



Stormwater Utility and Flood Mitigation Advisory Committee

Sep 18, 2024 | 6:00 p.m. | Hybrid (Virtual and In-Person) Meeting

Minutes

Advisory Group Members Present:

V	John Chapman	V	Howard “Skip” Maginniss
P	Dino Drudi	P	Brian Sands
P	John Hill (Chair)	P	Janette Shew
A	Cheryl Leonard	A	Christine Thuot
P	Chris Ferrara	P	Katherine Waynick (Vice-Chair)

Staff Present:

V	Brian Rahal, T&ES Civil Engineer IV	V	Haweni Gobena,
P	Dan Medina, DPI Stormwater Program Manager	P	Jesse Maines, T&ES Division Chief, Stormwater Management
P	Emma Wheeler, T&ES Communications Office	V	Jessica Lassetter, T&ES Civil Engineer III
V	Erin Bevis-Carver, Sanitary Infrastructure Division Chief	P	Jonathan Whiteleather, DPI Technical Project Manager
V	Felicia Montoney, T&ES Management Analyst I	A	Lisa Jaatinen, T&ES Civil Engineer IV
A	Alex Haptemariam, DPI Senior Technical Project Manager	P	Mitch Dillon, DPI Associate Technical Project Manager
P	Wael Eltayeb, DPI Technical Project Manager	P	Terry Suehr, DPI Director
V	Mujeeb Atefi	P	Rami Chehade, DPI Deputy Director

P = Present A = Absent V = Virtual (on call)



Tonight's Agenda

1. Welcome remarks from Chair (6pm, 5 min)
2. Approval of minutes (Committee) (6:05pm, 5 min)
3. Update on Flood Action program (City staff) (6:10pm, 30 min)
 - Large capacity projects
 - Combined sewer projects
 - Spot improvements
 - Sanitary Sewer Asset Renewal Program
 - Communications
 - Maintenance
 - Flood Resilience Plan
4. Discussion of Summer 2024 storms (all) (6:40pm, 10 min)
5. First Street modeling (all) (6:50pm, 10 min)
6. Committee workplan and outreach activities by members (Committee) (7:00pm, 10 min)
7. Committee memo in support of FY2026 stormwater fee (Committee) (7:10pm, 10 min)
8. Public comments (7:20pm, 20 min)
9. Adjourn (7:40 pm)

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1. Welcome remarks

2. Approval of minutes

Minutes approved.

3. Update on Flood Action program

3a. Large Capacity Projects (Presented by Jon Whiteleather)

Flood Action Progress Report: Large Capacity Projects & CSS

- Commonwealth/Ashby/Glebe (est. \$50M) Large capacity flood mitigation. Progressing 90% design. Continuing coordination with utility companies for relocation design and responsibility. Exploring alternative alignment and foundation designs as a cost savings measures. Public frequently asked question (FAQ) document has been posted on the project webpage.
- Hooffs Run Culvert Bypass (est. \$60M) Large capacity flood mitigation. Fieldwork component of field survey along Russell Road is complete. Developed model to investigate possible solutions and determine feasibility. Two flow monitoring sites selected. The data collected will allow improvement of the hydraulic model.
- Pitt & Gibbon (\$20-25M) CSO surcharge mitigation. Survey completed. Alternatives assessment ongoing. Exploring opportunities to increase level of service provided.
- Nethergate (\$5M) CSO Surcharge mitigation. Additional dye testing and inspection of local connections performed last period. Collapsed pipe found in private system. City team to finalize planning and move to design stage.



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Review of the Flood Action Progress Report was finalized over the summer.

Commonwealth/Ashby/Glebe:

- Coordinated design and are now working to establish formal agreements with utility companies.
- 60% cost estimate was over budget. The city has been exploring alternatives to reduce cost
 - Main cost driver: Foundation design required due to poor soils near outfall.
 - Solution:
 - Shifting culvert into ball field – avoids vertical constraints of overhead power lines. This allows for use of cheaper foundation design.
 - Over-Excavation: will replace poor soil below plan level with crushed stone mat instead of piles (less expensive). May result in more settlement but is tolerable as culvert is outside roadway.
- Utilities: must reroute utilities located in culvert before excavation can begin (neighboring utilities can remain). Rerouting could be done by City’s contractor or the utility companies.
- Public Outreach:
 - In response to Open House, the city posted an FAQ page, which will be included in the newsletter.
 - Will have follow up public meeting after 90% design, followed by design revisions and City review.
- Keeping to original construction procurement date of June 2025
 - Construction procurement to begin in Summer 2025. Construction start estimated for Summer 2026.

