

How You Can Help

Do Not Use Fertilizer June 1 - Sept. 30

It is against the law to apply fertilizer to your lawn in the City of Melbourne from June 1 through September 30. This regulation was enacted in order to keep harmful nutrients found in fertilizer from washing off from lawns into storm drains and ultimately into the Indian River during the rainy summer months.

Do Not Blow Grass Clippings Into Streets/Storm Drains

It is illegal to blow grass clippings into City of Melbourne streets and storm drains, gutters, ponds or water bodies. Instead blow them back into your yard or bag or compost them.

Penalties include a fine of \$200 for violating these ordinances.

Questions?

Call the Stormwater Hotline: (321) 608-7341.



SAVE THE INDIAN RIVER LAGOON

How You Can Help

We all have a role to play in protecting the Indian River Lagoon, especially when maintaining our lawns. Certain practices are particularly detrimental to the lagoon and have been banned in the City of Melbourne.

THE INDIAN RIVER LAGOON WHAT IT MEANS TO OUR ECONOMY

- The Indian River Lagoon contributes \$731 million per year to the region's economy.
- Lagoon fishing grounds account for \$300 million in fishery revenues. The IRL is the most popular fishing destination in Florida, attracting more than 1 million anglers per year.
- Recreational activities in the Indian River Lagoon contribute \$465 million to Brevard's economy.

For more information, visit:
www.melbourneflorida.org/stormwater

REPORT POLLUTION!

**Call the hotline if you observe
any of the following:**

- **Illegal Dumping**
- **Trash & Debris**
- **Foul Smells**
- **Spills**
- **Unusual Colors**
- **Cloudiness**

**STORMWATER POLLUTION
HOTLINE - (321) 608-7341**

City of Melbourne Stormwater Utility
900 East Strawbridge Avenue
Melbourne, FL 32901
(321) 608-7300

AN IMPORTANT MESSAGE REGARDING MELBOURNE'S ILLICIT DISCHARGE AND CONNECTION ORDINANCE
THAT MAY AFFECT YOUR BUSINESS.

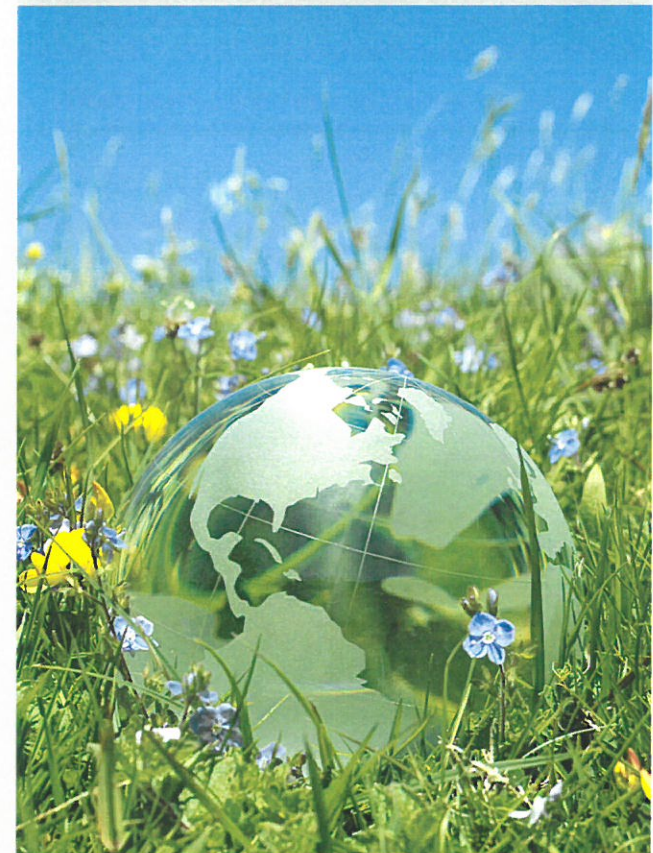


City of Melbourne
NPDES Stormwater Program
900 E. Strawbridge Ave.
Melbourne, FL 32901

Stormwater Pollution Prevention
Best Management Practices

LANDSCAPING & LAWN MAINTENANCE INDUSTRY

BMPs



An important message from the
City of Melbourne about stormwater
pollution laws and how they
can affect your business.

