



*EAST BAY MUNICIPAL UTILITY DISTRICT*

# **EBMUD Lead in Drinking Water Plans**

Planning Committee  
January 10, 2017

# Outline

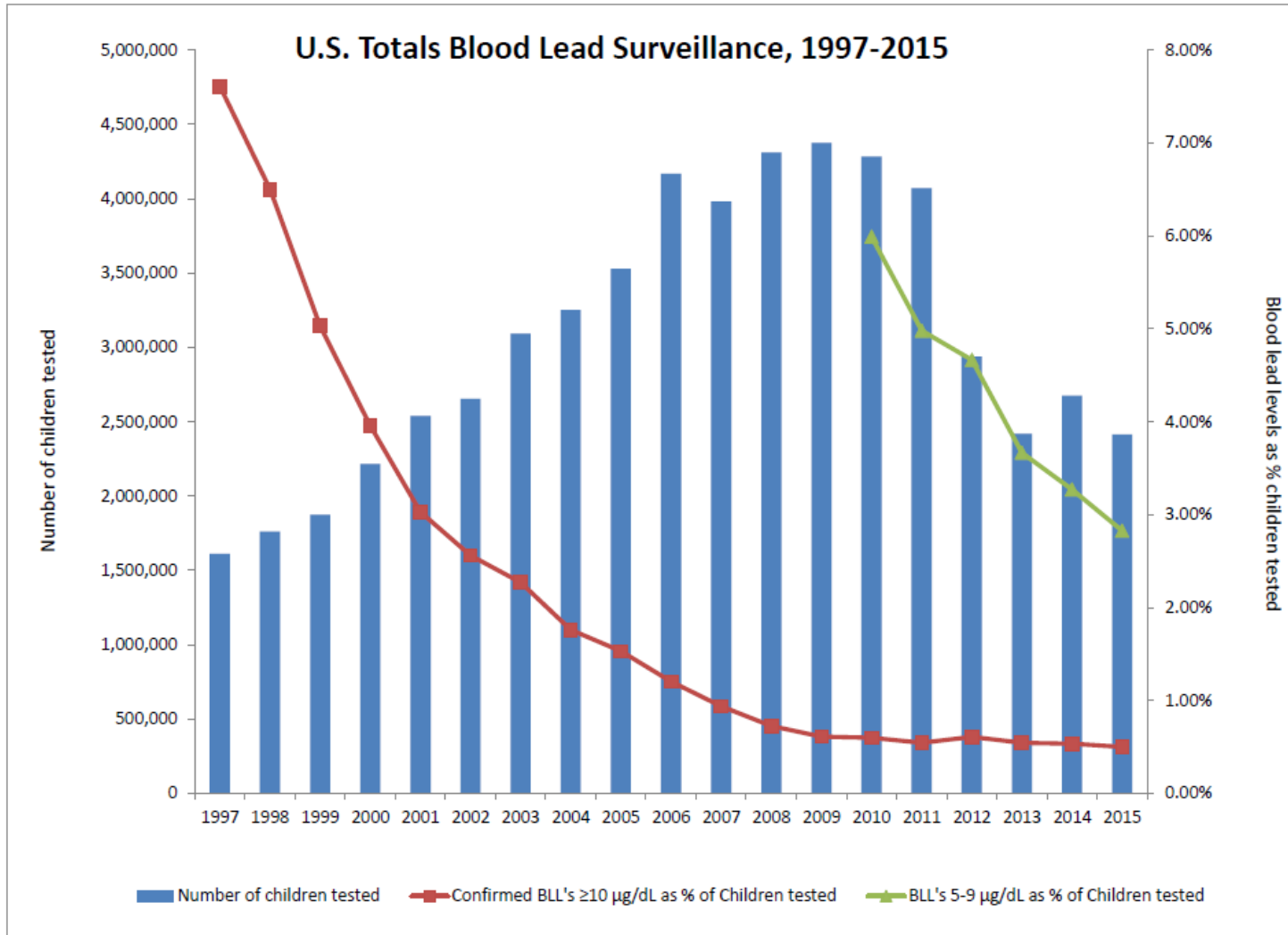


- Background
- Fruitvale
- Customer Lead Tap Sampling Program
- Lead Service Line Replacement Program
- School Lead Tap Sampling Program
- Summary

