



**Stormwater Utility Community
Advisory Group**
Meeting Four: Credit Program



Agenda

- Welcome, Reminders, Introductions
- Recap
- Revisit Rate Structure Options from Meeting 3
- Community Feedback and Open House Update
- Overview of Draft Credit Program
- Webmap
- SUCAG Q&A
- Public Comment
- Adjourn

How to Participate

- Please participate actively and respectfully
- Please mute when not speaking
- Click "raise hand" icon to enter the discussion queue; click again to lower your hand after speaking
- You can also share comments and questions using webinar chat
- There will be public comment session at the end of the meeting for members of the public.

This webinar will be recorded for future reference and be posted to the Project Webpage

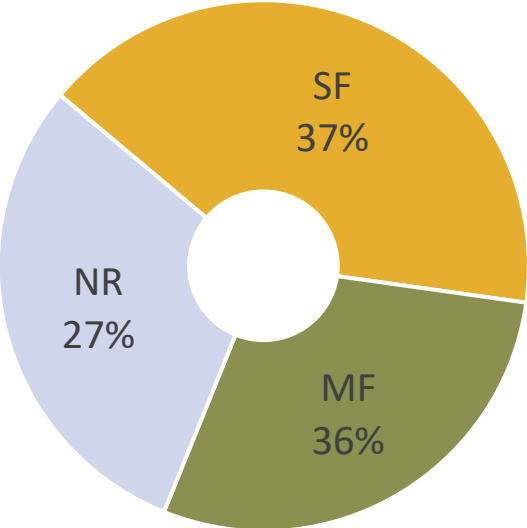
Recap

- Meeting 1 – Orientation & Project Overview
 - › Why are we considering moving from tax to fee?
 - › Goals of SUCAG
 - › Overview of stormwater program
- Meeting 2 – Costs & Cost Recovery
 - › Stormwater program components
 - › Cost drivers
 - › CIP projects
 - › Tax vs. utility
- Meeting 3 – Rate Structures
 - › Multi-family and Base charge options

