

Pretreatment Program Update and Sewer Use Ordinance Revision

Transportation and Environment Committee

April 5, 2021

Item d. 3

Casey Fitzgerald
Senior Environmental Program Manager

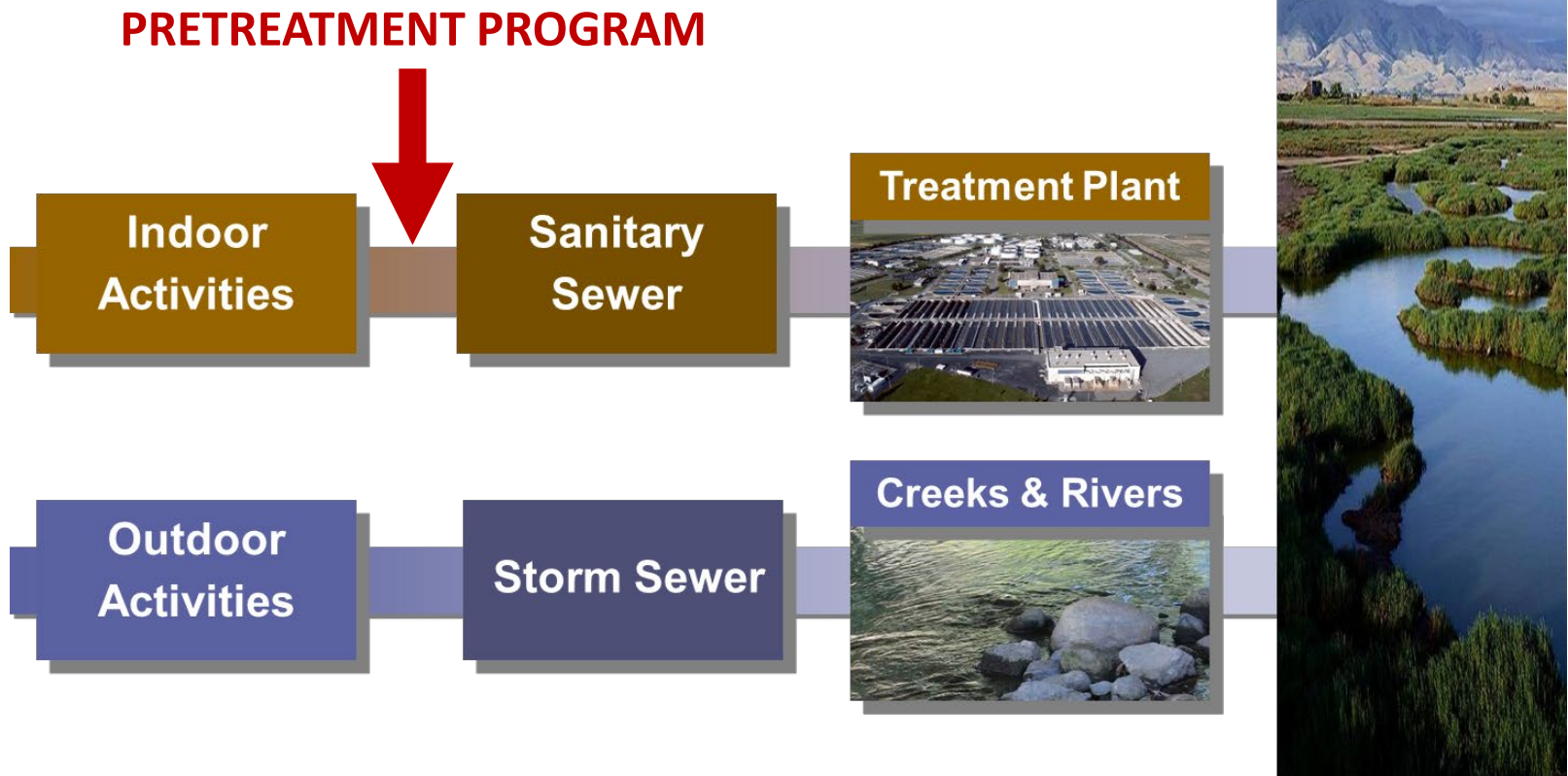


Delivering world-class utility services and programs
to improve our health, environment, and economy.

