



# Stormwater Matters

## City of New Albany, Indiana

APRIL 2010

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### New Albany Stormwater Master Plan Is Available for Review

The City of New Albany with the assistance of Stantec Consulting Services, Inc. has completed the final draft of the New Albany Stormwater Master Plan. An electronic copy of the plan is available for public review on the City of New Albany Stormwater Website at [www.newalbanystormwater.org](http://www.newalbanystormwater.org). Two hard copies of the plan are available in the Utility Billing Office, located on the 3rd floor of the City County Building at 311 Hauss Square and at the library on Spring Street. The City of New Albany Stormwater Board is encouraging the public to review the plan and provide feedback through the City of New Albany Stormwater website and during a public meeting to be held on April

27, 2010 at 6:00 p.m. on the 3rd Floor of the City Council Room, of the City County Building, located at 311 Hauss Square.

The last master plan for the City was completed in 1992. Since then, the City has experienced significant rain events including several in 2009. With these increased rain events the City has observed flooding in various areas of the City.

The purpose of this plan was to develop a document that would identify capital improvements projects to improve drainage within the City and to serve as a road map for long range planning and financing for the City's drainage program. The plan identifies projects in the

City's four major watersheds: Falling Run, Middle Creek, Silver Creek, the Ohio River.

There are two components to this plan. The first was to develop a tool that would assist the City to determine the appropriate pipe sizes, when the City is replacing infrastructure. The second component was to model the system and develop a plan for future projects. Future projects include detention/retention basins, improvements in infrastructure, routine maintenance, and regional solutions.

Once adopted, this Master Plan will also play a role in water quality. Improvements in drainage will mean less pollutants entering the MS4 system.

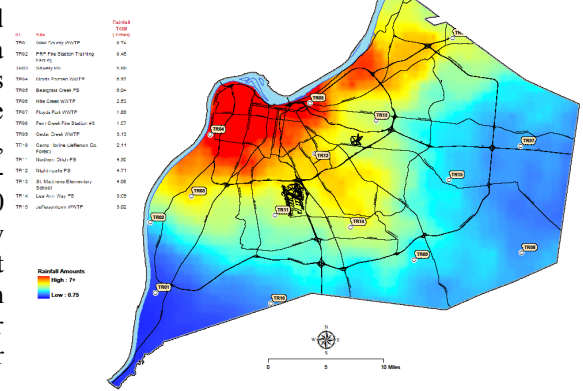


The City of New Albany experienced significant rain events during the spring and summer of 2009. The most notable being the August 4, 2009 rain event. Many residents may have heard that some of these storms were "100 year" storms. The National Weather Service (NWS) has an established criterion that is used to categorize different rain events. This includes the "100 year" storm. This means that this type of rain event has a 1% probability of occurring in an year. In South-

ern Indiana, the "100 year" storm is defined as approximately 6.2 inches of rainfall in a 24-hour period. The NWS also categorizes storms based upon shorter, more intense periods of rainfall. For example, a 1-hour, 100-year event would produce approximately 2.8 inches of rainfall. A 3-hour, 100 year event would produce approximately 3.8 inches of rainfall. The rain gauges at MSD's Morris Forman Plant in Western Louisville recorded 4.88 inches in one hour and 6.52 inches in three hours. This far exceeds the 100 year event for this area.

### 2009 Rain Events

Approximate Rainfall for the Period of: 08/04/2009 12:01 AM - 08/04/2009 11:59 PM



## Proper Disposal of Household Chemicals

Did you know that the chemicals that we use around our homes and in our gardens can impact water quality? However, with a few simple changes, we can all do our part to protect our local waterways.

In our yards we should perform a soil test to determine the amount and the type of fertilizer that our lawns may need. Following the directions and adhering to the warnings on pesticide labels is also important. The labels on pesticides and household chemicals provide warnings regarding impacts to humans, animals and habitats. These chemicals can impact aquatic life by disrupting natural stream processes, killing wildlife, etc. In addition, excessive use can impact the health of our lawns. If used too much, pesticides can kill

natural predators, therefore causing continued reliance on the pesticide. Household hazardous wastes can poison microbes and bacteria that break down the constituents of waste water, impacting the treatment all of the wastes that the wastewater treatment plants receive. These wastes, when disposed of in surface waters or storm drains, destroy the aesthetics of our waterways, impact aquatic life, wildlife and human health

Household chemicals can include personal care products, cleaning products, paint, among others. None of these products should be disposed of in the sink or storm drain. However, proper disposal of these products depends on the type of chemical.

Latex paints can be disposed with the trash if you

follow these easy steps. 1. Remove the paint can lid; add sand or clay based cat litter to the paint and stir until mixed; allow the paint to dry in covered well ventilated area; when the paint has hardened it can be disposed of with the garbage.

