

## Criteria for Air Filtration Systems Worksheet

(Chapter 5g: Schools, Childcare Centers, Community Centers, Libraries, and Public Housing Projects Action 2)

### *What is the air quality concern?*

The East Los Angeles, Boyle Heights, West Commerce (ELABHWC) Community Steering Community (CSC) expressed concern about air quality impacts to schools and childcare centers located near major sources of air pollution. For example, a school located near a major freeway or large industrial facility is likely to be exposed to higher levels of air pollution than a school surrounded by residential neighborhoods and greenspace.



### *What are we doing about it?*

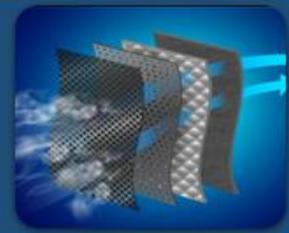
Existing local and statewide efforts (e.g., regulations, enforcement activities, and incentives) aim to reduce emissions from sources of air pollution. Additionally, the ELABHWC Community Emissions Reduction Plan (CERP) specifies actions to reduce exposure to air pollution, such as, diesel particulate matter (DPM). These actions include:

- Installing air filtration systems at schools with priority given to those located near truck routes, railyards, and/or major freeways, and
- Exploring additional funding opportunities to replace filters at schools already equipped with high efficiency filtration systems.

### *Frequently asked questions:*

#### **What is a High-Efficiency Air Filter?**

- Filters DPM, fugitive dust and other particles (e.g., pollen)
- Reduces exposure to DPM at schools located near freeways, truck routes, railyards, and other industrial sources



#### **Who installs the Air Filtration Systems?**

- The South Coast AQMD will partner with school districts and contractors to install filters

#### **When will Air Filtration Systems be installed?**

- Beginning mid-2020, during CERP implementation, based on funding availability and criteria



### Why is this worksheet important?

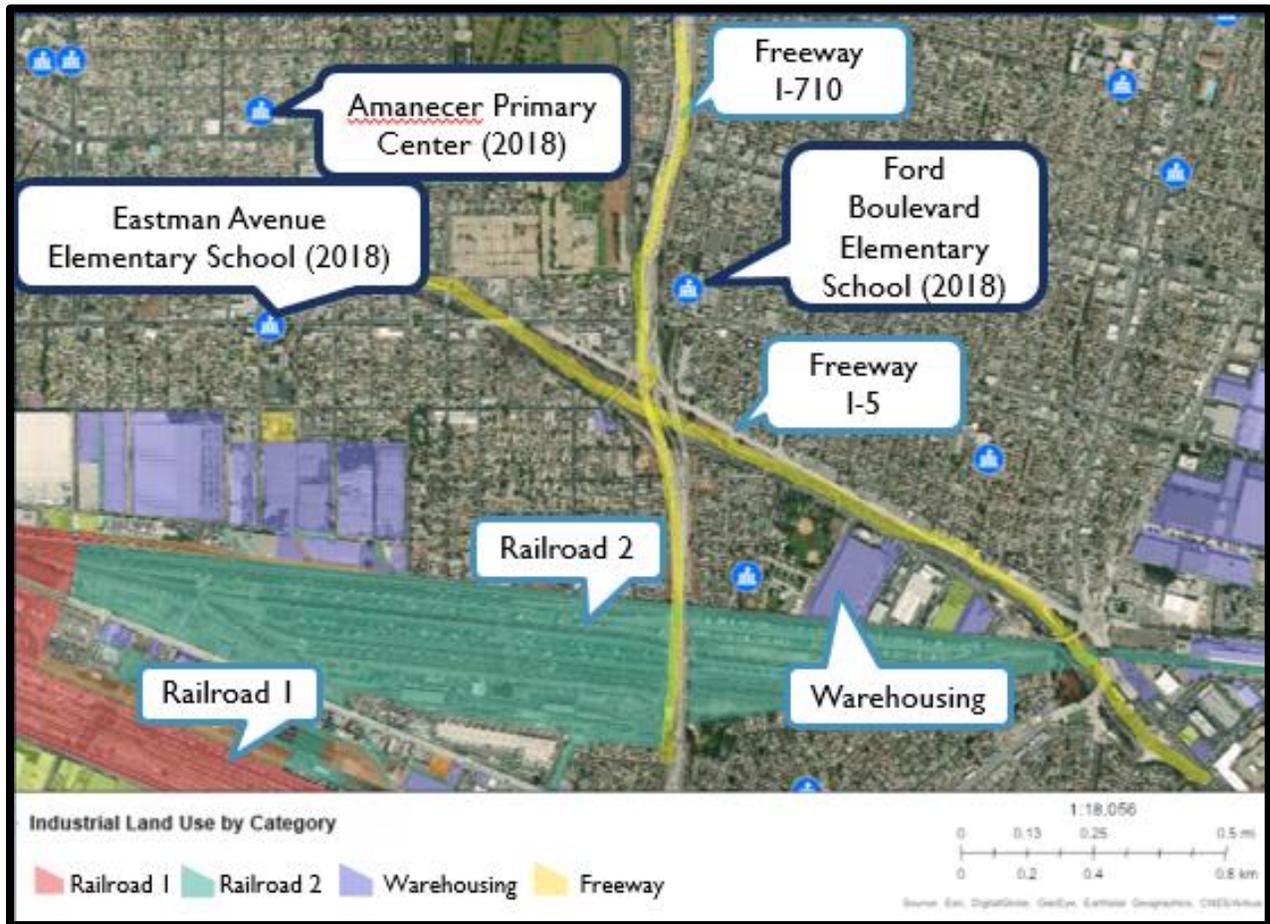
Members of the public can use this worksheet to provide input to South Coast AQMD on the appropriate criteria to prioritize the installation of air filtration systems at schools in the ELABHWC Community.

