



## Sacramento County Environmental Management Department

# Mangan Park Community Update

## Cleanup Oversight

The Sacramento County Environmental Management Department (EMD) has been given delegation authority from the California Department of Toxic Substances Control (DTSC) to oversee lead clean-up efforts as a result of a release of lead from the City of Sacramento Mangan Park Rifle and Pistol Range.

## Corrective Action Submissions

The City of Sacramento has submitted five Workplans per the directives in the Sacramento County Notice of Corrective Action Letter and Order for site clean-up at Mangan Park. If the site characterization determines that contamination extends beyond the area immediately around the building the City will submit an additional cleanup plan for those areas by August 25, 2016. That plan will identify how the lead contamination in the soil will be cleaned, removed, or encapsulated to comply with State standards for lead.

## Cleanup Progress

Additional samples were collected by the City's consultants in May at the building's entrance and around the building; sidewalks by the building and across the street; and to the south and west of the facility.

The City of Sacramento's consultants took measures to prevent lead dust from escaping the building to the outside environment. These measures included: strict building access controls and sealing the roof vents.

Measures have also been taken to prevent public exposure to lead dust that remains outside the building. These measures include: removing lead-contaminated

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*Por favor, vaya más abajo en la página de información en español.*

### MANGAN PARK LEAD CLEANUP PROJECT INFORMATION WEBPAGE

Sacramento County Environmental Management Department (EMD) has created a Mangan Park Lead Cleanup Project Information Webpage that contains background information, monthly newsletters, compliance orders, work plans, resource links, and EMD contact information. Access the webpage from [www.EMD.SacCounty.net](http://www.EMD.SacCounty.net) in the EMD Latest News and Information section.

debris from the roof; applying two coats of fiber adhesive for lead encapsulation to the entire roof; cleaning of the front door of the building, entry sidewalk, and the bullet trap door. Confirmation testing for the removal of lead was conducted at completion of measures taken.

The City submitted a site characterization work plan that was approved on June 22, to: conduct systematic and comprehensive sampling of approximately three acres of park land around the Mangan Pistol and Rifle Range; investigation of the storm drain located in the parking lot south of the building; and atmospheric modeling and a sequential evaluation of potential impacts to downwind properties. This work is currently being carried out and is expected to be completed by August 5, 2016.

In mid-July EMD received the work plan regarding the removal of the hardscape area (e.g., walkways, driveways) and known contaminated soil around the building. The work plan was approved on July 20, and cleanup work around the building is scheduled to begin the first week of August.

## Learn About Lead

- Lead is a metal that occurs naturally in the soil; is added to some products; and is most dangerous when ingested.
- Lead poisoning is a serious disease and in children can cause learning disabilities, behavioral problems, mental retardation, stunted growth, and other symptoms. In adults, lead poisoning can cause memory loss, kidney damage and other symptoms.
- If your home was built before 1979, it likely was painted inside and out with lead-based paint that can flake over time.
- Currently, most lead poisoning in children is from accidentally ingesting lead-based paint dust and chips.
- Lead-based exterior paint can flake and accumulate in the soil around the outside of your home.

## Sign Up To Receive the Newsletter Electronically

EMAIL: [ManganPark@SacCounty.net](mailto:ManganPark@SacCounty.net)

\*\*\*Use "Newsletter" in the Subject Line

## REDUCE YOUR FAMILY'S EXPOSURE TO LEAD

- Keep children away from areas of bare soil;
- Always wash children's hands, especially when they enter the home;
- Place doormats inside and outside the doors;
- Thoroughly wash any homegrown vegetables or fruits before eating them;
- Grow vegetables in raised planter boxes.

## NEIGHBORHOOD BACKGROUND LEAD LEVELS

Soil in your neighborhood can contain lead from natural and man-made sources.

There are two major sources of lead contamination in suburban soil:

1. Chips of lead-based paint from older homes mixing with the soil; and

2. Lead from auto emissions.

These sources contribute to what is sometimes called the "man-made background concentration" of lead in soil.

Numerous studies conducted

in other urban and suburban

areas have shown that soil

lead levels are often high

within several feet of building

foundations and streets.

Although lead in paint and

gasoline is not presently used

to any great extent, once lead

has been deposited, it moves

very little through the soil and

can persist for a long time.

Therefore, lead contamination

of soil from these sources

continues to be a concern in

some communities.

## DIY Lead Testing Kits

Interested in doing your own lead testing at your house? To learn more about Lead Test Kits, visit, [www.EPA.gov/lead/lead-test-kits](http://www.EPA.gov/lead/lead-test-kits). Many local home improvement and paint stores carry easy-to-use and low cost lead testing kits in the paint section.

For additional information about lead testing kits, contact Debbie Katz, EMD Childhood Lead Program, 916-875-8448.

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