

Action: Reduce Odors and Dust from Waste Transfer Stations

Background & Objective

The community steering committee (CSC) for East Los Angeles, Boyle Heights, West Commerce (ELABHWC) expressed concerns regarding the large number of industrial facilities in this community and their cumulative air quality impact. The CSC members specifically identified odors from waste management transfer stations, as a potential air quality concern (Figure 1).

These facilities typically require permits to operate from the South Coast AQMD, as well as from other agencies, such as the Department of Toxic Substances Control, CalRecycle, and Los Angeles County Sanitation District. While some of the concerns identified by the CSC are outside the regulatory authority of the South Coast AQMD, concerns about fugitive dust and odors from these facilities are addressed through the AB 617 Program and existing South Coast AQMD regulations (for more information please see [CERP Ch. 5h](#)).

Method

Highly sensitive continuous monitors that can measure certain pollutants associated with odors in very low concentrations will be used to gather measurement data that will support appropriate enforcement actions, when needed and appropriate. It should be noted that most sources of odors are difficult to measure even with modern air monitoring techniques and, at times, the human nose can detect the presence of odiferous compounds better than state-of-the-art air measurement equipment. A list of facilities that may be selected for air monitoring was created based on the permitting and compliance data available to South Coast AQMD and input from the community (Attachment A).

South Coast AQMD staff will also conduct mobile and stationary monitoring for toxic air contaminants, particulate matter (PM), and volatile organic compounds (VOCs) around the identified facilities (upwind and downwind) to map emission hotspots, pinpoint emission sources, and assess how these potential emissions may impact air quality and the quality of life in nearby communities. South Coast AQMD also conducts mobile monitoring for air toxic metals, which is discussed in a separate progress reports related to [Metal Processing Facilities](#) and [Auto Body Shops](#).

Results

- A list of waste transfer stations, material collection facilities, and other solid waste management facilities in this community has been identified and prioritized, based on community input, for further inspection and targeted measurements (Attachment A)

Next steps

- Identify pollutants of interest that may be emitted from waste management facilities and conduct follow-up air monitoring (e.g. dust emissions)
- South Coast AQMD is currently developing a mobile laboratory in order to conduct measurements of VOCs that may cause odors and will conduct measurements near the identified waste management facilities