Questions/Comments:

- (Waynick) Determine whether motorcade/security would impact project.
- (Drudi): Consider whether an extreme storm event would cause overflow into Four Mile Run and undo environmental remediation work. Is there an environmental impact statement (EIS) requirement?
 - Response: Addressed concern in design – included rip-wrap and followed VDOT guidelines. Working with Army Corps of Engineers.

To-do: Check if is included in FAQ. Waynick and Leonard will take lead on public outreach.

Hooffs Run Culvert Bypass:

- Completed fieldwork along Russell Road.
- Developed model to assess storage and capacity improvement alternatives.
 - Alternative considers underground storage in areas of flooding and upsized conveyance pipes. Pump station not feasible
 - Construction date: July 2026
 - Culvert is working well
- Added flow monitoring sites to assist model and collect data.

Question (Waynick): Whether will need to repurpose properties for storage.

- City must assess legality.



To-Do: At request of Councilman Chapman, provide document summarizing process for buyouts to inform committee recommendations during budget season (include success examples). Hill will take lead on public outreach.

Pitt & Gibbon CSO Surcharge Mitigation: Completed survey over summer. Exploring options with higher level of service (not meeting 10-year storm threshold).

To-Do: Thuot will take lead on public outreach.

Nethergate CSO Surcharge Mitigation:

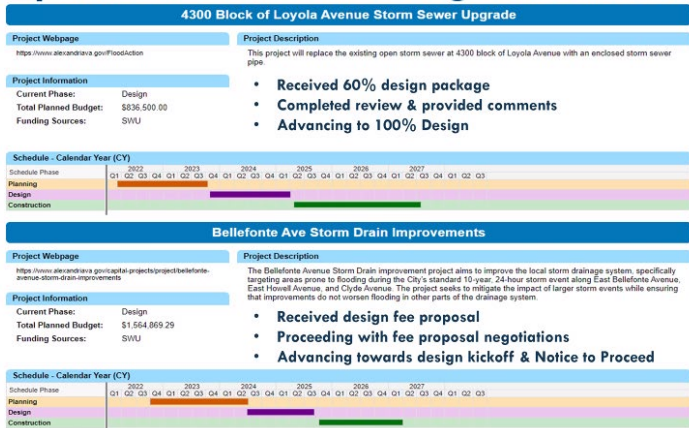
- Conducted survey of condo neighborhoods to assess sump pump laterals (many homeowners experience backwater) and understand potential impact of proposed alternative on residents before moving to design stage.
 - Completed survey week of 09/09/24. Closing out planning phase.
 - Survey allowed to explain project to residents, including its limitations.
- Found collapsed pipe in private ROW, alerted condo board.
- City in contact with president of condo administration who is disseminating updates to residents.

Input (Drudi): Suggested hosting semi-public meeting to inform residents of project.

To-Do: Drudi will take lead on public outreach.

3b. Spot Improvements (Presented by Dillon)

Flood Action Progress Report: Updates to Stormwater Program Schedule



The program includes 13 projects. Slides include plan budget, description, updates, and timeline (note: start of construction indicates start of construction procurement). Updated as of 09/01/2024.

1. 4300 Block: Targeted at one property where open system transitions to closed system. Received 60% design comments. Construction is set for 2025.
2. Bellefonte Ave: Project goal is to provide conveyance of 10-year, 24-hour storm event. Received design fee proposal and are proceeding with fee negotiations.



Flood Action Progress Report: Updates to Stormwater Program Schedule

Hume Ave Stormdrain Bypass

Project Webpage: <https://www.alexandriava.gov/esh/hume-avenue-bypass-project>

Project Description: The Hume Avenue Storm Sewer Bypass Project will install storm sewer and inlets along the 100 block of Hume Avenue and E. Raymond Avenue. The addition of a new utility within each right-of-way requires the relocation of gas, electric, water and sanitary systems. On E. Raymond Avenue the sanitary sewer will be upgraded to a larger pipe in tandem with its re-location. Hume Avenue will be re-built to restore conveyance along the curb and gutter.

