

Soil Sampling Results

Preliminary Investigation Area (PIA)

Date: October 14, 2016

Version: 1.1

EXIDE
CLEANUP

LIMPIEZA
DE PLOMO

Background

- The California Department of Toxic Substances Control (DTSC) is testing for lead in soil, which may have been contaminated by Exide Technologies facility operations in Vernon, California. This includes areas of Boyle Heights, East Los Angeles, Commerce, Huntington Park, Bell, Vernon, and Maywood.
- DTSC is testing soil at residential properties, schools, daycare centers, and parks in a 1.7-mile radius of the former Exide facility, which contains approximately 10,000 parcels and is referred to as the Preliminary Investigation Area (PIA). DTSC plans to complete this sampling in the summer of 2017.
- Properties with the highest levels of lead in the soil, and greatest potential for exposure, will be cleaned up after DTSC has completed the necessary environmental reviews (estimated summer 2017).

What Do These Charts and Maps Show?

- These charts and maps show results of lead testing in soil at 2,711 properties within 1.7 miles of the former Exide facility, as of July 31, 2016. Soil samples are taken at about 15 locations on each property.
- This data represents the top 3 inches of soil, which presents the greatest potential for exposure to children and families. Additional soil samples are taken down to 18 inches deep, and that data is not represented here.
- Lead concentrations at properties are shown as a 95% UCL (Upper Confidence Level), which takes into account all the sampling locations on a property, and is more health protective than averaging the samples.

Lead Screening Levels and Prioritizing Cleanup

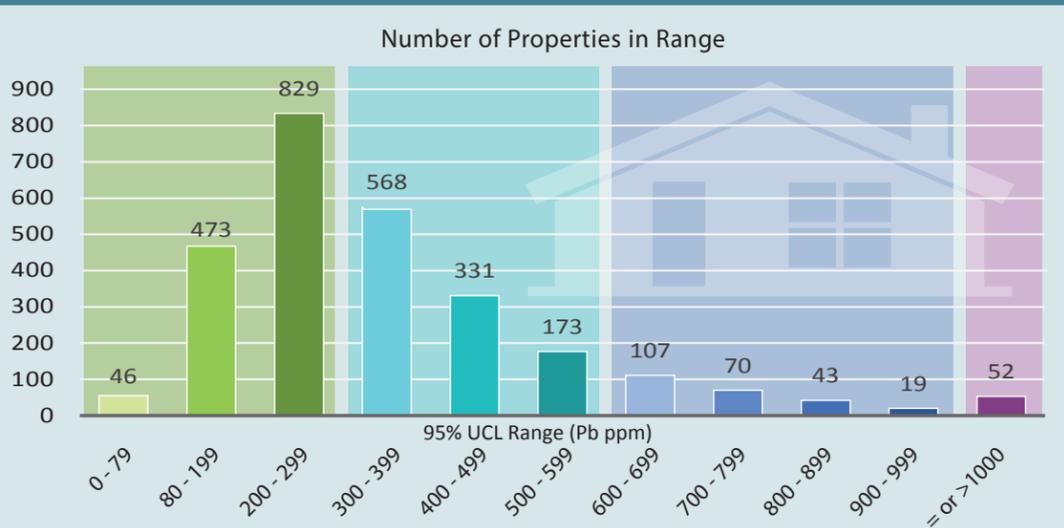
- California's health screening level for lead in soil is 80 ppm. Properties above this value should be evaluated further for potential exposure to vulnerable populations such as children and pregnant women.

- Applicable standards define lead-contaminated soil as bare soil that contains between 400 ppm and 1,000 ppm of lead in soil in children's play areas or 1,000 ppm in all other areas.
- Lead soil concentrations will be used to prioritize properties for cleanup.

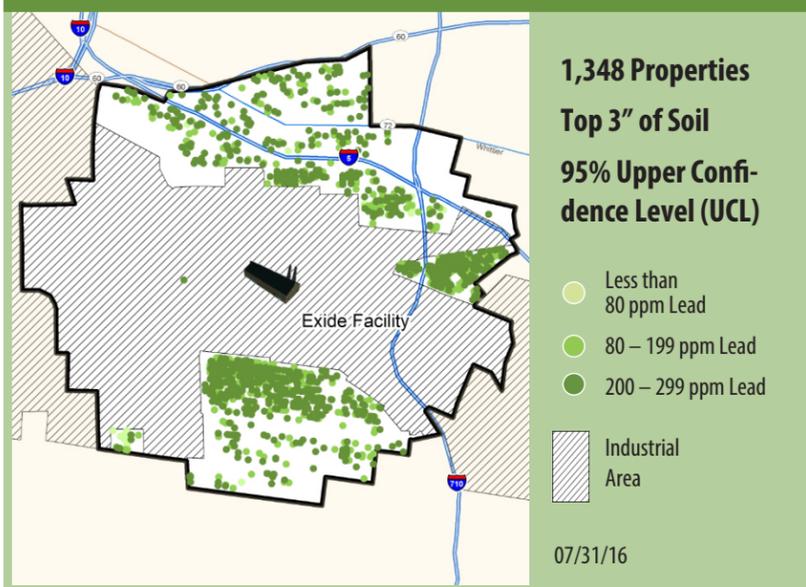
Summary of Sampling Results

- 2% of properties have soil lead concentrations less than 80 ppm.
- 69% of properties have soil lead concentrations between 80 ppm and 400 ppm.
- 27% of properties have lead soil concentrations between 400 ppm and 1,000 ppm, which may be hazardous in bare soil in areas where children play.
- 2% of properties have lead concentrations over 1,000 ppm, which may be hazardous in all areas.