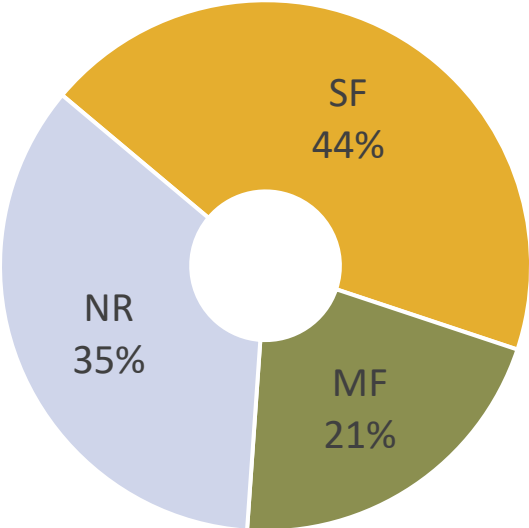


Customer Types in Arlington

Sanitary Tax Allocation by Customer Class

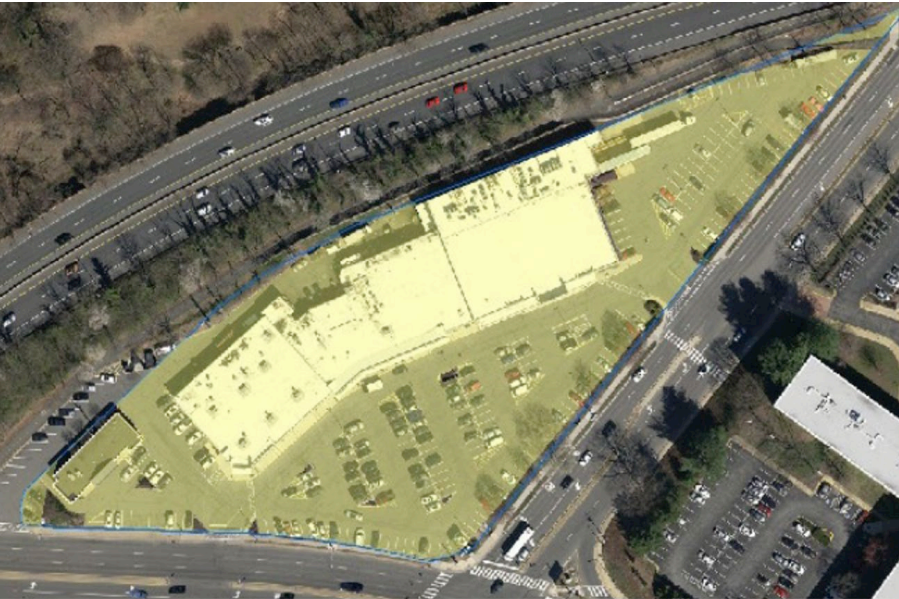


Impervious Area by Customer Type



**Using Tiered with Cap approach*

SF = Single-family
MF = Multi-family
NR = Non-Residential



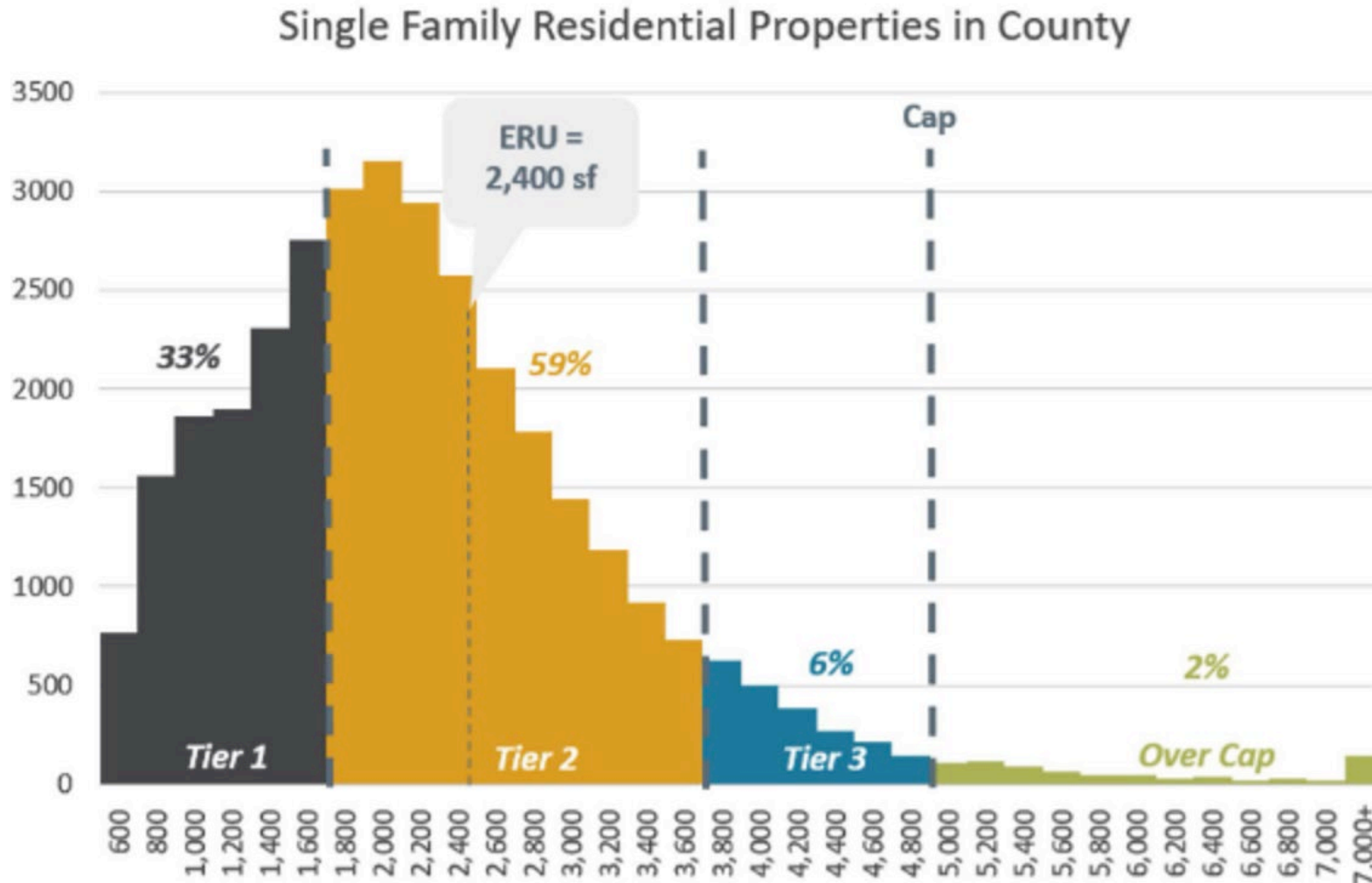
Recommended Variable Tiered Rate Structure for Single-family Properties

Tiered with CAP		
Tier	Impervious Area Range	Billed
Tier 1	≤ 1600 SF	0.60 ERU
Tier 2	> 1600 - ≤ 3600 SF	1.00 ERU
Tier 3	> 3600 - ≤ 4800 SF	1.70 ERU
Cap	> 4800 SF	Per ERU, like non-res

OBJECTIVES MET:

- ✓ *Ease of understanding by County customers*
- ✓ *Ease of administration for County staff, reducing program costs*