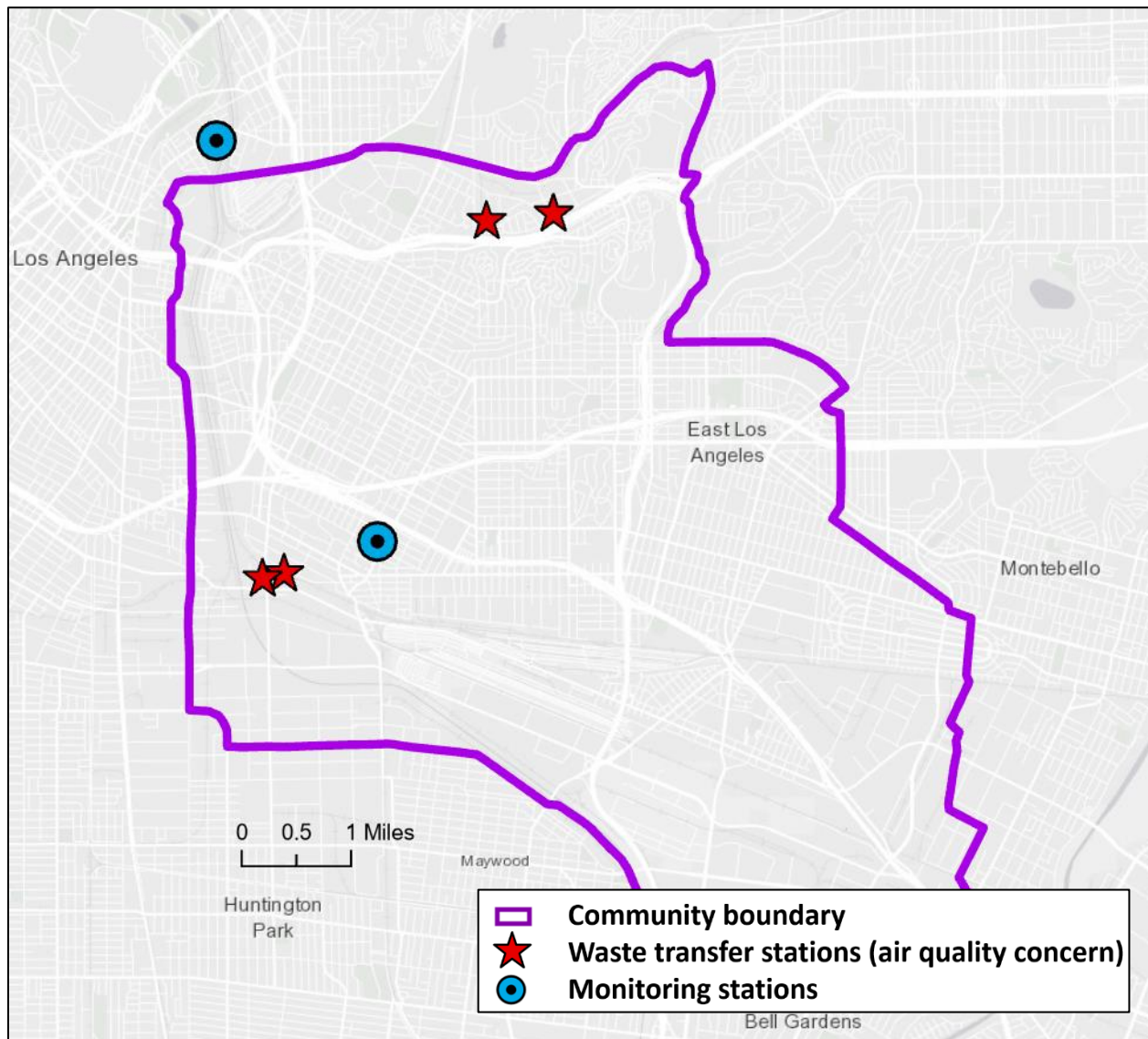


Figure 1. Location of waste management transfer stations identified by the CSC members as a potential air quality concern, as well as the location of monitoring stations for baseline measurements

Attachment A

Five waste transfer stations, material collection facilities, and other solid waste management facilities in the East Los Angeles, Boyle Heights, West Commerce (ELABHWC) community that were identified by the community steering committee (CSC) during the Community Emissions Reductions Plan (CERP) development (Figure 1). Additional waste management facilities in ELABHWC were identified based on community input and an updated search through South Coast AQMD's facilities database. These facilities are listed below and shown in figure A-1:

1. Republic Services East Los Angeles Transfer Station ([CERP Ch. 5h](#))
2. Waste Management Los Angeles Transfer Station ([CERP Ch. 5h](#))
3. Republic Services Innovative Waste Control Transfer Station ([CERP Ch. 5h](#))
4. Mana Scrap Recycling Facility ([CERP Table 3a-2](#))
5. GU's Recycling ([CERP Table 3a-2](#))
6. City Terrace Recycling and Waste Transfer Station (permitted by CalRecycle, LADPH; [CERP page ES-14](#))
7. Landfill owned by City of LA - 651 S Mission Rd 90023 ([CERP Appendix 4-1](#))
8. A waste treatment and disposal facility owned by City of LA, 2264 Highbury Ave 90032; corresponds with the location of an odor complaint mentioned in the [CERP Table 3a-2](#) ([CERP Appendix 4-1](#))
9. Stericycle Inc. - 2775 E. 26th St 90023; waste treatment disposal facility; corresponds with the location of a facility of concern mentioned in [CERP Table 3a-2](#) ([CERP Appendix 4-1](#))
10. Waste Mgmt. Healthcare Solutions - 4280 E. Bandini Blvd 90058; a medical waste facility which corresponds to the location of a facility of concern for dioxin/furan emissions mentioned in [CERP Table 3a-2](#) ([CERP Appendix 4-1](#))

