

US EPA ARCHIVE DOCUMENT

# Coalition For A Safe Environment

## On/Off - Port Property Community Negative Impacts Nexus

1.10.2010

### Public Health Impacts

1. Respiratory Health Diseases
2. Cardio-Pulmonary Diseases
3. Neurological Diseases
4. Child Learning Disabilities
5. Physiological Development Disorders
6. Blood Diseases (Leukemia, Lymphoma, Myeloma, Anemia)
7. Diabetes
8. Autoimmune Diseases (Lupus, Fibromyalgia)
9. Child Obesity
10. Endocrine Disruptors

### Public Health Issues

1. Failure to conduct community public health survey to identify all health impacts
2. Failure to conduct worker (dock, truck driver, contractor) public health survey to identify all health impacts
3. Failure to identify all health impacted individuals & families
4. Failure to establish public health baseline to determine appropriate mitigation
5. Failure to mitigate existing and past public health impacts
6. Failure to disclose to public health impacts
7. Failure to adequately identify impacted communities

### Air Quality Pollution Sources & Types (Standard Types PM, NOX, SOX, ROG/VOC's, HFC's)

1. Ships
2. Locomotive Trains - Leaking Bulk Cars
3. Trucks - Brake Dust
4. Cranes
5. Yard Hustlers (Top Picks, Transtainers etc.)
6. Outdoor Container Fumigation Facilities - Methyl Bromide
7. Container Storage Yards - Deteriorating Lead Paint
8. Container Inspection Facilities
9. Crude Oil, GAS & Fuel Storage Tanks

10. Construction Equipment
11. Dredging Equipment
12. Reefer Containers A/C
13. Truck A/C

### **Vector & Viral Disease Exposure**

1. Insects - Mosquitoes (West Nile Virus), Beetles, Moths
2. Bacteria
3. Fungus
4. Molds

### **Toxic & Hazardous Material Exposure & Risk**

1. Transportation of Toxic & Hazardous Materials - Chemicals & Substances
2. Transportation & Storage of Explosive & Flammable Chemicals & Substances
3. Transportation & Storage of Radioactive Substances & Electronic Items
4. Failure to Clean, Sanitize, Decontaminate Containers

### **Land Use**

1. Loss of public & harbor community beaches, coastal tidelands, wetlands
2. Loss of public & harbor community waterfront property economic development
3. Loss of public & harbor community waterfront & ocean recreational use - ship traffic supersedes public right to use
4. Loss of public & harbor community industrial & commercial property development
5. Loss of public & harbor community residential area property development
6. Loss of public & community recreational property development
7. Loss of original natural geologic land structure
8. Purchase of off-tidelands city properties for port expansion – 100's of acres Wilmington, San Pedro, Long Beach, Carson
9. Ports, tenants & contractors violating city zoning & permits – Failure to disclose to cities of fumigation facilities & inspection facilities

### **Safety Impacts**

1. Public exposure to terrorist attacks
2. Public exposure to explosives - Fisherman allowed to fish with explosives, Port has no count
3. Public exposure to toxic/hazardous chemicals/substances
4. Ship Accidents – Loss of power, drunk pilot, sleeping pilot, cruise ship engine explosion
5. Train Accidents
6. Truck Accidents
7. Car Accidents
8. Bridge Accidents
9. Disgruntle Employees Attacks
10. Crude Oil Pipelines Explosions, Fires, Breaks, Leaks

11. Fuel Pipelines Explosions, Fires, Breaks, Leaks
12. Gas Pipelines Explosions, Fires, Breaks, Leaks
13. Oil, Fuel, Gas Storage Tanks
14. Ground Collapse From Oil & Natural Gas Removal
15. Ground Collapse From Oil & Natural Gas Well Water Injection Failure

