Employee Training

- Train all employees about the importance of pollution prevention
- Train all maintenance employees about their responsibilities to implement the Stormwater Pollution Prevention Plan
- Train employees in applicable BMPs and the proper use of site specific equipment and resources

Maintaining Your Stormwater Pollution Prevention Plan

- Conduct annual employee training
- Discuss the Stormwater Pollution Plan at staff meetings
  - Changes in BMPs
  - Deficiencies found during inspections and corrective measures
- Maintain Records
  - Keep copies of training attendance rosters
  - Keep maintenance records for stormwater structural controls and onsite treatment systems
  - Copies of inspection reports
- Measure Success Through:
  - Successful inspections through tracking findings and following up on corrective actions
  - Knowledgeable and responsible employees
  - Permit compliance
  - Cleaner facility and environment

www.mtamaryland.com

IMPORTANT PHONE NUMBERS

For further information about MTA's Stormwater Program contact:

Office of Safety, Quality Assurance & Risk Management
410-454-7140

To report illegal dumping to storm drains or other Environmental issues or Safety concerns call:

Safety and Environmental Hotline
410-454-7150

Martin O'Malley, Governor

Office of Safety, Quality Assurance and Risk Management

MTA Maryland

Maryland Department of Transportation

11/09 4K

MARYLAND TRANSIT ADMINISTRATION

STORMWATER POLLUTION PREVENTION

BE ON THE MTA GREEN TEAM –
HELP MINIMIZE MTA'S IMPACT ON OUR STREAMS, RESERVOIRS AND THE CHESAPEAKE BAY

Brought to you by the Office of Safety, Quality Assurance & Risk Management

YOUR RIDE IS HERE.

MTA Maryland

Maryland Department of Transportation

What is Stormwater?

Stormwater is rainfall or melting snow/ice that flows overland into the storm sewer system and is discharged to streams, rivers, lakes and bays.

What is Stormwater Pollution?

Stormwater pollution occurs when rain runoff is contaminated by motor oil, fuel, detergents, trash, sediment, grass clippings, salt, fertilizers or other chemicals or nutrients.

Why is Stormwater Pollution a Concern?

If you enjoy water sports, hunt, fish or consume seafood Stormwater Pollution can affect you. Every year beaches and shellfish harvest areas are closed because of stormwater polluted with sewage and harmful bacteria.

What are the Sources of Stormwater Pollution?

Spilled motor fluids

- Oil
- Hydraulic fluid
- Coolants
- Transmission fluid

Yard Waste

- Grass clippings
- Leaves
- Compost runoff
- Pet waste

Improper storage and disposal of hazardous material

- Battery storage (used and new)
- Chemical storage
- Outdoor used parts storage (Yard areas)

Bulk material storage

- Salt
- Mulch
- Fertilizer
- Compost
- Aggregates

Sanitary Waste

- Sanitary sewer overflows
- Malfunctioning septic systems

Agricultural runoff and waste

- Fertilizers
- Feed lot waste
- Soil/sediment

Vehicle wash water runoff

What are the Problems Associated with Stormwater Pollution?

Stormwater pollution affects us all in the following ways:

- Clean up/remediation costs
- Impacts human health
- Recreational beach closures
- Marine life impacts (fish kills)
- Localized flooding from blocked drains

What are Best Management Practices (BMPs)

Any process, program criteria, operating method, measure, structure or device that controls, prevents, removes or reduces pollution.

Examples of BMPs:

- Good housekeeping
- On site treatment
- Preventive maintenance
- Visual inspections
- Spill prevention and response procedures
- Sediment and erosion control
- Runoff management
- Employee training
- Record keeping

What are the Benefits of BMPs

- Prevent violations of environmental regulations
- Reduce clean up costs
- Increase customer and employee safety
- Add intrinsic value to surroundings
- Help reduce or prevent pollution
- Ensure permit/regulatory compliance

What Comprises a Stormwater Pollution Prevention Plan?

- BMPs
- Spill prevention, control and clean up
- Waste disposal and handling
- Facility and grounds maintenance
- Vehicle maintenance
- Employee training

How is a Stormwater Pollution Prevention Plan Implemented?

Spill prevention, control and clean up.

- Monthly facility inspections that include the following:
  - spill containment kits
  - secondary containment
  - parking lot for oil spots from minor leaks
  - dumpsters and scrap bins
  - storm drains/catch basins
- Don't rinse or hose down spills, instead use dry clean up procedures:
  - granular absorbents
  - absorbent pads
  - dry rags
  - mops

Proper waste disposal and handling.

- Dispose of used absorbents per MTA SOPs
- Outdoor trash containers should be closed when not adding material
- Properly dispose of hazardous waste through MTA waste disposal contractors
  - Do not pour hazardous wastes or hazardous materials down drains
  - Do not place hazardous waste/materials in trash bins or dumpsters
- Do not store retired equipment or vehicles in outdoor yard/parking areas

Building, grounds and equipment maintenance.

- Do not wash anything over storm drains
- Do not spray off radiators or engine blocks
- Do not hose down shop floors or power wash parking lots or sidewalks with detergents or cleaning solutions
- Do not over fertilize landscaped areas
- Do not pour cleaning solutions or dirty wash water into the streets or paved lot areas
- Inspect and clean stormwater catch basins
- Pick up trash and debris from the exterior lot areas
- Properly operate and maintain on site treatment systems (grit/oil separators)