Residential Tiers and Properties Over Cap



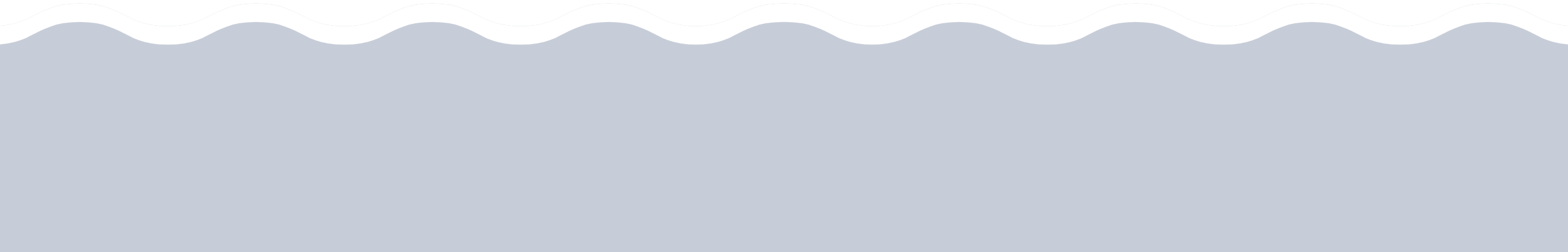
Multi-family (MF) Rate Structure Options

Multi-Family Rate Structure Options

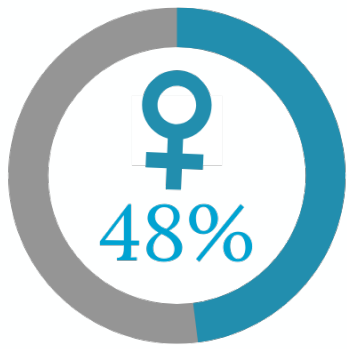
MF Option	Separate MF Option	Pros and Cons
<p>Property Specific Option</p>	<p>Charge for measured IA in units of ERU, same as non-residential properties</p>	<ul style="list-style-type: none"> ✓ Supports IA message ✓ Easier to administer <p style="text-align: center;">BUT</p> <p>Does not consider affordability for garden style properties</p>
<p>Flat Rate Option (Current preferred option)</p>	<p>Total ERUs ÷ Total MF Units in Arlington = 0.18 ERU</p>	<ul style="list-style-type: none"> ✓ Simplifies fees and rate structure ✓ Adds layer of fairness for garden-style and affordable units <p style="text-align: center;">BUT</p> <p>Harder to administer Dilutes IA message</p>

Comments/Questions?

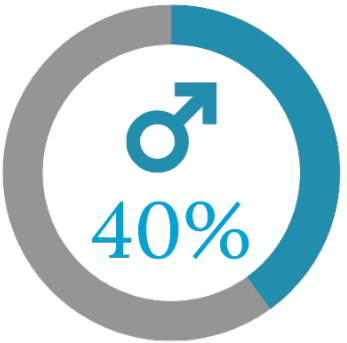
Feedback Form and Open House



Demographics (n=609)



