

# Stormwater Runoff

Unlike sewer systems, stormwater runoff is not treated. It occurs when precipitation flows over surface areas, collecting various contaminants, and ending up in the storm drain. This includes: litter, pet waste, fertilizers, pesticides, yard waste and other pollutants. Impervious surfaces like driveways and streets direct the flow of stormwater runoff to the storm drain, eventually making its way to local waterbodies.



# Stormwater Management

To reduce the amount of stormwater runoff and contaminants entering our waterways, you can make simple changes around your home to improve water quality. These management measures can take place in and around your residence. Inside, you will find some helpful tips to get you started!

For more information on stormwater management and stormwater resources, please contact the Greater Egypt Regional Planning & Development Commission:

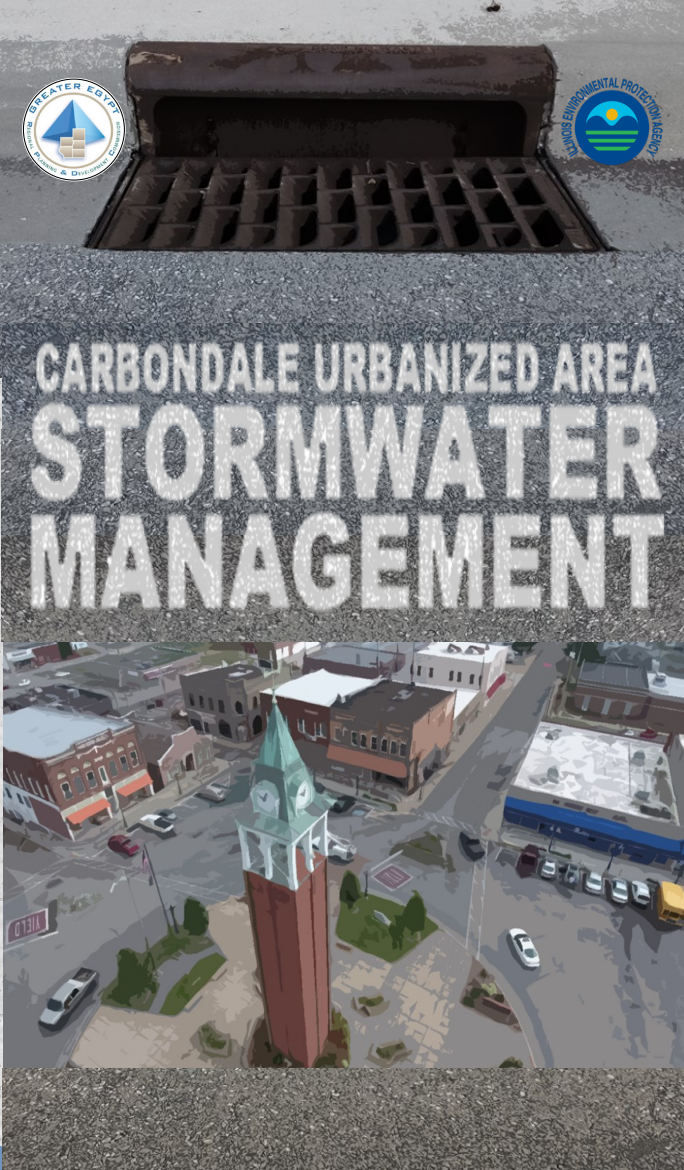


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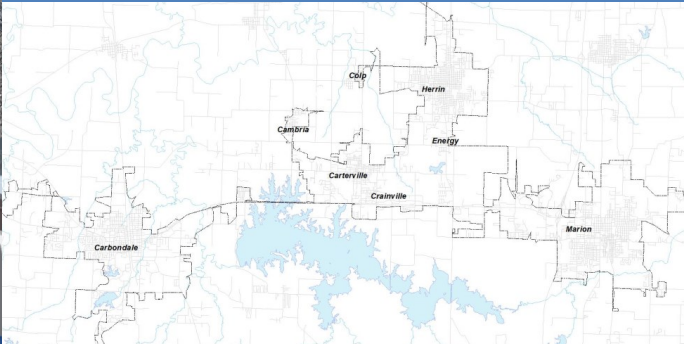
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# Carbondale Urbanized Area

The Carbondale Urbanized Area is comprised of eight cities and villages that stretch from Carbondale to Marion. Smaller municipalities include: Cambria, Carterville, Crainville, Colp, Energy and Herrin. With a dense system of road systems and urban surfaces, stormwater runoff is a potential problem for the area.



The Carbondale Urbanized Area is characterized by a large network of waterbodies that includes: Crab Orchard Lake, Carbondale Reservoir, Campus Lake, Herrin Old Lake, Crab Orchard Creek, Hurricane Creek, Little Crab Orchard-West, and Piles Fork Creek. Since stormwater affects all of these waterbodies, it is important to mitigate the impact of runoff.





# You Can Manage Stormwater!

*Small changes can have a big impact on stormwater runoff*

## Around the Home



Dispose of household chemicals properly by recycling or taking them to a designated collection facility.



If you are on a septic system, follow the guidelines for routine maintenance. The EPA recommends pumping every three to five years.



Maintain discarded pool water on your property or by sanitary sewer. Do not backwash into the street or directly into storm drain.



Rain barrels capture rainwater from rooftops. This alleviates overflow into storm drains. This water can also be stored and used on lawns or gardens.

## Lawn and Garden



Properly dispose of pet waste by flushing in toilet or emptying in a receptacle. Pet waste contains bacteria and other nutrients that can end up in storm drains.



Rake grass clippings and other yard debris to compost or mulch. In some municipalities, you can also arrange a collection rather than sweeping it into the street.



Apply fertilizers and pesticides at recommended levels. Do not overwater lawn as this could lead to the chemicals running off of lawn.



If your property adjoins a waterbody, allow some growth between your yard and the bank. This creates a vegetative buffer that filters nutrient runoff.

## Garage and Driveway



Use a car wash instead of washing your vehicle in the driveway. Alternatively, you can wash it in the yard where the water will infiltrate the lawn.



Maintain your vehicle to prevent leaks. If you notice a spill or leak, use sand or cat litter to absorb the liquid rather than rinsing it into the driveway and street.



Store vehicle fluids and oils properly. Like household chemicals, if you have unused fluids, dispose of properly by taking them to a designated recycling facility.



Education and information is also an important component of stormwater management. Stenciling on or near storm drains raises awareness of stormwater management.

## Environmental Information

Various programs are available in our area for the collection of yard refuse and hazardous materials including spring/fall cleanups and collection drives. Please contact your local office for more information:

**Cartersville**  
City Hall  
(618) 985-2252

**Carbondale**  
Maintenance and  
Environmental Services  
(618) 457-3275

**Herrin**  
Public Works  
(618) 942-2255

**Marion**  
Street Department  
(618) 993-3487

**Franklin-Williamson Bi-County  
Health Department**  
Environmental Health  
(618) 993-8111

**Jackson County Health Department**  
Environmental Health Division  
(618) 684-3143 (ext. 128)

Recycling centers in our area also take in various items. Please call or visit their webpage to see what materials are accepted.

**Cimco Recycling**  
Carbondale: (618) 457-6319  
Marion: (618) 998-1111  
[cimcoresources.com](http://cimcoresources.com)

**Southern Recycling Center**  
Carbondale: (618) 549-2880  
[southernrecyclingcenter.com](http://southernrecyclingcenter.com)