



**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 located at 2140 34th Avenue.

Prior to the construction of the Mangan Park Rifle and Pistol Range in the early 1960s, the site and vicinity were historically used for agriculture, and was a part of what is now Sacramento Executive Airport (SEA).

To oversee the cleanup, EMD leadership, its Environmental Specialists with the support of DTSC and the Air Quality Management District, will guide the City of Sacramento by applying scientific methods to identify and correct environmental issues in order to protect public health and the environment.

### Corrective Action Submissions

EMD received the *November 4, Task 2 Offsite Sampling Report* from the City's consultant, Stantec Consulting Services Inc. The report describes the soil data collected from residential properties located north of the former Mangan Pistol and Rifle Range at 2140 34th Avenue to determine lead levels in the surface soil.

### Cleanup Progress Update & Next Steps

#### Mangan Park Activity

Since the excavation and subsequent resampling around James Mangan Rifle and Pistol Range was completed in October, grass seed has been put down for erosion control. Additional landscaping and hardscape will be determined in a pending City of Sacramento Department of Parks and Recreation comprehensive plan for the James Mangan Park.

In the area of the Archery Range, there was additional soil excavation and soil sampling on November 9. The sampling results determined the area excavated was below the screening level, confirming no significant lead contamination, and was backfilled with soil on November 16.

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

#### WEBPAGE CREATED FOR THE MANGAN PARK CLEANUP PROJECT

Get access to background information, work plans, compliance orders, and monthly newsletters, regarding the Mangan Park Lead Cleanup Project by going to [www.EMD.SacCounty.net](http://www.EMD.SacCounty.net) – access the link on the EMD Latest News and Information section of the home page.

#### 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



### Offsite Sampling

Some level of lead is naturally occurring in the environment and soil sampling tests cannot determine the source of lead. However, based on the atmospheric modeling that was conducted, the City in September contacted the owners and tenants of 41 homes immediately north of the gun range, which the atmospheric model identified as possibly being impacted by airborne lead dust. On October 18, the sampling concluded for the 29 owners/tenants who agreed to have their properties sampled. For each residence sampled, the City's consultant, Stantec, collected a minimum of 90 randomized soil core samples within a systematic grid.

In mid-November, the City mailed letters to the 29 owners/tenants indicating whether the results were above or below screening levels. These letters explained that lead is hazardous if ingested and that in addition to the lead dust that may have come from the gun range, elevated levels of lead can also come from various sources, such as lead-based paint, roofing materials, and exhaust from leaded gasoline. Per the sampling results, the yards of 11 homes, with average lead concentrations above the residential screening level, need further evaluation by the City's consultant. Two additional yards may also need further evaluation.

EMD received the sampling laboratory results on November 4, 2016. On November 16, 2016, The City's consultant submitted for review a proposed outline and work plan for tasks remaining to be completed.

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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.

*It is recommended that children always wash their hands before eating meals and snacks.*

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