

# UNDERSTANDING MOBILE SOURCE AIR TOXICS IN ENVIRONMENTAL JUSTICE COMMUNITIES



The Sac Metro Air District (District) received a grant from the U.S. Environmental Protection Agency (USEPA) to conduct a study to better understand air pollution from mobile sources (cars, trucks, etc.) in two Sacramento Environmental Justice Communities.

This grant was awarded to enhance air monitoring at three existing air monitoring locations in the South Sacramento-Florin community and install a new temporary air monitoring location in North Sacramento. This project will help gather more detailed data to understand the air pollution health risks in these communities. This information will help the District find ways to reduce the air pollution from these sources in our most needed communities.

## WHAT TYPE OF POLLUTION IS THIS PROJECT MEASURING?

Air toxics, also known as hazardous air pollutants, are a type of pollution that comes from cars, trucks and other sources. Air toxics are linked to cancer and other serious illnesses.

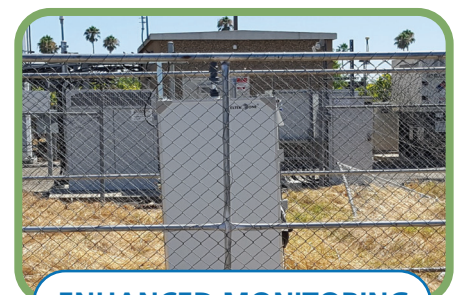
## WHAT QUESTIONS WILL THIS PROJECT HELP ANSWER?

- What are the levels of air toxics pollution from cars, trucks, etc. in the North Sacramento and the South Sacramento-Florin communities?
- What are the health risks associated with the measured air toxics pollution within the communities?
- Do some communities have higher levels of air toxics pollution than others?



**PORTABLE SENSORS**

*Portable sensors can provide quick air pollution information in real-time.*



**ENHANCED MONITORING**

*Enhanced monitoring sites collect detailed air pollution information such as toxics.*

SACRAMENTO METROPOLITAN



## WHY WERE THESE NEIGHBORHOODS CHOSEN?

The **NORTH SACRAMENTO COMMUNITY AREAS** are exposed to heavy pollution from cars, trucks, and traffic from nearby highways and major roads. In addition, these areas have historically been socially and economically disadvantaged. During the study, temporary air monitoring equipment will be installed at a location to get local air toxics data and share the information with the community.

The **SOUTH SACRAMENTO-FLORIN COMMUNITY** has a high risk of cancer from air pollution and is heavily exposed to truck and traffic pollution compared to other areas of Sacramento. The South Sacramento-Florin community is currently participating in the Community Air Protection program (AB 617) and is working to understand where pollution in their community comes from and how it impacts their health. This grant will help upgrade three monitoring locations already in the area to get more detailed air toxics data.

