

Villa Park *Proposed* Stormwater Management Program

What is a Stormwater Management Program?

A Stormwater Management Program is a self-supported "Enterprise Fund" that is established to generate funding specifically for stormwater management. The Management Program accounts for its revenues and expenses separately. All properties within the Village of Villa Park would pay a stormwater management program fee based on the demand that their property places on the stormwater management system. The revenue collected would directly support maintenance of existing storm drain systems, development of drainage plans, flood control measures, water quality programs, and funding of major capital storm water related expenses.

What is stormwater?

Stormwater is runoff that results from precipitation. Sediment, nutrients, bacteria, metals, pesticides, and other pollutants are picked up as this runoff flows over construction sites, lawns, driveways, parking lots, and streets. Unlike sanitary sewers that go to a treatment plant, most stormwater discharges directly to local water bodies. Increasing amounts of impervious surfaces in urban areas, such as roof tops, driveways, parking lots, and streets, decrease the ability of water to soak into the ground. Increasing potential for flooding is a risk from greater volumes of stormwater entering the city's storm sewer and drainage system at a faster rate as runoff.

Why does stormwater have to be managed?

Stormwater is managed to protect homes, properties, the environment, streams, and rivers from damage due to flooding, pooling, erosion and harmful pollutants. Stormwater runoff must be channeled through a system of pipes, culverts, ditches, swales, catch basins, and storm drains before being safely discharged into local streams and rivers. **Even if your property has never flooded, stormwater that flows off the property must be managed so that it does not contribute to flooding in other areas.**



Village of Villa Park, IL

If you have any questions about the Village's Stormwater Management Program, contact:

**Village of Villa Park
Public Works Department
11 W. Home Avenue
Villa Park, Illinois 60181**

**Phone: 630.834.8505
<http://www.invillapark.com/>**



Village of Villa Park



Proposed Stormwater Management Program



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Why is the Stormwater Management Program fee needed?

Federal and State funding is seldom available for stormwater systems. Stormwater that leaves your property as runoff ultimately drains into a Village maintained drainage facility. A fee is assessed because this runoff contributes to operation and maintenance costs of the stormwater management system to prevent and correct stormwater runoff problems.

The Village faces compliance requirements with mandated and unfunded Federal and State regulations regarding the amount and quality of stormwater. The USEPA Phase II of the NPDES program requires communities to develop, implement, and enforce a stormwater management program. The intent of the program is to reduce discharge of pollutants from the storm sewer system, protect all tributaries, and improve water quality.



The Village of Villa Park chooses to implement a stormwater fee rather than raise property taxes or cut services to meet the federally-mandated regulations and to pay for other stormwater management costs including:

- Public education and outreach
- Construction inspection
- Keeping public streets drained and cleared to make travel safe, minimize flood hazards, and reduce the amount of debris into the stormwater system
- Making necessary repairs or replacing aging stormwater infrastructure including stormwater inlets, pipes, culverts, and other structures to safely collect and convey stormwater through all parts of the Village
- Making repairs to open stream channel systems and other public drainage ways to reduce erosion and loss of property
- Conducting ongoing inspection and maintenance to mitigate existing and future problems

Why are improvements required?

The Village of Villa Park currently utilizes a combined sewer system in some areas that carry both sewage and stormwater flows. During severe rain events, the combined system can be overwhelmed and discharge untreated sewage. The Village must reconstruct portions of the sewer system to separate sewage and storm flows and to reduce the risk of combined sewer overflows. Local flooding is also a significant issue during severe rain events. Additional revenue is necessary to address these needs:

- Completing and implementing flood control and mitigation studies
- Assisting residents with drainage issues
- Installing and/or increasing storage capacity of detention ponds
- Constructing storm sewers associated with roadway improvements
- Separation of combined sewers



Will fee reductions be offered?

The Village is proposing a credit program to recognize efforts made to help protect water bodies and reduce impact on the Village drainage system. Proposed credits would provide the following monthly fee reductions to property owners (up to a total maximum reduction of 50%):

- Site Runoff Rate/Volume Reduction: Up to 40% reduction for discharge from all or a portion of impervious area to a qualified detention area owned and maintained by the applicant.
- Water Quality: Up to 10% reduction for qualifying best management practices.
- Direct Discharge: Up to 50% reduction for properties discharging directly to Salt Creek, Sugar Creek, or outside Village limits.
- Education Credit: Up to 50% for schools that develop lesson plans and teach students about stormwater management issues consistent with U.S. EPA stormwater educational content.

Who pays the Stormwater Management Program charge?

The stormwater management program charge is a user-fee, much like the fee that you pay for your water or wastewater service. **All** property owners must share in the cost of the stormwater program, including homeowners, businesses, industries, and institutional facilities belonging to churches, schools, village, state, county, and other non-profit organizations.

How is the Stormwater Management Program charge calculated?

The stormwater charge is calculated based on the amount of a property's impervious area. This area can be measured and has a direct and accepted relationship to the estimated amount of water that leaves a property as stormwater runoff. Impervious area is the area that prevents or impedes stormwater from soaking into the soil. Impervious areas include rooftops, driveways, sidewalks and parking lots.



How much will my charge be?

FY 2014 Monthly Stormwater Charge

1 Equivalent Residential Unit (ERU) = 3,000 sq. ft. of impervious surface

Single Family Residential Properties = \$5.45

Other Properties = \$5.45 x # ERUs

If you feel your calculations are in error, you will be able to appeal following the steps found in Village Ordinances.