County of Los Angeles
Department of Public Works
Best Management Practices
(BMP) Workshop
Stormwater Pollution Prevention

- NPDES Permit (National Pollutant Discharge Elimination System)
- The County’s role in stormwater pollution prevention
  - Operations
    - Inspections and Enforcement
  - Public Education
• **How does water flow through LA County?**
  – Through a 2,800 mile storm drain network that connects local bodies of water to the ocean

• **What is stormwater?**
  – Rain water that flushes into storm drains (“gutters”)

• **What is stormwater pollution?**
  – Rain water contaminated by soapy water, trash, automobile fluids, etc.
What is the problem?

- Where does stormwater pollution come from?
  - Motor fluids
  - Litter
  - Soapy runoff
  - Improper disposal of hazardous waste
  - Pet waste
What is the problem?
Stormwater Pollution Impacts

- Health risks
- Harm to marine life
- Neighborhood flooding
- Lowers property values
- Financial consequences
Best Management Practices

• What are BMPs?
  – Any process, program criteria, operating method, measure or device which controls, prevents, removes or reduces pollution

• BMPs are best implemented through a stormwater pollution prevention plan
Benefits of BMPs

- Prevent violations
- Reduce clean-up costs
- Increase customer and employee safety
- Help reduce local pollution
- Permit compliance
Stormwater Inspections

• Conducted annually by the County to identify deficient BMPs
• Inspections include a review of:
  – Hazardous waste containers
  – Spill containment
  – Runoff
  – Mop sinks
  – Waste disposal
  – Storm drains
## Inspection Checklist

<table>
<thead>
<tr>
<th>Minimum BMPs Applicable to ALL FACILITIES</th>
<th>Not Implemented</th>
<th>Poorly Implemented</th>
<th>Adequately Implemented</th>
<th>N/A</th>
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<tbody>
<tr>
<td>Termination of all non-stormwater discharge to storm drain</td>
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<tr>
<td>Spill prevention &amp; control procedures in place</td>
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<td>Regular cleaning of storm drainage system</td>
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<td>Absorbent &amp; cleaning materials on hand for use</td>
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Best Management Practices

• **Pollution prevention plan**
  – Spill prevention, control and clean up
  – Waste disposal and handling
  – Building and grounds maintenance
  – Employee training
Implementing a Pollution Prevention Plan

1. Spill prevention, control and clean up

- Do not rinse or hose spills

✓ Use dry clean up for spills
   Utilize sawdust, kitty litter, rags, mops and buckets
Implementing a pollution prevention plan

2. Waste disposal and handling

- Do not pour motor oil into the drains or parking lot

✓ Dispose oil in a hazardous waste container and have your container emptied regularly

✓ Remove hazardous waste material through a registered waste hauler

- Do not allow trash to spill onto sidewalks, parking lots, etc.

✓ Make sure trashcans are covered and emptied regularly
Implementing a pollution prevention plan

3. Building and grounds maintenance

- Do not wash floor mats outside
- Clean mats over a utility sink
- Do not hose parking lot and/or sidewalks
- Mop all areas with a dry mop
- Do not pour mop water into the street
- Pour dirty water into mop sink
- Inspect and clean on-site catch basins
- Clean up litter before it reaches storm drains
Implementing a pollution prevention plan

4. Employee training

✓ Distribute County BMP materials to all employees

✓ Train new employees on BMPs and review guidelines regularly

✓ Serve as a resource to staff members with questions
Implementing a pollution prevention plan
Maintaining your plan

• Continuing employee training
  – Discuss BMPs at staff meetings
  – Hold mock inspections

• Measuring success
  – Successful inspections
  – Knowledgeable employees
  – Cleaner facility and local environment
Questions and Answers
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