#### **Traffic Congestion, Accident & Public Lost Income Impacts**

1. Truck, Dock Worker, Contractors
2. Traffic congestion causing loss of income due to arriving late to work
3. Traffic congestion causing loss of income from being fired due to arriving late to work
4. Traffic accidents causing loss of income due to arriving late to work
5. Traffic accidents causing loss of income from being fired due to arriving late to work
6. Traffic accidents causing loss of income from personal injury
7. Traffic accidents causing loss of income from permanent disability
8. Traffic accidents causing loss of income from temporary disability
9. Traffic accidents causing loss of income from death of family financial supporter
10. Traffic accidents causing loss of funds for health costs due to being uninsured
11. Traffic accidents causing loss of funds for medical prescription costs due to being uninsured
12. Traffic accidents causing loss of funds due to increasing automobile insurance
13. Frequent bridge truck accident detours through Wilmington community

#### **Local School District Loss Income Impacts**

1. Children school absences due to respiratory & other health illnesses
2. Unused school lunches cost due to children school absences
3. Children school absences due to parent & guardian health illnesses

#### **Water Pollution & Contamination**

1. Ocean water contamination due to aerial deposition
2. Fresh Water Supply contamination due to aerial deposition
3. Lake Aerial contamination due to aerial deposition
4. Underground Aquifer contamination due to aerial deposition
5. Failure to prevent Dominguez Channel Watershed Contamination
6. Illegal water runoff from Port & tenant properties
7. Illegal water runoff from Port & tenant contractors/subcontractors properties

#### **Land Pollution & Contamination**

1. Public lands contamination due to aerial deposition
2. Residential real & personal properties, home gardens contamination due to aerial deposition
3. Public properties, parks, schools, businesses, buildings contamination due to aerial deposition
4. Port tenants leave contaminated properties which takes decades to clean up
5. Port dredged dirt storage locations – tons stored for years – SCAQMD issued POLA a Notice of Violation after public complaints of fugitive dust during wind storm

## **Climate Change Impacts**

1. Creation & Release of Green House Gases – Failure to identify all GHG sources
2. Over Saturation of Ocean Waters with Green House Gases & Pollution
3. Micro Climate Change in Port & Regional Communities – Increased heat signature

## **Biological & Natural Resource Impacts**

1. Destruction of Ocean Water Habitats & Aquatic Life
2. Destruction of Coastal Tidelands & Wetlands Habitats For Aquatic Life
3. Destruction of Coastal Tidelands & Wetlands Habitats For Mammal & Fowl Wildlife
4. Killing of whales & sea mammals due to ship collisions in migratory routes
5. Destruction of migratory route bird resting & feeding areas

## **Ocean Water Aquatic Public Food Resources**

1. Destruction & contamination of fish & shell fish public food resources
2. Destruction & contamination of plant public food resources

## **Aesthetics**

1. Loss of San Pedro Bay natural coastal vista – bridge & ship heights
2. 90+% Industrialization of coastal waterfront
3. Community Blight from Port tenants and Port related business activities
4. Replaces California native plant species with foreign species

## **Real & Personal Property**

1. Depreciation of property values
2. Aerial deposition of toxic & hazardous material on property

## **Noise 24/7**

1. May not exceed 65db but is 24/7
2. Noise Pollution from ships
3. Noise Pollution from trains
4. Noise Pollution from trucks
5. Noise Pollution from equipment
6. Noise Pollution from helicopters surveillance, media & visitors
7. Noise Pollution from police & fire department vehicle alarms
8. Port construction activities
9. Port & tenant suppliers working afterhours & weekends

## **Light**

1. Light glare pollution from on-port property
2. Light glare pollution from off-port property truck traffic

3. Light glare pollution from port helicopter surveillance
4. Bridge expansion projects cause increased lighting

#### **Off Port Property Rodent Infestation**

1. Container Storage Yards
2. Truck & chassis staging areas
3. Dredging materials storage locations

#### **Non-Native Species (Ship Hulls, Ballast & Trash)**

1. Fish & Shell Fish
2. Plants
3. Insects