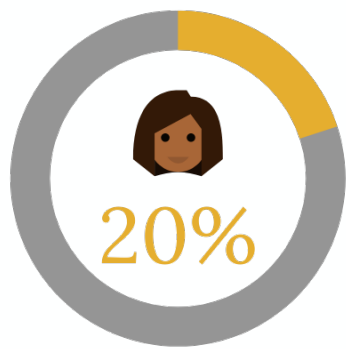
Female



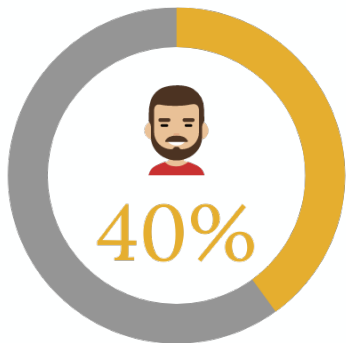
Male



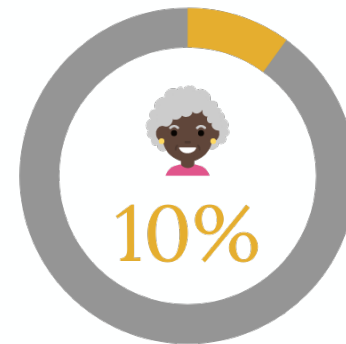
Decline to identify



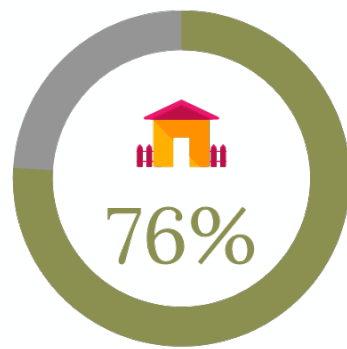
Ages 25-44



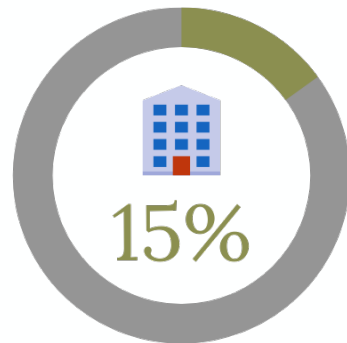
Ages 45-64



Ages 65+



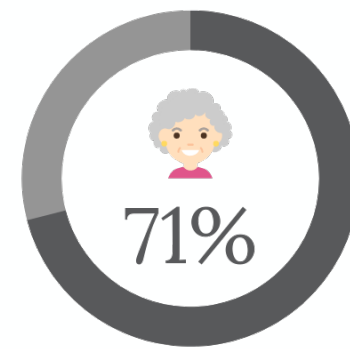
Detached single-family



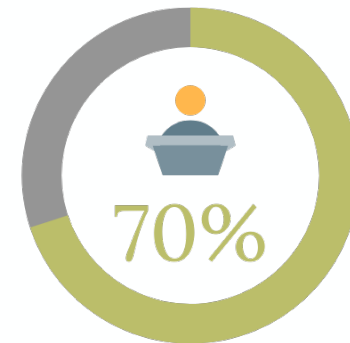
Townhouse/
Multi-family


22207 22204
22205

Top zip codes



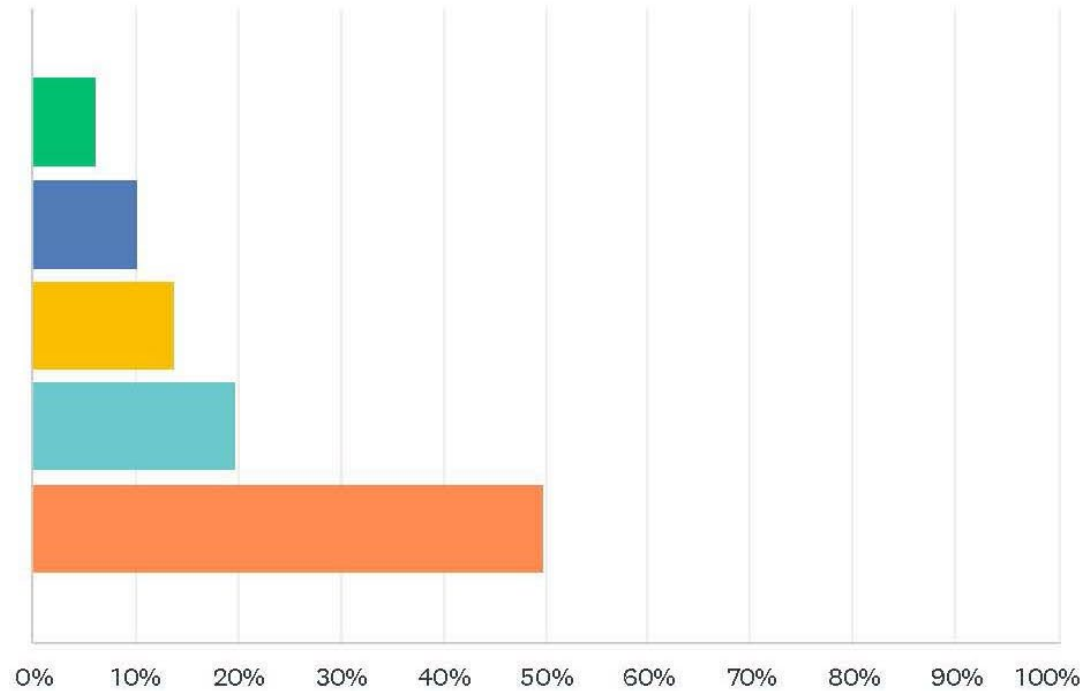
White



Have not attended a
public meeting

Q: I Understand Exactly How I am Charged for Stormwater

Answered: 604 Skipped: 5



68% of respondents do not understand how they are charged for stormwater, or how much they pay

	STRONGLY AGREE	SOMEWHAT AGREE	NEITHER AGREE NOR DISAGREE	SOMEWHAT DISAGREE	STRONGLY DISAGREE	TOTAL	WEIGHTED AVERAGE
(no label)	6.13% 37	10.26% 62	13.91% 84	19.87% 120	49.83% 301	604	3.97