Common Stormwater Pollutants from the Landscape & Lawn Maintenance Industries

Routine activities like fertilizing the grass, applying pesticides, overwatering, and blowing lawn clippings into the street are a major source of stormwater pollution. Every time it rains, excess rainwater carries these contaminants into the stormwater sewer system, which leads directly to our waters.

Lawn clippings blown onto paved surfaces create a huge problem. Besides clogging storm drains which could lead to localized flooding, the clippings carry chemicals that contaminate the water. As the organic waste starts to decompose, it absorbs dissolved oxygen in the water, which kills aquatic life.

You can do your part to help restore these waters by implementing Best Management Practices to prevent stormwater pollution.



▲ Violation of local, state, and federal laws.

Best Management Practices

1. Dispose of yard debris properly by keeping lawn clippings, leaves and debris out of street gutters. It is illegal to blow clippings onto paved areas, including streets and parking lots. Practice grasscycling by blowing grass clippings back onto the lawn where they will quickly decompose, returning valuable nutrients to the soil. When off-site disposal is required, dispose of at a recycling or compost facility.

2. Apply pesticides according to the label and only when needed.

3. Mow grass to proper height and frequency to maintain turf health and minimize fertilizer and pesticide use.

4. Aerate lawns to improve water and nutrient uptake, reducing runoff and compaction.

5. Use organic mulch to reduce water loss through evaporation, prevent erosion, suppress weeds and improve the soil for plant growth.

6. Choose native and/or Florida friendly plants that are drought tolerant and pest resistant when developing your landscape. Native plants require less water, fertilizer and pesticides. Furthermore, exotic plants can potentially invade local waterways. For assistance in choosing your landscape materials, a helpful resource can be found at Floridaswater.com where you can find a waterwise plant list featuring more than 800 species. Local nurseries can also assist in choosing appropriate plant species.

7. Plant non-turf areas where possible because lawns require more water and maintenance than wildflowers, shrubs, and trees.

8. Use Integrated Pest Management techniques to prevent pest damage with the least risk of environmental damage.

9. Use low-volume watering approaches where possible such as drip-type or micro-irrigation systems. Water plants only when needed to enhance plant root growth and avoid runoff problems. Much of the water that is applied to lawns is not absorbed. If it is applied too quickly, it is lost to runoff. Make sure irrigation timers are set to comply with Melbourne's watering restrictions.

10. Shut off and adjust an irrigation system when water falls or runs onto impervious surfaces such as streets, sidewalks, or driveways. Maintain the irrigation system for optimal performance.

In the City of Melbourne it is against the law to use fertilizer:

- **From June 1- September 30**
- **Within 15 feet of a water body**
- **That contains Phosphate**

Only use slow-release fertilizer with Nitrogen of not less than 50%

ILLICIT DISCHARGE ORDINANCE HOW IT AFFECTS YOUR BUSINESS

Continuing its commitment to prevent stormwater pollution from entering community waters, Melbourne City Council recently adopted the Illicit Discharge & Connection Ordinance, which establishes rules and provides for penalties to prohibit illicit discharges and connections into the storm sewer drain system.

ILLICIT DISCHARGE: It shall be unlawful for any person to throw, drain, or otherwise discharge any pollutants or waters containing pollutants into the City's storm drain system – whether such discharges occur through piping connections, runoff, exfiltration, infiltration, seepage or leaks.

ILLICIT CONNECTION: No Person may maintain, use or establish any direct or indirect connection to any storm sewer owned by the city that results in an illicit discharge. This section is retroactive, and applies to all illicit connections made in the past regardless of circumstances. A common source of pollution is a floor drain improperly connected to a storm drain.

ENFORCEMENT: Your facility may be selected for a random spot inspection. It may also be inspected as a result of observed behavior by city staff, as a result of illicit discharge detection in your immediate area, or as a result of a call received from the City's illicit discharge hotline.

PENALTIES: Those found in violation could be subject to: abatement and restoration; prosecution before the Code Enforcement Board; fines, penalties and any other punishment described in City Code, Section 1-10; and cost recovery for water sampling, monitoring, and other remediation expenses.