### What are examples of criteria for prioritization?

The section below provides examples of criteria that have been used to prioritize the installation of air filtration systems at schools in the South Coast Air Basin.

1. South Coast AQMD's air toxics and cancer risk information [Multiple Air Toxics Exposure Study III (MATES III)].
2. Distance to stationary sources of pollution and emission levels.
3. Distance to freeways and traffic volume.

### Example of previous air filtration projects in the ELABHWC Community



Name \_\_\_\_\_

East Los Angeles, Boyle Heights, West Commerce

Phone Number \_\_\_\_\_

Email \_\_\_\_\_

## Criteria for Air Filtration Systems Worksheet

### Ranking for additional criteria

Below are suggested additional criteria (including a brief description of each criteria) that can be used for prioritization.

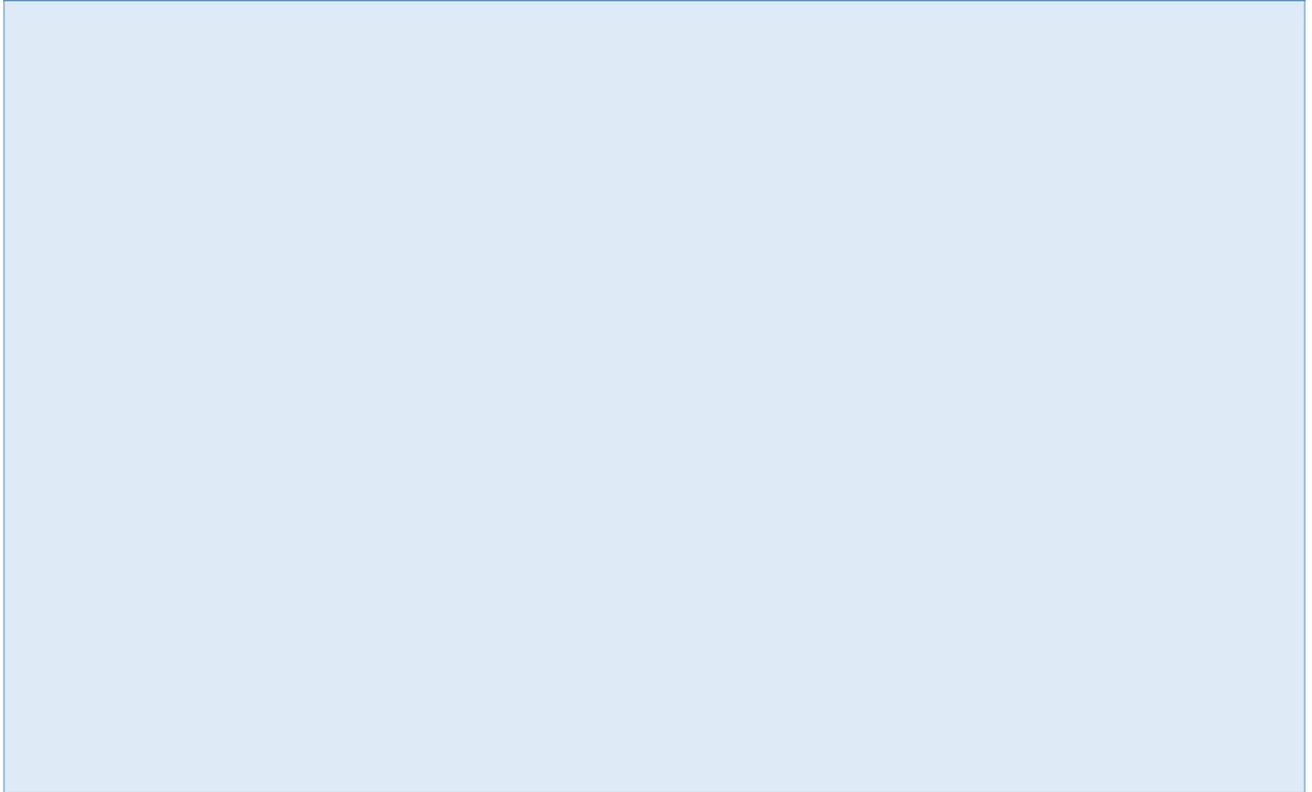
Please review the listed criteria. If there are any additional factors or criteria you think should be considered, please provide a brief description on the back of this page.

**Rank the criteria in order of importance (with 1 being the most important).**

Criteria and Brief Description	Rank # (1 – 5)*
<b>Multiple Air Toxics Exposure Study IV (MATES IV)</b> Focuses on the cancer risk from exposure to air toxics across the South Coast Air Basin.	