Environmental Services

Pretreatment Program Overview

- The City Maintains Two Sewer Systems



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Pretreatment Program Overview

- Why is Pretreatment Important?
 - Protect human health, environment, and infrastructure
 - Industrial pollutants can interfere with RWF operations
 - Industries are required to “pre-treat” their waste prior to discharge



Louisville, KY



Cuyahoga River, OH

Regulatory Framework

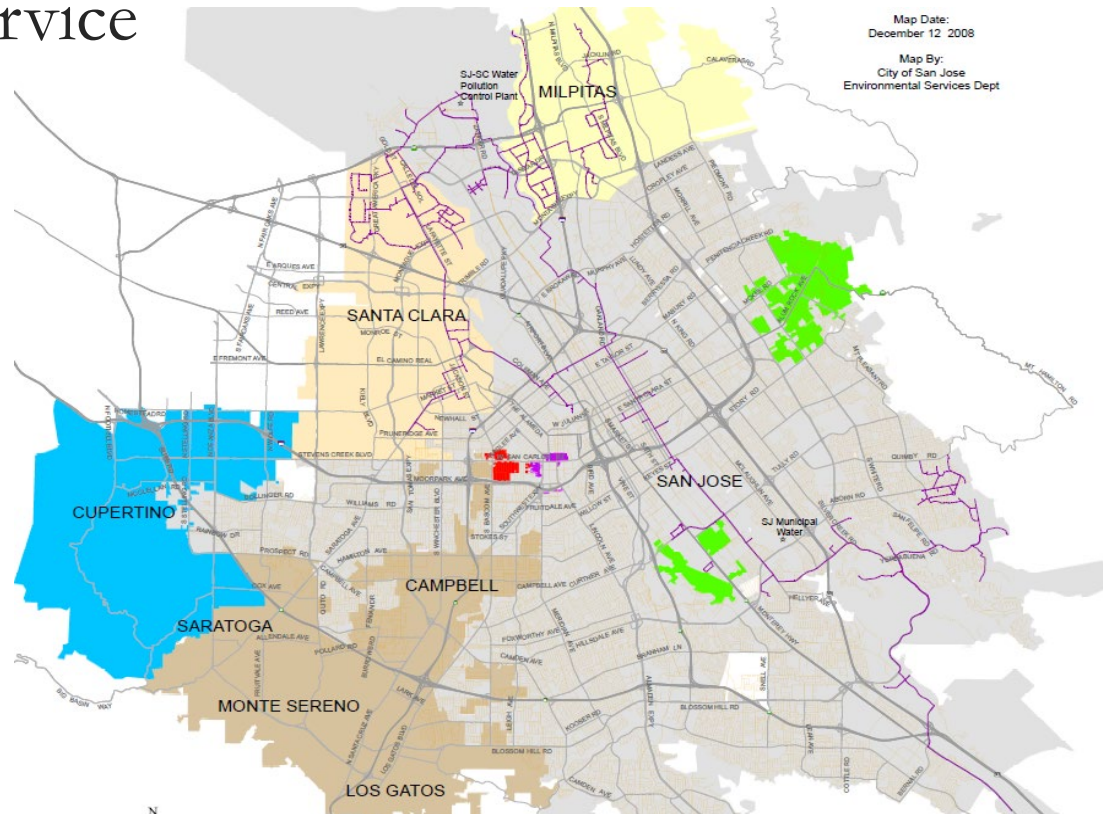
- Federal Regulations
 - Nationwide Standards
- State Regulations
 - NPDES Permitting
- Local Regulations
 - Environmentally-Based
- Regulatory Structure
 - State and Federal Regulators