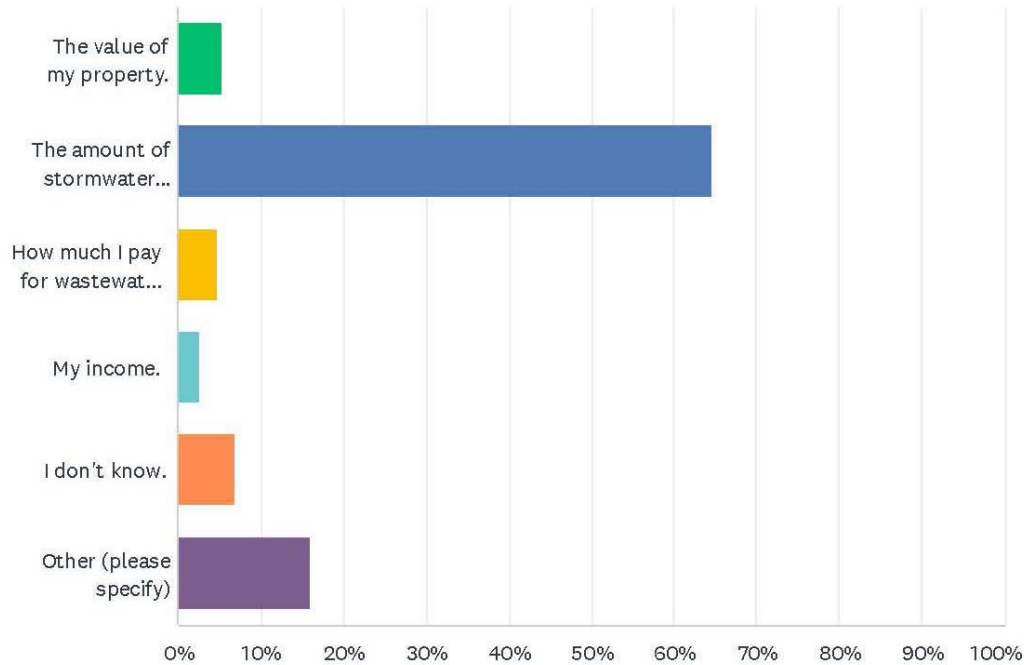


How are property owners billed for stormwater now?

- Sanitary District tax
- Included as part of real estate tax (not listed separately on the statement)
- \$0.017 per \$100 assessed value
- Example - property with \$800,000 assessment is charged \$136/year

Q: What I Pay for Stormwater Should Be Based On:

Answered: 607 Skipped: 2



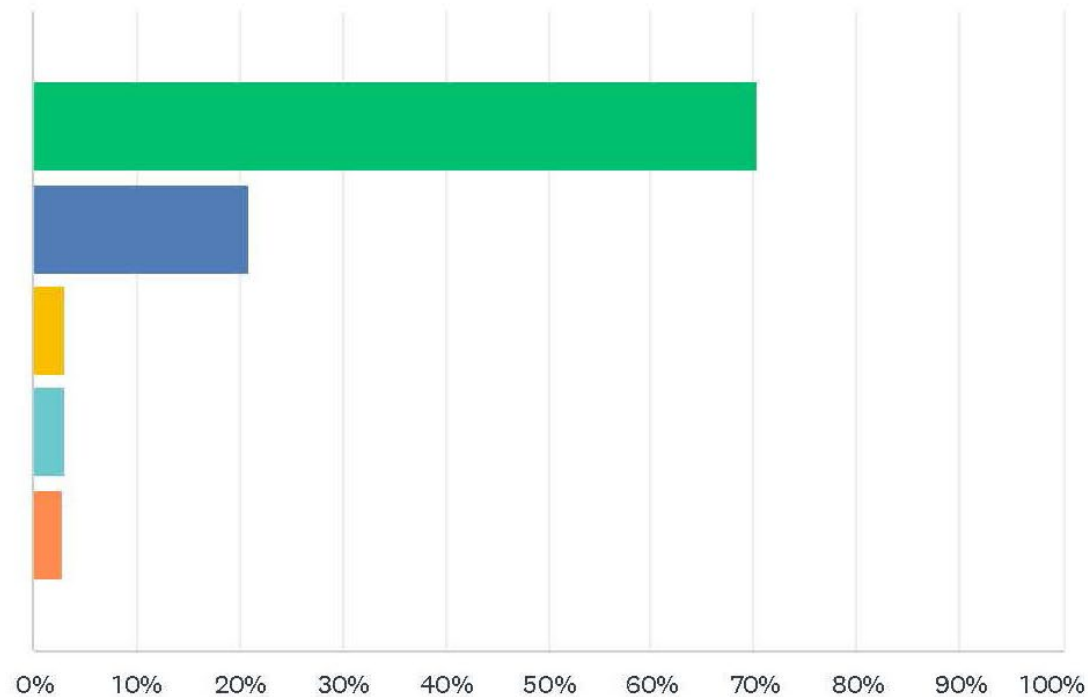
61% agree it makes sense to bill for stormwater as a utility

Over 64% feel stormwater fees should be based on the amount of runoff generated by a property

ANSWER CHOICES	RESPONSES	
The value of my property.	5.27%	32
The amount of stormwater runoff my property contributes to the County's stormwater system.	64.58%	392
How much I pay for wastewater service.	4.78%	29
My income.	2.47%	15
I don't know.	6.92%	42
Other (please specify)	15.98%	97
TOTAL		607

Q: Rate how important it is that the County maintain and/or upgrade its infrastructure to minimize flooding.

