

COMMUNITIES FOR A BETTER ENVIRONMENT

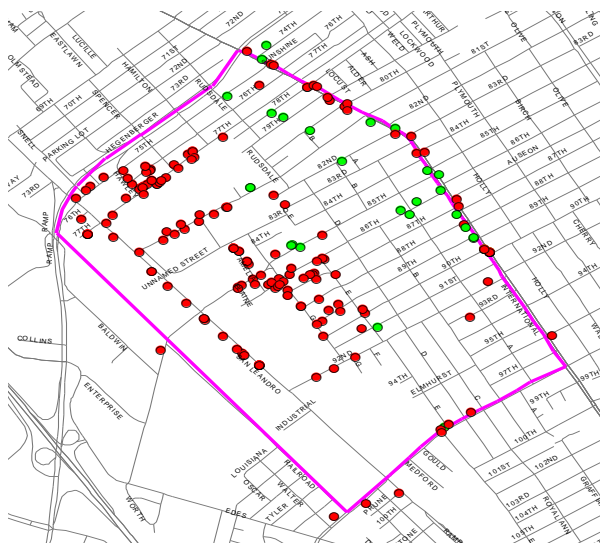
Community-Based Research Summary (2007-2009)

With an issue of importance to the community, Communities for a Better Environment (CBE) aims to combine knowledge with action and to achieve social change to improve health outcomes and eliminate the unequal burden of environmental hazards. Community-based participatory research is a collaborative and equitable approach to conducting research, involving residents of the affected area and researchers.

Mapping Study (October 2007)

The mapping study of the "Hegenberger Corridor," documents over 45 "sensitive receptors", such as day cares, churches, schools, and recreation centers in close proximity to a large concentration of pollution sources – over 210 identified, including 68 auto-repair businesses, 27 diesel truck-related businesses, 50 manufacturing business, and sites where

diesel trucks idle. Filled in circles are hazards; grey circles are sensitive receptors in the map to the left.



Diesel Truck Survey (Summers 2009 & 2010)

Diesel emissions consist of a number of compounds, including PM. It is linked to adverse health impacts, including decreased lung function in children, low birth weight, and asthma.

CBE counted and categorized trucks at 12 intersections in the Hegenberger Corridor and counted 11,664 diesel trucks in 10 half-days. Hegenberger Rd /73rd St and Baldwin St was the busiest intersection. CBE counted 2,146 diesel trucks in two days. At 98th St and San Leandro St – the second busiest intersection – CBE counted 2,016 diesel trucks.

You can download the Factsheet at <http://www.cbecal.org/campaigns/oakland.html>

Community Health Survey (July – December 2009)

CBE collected 351 surveys (333 in English; 18 in Spanish) filled out by East Oakland residents. Surveyed August and October-December 2009.

- 85.8% of people (survey-takers) answered 'Yes' (346 answered) that they have access to health care.
- 24.3% of people (survey-takers) answered 'Yes' (350 answered) that a doctor or other health professional told them that they had asthma
- 38.1% of people (survey-takers) answered 'Yes' (344 answered) that someone else in their household was told that they had asthma

Top three totals of responses to the following statements:

- A. I think this neighborhood is a good place for me to live (348 answered). **29% Somewhat Agree**
- B. I feel safe in this neighborhood (347 answered). **25% Strongly Disagree**
- C. I think there are plenty of good jobs that pay enough for individuals and families in Oakland (348 answered). **47% Strongly Disagree**
- D. I think that there are many retail options, like clothing stores, book stores, coffee shops, restaurants, in my neighborhood (347 answered). **31% Strongly Disagree**
- E. There are no autobody shops in my neighborhood (344 answered). **33% Strongly Disagree**
- F. I can get to every place that I need to using public transportation (bus or BART), or by biking or walking (344 answered). **39% Strongly Agree**
- G. There is never any heavy car or truck traffic in this neighborhood (345 answered). **33% Strongly Disagree**
- H. I am not concerned about air pollution from traffic in my neighborhood (344 answered). **42% Strongly Disagree**
- I. I never hear loud noises from trucks, cars, motorcycles, trains, or airplanes in my neighborhood (346 answered). **49% Strongly Disagree**
- J. My neighborhood has no vacant lots or vacant houses (345 answered). **33% Strongly Disagree**
- K. I am not concerned about major sources of industrial pollution in my neighborhood (347 answered). **39% Strongly Disagree**
- L. There is a full service, affordable supermarket near my house (346 answered). **25% Somewhat Agree**
- M. I am not concerned about Diesel Truck sources of air pollution in my neighborhood (348 answered). **37% Strongly Disagree**
- N. There are many places for youth to engage in positive activities in my neighborhood (347 answered). **33% Strongly Disagree**

