Los Angeles/Long Beach Ports
Water Resources Action Plan
Plan Advisory Committee (PAC) Meeting

September 17, 2008
1:00 PM
POLA Board of Harbor Commissioners Hearing Room
425 South Palos Verdes Street
San Pedro, CA 90731
Water Resources Action Plan

Watershed

Port Land

Sediment

Water

Watershed
Agenda

• Introductions
• Overview
• WRAP Process
  – Document development
  – PAC role
  – Schedule
• Draft Approach
• Next Steps
• Comments/Questions
Marked improvement of water quality and sediment in San Pedro Bay over past decades

Ports have implemented water and sediment quality programs and conducted studies

Impairments still exist

Need to develop additional proactive strategies to address these impairments and continue water quality improvements
WRAP Overview

WRAP will:

- Integrate existing Port programs
- Identify innovative and proactive methods to meet current and upcoming regulatory requirements
- Identify pollution control measures above and beyond regulatory requirements to improve water quality
WRAP Overview

WRAP scope:

- Identify port- and watershed-related inputs into San Pedro Bay
- Identify and implement control measures for port and tenant activities
- Identify opportunities to influence upstream inputs
- Identify costs and future needs
Potential issues include:

- Inputs from port land uses
- On-water discharges
- Sediment contamination
- Inputs from upstream and outside sources
WRAP Process: Document Development

- POLA & POLB will develop and implement WRAP
- Stakeholder input from Agencies, NGOs, Tenants, and Community (the PAC) will help shape WRAP
- Measures based on feasible technology
- Plan will establish short- and long-term measures
- Performance metrics
WRAP Process: PAC Input

- PAC meetings will be held every 3rd Wednesday of the month to discuss key WRAP issues and progress (location will alternate between Ports)
- PAC to provide verbal input at meetings and additional written suggestions via email
- Key issues raised will be discussed at following PAC meeting
WRAP Process: On-Going Improvement

- Annual review and periodic revisions of WRAP to incorporate new issues and measures
- Performance metrics will be evaluated and reported
<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
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<tbody>
<tr>
<td>Ports begin WRAP discussions</td>
<td>June 2008</td>
</tr>
<tr>
<td>Initiate Stakeholder Input</td>
<td>September 2008</td>
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<tr>
<td>Identify Key Issues</td>
<td>October 2008</td>
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<tr>
<td>Identify Control Measures</td>
<td>November 2008</td>
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<tr>
<td>Draft WRAP</td>
<td>January 2009</td>
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<tr>
<td>Final WRAP</td>
<td>March 2009</td>
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<tr>
<td>To Port Boards for Consideration</td>
<td>April 2009</td>
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Draft Approach for WRAP Issue Areas

• Identify sources
• Determine control measures and responsibility
• Identify metrics to evaluate effectiveness
• Additional measures as necessary
Examples of Sources/Conveyances of Trash

• Outside the port
  - Storm water
  - Wind

• Port landside activities
  - Storm water
  - Wind

• On-water discharges
  - Direct discharge
Examples of Control Measures For Trash

- **Housekeeping**: sweeping, trash cans, trash boat

- **Structural BMPs**: catch basins, wind screening

- **Outreach**: signage, training, brochures, participation
Identify Metrics: Examples for Trash

- Volume of trash removed from harbor
- Number of outreach contacts
- Volume of trash removed from land
- Number of trash cans installed
- Miles of wind screens installed
- Number of storm water inserts installed
- etc.
Next Steps

Provide input to WRAP
- Today, or
- Send comments to
  WRAP@PortLA.org
  or
  WRAP@POLB.com

Next meeting: October 15, 1:00 pm
@ Wilmington Senior Center
  1371 Eubank Avenue
  (corner of PCH and Eubank)

October Meeting Topic: Key Issues