



**Stormwater  
Management**

**Camp Hill  
Borough**

**Stormwater Utility Implementation**

**Stormwater  
Stakeholder Advisory  
Committee Meeting  
December 20, 2018**



## Summary of Work to Date on Stormwater Utility Implementation

1. Obtain Impervious Area (IA) data for each parcel
2. Hold Meetings with Stakeholder Advisory Committee
3. Develop Needs/Costs for Stormwater Program
4. Develop Draft Budget & Capital Improvement Plan
5. Initiate Authority setup
6. Today:
  - a. Review results of Borough Council discussion
  - b. Review Budget/CIP
  - c. Discuss fee structure options
  - d. Discuss public outreach

## Borough Council favorable to...

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1. Setup a storm and sanitary sewer **Authority**
2. Capital Improvement Plan with proposed financing under two PENNVEST borrowings
3. PENNVEST submission as soon as reasonable
4. Considering a subsidy of the stormwater budget if necessary
5. Public education including possibly a town hall meeting



## Project Funding

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1. Pay-go
2. Financed
  - Loan; Bond
  - PENNVEST
    - Debt Service after project complete
    - Worst case: 20 years at 1.7%
    - Better rate based on cost to residential

→ Important to include full Stormwater Program costs in budget



## Example Capital Improvement Needs



Beverly & 30th Project



Bramar Culvert

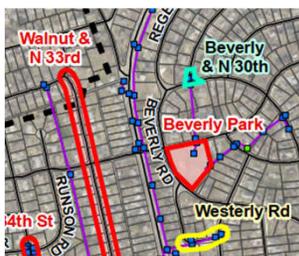


Siebert Park Stream Stabilization



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## Capital Improvement Plan



- 2020 Project: \$4.1 M
- 2022 Project: \$4.7 M
- Annual Public Works Projects

Assume PENNVEST financing

Important to include full Stormwater Program costs in budget



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Stormwater Program Budget	3-Year Avg
Operating Expenses	460,000
Capital Improvement	270,000
Annual Revenue Needed from Fee with Delinquency Estimate	<b>\$760,000</b>

**HRG** BUILDING RELATIONSHIPS, DESIGNING SOLUTIONS.  
AN EMPLOYEE-OWNED COMPANY

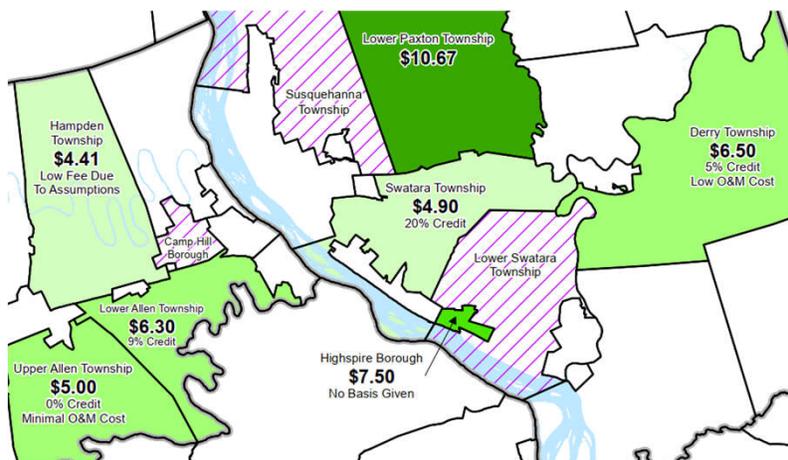
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Monthly Fee at Average Residential Impervious Area = **\$12.40**  
assuming 5% credits