<b>CalEnviroScreen 3.0</b> Identifies California communities by census tract that are disproportionately burdened by, and vulnerable to, multiple sources of pollution.	
<b>CalTrans Traffic Data</b> Traffic data can show where congestion occurs. Congestion can result in idling vehicles and create an increase in emissions around nearby schools.	
<b>School Characteristics</b> <i>(Please check the box next to the school characteristic you think should be included)</i> <input type="checkbox"/> Highest priority for preschools, followed by elementary, middle, then high schools <input type="checkbox"/> Higher priority for schools that have more students <input type="checkbox"/> Higher priority for schools with higher percent of students enrolled in free or reduced-price meal program	
<b>Nearby Sources of Air Pollution</b> <i>Please list which three sources of air pollution that are of most concern when they are near schools. For example, air pollution sources can be railyards, industrial facilities, and freeways.</i>  1) _____ 2) _____ 3) _____	

\*There should be no duplicate values in your ranking.

**Other Additional Criteria:**



**Please provide your completed school activity prioritization worksheet to Nish Krishnamurthy ([nkrishnamurthy@aqmd.gov](mailto:nkrishnamurthy@aqmd.gov)) or Evangelina Barrera ([ebarrera@aqmd.gov](mailto:ebarrera@aqmd.gov)) by February 14, 2020.**