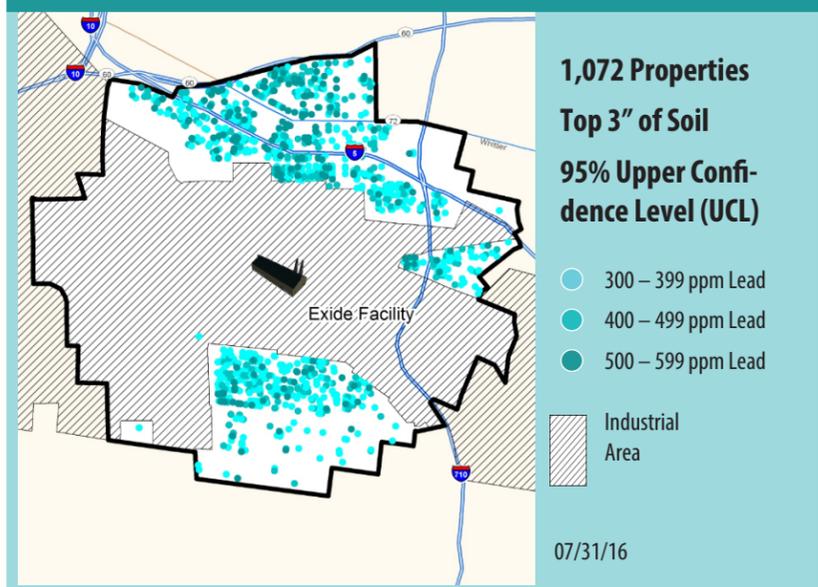
Lead Soil Concentrations at 2,711 Properties



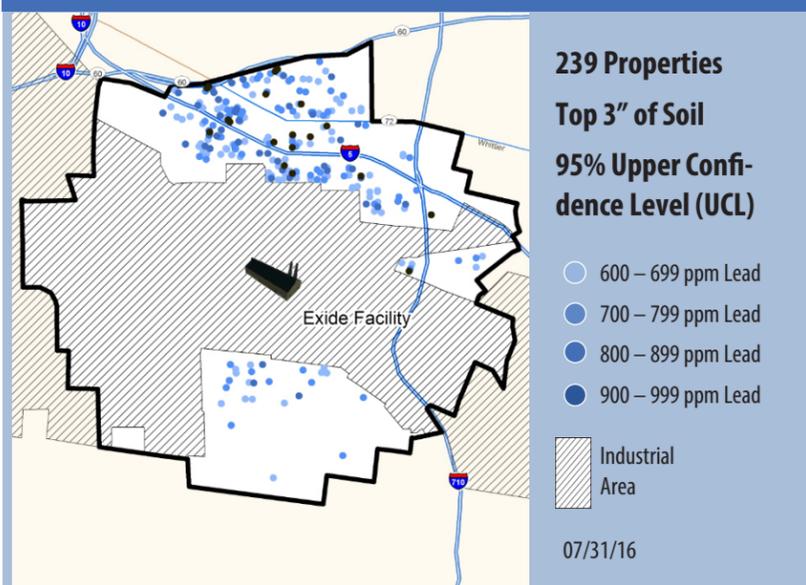
Properties with Lead Soil Concentrations 0-299 ppm



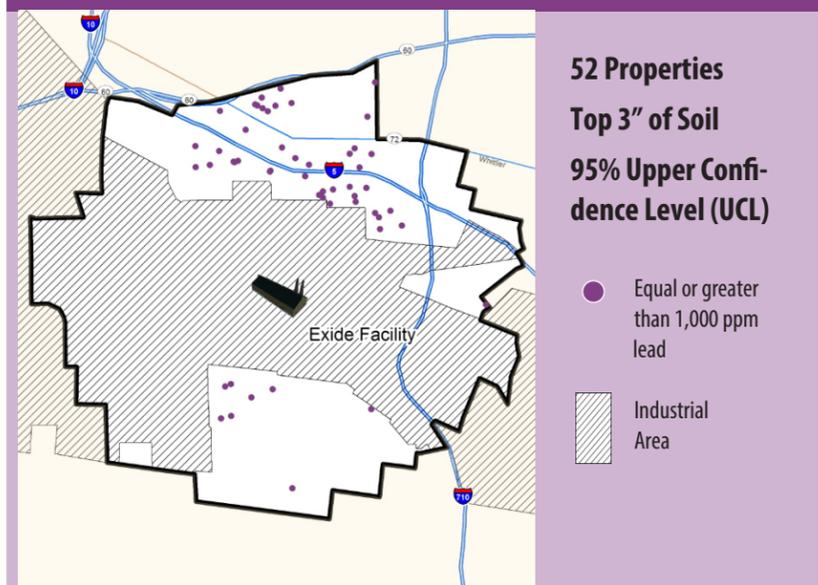
Properties with Lead Soil Concentrations 300-599 ppm



Properties with Lead Soil Concentrations 600-999 ppm



Properties with Lead Soil Concentrations = or >1,000 ppm



Note: All locations are approximate. Maps are not intended to depict the location of any specific residence that has been sampled. Maps include properties that have been cleaned up. Data as of July 31, 2016.