Take steps now to ensure compliance. Start by identifying and removing any illicit connections to the storm system. Develop a pollution prevention plan and train your employees to use Best Management Practices. **For guidance, ideas, and tips, visit our website at:**

www.melbourneflorida.org/stormwater

THE INDIAN RIVER LAGOON WHAT IT MEANS TO OUR ECONOMY

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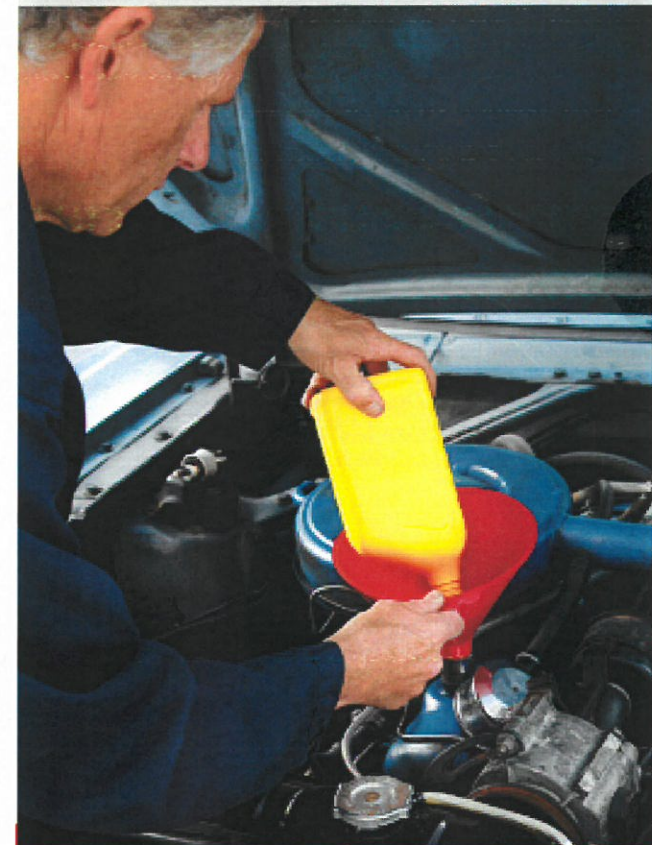


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Stormwater Pollution Prevention
Best Management Practices

AUTOMOTIVE INDUSTRY

BMPs



An important message from the
City of Melbourne about stormwater
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Common Stormwater Pollutants from the Automotive Industry

Did you know that every time it rains, or every time you hose down your shop or parking lot, pollutants such as **automobile fluids, gasoline, grease, oil, asbestos from brake linings, zinc from tires, metal shavings, cleansers, trash and other debris** run directly into the stormwater sewer system? Our stormwater sewer system carries these pollutants untreated directly to the Indian River Lagoon, Eau Gallie River, Crane Creek, Lake Washington and Horse Creek.

The automotive industry – including car dealerships, auto repair shops, body shops and auto detailing businesses – is a leading producer of hazardous waste. Automobile repair and maintenance shops generate waste when they clean vehicles and auto parts, change vehicle fluids, and repair and replace equipment. These activities can be harmful to our environment if best management practices are not used.

You can do your part to help restore these waters by implementing Best Management Practices to prevent stormwater pollution.

Best Management Practices

1. Changing Fluids. Use drip pans and trays when changing fluids or when there is a chance of fluids leaking. Always use a funnel when pouring liquids and place a drip pan or tray under spouts of liquid storage containers.

2. Parts Cleaning. Scrape parts with a wire brush instead of using liquid cleaners. If you must use liquid cleaners, arrange drip pans and drying racks so cleaning fluids are directed back into the fluid holding tank. Do not wash parts or equipment in a parking lot, driveway, or street.

3. Grinding, Polishing, Sanding. These activities should always be done indoors. Capture metal filings by keeping a bin under your lathe or grinder. Send uncontaminated filings to a scrap metal recycler for recycling. Never store filings outdoors. When sanding, use vacuum sanding equipment.

