

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 5,000 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 cooking grease, soapy water, trash, automobile fluids, etc.

What is the problem?

- **Where does stormwater pollution come from?**
 - Cooking grease
 - 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:
 - Grease 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				

Inspection Checklist

Minimum BMPs Applicable RESTAURANTS	Not Implemented	Poorly Implemented	Adequately Implemented	N/A
Does not pour oil or grease onto parking lot or street catch basin				
Removes food waste from parking lot areas in a sanitary manner that does not discharge to storm drain				
Does not allow illicit discharges				

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

- Avoid placing grease down the garbage disposal
- ✓ Dispose of greasy food/waste in the trashcan
- ✓ Make sure trashcans are covered and emptied regularly
- Do not pour grease/oil into the drains or parking lot
- ✓ Dispose of grease/oil in grease container and have your container emptied regularly
- Do not allow trash to spill onto sidewalks, parking lots, etc.

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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