Project Information:
 Current Phase: Design
 Total Planned Budget: \$4,567,216.00
 Funding Sources: SIWU, ARPA

- Completed test pitting operation
- Negotiating utility relocations
- Coordinating right-of-entry agreements

Schedule - Calendar Year (CY)

Schedule Phase	2021	2022	2023	2024	2025	2026	2027
Planning	Q1-Q4						
Design		Q1-Q4					
Construction			Q1-Q4				

Mt Vernon and Edison Dual Culvert Replacement Project

Project Webpage: <https://www.alexandriava.gov/stormwater-management/mount-vernon-dual-corrugated-metal-pipe-cmp-culvert-replacement-project>

Project Description: The project upgrades an existing Dual Corrugated Metal Pipe (CMP) culvert system to convey larger storm events, reducing the chance of surcharging in Mount Vernon Avenue. The project receives funding from the City's Stormwater Utility and a grant from the Virginia Community Flood Preparedness Fund (CFPF).

Project Information:
 Current Phase: Design
 Total Planned Budget: \$2,500,000.00
 Funding Sources: SIWU, CFPF

- Received 60% design package
- Identified damage to existing pipe
- Reviewing additional investigation needs & project impact

Schedule - Calendar Year (CY)

Schedule Phase	2022	2023	2024	2025	2026
Planning	Q1-Q4				
Design		Q1-Q4			
Construction			Q1-Q4		



6. Hume Ave: New storm sewer on Hume Ave (42 in.) and East Raymond to increase capacity and prevent water pooling in backyards (though some capacity limitations downstream).
 - a. Completed test pitting – identified mild conflicts that should be able to be resolved. The City is negotiating utility relocation on East Raymond St with Dominion, Washington Gas, and Telecom companies, and right-of-entry with Truist Bank.
 - b. Construction Procurement: 2025, will need to relocate certain utilities ahead of construction.
7. Mt Vernon and Edison: Due to identification of additional culvert damage during 60% design review, City is investigating structural integrity of culvert and will then slip line with high-density polyethylene to increase discharge rate.

Flood Action Progress Report: Updates to Stormwater Program Schedule

Mt. Vernon Cul-de-sac Inlets and Alley Storm Sewer Improvements

Project Webpage: <https://www.alexandriava.gov/capital/projects/project-mt-vernon-cul-de-sac-inlets-and-alley-storm-sewer-improvements>

Project Description: The Mt. Vernon Cul-de-sac Inlets and Alley Improvements Project will provide flood mitigation for townhomes on the 100 block of Mt. Vernon Avenue. Inlets and underground storage vaults will be installed on Mt. Vernon Avenue and its adjacent alleyway to capture and attenuate storm water runoff. In tandem with work, the alleyway will be re-gridded to improve surface drainage into the downstream swale. The addition of new underground utilities requires the relocation of the local water utility.

Project Information:
 Current Phase: Construction
 Total Planned Budget: \$1,232,784.00
 Funding Sources: SIWU, ARPA

- Received bid documents & utility approvals
- Assembling construction solicitation
- Planning public construction kickoff & utility mobilization

Schedule - Calendar Year (CY)

Schedule Phase	2021	2022	2023	2024	2025	2026
Planning	Q1-Q4					
Design		Q1-Q4				
Construction			Q1-Q4			

N Overlook Drainage Improvements

Project Webpage: <https://www.alexandriava.gov/capital/projects/project-n-overlook-drainage-improvements-project>

Project Description: Runoff from N Overlook Dr flows to a driveway access between 701 N Overlook Dr and 615 N Overlook Dr. Runoff overtops the north curb of the driveway access and flows towards Pullman Pl. This project will increase inlet capture and storm sewer capacity to mitigate flooding for the 10-year storm. In addition, project will ensure no increases in downstream storm sewer for the 10-year storm.

Project Information:
 Current Phase: Construction
 Total Planned Budget: \$387,979.35
 Funding Sources: SIWU

- Achieved substantial completion
- Improvements functioning as designed
- Resolving outstanding claims & punch-list (minor) items

Schedule - Calendar Year (CY)

Schedule Phase	2021	2022	2023	2024
Planning	Q1-Q4			
Design		Q1-Q4		
Construction			Q1-Q4	





- 8. Mt Vernon Cul-de-sac: Intend to install underground stormwater storage. Completed design. Received bid documents, engaged utility providers, and are assembling construction solicitation (likely invitation to bid instead of on-call). One utility provider will need to mobilize before construction.
 - a. Public kickoff: Fall or Winter 2024
- 9. N Overlook Drainage Improvements (behind Beverly Hills park): Functioning as designed, a few surface issues are being addressed.

