

Stormwater Capital Plan Background

The Village routinely experiences localized surface flooding in certain locations during moderate to heavy rainfall events, usually in excess of 2.0-inches. In order to address property and structure flooding in the Village, it was determined that the development of a Village-wide Master Stormwater Management Plan (MSWMP) was necessary to identify potential significant flooding locations in the Village.

The MSWMP includes a proposed flood reduction project for each study location to the optimum protection level and then prioritizes each proposed project by the estimated total costs and benefits. The estimated cost of implementing this plan (with inflation) is \$53 million over a 15-year period.



The Village's stormwater utility fee will be assessed for bills issued **on or after September 1, 2021**. Please visit the website below to look up your account's projected fee.



FOR MORE INFORMATION:

For more information about your parcel's stormwater fee and a detailed list of Frequently Asked Questions, head to the Village's dedicated stormwater web site. Have your utility billing account number ready to look up your actual fee!

libertyville.com/stormwaterutilityfee

VILLAGE OF LIBERTYVILLE STORMWATER UTILITY FEE

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Stormwater Utility Fee Information

In order to fund the Master Stormwater Management Plan capital projects, a stormwater utility fee will be billed and collected using the existing water and sanitary sewer billing framework already in place. On March 23, 2021, the Village Board adopted a stormwater utility fee for customers within the Village's corporate limits. The adoption of the fee comes after an extensive multi-year public process, including two virtual town hall meetings in early 2021.

A stormwater utility fee is billable based on the physical characteristics of an individual parcel, using the amount of impervious surface to determine how much water run-off the parcel contributes to the Village's stormwater conveyance infrastructure. The Village considered several strategies for calculating fees based on impervious surface and found the ERU/IDF (Equivalent Residential Unit/Intensity of Development Factor) method the most equitable.



Benefits of a Stormwater Utility Fee

There are several benefits to a local government that a dedicated stormwater utility fee provides.

Revenue

A dedicated stormwater fee generates a stable source of revenue to fund stormwater projects.

Structure

A distinct Stormwater Utility creates an organized operating structure to solve the problems regarding stormwater management including aging infrastructure, development, and legal challenges.

Environment

An increased focus on stormwater issues such as erosion, flooding, preservation of source water and water quality can encourage environmental initiatives.

Regulation

A dedicated Stormwater Utility can focus on meeting the requirements of environmental permits and other regulatory mandates.

Most importantly, a Stormwater Utility Fee provides the means of collecting the revenue required to construct and maintain large stormwater capital improvements needed to protect Village businesses and residents from the effects of flooding. Existing taxing and revenue generating mechanisms are incapable of meeting this essential need.

Stormwater Utility Fee Calculation

The stormwater utility fee is calculated using the ERU/IDF model as follows:

Fee Component 1 (ERU) – The average Village residential parcel has an impervious surface area of 3,800 square feet, which is equal to one (1) ERU. Based on GIS and Lake County Assessor data, each parcel has been assigned an ERU value, rounded to the nearest tenth. The number of ERUs assigned to a parcel is multiplied by the stormwater utility fee bi-monthly rate per ERU.

Fee Component 2 (IDF) – Measures the ratio of total surface to impervious surface on each Village parcel. The percentage of total versus impervious surface is converted into a billable IDF factor of 0.2, 0.5, 1.0, 1.5, or 2.0. The IDF factor for a parcel is then multiplied by the stormwater utility fee bi-monthly rate per IDF.

% Impervious	IDF Factor
0%	0.20
1% - 20%	0.50
21% - 40%	1.00
41% - 70%	1.50
>70%	2.00

The Village Board set the initial stormwater utility fee amount as \$13 bi-monthly per ERU and \$13 bi-monthly per IDF. An average residential parcel will have 1.0 ERU and 1.0 IDF, making their bi-monthly bill \$26.00 (or \$13.00 per month).

Visit libertyville.com/stormwaterutilityfee for extensive information about the stormwater utility fee.