

to ensure that the project meets the needs of the community. The success of these initiatives is a testament to the commitment and hard work of the staff and the community.

Therefore, each individual involved in the project is responsible for the success of the project. We are proud to have a team of dedicated professionals who have worked together to achieve these goals. We look forward to continuing our partnership with the community and working together to make a positive impact on the world.

The Village of Adelphi is a community of professionals and business leaders who are committed to excellence in everything we do. We are proud to have a team of dedicated professionals who have worked together to achieve these goals. We look forward to continuing our partnership with the community and working together to make a positive impact on the world.

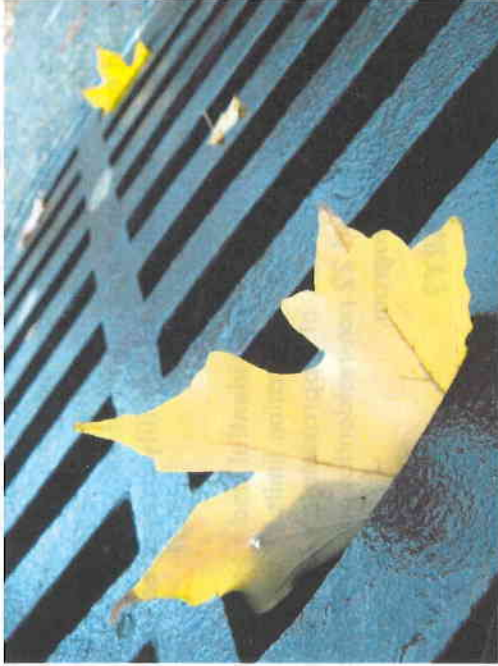
# HULL

Environment / Energy / Infrastructure

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## WHAT IS A STORMWATER UTILITY (SWU)?

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## VILLAGE OF ADELPHI STORMWATER UTILITY

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## WHAT IS A STORMWATER UTILITY (SWU)?

The Village has developed the stormwater utility (SWU) program to create a dedicated fund for the repair, replacement, maintenance, equipment, and administration required to operate a stormwater management system. The SWU charges are **not established as a tax** on the residents of the Village of Adelphi; these charges are **established as a utility usage fee**, similar to a water or sewer fee.

The SWU program includes all **residential** and **non-residential** properties located within the corporation limits of the Village of Adelphi. The Village consists of approximately 211 occupied residential properties and 22 non-residential properties that will contribute to the SWU program.

## WHY IS THIS NECESSARY?

The Village **currently expends approximately \$12,000 annually** in stormwater needs. Stormwater maintenance and repairs are conducted by the Village staff and hired contractors; **expenses incurred are allocated from the general funds**. The Village stormwater infrastructure is aging. Many areas are in poor condition and in need of replacement and repairs. Establishing a stormwater utility will provide a fund that can be utilized for repairing and replacing the failing or non-existent infrastructure.

## HOW WAS THE STORMWATER FEE DETERMINED?

The Village hired a consultant to complete a study to determine the needs (expenses) of the SWU program. A crucial part of this study was determining an **Equivalent Runoff Unit (ERU)** which is used as the basis for the stormwater fee. The standard ERU is based on the **impervious area** (i.e. rooftop, concrete, asphalt) of an average residential property within the Village. To determine the ERU, each residential lot was digitized and evaluated for

area of impervious surfaces on the property. The **average** of these impervious areas is what **determines one (1) ERU**. One (1) ERU was calculated to be **equal to 2,300 square feet** of impervious area.

Therefore, **each residential property** in the Village is said to be **equal to one ERU** for the SWU fee; regardless of the actual impervious area for each individual property. For a **non-residential property**, the number of ERU's can be calculated by taking the **area of impervious surface on the property and dividing by 2,300 square feet**. The impervious area calculations resulted in a **total of 251 ERUs** within the Village of Adelphi; 211 residential and 40 non-residential.

The Village has an estimated **\$1.1 million** in total stormwater improvements that will be needed over the next 40+ years. The SWU fee required to fund these improvements would need to be **\$13.63** per ERU per month. The Village realized that would be a burden to its residents and businesses and evaluated multiple scenarios to reduce the SWU monthly fee. With the reduced SWU monthly fee (see below), the Village's SWU program will need to leverage other federal and state funds to complete the necessary improvements.

Since a level of service better than the current level is recommended as a minimum for the SWU program, a **\$10 fee per month per ERU** was established.

### Established Fee:

**1 ERU = \$10 per month**

The above fee is estimated to generate approximately **\$30,000 annually**.

The SWU program and fee will take effect **April 2020**.