Answered: 603 Skipped: 6

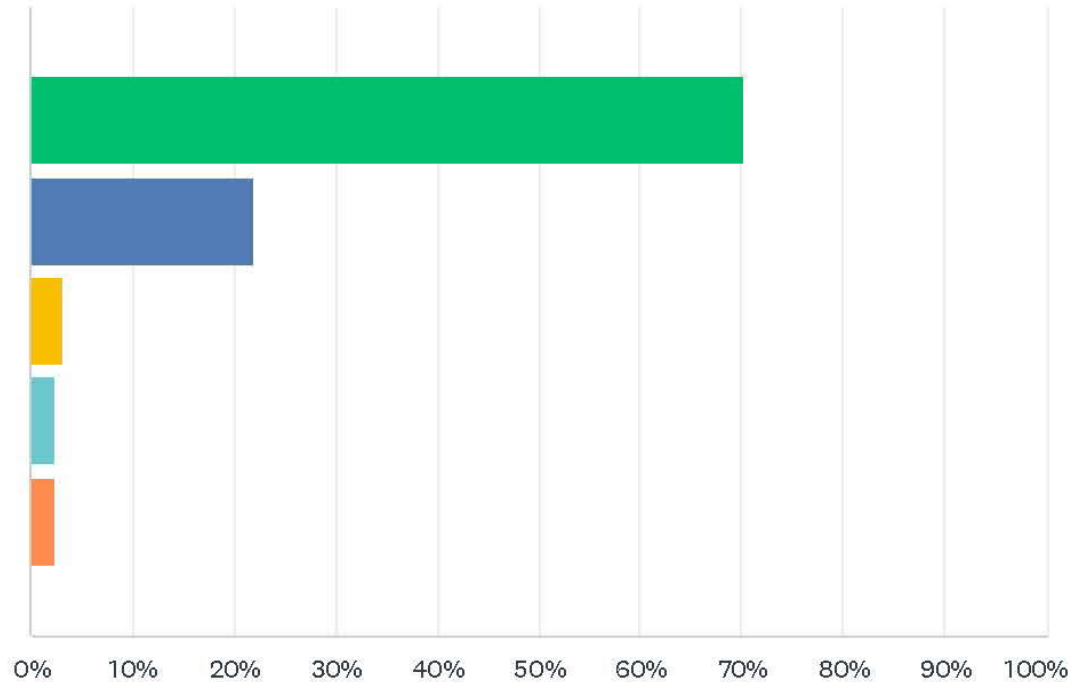


Over 90% feel its very important or somewhat important to maintain and upgrade infrastructure to reduce flood risk.

VERY IMPORTANT	SOMEWHAT IMPORTANT	NEITHER IMPORTANT NOR UNIMPORTANT	SOMEWHAT UNIMPORTANT	VERY UNIMPORTANT	TOTAL	WEIGHTED AVERAGE
70.32%	20.90%	2.99%	2.99%	2.82%	603	1.47
424	126	18	18	17		