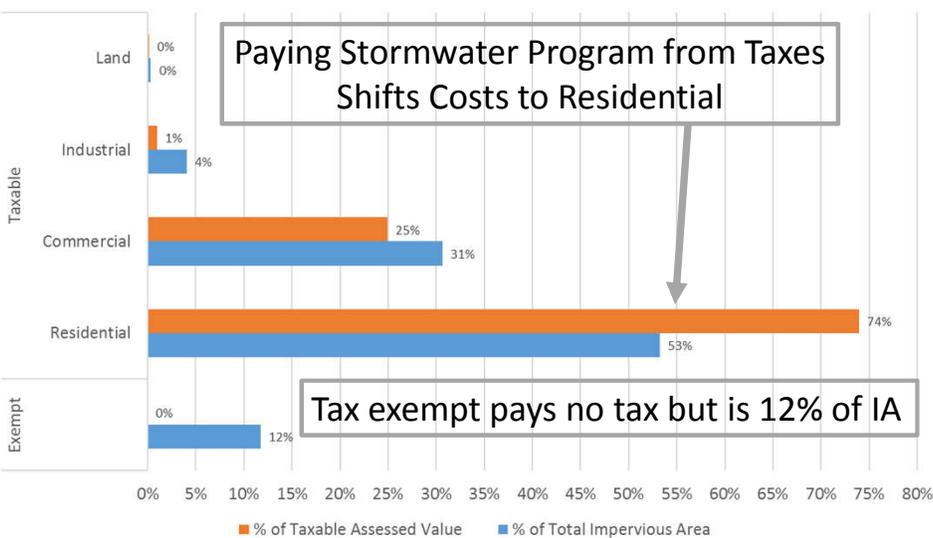
With \$100,000 Borough subsidy, fee = \$10.80  
With \$200,000 Borough subsidy, fee = \$9.20

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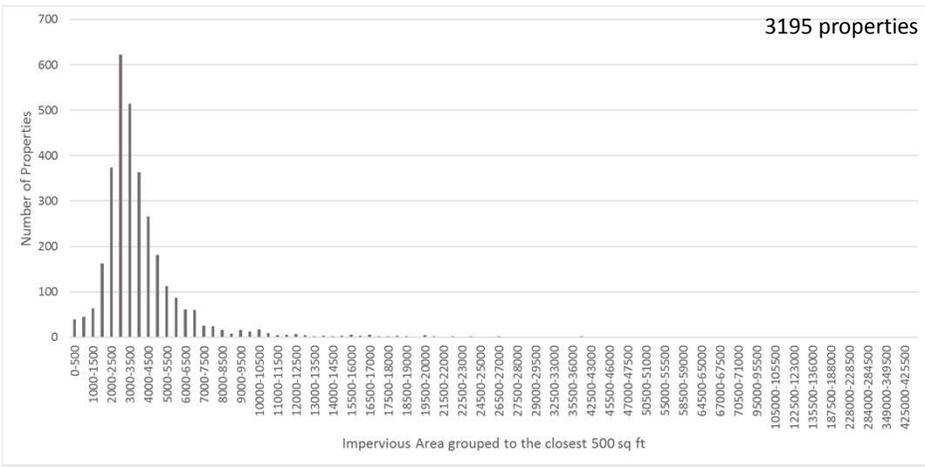
## Fee at Average Residential IA