Flood Action Progress Report: Updates to Stormwater Program Schedule

Oakland Terrace Timber Branch Channel Wall Replacement

<p>Project Webpage https://www.alexandria.gov/capital-projects/projects/oakland-terrace-timber-branch-channel-wall-replacement</p> <p>Project Information</p> <p>Current Phase: Construction Total Planned Budget: \$2,500,000.00 Funding Sources: SWU</p>	<p>Project Description This project replaces approximately 205 linear feet of an existing concrete retaining wall with a vegetative reinforced revetment and bioengineered soil.</p> <ul style="list-style-type: none"> Part of the larger Timber Branch project Completed construction mobilization Installing channel bank reinforcement & stabilization
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S Jordan St. Stormwater Improvement Phase II

<p>Project Webpage https://www.alexandria.gov/capital-projects/projects/s-jordan-st-stormwater-improvement-project-phase-ii</p> <p>Project Information</p> <p>Current Phase: Planning Total Planned Budget: \$530,000.00 Funding Sources: SWU</p>	<p>Project Description This project will design a solution to reduce backyard flooding risk to the maximum extent practicable on the north side of the block of 95 to 127 South Jordan Street. After the field investigation, reviewing CCTV recordings and reading the consultants recommendations, one small scale project was identified. SWM team to work with private property owners along S Jordan St and 4600 Duke to improve the existing swale and conveyance on private property. The City will plan to obtain a 15-ft. wide permanent easement for the storm drain system in this neighborhood as part of this project. Obtaining an easement will allow the City to provide maintenance to the storm drain system without having to request permission.</p> <ul style="list-style-type: none"> Completed initial site investigation Planning an effective solution with property constraints
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- 10. Oakland Terrace (part of Timber Branch project): Converting 205-foot concrete retaining wall to a vegetative reinforced revetment. Under construction.
- 11. S Jordan: Completed site investigation. Site is constrained property that abuts residential properties.

Flood Action Progress Report: Updates to Stormwater Program Schedule

Valley Drive Storm Drain Improvements

<p>Project Webpage https://www.alexandria.gov/capital-projects/projects/valley-drive-storm-drain-improvements</p> <p>Project Information</p> <p>Current Phase: Design Total Planned Budget: \$3,639,999.29 Funding Sources: SWU</p>	<p>Project Description The Valley Drive Storm Drain improvement project aims to improve the local storm drainage system, specifically targeting areas prone to flooding during the City's standard 10-year, 24-hour storm event along Valley Drive, Crestwood Drive, Summit Avenue, and Dogwood Drive. The project seeks to mitigate the impact of larger storm events while ensuring that improvements do not worsen flooding in other parts of the drainage system.</p> <ul style="list-style-type: none"> Completed project planning Issued design solicitation & received fee proposal Negotiating design fee with selected contractor
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W. Reed Ave & Dale St Storm Sewer Improvements

<p>Project Webpage https://www.alexandria.gov/stormwater-management/edison-street-and-dale-st-storm-sewer-phase</p> <p>Project Information</p> <p>Current Phase: Design Total Planned Budget: \$2,230,000.00 Funding Sources: SWU</p>	<p>Project Description W. Reed Ave & Dale St. Storm Sewer Improvements Project proposes new inlets and storm sewer along the 100 block of W. Reed Ave and capacity improvements along the downstream system to the outfall in Four Mile Run Park. These storm sewer improvements are a portion of the future Large Capacity Project – Edison and Dale that have been accelerated with Virginia Community Flood Preparedness Fund (CFPP) prior to the funding becoming available in FY 2026.</p> <ul style="list-style-type: none"> Completed Test Pitting Operation Advancing towards 90% design Planning construction procurement
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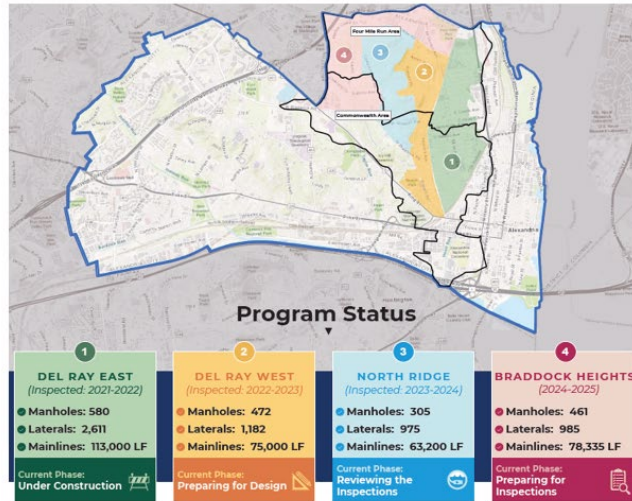
- 12. Valley Drive: Finished planning, selected design contractor, and are negotiating fee.
- 13. W Reed Ave and Dale: Impacted by need for test pitting. Clarified sewer and sanitary crossing and can advance to 90% design.