Oil based paints can be disposed at the Floyd County Household Hazardous Waste Facility. This facility will accept the following: used motor oil, gasoline; transmission fluid, aerosol cans, adhesives, paint thinners, automotive batteries, motorcycle batteries, cell phone batteries, rechargeable batteries, computers, monitors, printers, VCR's and stereos. For more information regarding disposal of household wastes, please visit [www.newalbanystormwater](http://www.newalbanystormwater)



**The Floyd County Household Hazardous Waste Collection Center is located at:**

**37 W. 8th Street  
New Albany**

**Hours of Operation:**

**Fridays by Appointment  
(812) 948-4733**

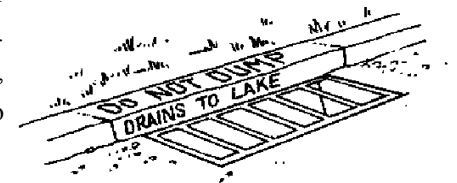
## The Elimination of Illicit Discharges

The City of New Albany has in place an ordinance that prohibits illicit discharges to the stormwater drainage system. An illicit discharge is defined as "It is illegal for any person to connect any pipe, open channel or any other conveyance system that dis-

charges anything except stormwater or unpolluted water, which is approved by the City Stormwater Engineer." There are exceptions to the rule and these can be found in the ordinance.

An illicit discharge can include improperly disposed yard waste. The fine for an

illicit discharge is \$2500. If you see an illicit discharge in the City, please contact Stormwater Director, Joe Ham, so the City can inspect to determine whether there is an illicit discharge. For more information, please go to [www.newalbanystormwater](http://www.newalbanystormwater)



## Spring Rains: Help Prevent Localized Flooding

Flooding in Southern Indiana can be a year round problem. Whether from spring or summer rains, or melting snow or ice, we can all do our part to reduce flooding in streets and yards in New Albany. Flooding can be a year round problem. By taking the time to clean catch basins, ditches and other drainage areas from leaves litter and other

debris will help stormwater flow from roads and yards. When rain is on the way clean debris and litter from catch basins and dispose of the materials properly. When cleaning these structures always wear rubber gloves. Do not clean walkways and driveways with a hose. Rather use a broom and sweep the debris and place it in either a container

marked for yard waste or in a compost pile.

Another way to help is if you see illegal dumping into the stormwater system, including catch basins and ditches, contact the stormwater Director for the City of New Albany, Mr. Joe Ham at 948-5320 or [www.newalbanystormwater.org](http://www.newalbanystormwater.org).



**Clogged  
Catchbasins and  
drainage  
infrastructure  
can exacerbate  
flooding**

## Qualified Professional Training

The City of New Albany along with the Southern Indiana Advisory Committee, held the first Qualified Professional Training on October 28, 2009 from 8:00 a.m. until 4:00 p.m. at Kye's in Jeffersonville. The second training was held on March 31, 2010 at the Nolan Field House on Progress Way, located Sellers-

burg, Indiana. The purpose of this training is to educate developers and those working on construction sites to perform self inspections of the site to ensure that the sites are in compliance with state and federal water quality regulations. Self-inspections are required in local ordinance. If site inspections are not performed

penalties and stop work orders can be issued. Sediment is the number one pollutant in Indiana water ways and contributes to aquatic degradation, loss of habitat and the aesthetics of our local water ways. Those who wish to take the test without taking the class can do so. See [www.siswac.org](http://www.siswac.org) to learn more.



## Municipal Training

On Tuesday, November 17, 2009 at the Nolan Field House, on Progress Way, in Sellersburg, Indiana the City of New Albany with the other members of the Southern Indiana Stormwater Advisory Committee, hosted a training for municipal employees that work for

municipal facilities and departments that impact stormwater. The training was well attended and the employees had the opportunity to participate in a question and answer session regarding best management to prevent stormwater pollution. Trainings for municipal workers are required

pursuant to the MS4 program. The goal of the training component of the MS4 program is to reduce the pollutants entering the stormwater system during municipal activities, including the proper methods for salt storage, chemical spill clean-up, and erosion and sediment control.

Regular board meetings will be held on the second and fourth Thursday of every month at 10:15 a.m. in the City-County building at 311 W. 1st Street, New Albany, IN. In the event of holidays, emergencies or disasters, meetings may be rescheduled or cancelled.

**The Stormwater Board's primary functions are to implement stormwater related City Ordinances by:**

- 1.) providing fiduciary oversight of the storm water user fee;
- 2.) overseeing implementation of the stormwater quantity / drainage program; and
- 3.) overseeing implementation of the stormwater quality program and related permits.



City of New Albany  
311 Hauss Square  
New Albany, Indiana 47150

Drainage Dept.: 812-945-1989  
Stormwater Billing Dept.: 812-948-5399  
E-mail: info@newalbanystormwater.org

## Stormwater Successes

2009 was busy year for the City of New Albany Stormwater Utility. The Stormwater Utility was developed in 2006 to create a revenue source to maintain the City's Stormwater infrastructure and comply with the funded, federal and state mandated Municipal Separate Storm Sewer Program. The City has brought in house the maintenance activities. Likewise, the City initiated the Stormwater Master Plan, continued to implement programmatic requirements pursuant to the MS4

program. Compliance activities related to the MS4 program include the following:

- The City continued to train City employees regarding best management practices for stormwater in order to improve water quality.
- The City continues to participate in the Southern Indiana Stormwater Advisory Committee to leverage resources to comply with Rule 13.
- The City participated in a Workshop with the Indiana Department of Environmental

Management to prepare for the 2010 State Audit with IDEM. This meeting was held in Clark County and was well attended by the City of New Albany.

- The City along with the Southern Indiana Stormwater Advisory Committee began the bi-annual training class for developers to comply with stormwater regulations pursuant to Rule 5 and Rule 13.
- The City began a Capital Improvement Project near Oakwood Subdivision.

### *Did You Know?*

*Homeowners insurance and renters insurance **does not** cover flooding!*