The Pretreatment Program Serves Several Municipalities

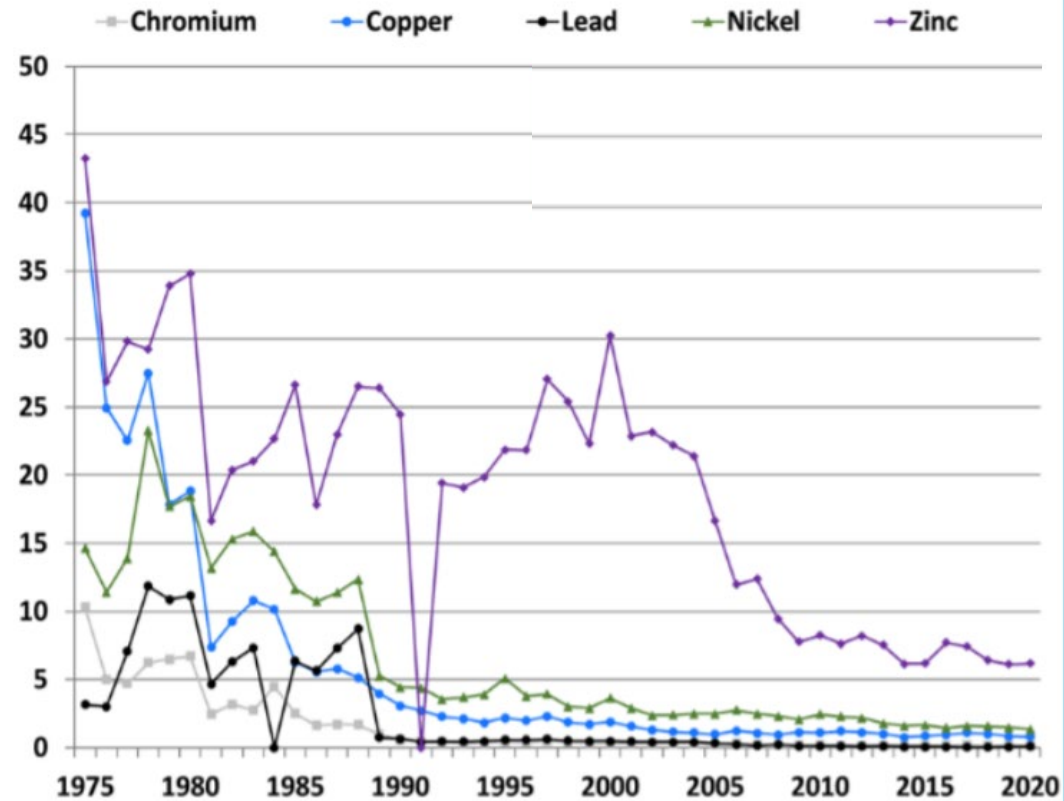
- Program administered throughout RWF Service Area:

San José
Santa Clara
Milpitas
Cupertino
Los Gatos
Campbell
Saratoga
Monte Sereno



Program History and Programmatic Elements

- Program History
- Program Elements
 - Inspection
 - Monitoring
 - Permitting
 - Reporting
 - Enforcement
 - Surveillance Operations
 - Dental Amalgam Program



Industrial Process Examples



Metal Finishing



Semi-Conductor Fabrication



Food Processing



Asphalt Manufacturing

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Regulatory Tools and Updates

- Tools
 - Enforcement Response Plan
 - Partnerships
- COVID-19 Program Changes
 - Field Operations
 - Industry Permitting
 - SOP Safety Updates



Sewer Use Ordinance Revisions

- Sewer Use Ordinance Update
 - Regulatory audit findings and administrative updates
 - SUO and Administrative Fines
- Next Steps
 - Return to Council for Ordinance Approval
 - Work with Tributary Agency Partners to update ordinances region-wide



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