3c. Sanitary Sewer (Presented by Bevis-Carver)

Sanitary Sewer Asset Renewal Program

• Del Ray East Sewer Rehabilitation:

- Contractor issued Notice to Proceed Oct 16, 2023
 - Contract period = 1 year
 - To be extended until mid-January 2025
- Construction progress:
 - 80% pipes lined
 - 98% manholes rehabilitated
 - Lateral sewers under separate contract



- Del Ray East:
 - In May: 70% of pipes had been lined. Now 85% (15-20% of pipes left). Several lines require temporary construction easements.
 - Contractor shifted to manhole rehabilitation and replacement (some not to standard). Therefore, updated schedule with goal to finish by end of 2024 / mid Jan 2025.
- Del Ray West: Design phase.
- North Ridge: Completed inspections, determining which manholes require rehab.
- Braddock Heights: Starting inspections in Fall 2024.

3d. Communications (Presented by Wheeler)



Communications

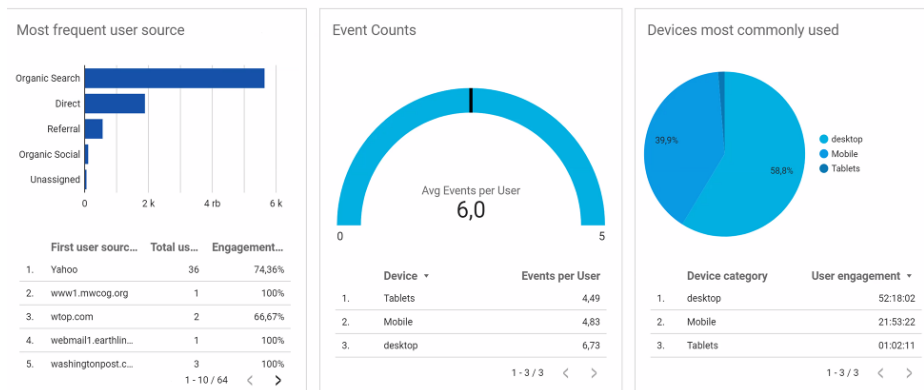


- 26 Total Flood Action/ Stormwater social media posts in June-August
- Impressions: 96,496 decreased by 35%
- Engagements: 1,806 decreased by 64%
- Post link clicks: 156 decreased by 70%
*Compared to previous 3 months (March-May)
- 8,322 Stormwater Management webpage views
*86 total pages under Stormwater Management web group
- Average engagement rate: 57.6%
- Most popular stormwater webpages:
 - Flood map = 1,419 views
 - Flood Action = 867 views
 - Types of Sewer Systems = 677

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- Social media: all flood actions go to general page. Overall decrease.
- Popularity of webpages is consistent, lots of links attached, common starting point

Communications



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Question (Waynick): SCO.

- City doesn't have SCO capabilities. Switched analytics system. Saw engagement spike during SWOO application window.

To-Do (Waynick): Tell members how can help.

3e. Maintenance Activities (Presented by Dr. Medina)



Maintenance Activities



- **Hooffs Run Culvert Maintenance**
 - Pre and post storm inlet inspections and cleaning ongoing.
 - Sediment removal is being coordinated with AlexRenew.
 - Anticipated to start in Fall 2024.
 - Culvert maintenance package from Linden Street to Duke Street
 - Request for Quotes sent to contractors on September 12th.
 - Quotes to be submitted by October 1st.
- **Linden Street Alley Storm Sewer Project:**
 - Construction completed in August 2024.

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Best practice: Every 3 years. Inspected Hooffs culvert 1-2 years ago, deemed cleaning not necessary.