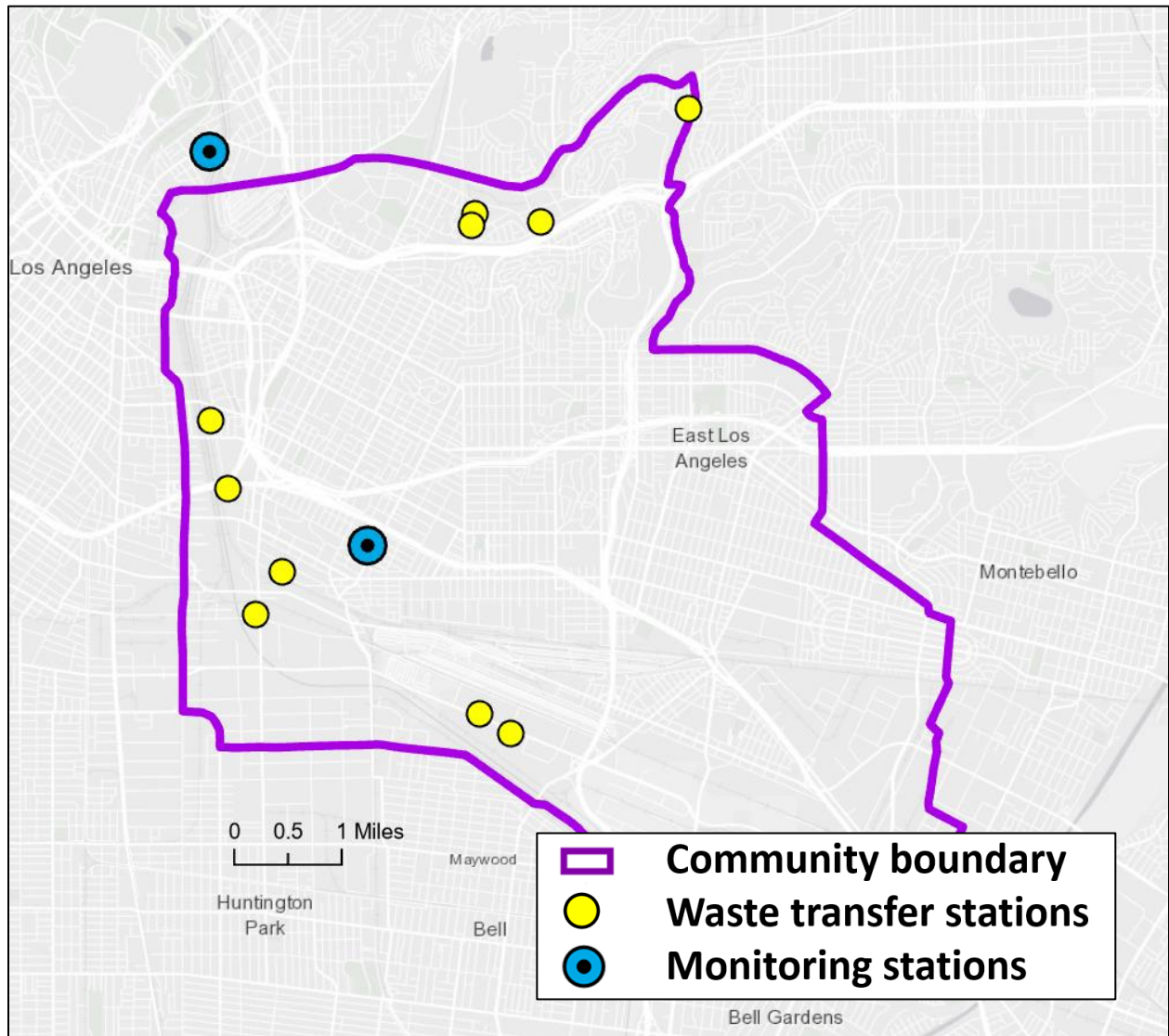


Figure A-1. Location of waste transfer stations, material collection facilities, and other solid waste management facilities in the community, as well as the location of monitoring stations for baseline measurements