# Stormwater Utility

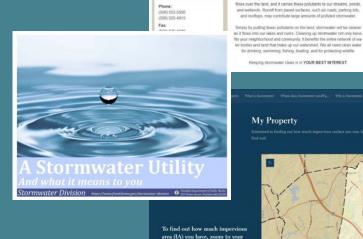
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Town Council Presentation
March 16th, 2022
Brutus Cantoreggi - DPW Director
Derek Adams - Stormwater & Environmental Affairs Superintendent
Kate Sjoberg - GIS Coordinator

### Stormwater Background

The Stormwater Division website is the most comprehensive place to find stormwater information, including previous Town Council presentations on Stormwater.

- → Public Outreach Presentations
- → Previous Town Council Presentations
- → Utility Flyer
- → Impervious Area Story Map
- → Rain Barrel Program
- → Flyers & Brochures
- → Stormwater Management Plan
- → General Stormwater Information



property or search any Franklin address by clicking the magnifying glass in the top left

Contact Info

Franklin

Home : Departments :: Public Works
Stormwater Division

Have you ever wondered where all the water goes when it rains or after the snow matte? Some of it seeps into the ground or evaporates, but much of it

runs off over the land or through storm drains and then flows into our

Stormuster picks up littler sand, harderla, oil and other chemicals as if

streams and ponds. This runoff water is called "stormwater."

https://www.franklinma.gov/stormwater-division



IN O B II Y A

Announcements

Agendas

 Stormwater Ad Hoc Subcommittee Meeting

Impervious Area Map Now Available

September 9, 2020 - 6 30pm

#### How Much Is The Utility Fee?

\$18.66 per billing unit (BU)

The current standard for a Stormwater Utility Fee is based on Impervious Area (IA).

A billing unit in Franklin is 1,000 sq ft of IA

- → Equality: All properties with IA will be part of utility billing
- → Equity: Those with more IA will incur a higher rate

1 acre lot BUs x \$18.66 \$74.64 per year

1/2 acre lot

2 BUs x \$18.66



Impervious Area
Parcel Line
Impervious area: 1,565 sq ft

Single Family Home

The <u>average</u> single-family home in Franklin = 3 BU = \$56 per year.



#### **Credit and Abatement System**

**Credits** will be offered to all property owners for a maximum reduction of 50% off their stormwater utility fee.

Residential Credits:

Commercial and Large Residential Credits:

- → Rain Barrel
- → Porous Pavement/Pavers\*
- → Gravel Driveways\*
- → Rain Garden
- → Dry Well
- → French Drain
- → Other Subsurface Recharge System

- → Rain Garden
- → Bioretention Area
- → Detention/Retention Basins
- → Sediment Forebays
- → Deep Sump or Leaching Catch Basins
- → Tree Well
- → Subsurface Structures

Credits must be reapplied for to maintain a lower stormwater utility fee; residential credits must be renewed on a yearly basis, commercial and large residential credits every five years.

**Abatements** may be applied for if property owners feel their IA is reported incorrectly.

\*Owners with gravel driveways, pervious or porous pavers/pavement may apply for an abatement.



#### **Community Assistance Program**

All stormwater utility fees will be waived for those property owners that qualify for the Community Assistance Program (CAP).

- → Households gross income level must be at or below 200% of the Federal Poverty Guidelines
- → Complete a Community Financial Assistance Eligibility Application
- → All information collected is strictly confidential and will only be used only to determine eligibility for the CAP.
- → §82-4 The full bylaw can be found here <a href="https://ecode360.com/32290412">https://ecode360.com/32290412</a>



#### What Does This Utility Fund?

- → Enhancement of existing services: catch basin cleaning, street sweeping, pipe inspections and repairs, drainage swale maintenance, etc.
- → Identification and elimination of illicit pollution sources
- → Inspection, construction, and maintenance of Stormwater treatment structures (BMP's): detention basins, stormceptors, tree wells, rain gardens, etc.)
- → Leaf litter collection
- → Compliance with the MS4 Permit
  - ◆ Phosphorus Control Plan (PCP) projects
- → Increased drinking water protection







#### Federal ARPA Money

- → Incorporating stormwater improvements within scheduled infrastructure projects
- → Upcoming road work: Arlington St, Country Club Dr, Jordan Rd, Tam O'Shanter Rd, Burning Tree Rd, North Park St
- → MS4 Permit Year 5 (July 2022 June 2023): detention basin upgrades (5)
- → In 2020, average cost for BMP Construction = \$70,000
- → ARPA funds will help offset these stormwater/drainage costs for the next several years, saving residents money!!



#### Why We Can't Ignore This

Quincy Case Study:

March 2019 - US Attorney's Office files a civil complaint against the City of Quincy

- → Sewage leaking into storm drain system and polluting Quincy Bay
- → City agrees to consent decree; expected cost = excess of \$100 million
- → Civil penalties = \$115,000
- → Failing infrastructure must be repaired
- → Work must be completed by December 2034

U.S. Attorneys » District of Massachusetts » News

#### Department of Justice

U.S. Attorney's Office

District of Massachusetts

FOR IMMEDIATE RELEASE

Wednesday, June 9, 2021

#### City of Quincy Agrees to Remedy Discharges of Stormwater Containing Sewage

#### Cost of remedial measures is expected to be in excess of \$100 million

BOSTON – The U.S. Attorney's Office has entered into a consent decree with the City of Quincy to resolve violations of the Clean Water Act regarding the City's stormwater and sanitary sewer systems. Water sampling indicated untreated sanitary sewage discharging from numerous Quincy stormwater outfalls, including outfalls discharging at beach areas.





## **How Will This Improve Residential Quality of Life?**

- → Asset Protection
- → Drainage Improvements
- → Flood Mitigation
- → Drinking Water Protection

- → Healthy Waterways
- → Roadway Safety
- → Improved Infrastructure
- → Leaf Litter Collection









# **Discussion**