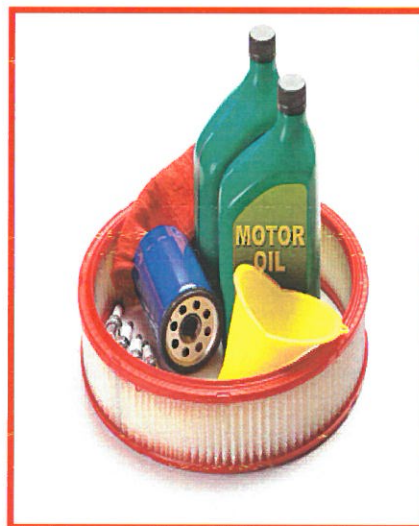
4. Painting. Do all vehicle painting indoors. Use primers and paints with lower zinc content. Minimize use of hose-off degreasers.

5. Leaks and Spills. Clean up spills immediately with absorbent materials and dispose of properly. Do not use water to clean work areas. Use dry sweeping methods and absorbent cleaning agents.

6. Cleaning Floors. Sweep the floors rather than mop. If you must mop, first clean up all drips and spills, sweep or vacuum to remove dust, and then mop with a minimal amount of water. Dispose of water to the sanitary sewer system through a drain or permitted treatment system. Never dispose of mop water outside.

7. Proper Storage. Storage containers should be checked for leaks and spills on a routine basis. Store chemicals and used parts under cover or inside to prevent contact with rainwater. Use additional bottom containment when storing outdoors.

8. Recycle. Make a commitment to recycle oil, fluids, solvents, used oil filters, and batteries. Keep liquid wastes segregated. You may not be able to recycle some fluids if they are mixed.



9. Washing Vehicles. Do not allow any wash water to enter a storm drain. Designate a paved wash area and direct water to the sanitary sewer system or a vegetated area. Be sure to protect nearby stormwater drain inlets. Water escaping toward inlets should be vacuumed up. Do not change oil or other fluids in this area. Wash vehicles with biodegradable, phosphate-free detergent. NOTE: Engine steam cleaning and degreasing may only be performed at a facility designed to capture the hazardous wastes generated in the process.

10. Remove Illicit Connections. Illicit connections are conveyances to the stormwater system, typically from indoor sinks and drains. These are illegal, even if previously permitted. Inspect your facility thoroughly and know what system your drains connect to. Remove all illicit connections. Please call us if you would like assistance in inspecting your facility.

ILLICIT DISCHARGE ORDINANCE HOW IT AFFECTS YOUR BUSINESS

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Take steps now to ensure compliance. Start by identifying and removing any illicit connections to the storm system. Develop a pollution prevention plan and train your employees to use Best Management Practices. **For guidance, ideas, and tips, visit our website at:**
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FOOD SERVICE INDUSTRY

BMPs



An important message from the
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Common Stormwater Pollutants from the Food Industry

Did you know that every time it rains, or every time you dump mop water outside, wash kitchen mats or containers outside, or hose down sidewalks, pollutants such as **food particles, grease, oil, cleansers, pesticides, trash and debris** from your dumpster and other sediment run directly into the stormwater sewer system? Our stormwater sewer system carries these pollutants untreated directly to the Indian River Lagoon, Eau Gallie River, Crane Creek, Lake Washington and Horse Creek.

Stormwater runoff is the number one threat to our waterways. Clean water is critical to our fishing industries, recreational activities, and diverse wildlife!

You can do your part to help restore these waters by implementing Best Management Practices to prevent stormwater pollution.



Best Management Practices

Fats, Oil, and Grease (FOG)

Regular maintenance and service of your sewer lines and grease trap interceptor will help prevent sewer overflows to the storm drain system.

- Do not pour FOG into floor drains, sinks, or into parking lot inlets.
- Use dry methods for oil or grease cleanup such as kitty litter or towels.
- Maintain grease traps!
- Recycle grease and oil.



Garbage Dumpsters

- Always use garbage bags or trash cans.
- Do not rinse out dumpster! Request that your waste hauler exchange the dirty dumpster for a clean one.
- Keep dumpster lids closed and secure.
- Ensure dumpster drain plug is securely in place.
- Keep the area around the dumpster clean.
- Avoid placing liquids or FOG in the dumpster
- Do not overfill the dumpster.

Proper Cleaning

- Always empty washwater and mop buckets into the mop sink or floor drain.
- Clean floor mats and garbage cans in a mop sink or floor drain. **DON'T** wash them in a parking lot, alley, sidewalk or street.
- Regularly inspect for and clean trash from outside the restaurant.
- Use the least toxic cleaning products.

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