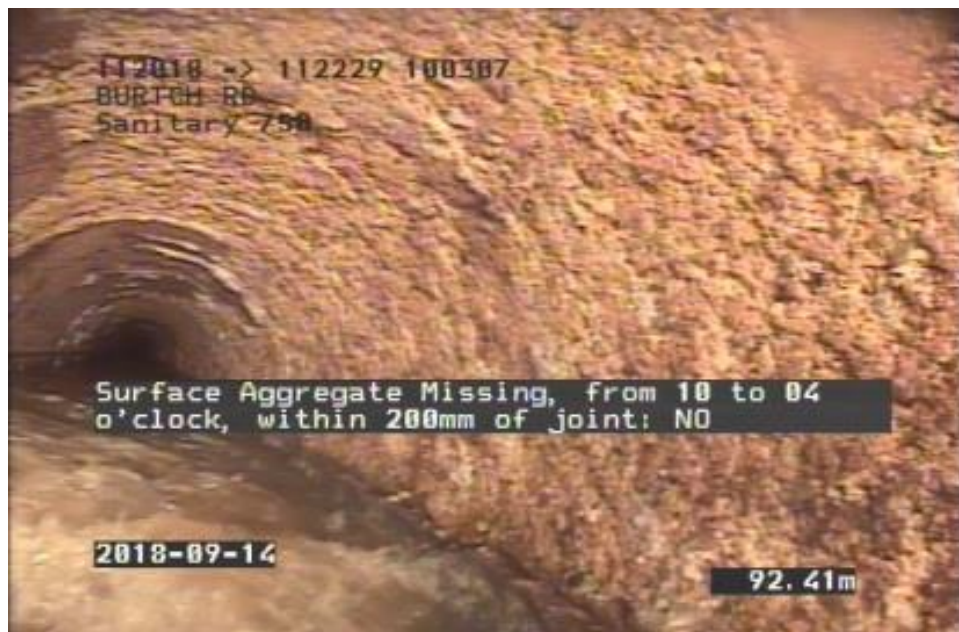


INFLUENT CONCENTRATION

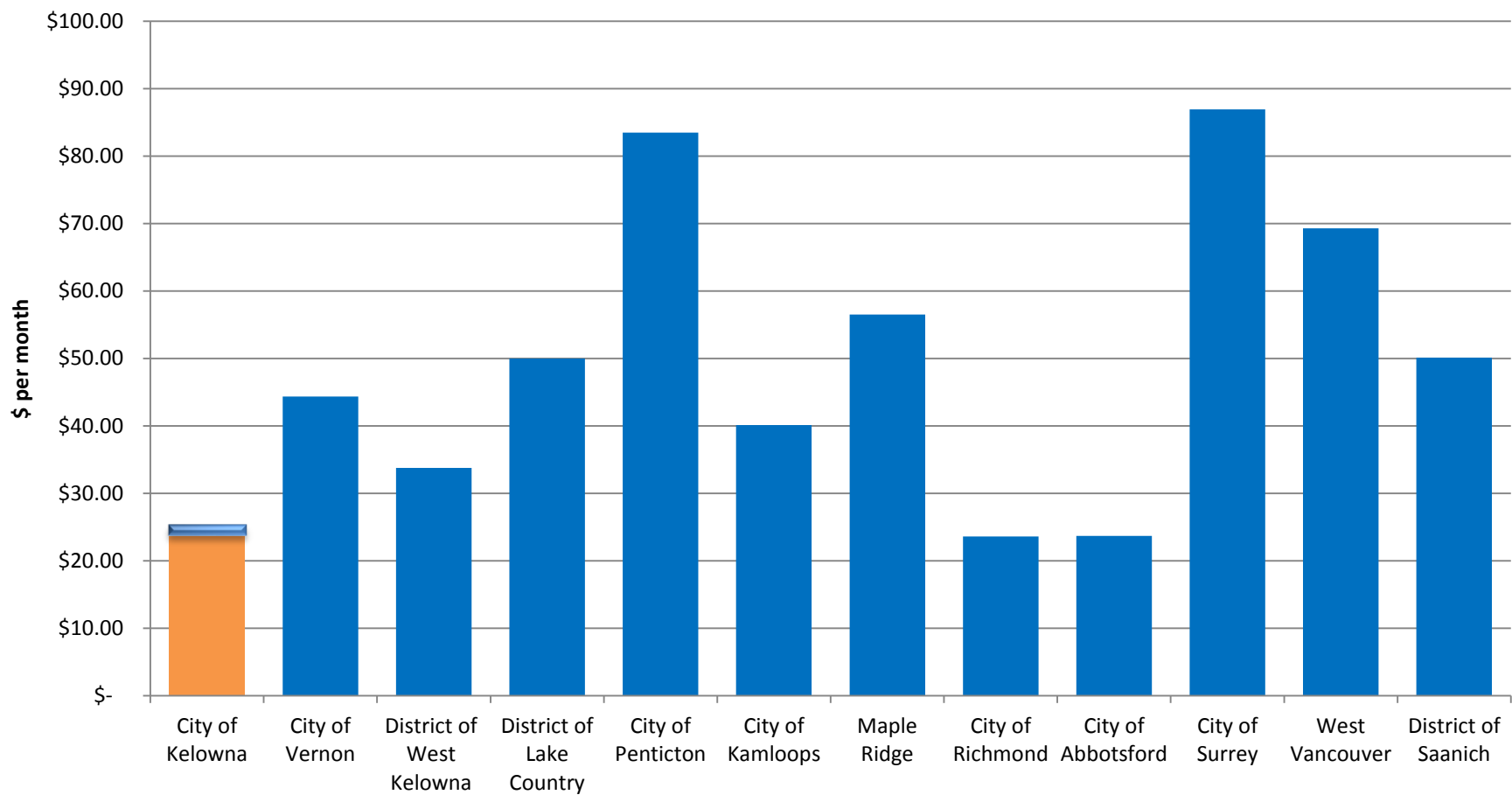
Effluent Total Nitrogen Annual Average



AGING SYSTEM - RENEWAL



2023 Single Family Dwelling Monthly Sewer Rates



DELEGATION OF AUTHORITIES

- ▶ Schedule 1 maps identify lots in Septic Removal Specified Area
 - ▶ Authority to collect Sewer Development Charge (SDC) at time of connection
- ▶ Delegation of maps to General Manager of Infrastructure will reduce future bylaw amendments.



QUESTIONS?

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Utility Services Manager
October 16th, 2023