

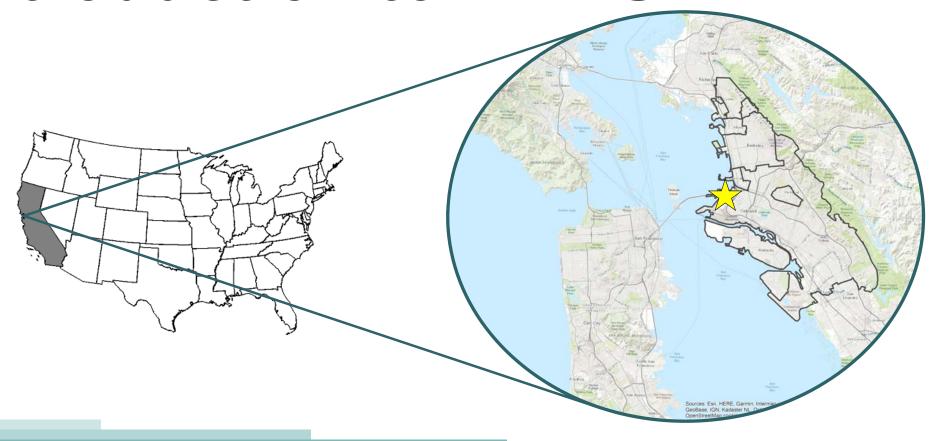


EILEEN M. WHITE, P.E. DIRECTOR OF WASTEWATER

Presentation Outline

- Maintaining Continuous Operations
 - 2 Wastewater Monitoring
 - 3 Next Steps

Introduction to EBMUD



Introduction to EBMUD



BY THE NUMBERS

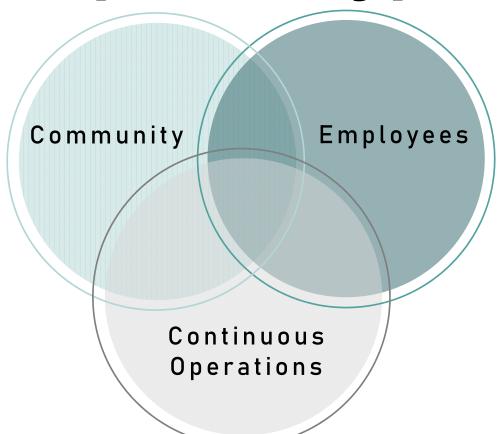
1 Wastewater Treatment Plant

700k Wastewater Customers in 2020

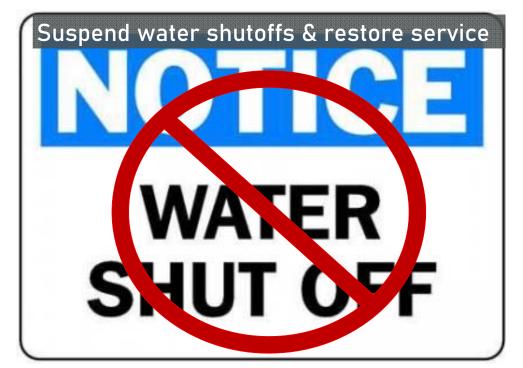
2k Total Employees

270 Wastewater Employees

Three Response Types



Community





Employees











Employees



COVID-19 Symptom Checklist

EMPLOYEE INFORMAT	ION
Employee Name: Employee Number: Employee Supervisor: Date: SELF-CHECK QUESTI 1. Within the last 10 days have y COVID-19 or had a test confir	ONS ou been diagnosed with Yes No
 Do you live in the same house close contact* in the past 14 been in isolation for COVID-1 have the virus? 	ehold with, or have you had days with someone who has 19 or had a test confirming they ore of these symptoms today or lich is new or not explained by a
Fever, chills, or repeated shaking/ shivering Cough Sore throat	Headache Shortness of breath, difficulty breathing Feeling unusually weak or fatigued Muscle pain

If your response to ANY of the questions is YES, stay home and immediately contact the Human Resources Regulatory Coordinator

All fields required. See page 2 for full instructions.

at (510) 287-0380 and your supervisor.