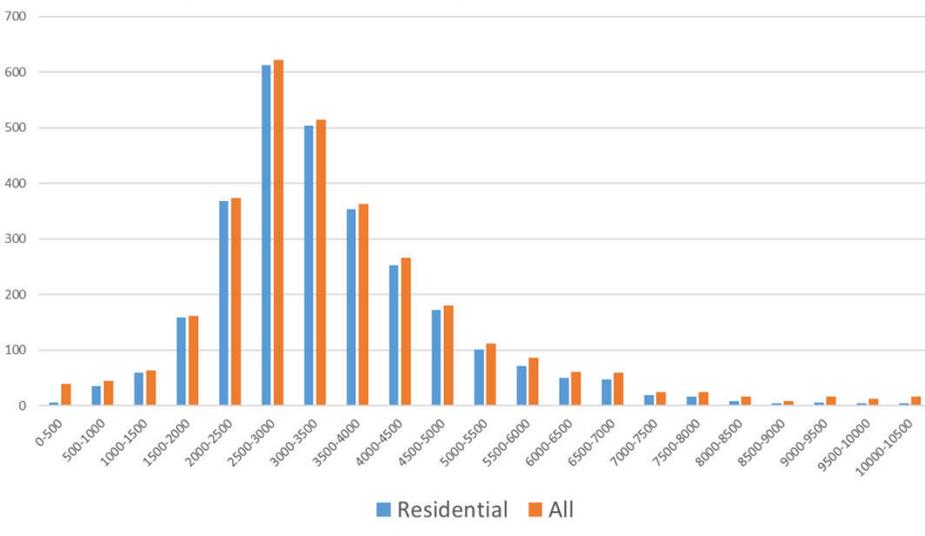
## Property Tax vs Stormwater Fee



## Distribution of Impervious Area (IA)



## Impervious Area for Properties - Residential vs. All

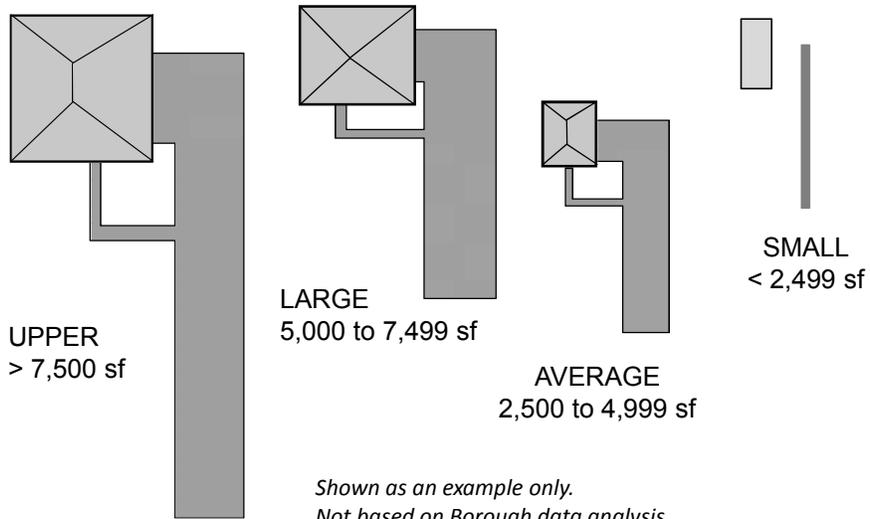


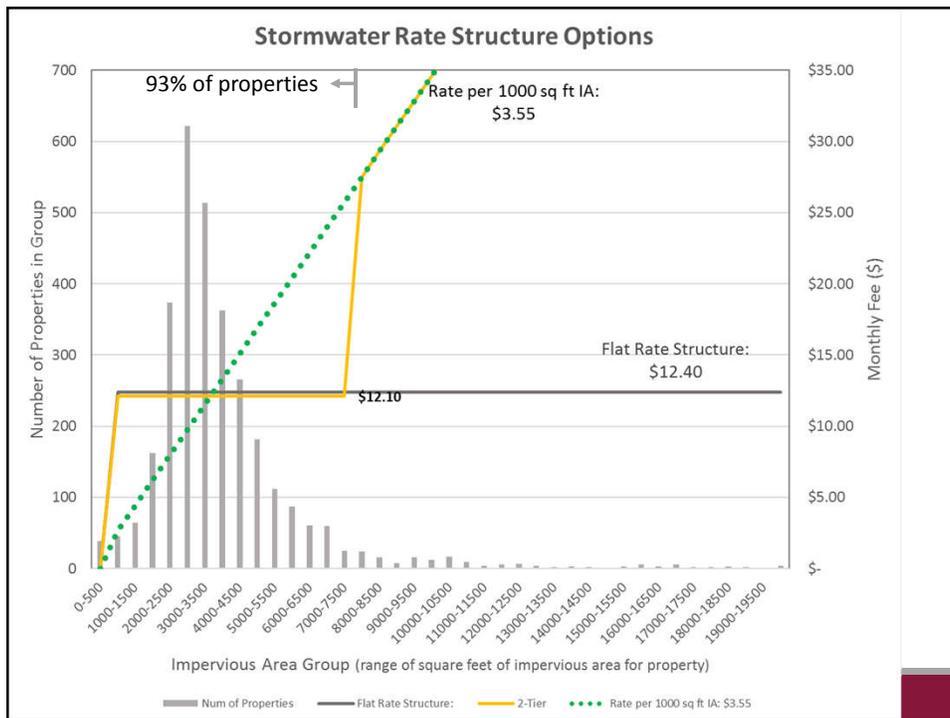
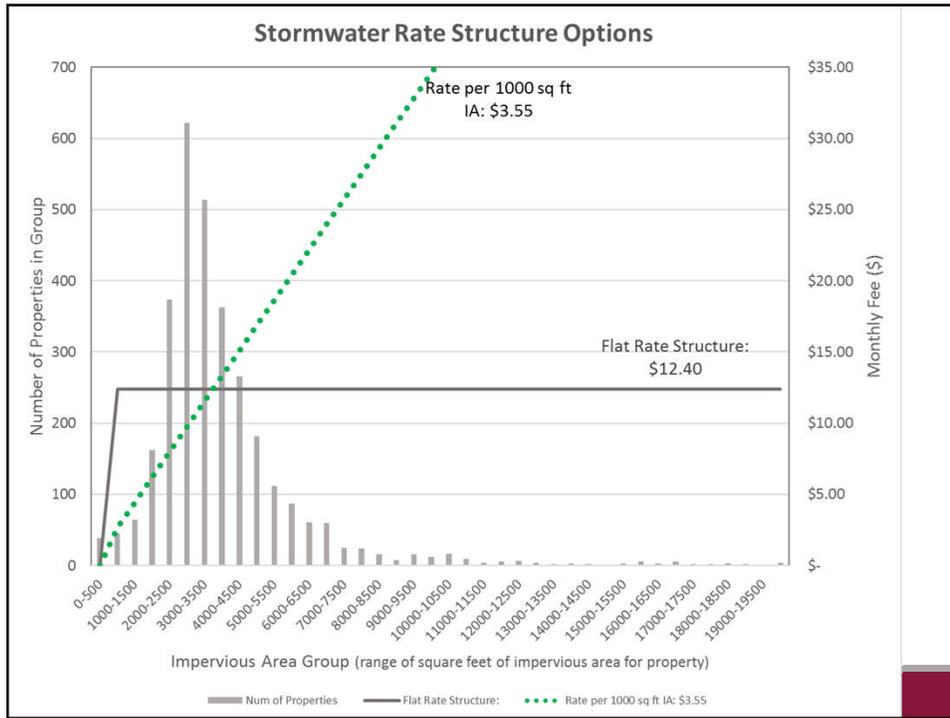