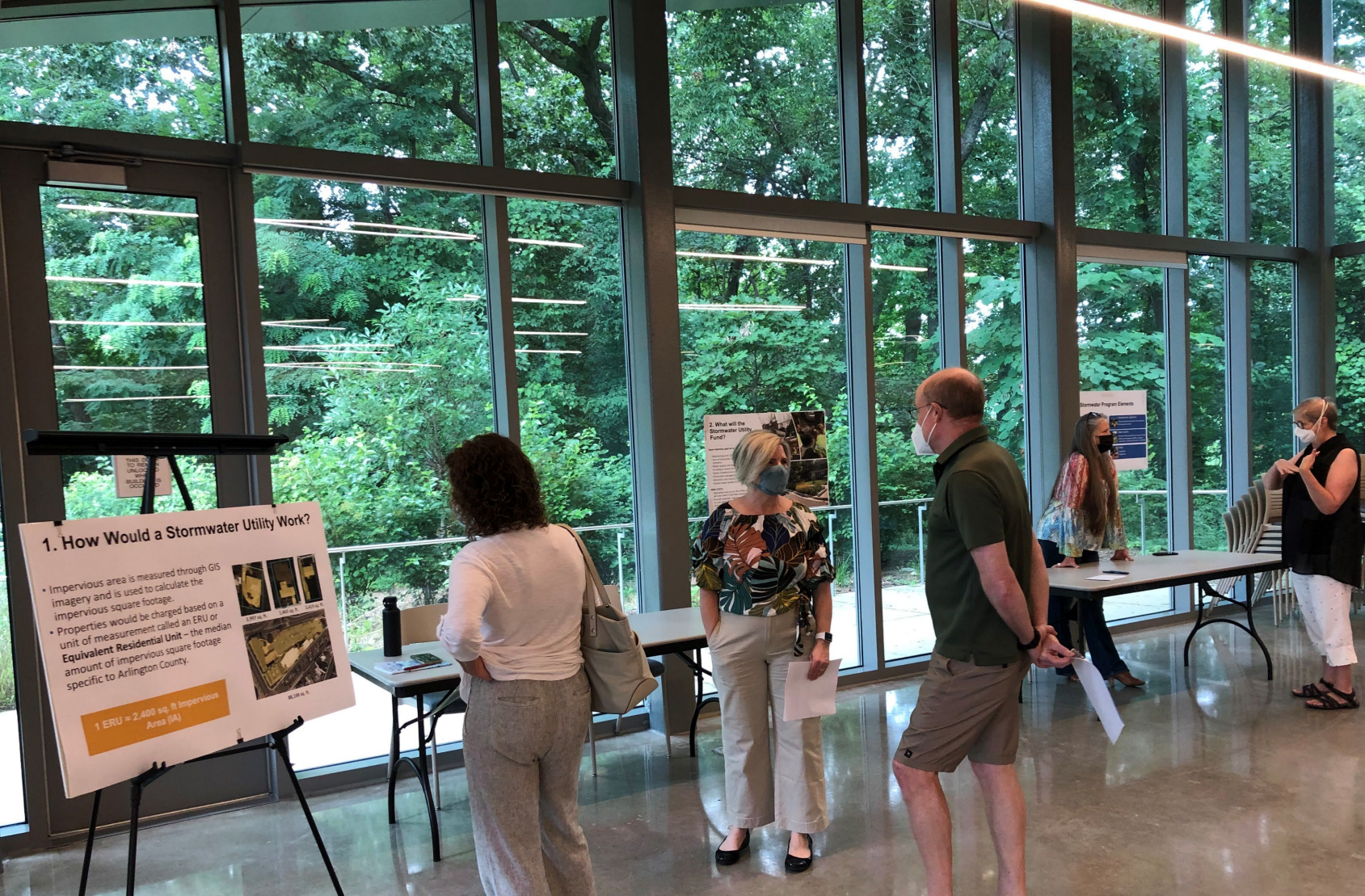
Q: Rate how important it is for the County to maintain and/or upgrade its stormwater infrastructure to improve water quality and/or stream health.

Answered: 604 Skipped: 5



Over 90% feel its very important or somewhat important to maintain and upgrade infrastructure to improve water quality.

VERY IMPORTANT	SOMEWHAT IMPORTANT	NEITHER IMPORTANT NOR UNIMPORTANT	SOMEWHAT UNIMPORTANT	VERY UNIMPORTANT	TOTAL	WEIGHTED AVERAGE
70.20%	22.02%	3.15%	2.32%	2.32%	604	1.45
424	133	19	14	14		



Open House, July 17th

Draft Credit Program

A Stormwater Credit Program Aims To...



Support water quality



Promote private sector
awareness and voluntary
measures



Minimize administration

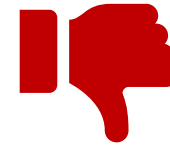


Acknowledge positive
behaviors

Stormwater Credit Program Pros & Cons



- Increases positive public perception and buy-in
- Encourage customers to implement and maintain BMPs and participate in practices that improve environmental quality
- Low revenue impact



- Increases workload
- Participation can be hard to predict
- If not done correctly, the credit discount may not correlate with the BMP impact.

Typical Revenue Impact for Credit Programs

Even with the most generous program, the revenue impact is generally small

- Ex: City of Baltimore \approx 1% lower revenues

Stormwater Credit Programs are a "thank you" to a customer for doing the right thing

Few customers receive the maximum discount



Most customers get just a few dollars

Not a bill assistance program, but a "thank you" for helping the environment

Credit Program Overview

- The primary purpose of the utility is to recover costs for the stormwater management program
- Per VA code, a credit program is required
- Intent is to balance benefits of the credit program with the administrative cost and burden
 - Considerations of equity



DRAFT

Credits will be Available for Mandatory and Voluntary Activities

- The credit program will include both mandatory and voluntary actions
- Up to 35% for all customers
 - Approximately \$80/ERU
- VA law requires that localities provide a credit for qualifying stormwater facilities, even mandatory ones installed as part of a development project



