

West Oakland (Diesel) HRA Emissions Summary

Baseline Emissions Summary Overview for 2005**

PROJECT PART	DIESEL PM (tons per year)*
Estimated Total for PART 1 -- Port of Oakland	261
Estimated Total for PART 2 -- UP Rail Yard	7 to 11
Estimated Total for PART 3 -- In and Adjacent to the West Oakland Community (Non Port or UP)	627
Estimated Total for Project (PARTS 1, 2, and 3)	~900

* Totals are rounded

** Does not include businesses or emission sources established after 2005

Baseline Emissions Summary Overview for 2005**

PART 1 - PORT OF OAKLAND DIESEL EMISSION SOURCES	DIESEL PM (tons per year)*
Ocean Going Vessels Transiting to/from Outer buoys; Maneuvering; Hotelling; Anchorage.	209
Harbor Craft Tug (OGV assist); Dredging and material movement	13
Cargo Handling Equipment Picks; Cranes; Yard Trucks; etc.	21
Diesel Trucking Surface Roads Movement (Freeway exits to terminals) Gate Idling (on terminal); Terminal Movement and Idling.	16
Rail (BNSF-excluding Rail CHE) Refueling; Arrival; Departure; Switching.	2.0
Estimated Total for PART 1 --- Port of Oakland[#]	261

* Totals are rounded

** Does not include businesses or emission sources established after 2005

Total PM is 272 tpy

Baseline Emissions Summary Overview for 2005**

PART 2 - UNION PACIFIC RAIL YARD DIESEL EMISSION SOURCES	DIESEL PM (tons per year)*
Locomotives; Switcher; Hauler; TRU and Refrigeration; Cargo Handling; Heavy (off road) Equipment; Generators.	
Estimated Total for PART 2 -- UP Rail yard	7 to 11

* Totals are rounded

** Does not include businesses or emission sources established after 2005

Baseline Emissions Summary Overview for 2005**

PART 3 - DIESEL EMISSION SOURCES IN (ADJACENT TO) THE WEST OAKLAND COMMUNITY (PART 1 Subtracted)	DIESEL PM (tons per year)*
Freeways and Roadways Trucks and Buses (Major/Minor Roads; Freeways 80, 580, 880, and 980)	92
Off-port Ocean Going Vessels Transiting (to/from Outer Buoy); Maneuvering; Hotelling; Anchorage.	233
Harbor Craft - Transit and Hotelling Charter and Commercial Fishing; Ferry; Tugboats; Towboats; Crew and Supply; Pilot; Workboats; and Other.	278
Cargo Handling Equipment 6 facilities (including): Schnitzer (trucks, dozers, excavator, loaders fork lifts, etc.); Compass Container (fork lifts and side picks); Port Maintenance Facility (misc. maintenance equipment); East Bay Resources; Mutual Express; Roadway Express.	4.3
Locomotive (Off-Port and Off-Rail Yard) within West Oakland UP locomotives - Off-Port, Off-Rail Yard (includes Amtrak as through trains); BNSF locomotives - Off-port, Off-BNSF Rail yard; Amtrak locomotive movement - Off-Port, Off-Rail yard.	1.3
Amtrak Maintenance Facility Passenger Train Movement (inside facility); Switcher; Shuttle Wagon; Maintenance and Testing; and Locomotive Idling.	3.4
Stationary Diesel Sources 9 facilities with Diesel Engines and/or Standby Generators (including): 3 EBMUD; Duke Energy; 2 County of Alameda; USPS-vehicle maintenance; BNSF railway; SSA terminals.	0.2
Construction Activity*** 8 locations (including): 66 Franklin Street; 206 2nd Street; Harbor View Lofts; 300 Harrison Street; 8 Orchids; Ettie Street/Mandela Parkway; Wheelink; and Bay Bridge.	13
Trucking Movement and Idling (within facility) and Distribution Centers**** 34 Locations (see next page):	2.0
Estimated Total for PART 3 --- In and Adjacent To West Oakland	627

* Totals are rounded

** Does not include businesses or emission sources established after 2005

***Used 2006 activity at Bay Bridge to estimate 2005 emissions

****Some 2006 activity may have been used at some facilities to estimate 2005 emissions

List of 34 Included Trucking Facilities and Distribution Centers****

A M & S Transportation Co.
California Cereal Products
California Waste
Central Concrete Co.
Custom Alloy and Scrap
Compass Container
East Bay MUD
East Bay Resources
Eastshore Charter Lines
Golden Bear Produce
Greyhound Bus Station
J&A Truck Repair
J&O Truck/Tire
JAC Truck Repair
JB Truck Repair
KMC Paper (Chang's)
Lehman Transportation
Macy Movers Inc.
Matheson Postal Service
Morgan Southern
Mutual Express
Narayan's Trucking
National Recycling Corp.
Oakland Maritime Support Services (OMSS)
Online Trucking
Quintero Trucking
Roadway Express Inc.
Saroni Co.
Schnitzer Steel
Sutta Co.
Svenhard's Bakery
Tighe Drayage Co.
US Postal Service
VA Transportation/Joint Intermodal

****Some 2006 activity may have been used at some facilities to estimate 2005 emissions