- District's Lead Activities
  - 1980's began removal of lead service lines
  - Legislation to remove lead from plumbing materials
  - Corrosion control study
  - Compliance with Lead and Copper Rule (LCR) since 1992

- Reuters (Pell and Schneyer)
  - December 19, 2016
  - Children’s Blood Lead Levels
  - Soil, Paint, and Water (Flint, MI)
- SFGate (Dowd)
  - December 28, 2016
  - Fruitvale

# Blood Lead Surveillance



# Customer Contacts



- Responded to 19 customer calls
  - Offered to test water for lead at no cost
- 12 customers requested lead tap sampling
- Began distribution of sample kits on January 4, 2017
- Results due back in two weeks

# Media Outreach 12/29/17



- Coordination with Alameda County Public Health, City of Oakland
- Media Advisory
- Media Interviews

**EAST BAY MUNICIPAL UTILITY DISTRICT**  
375 11th Street • Oakland, CA 94607 • 510-287-0138 • After Hours 1-866-403-2683

**NEWS**

**Contact: Jenesse Miller 510-287-0138**

December 29, 2016

**MEDIA ADVISORY**

**Elevated lead levels in Fruitvale neighborhood children**  
*Alameda County Healthy Home Department suggests source of lead is paint and soil; not tap water.*

**WHAT:** A recent Reuter's media story is reporting elevated levels of lead in children in Oakland's Fruitvale neighborhood. As a provider of water and wastewater services that support the East Bay's public health, EBMUD shares our communities' concern about lead's impact on public health. Alameda County's Healthy Homes Department, the county's Lead Poisoning Prevention Program, has found that the most common sources of lead in area homes is paint and soil, not water.

EBMUD provides high quality tap water to 1.4 million people in the East Bay. Extensive testing shows that our water meets or surpasses all federal and state drinking water requirements, including the U.S. Environmental Protection Agency's Lead and Copper Rule. In addition, the District has an active corrosion control program in place since the 1930s to prevent

## EAST BAY EXPRESS

OAKLAND, BERKELEY, AND EAST BAY NEWS, EVENTS, RESTAURANTS, MUSIC, & ARTS

THURSDAY, DECEMBER 29, 2016

### Oakland's Toxic Lead Contamination Isn't in the Water. It's in the Buildings and Dirt, and It's Bad.

By Darwin BondGraham

Email Tweet Share 4.8K Print 72 points

According to a recently published [Reuters report](#), Oakland's Fruitvale neighborhood is one of 3,000 U.S. communities with lead contamination worse than Flint, Michigan. But whereas Flint has been the subject of international media scrutiny, lead pollution in places like Fruitvale remains mostly unexamined.

That is, until Reuters' review of public lead contamination data prompted

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### Agency says Fruitvale's source of elevated lead isn't water



Agency says Fruitvale's source of elevated lead



# Customer Lead Tap Sampling



- Developing a pilot customer tap sampling program
- Voucher system
  - Independent
  - Unknown impact to District sources
  - Contract laboratory



# Customer Lead Tap Sampling



- RFP released in December 2016
  - Evaluating proposal
- Board consideration January 24, 2017
- Program start February 2017

# Lead Service Line Replacement



- **Began removing lead services in 1980's**
- **SB 1398 (Public Water Systems: lead user service lines; Sept 2016)**
  - Initiated records review
- **Electronic record system**
  - Data entry
  - Completion by 2018
- **Replaced 11 to date**
  - Post replacement lead: 0.32 to 470  $\mu\text{g/L}$ ; 2 of 11  $>15 \mu\text{g/L}$
  - Most recent sample 470  $\mu\text{g/L}$  reduced to 9.6  $\mu\text{g/L}$
  - Bottled water or filter offered to customer post replacement

# School Lead Tap Sampling



- SWRCB DDW Permit Amendment
  - All Community Water Systems serving K-12, public, private, or charter schools
  - 60 day response
  - 90 day to completion
- Must develop and execute sampling plan for each school upon request
- Conduct repeat sampling if necessary

# School Lead Tap Sampling



- Report results to DDW and school
- 640 accounts related to K-12 schools
- Estimated program costs \$3 million
- District lacks resources to implement
  - Evaluating adding staff or contracting out to comply with requirements

# Next Steps



- Select contractor for customer tap sampling program
- Continue with lead service line replacement program
- Wait for release of permit amendment before initiating a lead drinking water sampling program for K-12 schools