Comment (Hill): Running robotic cameras before and after cleaning provides evidence of progress and the need for consistent maintenance schedule. Effective with community members.

3f. Flood Resilience (Presented by Lassetter)

Flood Resilience Plan



- City awarded \$525,000 from Virginia Community Flood Preparedness Fund (CFPF)
 - 75/25 match with Stormwater Utility providing \$175,000
 - Total project estimated at \$700,000
- **Make the City more resilient and address**
 - Hazard identification, flood mitigation, flood preparedness and response, policies and regulations, funding strategies, and communications
- Include efforts to reach communities with barriers to access
- Engaging impacted community members

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Update: Awarded in July, funds in September. City holding kickoff meeting with technical experts.

3g. Flood Mitigation (Presented by Montoney)



Discussions of Summer 2024 Storms



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Sensors (Hill): Shows improved performance of culverts due to cleaning. Demonstrates why need sensors, important to share with community.

Comment (Waynick): Good to install sensors at Commonwealth Ave.

5. First Street Modeling (Presented by Rahal)

First Street is a for-profit firm that delivers flood map products. Citywide subscription (staff and public) would cost \$200,000 per year.

- Alternative: Flood Resiliency Plan includes citywide vulnerability assessment – would provide more context-specific and higher resolution data. Positive: City can perform own flood risk assessment.

Comment (Sands): Beneficial to consider multi-hazard approach. Important to inform residents of vulnerability, is part of committee's responsibility and ethical duty. Appreciate need to balance with potential liability requirements, but increased public understanding can contribute to political will.

6. Committee Workplan (Presented by Hill)

Stormwater Utility and Flood Mitigation Advisory Committee Proposed Work Plan for 2024-2025		
Work Stream	Purpose	Activities & Deliverables
Community Awareness	To increase residents' awareness of -- and involvement in -- the projects planned in their neighborhoods	Maximize resident awareness and attendance at all community meetings regarding these projects: <ul style="list-style-type: none"> - Commonwealth/Ashby/Glebe - Nethergate - Hooff's Run Bypass - Miscellaneous Spot projects - Pitt & Gibbon Place special emphasis on residents most impacted by these projects. (Throughout the year)
Business Involvement	To better understand the impact of stormwater and flooding issues on Alexandria businesses and design appropriate mitigation strategies.	Targeted updates to the Alexandria business community impacted by stormwater flooding.
Assessing Plans & Budgets	To report to Council whether the appropriate level of funding is allocated to the most effective storm- and floodwater mitigation projects.	A statement in support of the Stormwater Fee increase that briefly summarizes post storm season and the need for continued investment (October). A budget season report -- and testimony -- on the progress of the stormwater mitigation program overall, with an emphasis on expenditures to-date and planned investments. Answer the three questions raised in our 2023 report. (March to May).
Informing City- and State-level Policies	To provide the perspective of residents and businesses as City staff works with Council and our state representatives in shaping policies regarding storm- and floodwater mitigation	Contribute relevant stormwater proposals to the City's legislative package to Richmond (September) Engaging and coordinating with other City organizations concerned with water-related issues (on-going)



To-Do: Connect neighborhood with relevant projects. Notify committee how can support legislative items and/or grant funding package submissions.

Budget: Need statement in support of Stormwater Fee increase and a budget season report.

7. Committee Memo in Support of FY2026 Stormwater Fee

Stormwater Utility 10-Year Plan: FY 2025 - FY 2034

Stormwater Rate	Approved FY 2024	Proposed FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	FY 2025 - FY 2034
Stormwater Utility Rate per ERU	\$ 294.00	\$ 308.70	\$ 324.10	\$ 340.30	\$ 360.70	\$ 385.90	\$ 412.90	\$ 429.40	\$ 540.00	\$ 556.20	\$ 572.90	
Proposed Rate Increase	5.0%	5.0%	5.0%	6.0%	7.0%	7.0%	4.0%	3.0%	3.0%	3.0%	3.0%	
New Stormwater Utility Rate	\$ 308.70	\$ 324.10	\$ 340.30	\$ 360.70	\$ 385.90	\$ 412.90	\$ 429.40	\$ 442.30	\$ 556.20	\$ 572.90	\$ 590.10	