X-100 • 6/20

Minimize Exposure Risk

2 Improve Contact Tracing

Social Distancing













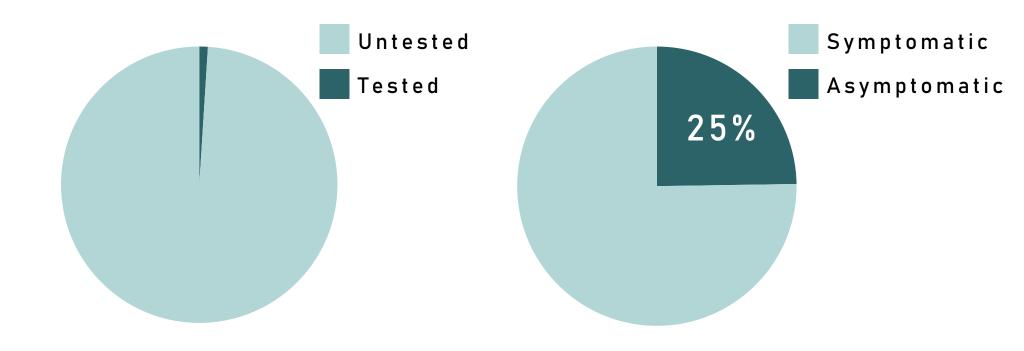


Homemade Hand Sanitizer

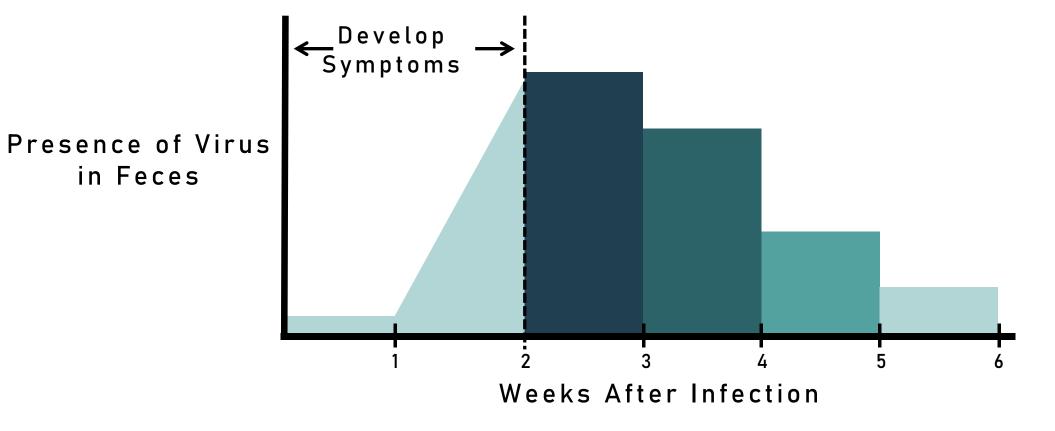




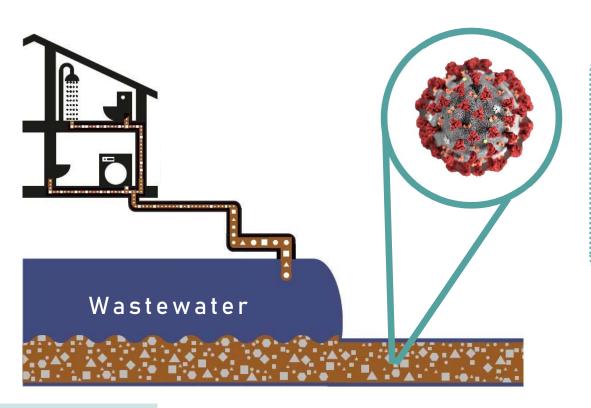
Problem



Solution



Sewage Signal



HIGHLIGHTS

Research groups across the globe have started analyzing sewage signals

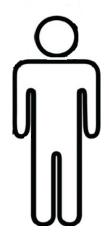
The virus has been detected in wastewater before cases were confirmed:

Mid-December: Italy Mid-January: Spain

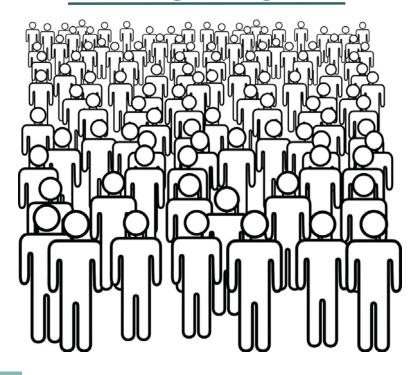
Early February: Netherlands

The Impact of One Test

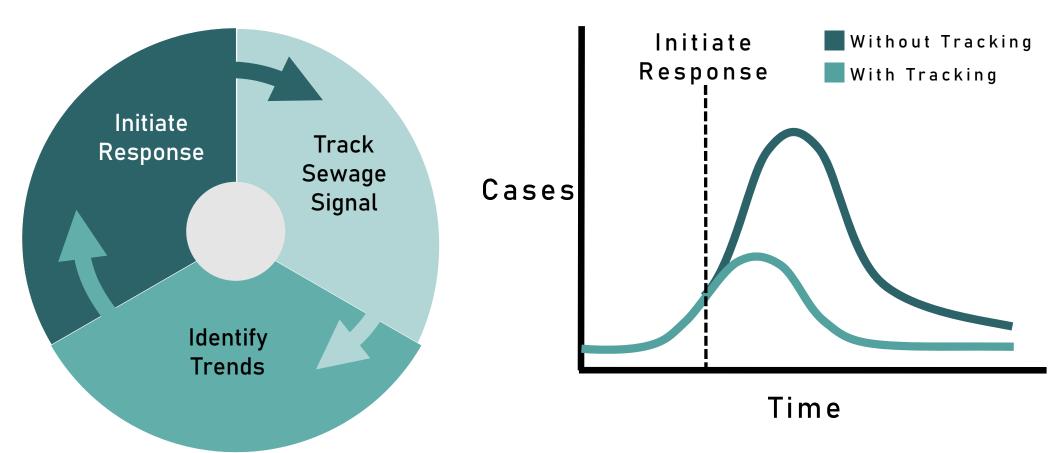
Conventional Testing



Sewage Signal



How To Use the Sewage Signal



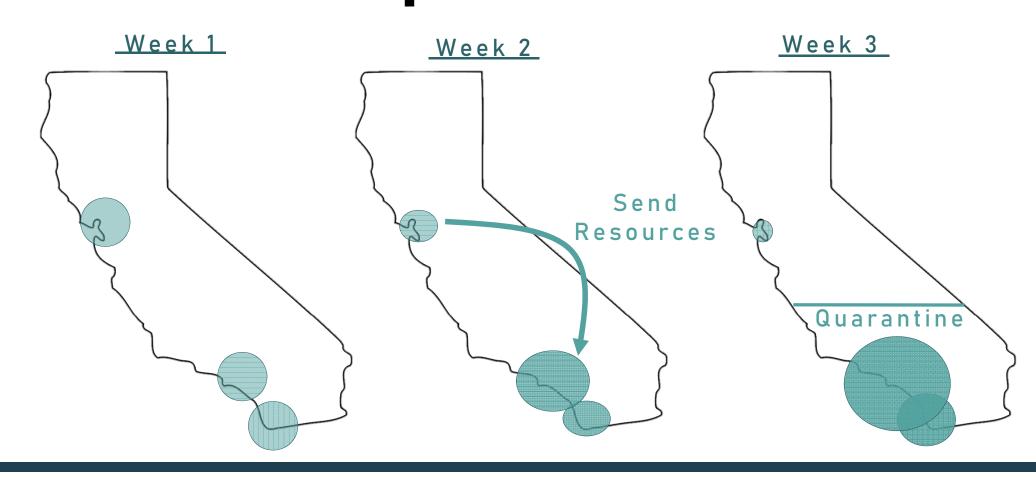
EBMUD's Collaboration



Start Small, Think Big



Potential Impact



Sampling



Sampling





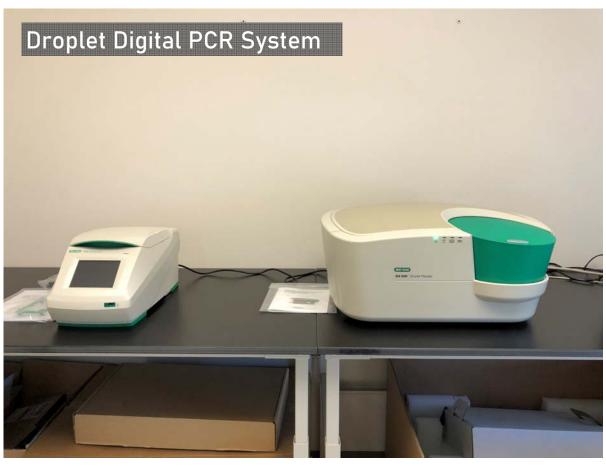




