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



What is the problem?

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.



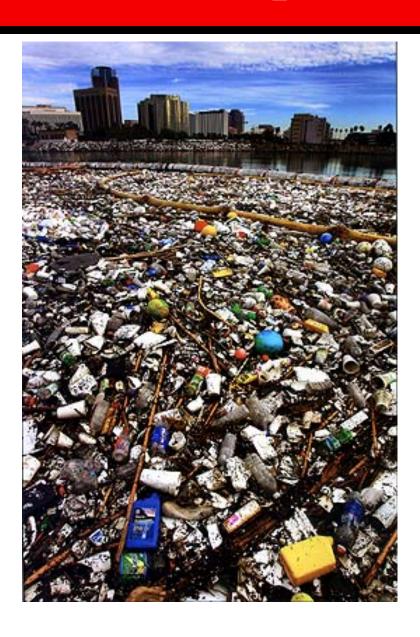
What is the problem?

• 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





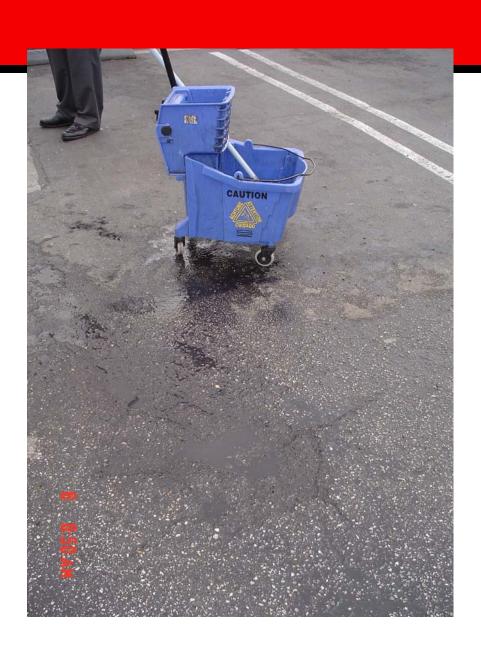


















Inspection Checklist

Minimum BMPs Applicable to ALL FACILITIES	Not Implemented	Poorly Implemented	Adequately Implemented	N/A
Termination of all non- stormwater discharge to storm drain				
Spill prevention & control procedures in place				
Regular cleaning of storm drainage system				
Absorbent & cleaning materials on hand for use				



Best Management Practices

Pollution prevention plan

- Spill prevention, control and clean up
- Waste disposal and handling
- Building and grounds maintenance
- Employee training



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



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



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



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









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







Questions and Answers

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