

**Storm Water Pollution Prevention
Clean Water: Our Only Choice**

The City of Bartlett has two drainage systems – the sewers and the storm drains. The storm drain system was designed to prevent flooding by carrying excess rainwater away from streets, homes, and businesses. Because the system contains no filters, it also serves the unintended function of carrying urban pollution straight into our streams and eventually the Mississippi River.

This pamphlet provides examples of how you can reduce or eliminate pollution from entering our streams from “storm water” or “urban runoff”.

Rain, industrial and household water mixed with urban pollutants creates storm water pollution. The pollutants include: oil and other automobile fluids, paint and construction debris, yard and pet wastes, pesticides and litter.

Urban runoff pollution eventually flows to the Mississippi River through the storm drain system that takes water and debris straight from the streets to our streams. Each day tremendous amounts of polluted urban runoff enters our streams untreated, leaving toxic chemicals in our creeks and rivers and tons of trash along their banks.

Urban runoff contaminates our streams and rivers, harms aquatic life and increases the risk of flooding by clogging our storm drains and catch basins. Overall, storm water pollution costs us millions of dollars per year.

These Best Management Practices (BMPs) will help reduce storm water runoff pollution and ensure cleaner streams and river, and a cleaner City of Bartlett. For more storm water information, call the Storm Water Coordinator, 385-6499.

For more information please visit our website at:
<http://www.cityofbartlett.org> or
<http://tn.gov/environment/water.shtml>

Hazardous Spill Response

City of Bartlett Fire Dept
911 or (901) 385-5555

To Report Illegal Dumping

City of Bartlett
(901) 385-5555

To Report a Drainage Problem

Department of Public Works
(901) 385-5570

Storm Water Program Information

Department of Engineering and Utilities
(901) 385-6499

Mosquito Control

Memphis & Shelby County Health and Sanitation Dept.
(901) 222-2300

Material printed by the City of Bartlett
Department of Engineering and Utilities



This brochure is one of a series of pamphlets describing storm water pollution prevention measures. Other pamphlets include:

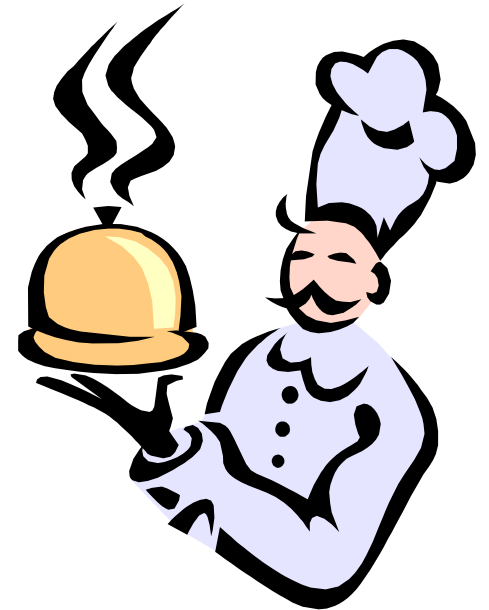
- Landscaping, Gardening & Pest Control**
- Automotive Maintenance & Car Care**
- Heavy Equipment & Earth-Moving Activities**
- Detention Basin Maintenance**
- Home Repair & Remodeling**

For more information or assistance, call or write:

City of Bartlett
Department of Engineering & Utilities
6382 Stage Road, Bartlett, TN 38134-3739
901-385-6499
<http://www.cityofbartlett.org>

City of Bartlett Storm Water Management Division
6382 Stage Road
Bartlett TN 38134-3739
(901) 385-6499

**Storm Water
Best Management
Practices
(BMPs)**



Food Service Industry

Brochure 2

Restaurants
Grocery Stores
Bakeries
Food Producers & Distributors

Problems

The by-products of food-related businesses can harm our streams and aquatic life if they enter the storm drain system. Food businesses can cause harm by putting food waste in leaky dumpsters, not cleaning up outdoor food or chemical spills, or by washing outdoor spills into the storm drain system.

Other routine activities such as cleaning oily vents and operating and maintaining delivery trucks are sources of pollution, unless proper precautions are taken. When it rains, motor oil that has dripped onto the parking lots from business and customer vehicles is washed into our streams and river via the storm drain system.

Oil and grease can clog fish gills and block oxygen from entering the water. Also, toxins found in oven and floor cleaners can, in high concentrations, harm aquatic life.

Solutions

1. Keep Work Sites Clean

Best Management Practices such as handling, storing, and disposing of materials properly can prevent pollutants from entering the storm drain

Wash greasy equipment such as vents and vehicles before storing outside and only in designated wash areas properly connected to the sanitary sewer system with an appropriate oil/water separator. For more information concerning requirements for discharging into the sanitary sewer, please call **Memphis & Shelby County Health Department at 222-2300** or the **City of Bartlett Department of Code Enforcement at 385-6425**.

2. Minimize Wastes

Use non-disposable products. Serve food on ceramic dishes rather than paper, plastic or Styrofoam and use cloth napkins rather than paper ones. If you must use disposable products, use paper instead of polystyrene foam.

Buy the least toxic products available.

- ◇ Look for “non-toxic”, “non-petroleum based”, “free of ammonia, phosphates, dye or perfume”, or “readily biodegradable” on the label.
- ◇ Avoid chlorinated compounds, petroleum distillates, phenols and formaldehyde.
- ◇ Use water-based products.
- ◇ Look for “recycled” and “recyclable” containers.

3. Parking Lot Drainage

Cover, repair or replace leaky dumpsters and compactors, and/or drain pavement beneath them to the sanitary sewer. Rain can wash oil, grease and other substances into the storm drain system.

Clean up leaks, drips and other spills immediately. This will prevent contaminants from leaving the pavement.

Never hose down “dirty” pavement or surfaces where materials have spilled. Use dry cleanup methods whenever possible.

4. Recycle Wastes

Purchase recycled products. By doing so, you help ensure a use for the recyclable materials that people collect and recycle.

Recycle the following materials:

- ◇ Food waste (non-greasy, non-animal food waste can be composted)
- ◇ Paper and cardboard
- ◇ Aluminum and plastic
- ◇ Oil and grease

Separate waste. Keep your recyclable wastes in separate containers according to the type of material. They are easier to recycle if separated.

Recycle oil and grease wastes. Never dump them down storm drains or on the ground. Look in the yellow pages for “rendering companies” or “oils-waste”.



FOR INSPECTION OF RESTAURANTS, GROCERY STORES, BAKERIES, AND FOOD PRODUCERS OR DISTRIBUTORS:

Call the Memphis and Shelby County Health Department 222-2300.



5. Employee & Client Education

Employees can help prevent pollution when you include urban runoff training in employee orientations and reviews. Promote these Best Management Practices (BMPs):

- ◇ Storage containers should be regularly inspected and kept in good condition.
- ◇ Store materials inside a building or build a covered area that is paved and designed to prevent runoff from entering storm drains.
- ◇ Place temporary plastic sheeting over materials or containers and secure the cover with ties and weighted objects. (Not appropriate for storing liquids.)
- ◇ Place materials inside rigid, durable, water-tight and rodent-proof containers with tight fitting covers.

Post BMPs where employees and customers can see them. Showing customers you protect our streams and river is good public relations.

Explain BMPs to other food businesses through your business associations or chambers of commerce.