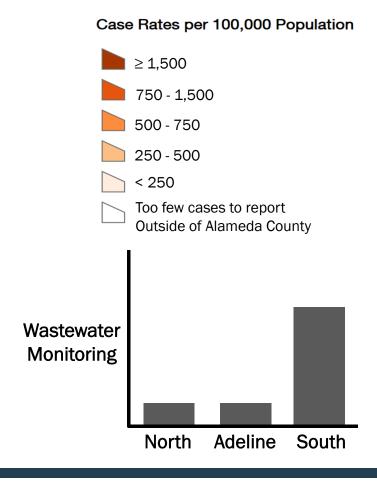


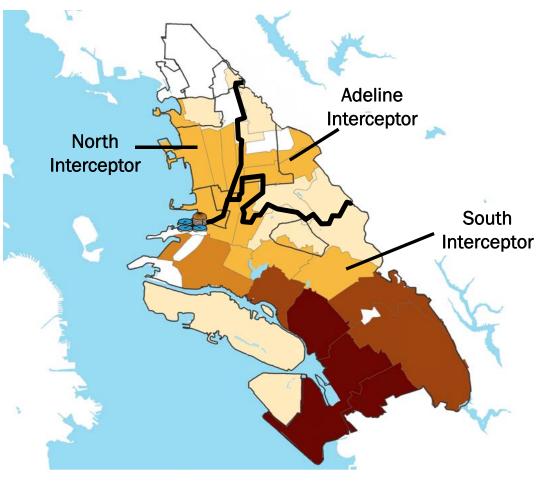


Analysis



Results





Fiscal Impacts

FY20



FY21



Fiscal Impacts









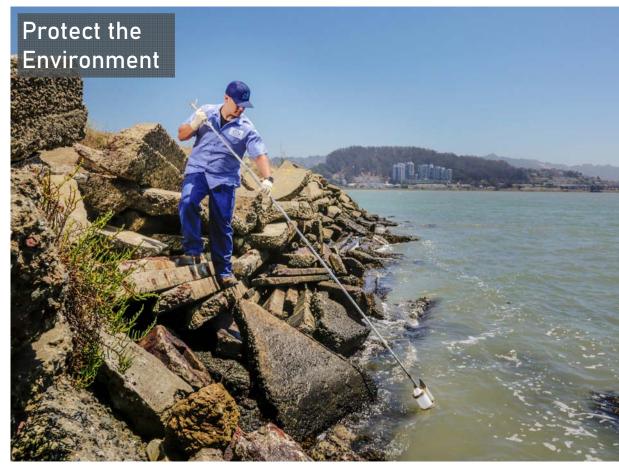




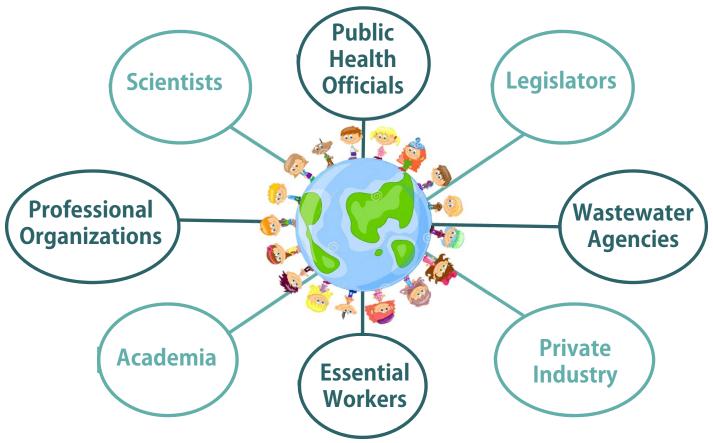
Priorities Are the Same







Collaboration is the Key



Thank you! Any questions?

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