

Long Beach Harbor Department Green Port Environmental Policies

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Environmental Policies

- Protect the community from harmful side effects of Port operations
- Distinguish Port as leader in environmental stewardship and compliance
- Promote sustainability
- Employ best available technology to minimize environmental impacts
- Engage and educate the community

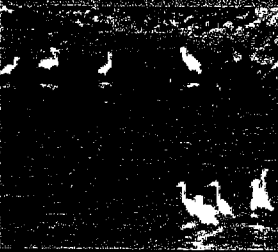


AIR



**Goal/Metric/
Programs**

WATER




**Goal/Metric/
Programs**

WILDLIFE



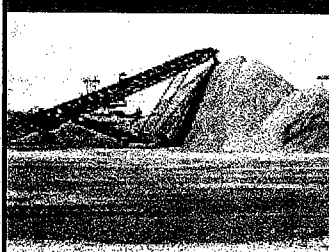
**Goal/Metric/
Programs**

**SOIL/
SEDIMENT**




**Goal/Metric/
Programs**

SUSTAINABILITY



**Goal/Metric/
Programs**

**COMMUNITY
ENGAGEMENT**



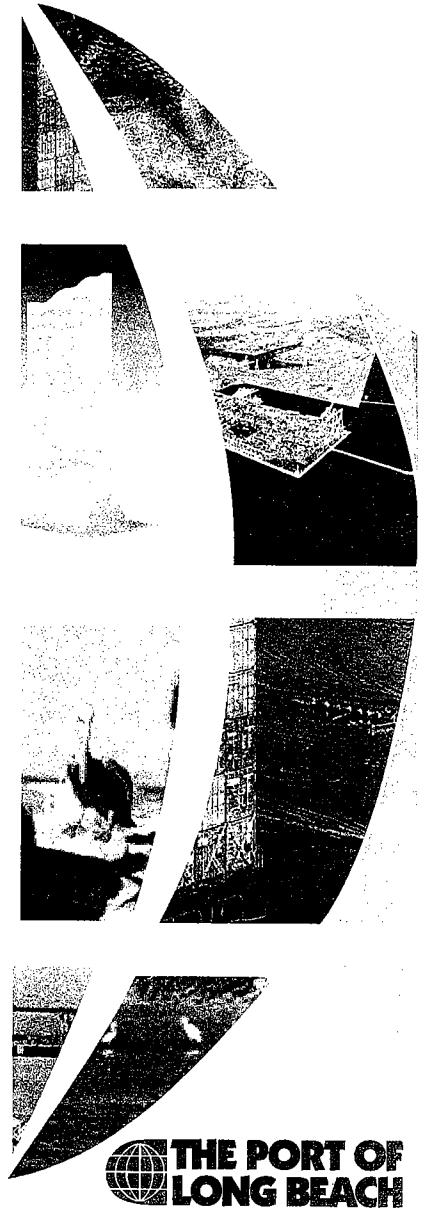
**Goal/Metric/
Programs**

Framework for Board Environmental Policies

- **Policies**
- **Goals**
- **Metrics**
- **Programs**
- **Incentives**
- **Legislative Proposals**
- **Periodic Reporting**

Adopted Policies

- Protect the Community From Harmful Effects of Port Operations
- Distinguish Port as Leader in Environmental Stewardship and Compliance
- Promote Sustainability
- Employ Best Available Technology to Minimize Environmental Impact
- Engage and Educate the Community



AIR

Goal: Reduce Air Emissions From Port Activities

Metric: Emissions per ton of cargo handled

Programs:

- Cold Ironing/Clean Fuels Implementation Programs
- Electric Dredging
- Clean Construction
- Revised Vessel Speed Program-Green Environmental Achievement Awards
- West Coast Sulfur Emissions Control Area (SECA)

WATER

Goal: Improve Quality of Harbor Waters

Metric:

- Continue water quality improvement trend
- Maintain dissolved oxygen levels and water clarity at or above 1985 Baseline

Programs:

- Adopt a Pier/Waterway Cleanup Program
- Dredge Monitoring/Assessment
- Master Storm Water Program
 - ▶ Port liaison/reporting to Water Board
 - ▶ Train participants in pollution prevention
 - ▶ Conduct annual site inspections
 - ▶ Sample/analyze/report storm water discharge

WILDLIFE

Goal: Promote Increased Wildlife Utilization of Harbor Lands and Waters

Metric:

- **Protect, maintain, or restore aquatic ecosystems and marine habitats**
- **Reduce or eliminate the percentage of non-indigenous species (use 2000 Baseline)**

Programs:

- **Ballast Water Management Program**
- **Black-Crowned Night Heron Habitat Restoration**
- **Invasive Species Education/Outreach**
- **Habitat Restoration and Cleanup**
- **Kelp Protection**

SOIL/SEDIMENT

Goal: Remove, Treat or Render Suitable for Beneficial Reuse All Port Contaminated Soils and Sediments

Metric:

- **Acres of contaminated land returned to productive use**
- **Annual tonnage of recycled dredge and structural material**

Programs:

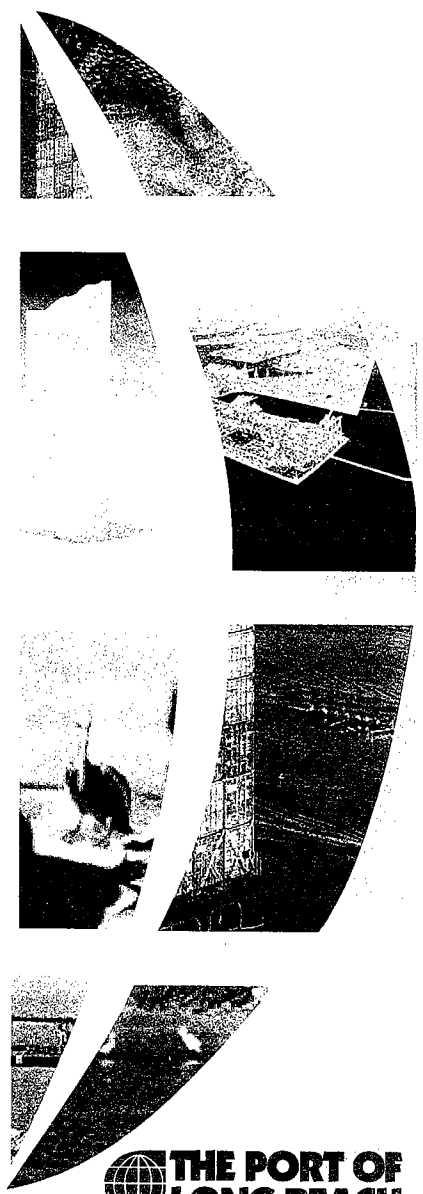
- Remediation of Superfund Sites
 - ▶ 160-acre Pier A and 175-acre Pier S
- Long Beach Naval Complex Cleanup Program
 - ▶ Hazardous Sediment Clean-up
 - ▶ Asbestos Contamination Removal
 - ▶ Contaminated Soil Clean-up
- Dredge Sediment Reuse

SUSTAINABILITY

Definition:

"Development which meets the needs of the present without compromising the ability of future generations to meet their own needs."

*1992 Earth Summit
Rio de Janeiro*



SUSTAINABILITY

Goal: Implement Sustainable Practices in Terminal Design, Development and Operations

Metric: Increase percentage of sustainable programs from a 2004 baseline

Programs:

- Sustainable Design/Construction/Operational practices
- Recycled Water Program
- Waste Recycling Program
- Cutting Edge Technology



COMMUNITY ENGAGEMENT

Goal: Engage and Educate the Community About Port Development Projects & Environmental Programs

Metric: Increase number of outreach programs, opportunities, and number of participants from 2004 levels


Programs:

- Open House Program
- Environmental Science/Engineering Academies
- 4M Program (More Meaningful Mitigation Measures)
- Expand Community Engagement
- Community Based Scoping

Policy Implementation

- **Leasing Policy Modifications**

- **Reporting to Board and City Council on Regular Basis**



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