04/18/2014 10

Mandatory Stormwater Facilities

- In Arlington, construction projects disturbing more than 2500 sq ft must apply for a land disturbing activity permit (LDA) and must install stormwater management facilities
- Amount of the credit for these facilities will be based on performance and design standard under which the facilities were installed
- Credit will be automatically given if the property owners comply with inspection requirement (online form with photos that connects to County tracking database)



Mandatory Stormwater Facility Credit – All Property Types

- Installed before 2014, or Streamlined permit (LDA) = 5%
- Installed after 2014:
 - Less than 1 acre = 10%
 - Over 1 acre = 15%
 - LDA 2.0 = 15%
- The performance and design standard for mandatory stormwater facilities have increased over time
- Property owner must complete required compliance inspection and submit forms on time for automatic annual credit

Residential Voluntary Credit

- Permeable driveways
- Rain garden
- Native plant landscaping
- Rainwater collection
- Tree Planting

DRAFT



Stormwater Customer Class	Number of Trees for Maximum Credit
Townhome	1 native shade tree
Single Family	2 native shade trees
Single Family – Above the Cap	3 native shade trees
Multi-Family	1 native shade tree per 2 units
Non-Residential	2 native shade trees per ERU



Multi-family and Non-Residential Voluntary Credit

- Stormwater education event (Once per year, 30 attendees)
- Volunteer activity (30 volunteer hours)
 - Adopt-a-Street
 - Storm Drain Marking
 - Stream Cleanup
 - Invasive Plant removal
- Parking Lot Sweeping (6 times per year)
- Permeable parking
- Tree Planting
- Rain Garden
- Conservation Landscaping

DRAFT

Discussion

- What are your thoughts on the credit program? Round robin
- Which credits would you anticipate applying for?
- Are there any other actions that you think the County should offer credit for?

Webmap Overview

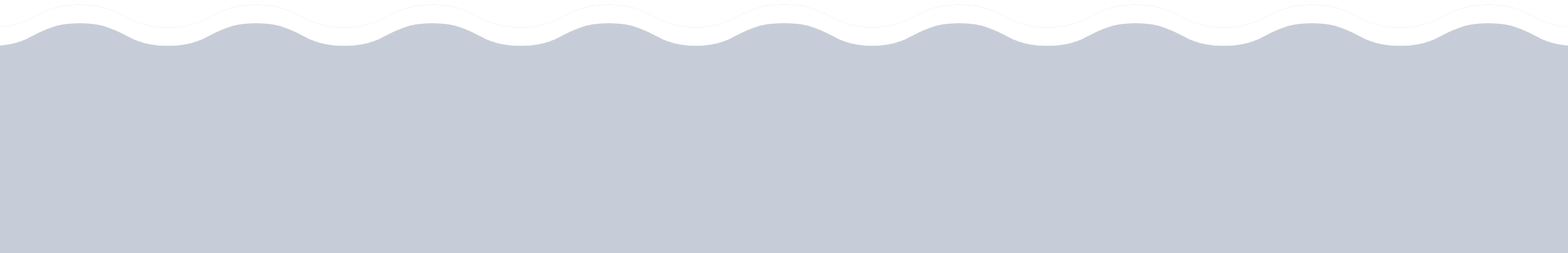
- The webmap bill estimator will be available in September.
- It will allow property owners to look up the ERUs for their property

The screenshot displays the AC Maps web application interface. The browser address bar shows the URL: gis.arlingtonva.us/Html5Viewer/Index.html?configBase=http://gis.arlingtonva.us/Geocortex/Essentials/REST/sites/ACMaps/viewers/HTML5/virtualdirectory/Resources/Config/Default&run=ParcelSearch&ParcelId=33001076&Stop=50000. The interface includes a search bar, a toolbar with various navigation and tool options (Full Extent, Pan, Zoom In, Zoom Out, Previous Extent, Next Extent, Bookmarks, Pictometry, Find Address, Find a Park, Parcel Search, Plot Coordinates, Feedback, Identify, Point, Export, Print, Share), and a main map area showing an aerial view of a residential neighborhood. A specific parcel is highlighted with a yellow border. The left sidebar displays the following information:

- Parcels (1)
- RPC: 33001076
- [Details for Real Estate Assessments](#)
- Name: LEE JOHN R. & MILDRED R.
- Owner Address: 1517 11TH ST S, ARLINGTON, VA, 22204
- Total Value: \$ 624700

At the bottom of the sidebar, it indicates "Displaying 1 - 1 (Total: 1)" and "Page 1 of 1". The map area includes a scale bar (0 to 30ft) and a north arrow. The footer of the application reads "GIS Mapping Center, Arlington County, Va | GIS Mapping C" and "Latitude Geographics Group Ltd. Powered by Geocortex".

Wrap-Up



Wrap-Up and Next Steps

Meeting	Topics	Approximate Date
Review (If needed)	<ul style="list-style-type: none">• Review recommendations• Additional discussion• Answer questions	October

Public Comment