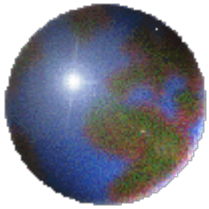


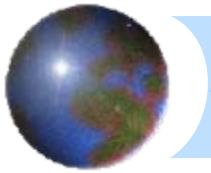
**CARE Task Force Meeting
March 14, 2007
San Francisco, California**



**Update on the West Oakland Diesel
Exhaust Particulate Matter
Assessment – Parts 1 and 2**

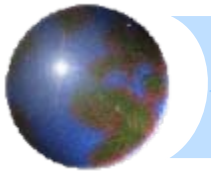
**Gregory Harris
Air Resources Board**





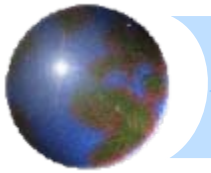
Part 1 – Sources Included from Maritime Port of Oakland

- Ocean Going Vessels (main and auxiliary)
- Harbor Craft
- Cargo Handling Equipment
- Trucks
- Locomotives (at BNSF)



Part 1 - Background and Status

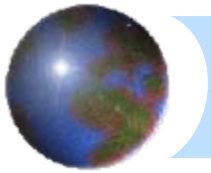
- Originated from Goods Movement activities
(Good Movement Plan website <http://www.arb.ca.gov/gmp/gmp.htm>)
- Currently finalizing emission inventory and spatial allocations
- Port of Oakland/Contractors prepared emissions with ARB input
- Draft Emissions Methodology on ARB website at
(<http://www.arb.ca.gov/ch/communities/ra/westoakland/westoakland.htm>)
- Air Dispersion Modeling starts April - Anticipated to take 2 to 3 months using multiple computers



Part 1 - ARB Contacts

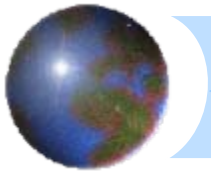
- Carolyn Suer – 916.327.5985
(csuer@arb.ca.gov)

- Bonnie Soriano – 916.322.6888
(bsoriano@arb.ca.gov)



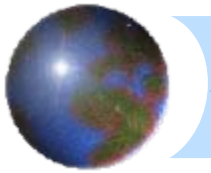
Part 2 - Background and Status for Union Pacific Rail Yard

- Part of agreement to perform HRA at 16 rail yards statewide.
- Spring 2007 – 9 rail yard HRAs will be completed (includes Richmond).
- December 2007 – remaining 7 HRAs will be completed
- UP Oakland accelerated to mid-2007
- All results for UP Oakland will be folded into West Oakland HRA
- Emission inventory and air dispersion modeling is ongoing



Part 2 - Draft Diesel PM Estimated Emission Proportions at UP Oakland

- Locomotives 1/3rd
- Diesel Trucks 1/6th
- Cargo Handling Equipment 1/6th
- Off-Road Equipment and TRUs 1/3rd
- Stationary/Point Sources 1/100th



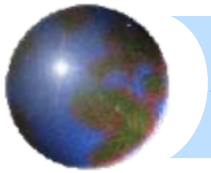
Part 2 - Contacts

- **Harold Holmes**, Manager, Engineering Evaluation Section
 - (916) 324-8029; hhomes@arb.ca.gov

- **Eugene Yang, Ph.D., P.E.**
 - HRA Emission Inventories
 - (916) 327-1510, eyang@arb.ca.gov

- **Jing Yuan, Ph.D.**
 - Air Dispersion Modeling and HRA
 - (916) 322-8875, jyuan@arb.ca.gov

- **ARB Rail Yard HRA Website:**
 - <http://www.arb.ca.gov/railyard/hra/hra.htm>



Draft Timeline

- Draft emission inventory, modeling, and overview will be released for public review
- Draft Emission Inventory – April 2007
- Draft Air Dispersion Modeling results – mid to late 2007
- Draft Overview Report – mid to late 2007