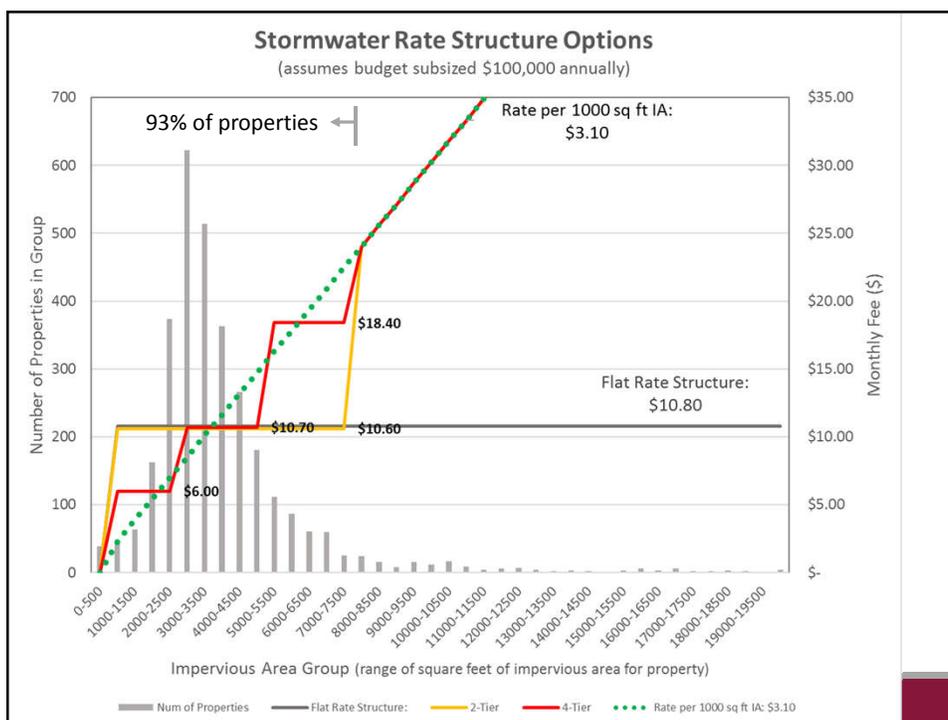
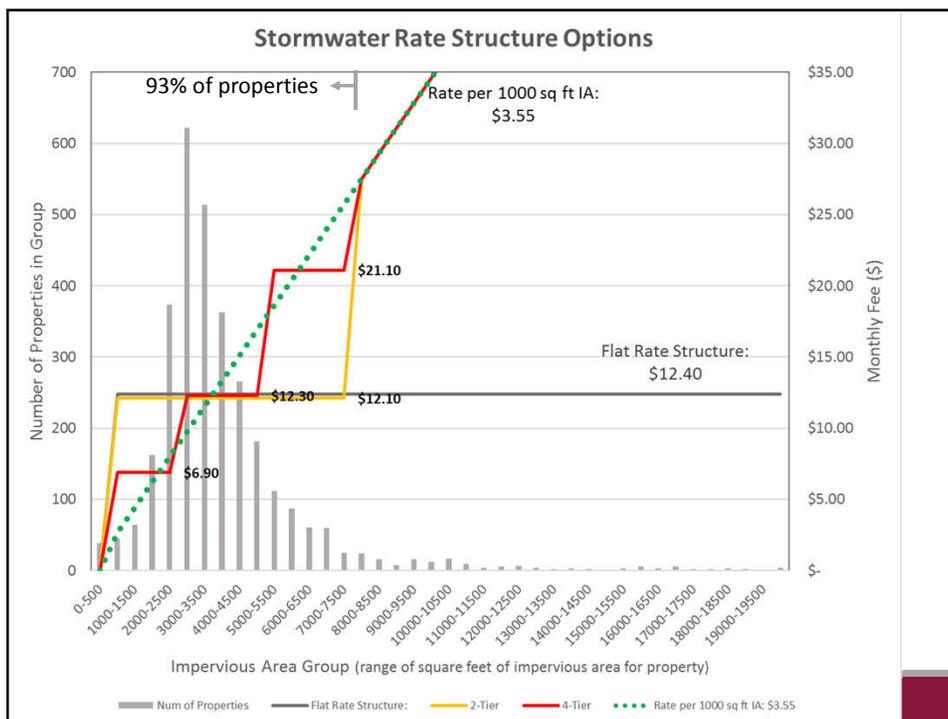
### Are all Properties Equal?



### Impervious Area Varies







## Example Fees at \$3.10/1000 sf IA

(assumes budget subsidized \$100,000 annually)

Example Property Owner	Total IA (sf)	Monthly Fee*
2500 sf IA	2,500	\$8
3500 sf IA (Avg Residential)	3,500	\$11
7500 sf IA	7,500	\$23
Bank	19,900	\$62
Church 1	23,400	\$73
Church 2	113,000	\$350
Convenience Store	27,500	\$85
Library	76,300	\$237
Mall	1,602,400	\$4,967
Post Office	105,000	\$326
School District	493,300	\$1,529

\*before any credits



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## Public Outreach

1. Avenues of Outreach
  - a. Newsletter
  - b. Website
  - c. Back of Sewer Bill
  - d. Town Hall Meeting
  - e. Postcard
2. Schedule and Content



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### Draft Public Outreach Schedule

January 2019	Back of Sewer Bill	Be watching for new stormwater program Details in Borough newsletter
	Newsletter	MS4 and the Stormwater Authority Program Goals and Needs
March	Public Meeting	Program Goals, Benefits, and Costs Capital Improvements Plan
	Website	Presentation from Public Meeting
	Literature at Library & Borough Admin Bldg	Materials from Presentation
April	Back of Sewer Bill	See website for public meeting presentation Stormwater fee will appear on next bill
	Postcard	Stormwater fee in July; Credit Policy on web
	Website	Post Credit Policy
May	Newsletter	Stormwater budget and planned improvements Stormwater fee in July
June		
July	Back of Sewer Bill	Basic explanation of stormwater fee