Revenues	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	FY 2025 - FY 2034
Billing Units	60,571	60,813	61,056	61,300	61,545	61,791	62,038	62,286	62,535	62,785	63,036	
Non Billable Units for EDTR	430	430	430	430	430	430	430	430	431	432	432	
Revenue Generation	18,698,000	19,709,000	20,777,000	22,111,000	23,750,000	25,514,000	26,639,000	27,549,000	34,782,000	35,970,000	37,198,000	273,999,000
Other Revenue Sources	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,001	21,002	21,002	210,005
General Fund Contribution for ED	135,000	140,000	146,000	152,000	158,000	164,000	171,000	178,000	185,000	192,000	200,000	1,686,000
Revenue Stream Reductions for Im	(191,000)	(197,000)	(203,000)	(209,000)	(215,000)	(221,000)	(228,000)	(235,000)	(242,000)	(249,000)	(256,000)	(2,255,000)
New Debt Issuance	\$9,320,000	\$13,350,000	\$45,925,000	\$32,815,000	\$17,570,000	\$15,085,000	\$13,445,000	\$16,285,000	\$16,295,000	\$14,995,000	\$16,114,000	\$201,879,000
State/Federal Grants	-	-	-	-	-	-	-	-	-	-	-	-
Use of Fund Balance SWU	87,000	-	-	-	-	-	-	-	-	-	-	-
COA General Fund Loan	-	-	-	-	-	-	-	-	-	-	-	-
Total Revenues	28,070,000	33,023,000	66,666,000	54,890,000	41,284,000	40,563,000	40,048,000	43,798,000	51,041,001	50,929,002	53,277,002	475,519,005

Expenditures	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	FY 2025 - FY 2034
All Operating	7,946,789	8,226,386	8,520,000	8,844,000	9,203,000	9,578,000	9,901,000	10,213,000	11,112,000	11,461,000	11,821,000	98,879,386
All Capital Projects	18,570,200	23,158,850	56,072,300	44,102,900	28,461,000	24,104,100	20,317,300	20,946,300	24,330,200	21,060,665	20,391,776	282,945,391
Repayment of G/F Loan	675,000	675,000	650,000	-	-	-	-	-	-	-	-	1,325,000
All Debt Service	878,010	963,764	1,423,300	1,941,895	3,622,991	6,890,668	9,831,405	17,641,596	15,600,507	\$18,408,560	\$21,058,502	92,372,187
Total Expenditures	28,069,999	33,023,000	66,665,600	54,888,795	41,286,991	40,562,768	40,049,705	43,800,896	51,042,707	50,930,225	53,271,278	475,521,964

Operating Costs	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2031	FY 2032	FY 2033	FY 2034	FY 2025 - FY 2034
ITES Personnel	4,992,884	5,007,151	5,158,000	5,313,000	5,473,000	5,638,000	5,808,000	5,983,000	6,163,000	6,348,000	6,539,000	57,430,151
Main Operating	537,810	757,972	781,000	805,000	830,000	855,000	881,000	908,000	936,000	965,000	994,000	8,712,972
BMPs Operation	279,000	288,000	297,000	306,000	316,000	326,000	336,000	347,000	358,000	369,000	381,000	3,324,000
Ononoca Outfall Maintenance	141,000	146,000	151,000	156,000	161,000	166,000	171,000	177,000	183,000	189,000	195,000	1,695,000
Additional operating impact from capital	67,000	70,000	73,000	76,000	79,000	82,000	85,000	88,000	91,000	94,000	97,000	835,000
Indirect Costs	1,720,000	1,813,000	1,911,000	2,034,000	2,185,000	2,347,000	2,451,000	2,535,000	3,200,000	3,309,000	3,422,000	25,207,000
Contingent Cash Funding	209,095	144,263	149,000	154,000	159,000	164,000	169,000	175,000	181,000	187,000	193,000	1,675,263
Subtotal, Operating Costs	7,946,789	8,226,386	8,520,000	8,844,000	9,203,000	9,578,000	9,901,000	10,213,000	11,112,000	11,461,000	11,821,000	98,879,386

- Capital Improvement Program (2026): Equivalent residential unit fee to increase from \$324.10 to \$340.30 (5% increase), will generate ~67 million. Aligns with project needs.
- Discussion: Drudi: Should be flat 5% fee every year. Hill and Waynick: Favor annual determination of fee. Waynick: Projects are justification for increase in percentage. Sands: Sensors are critical evidence. Hill and Waynick: Important to capture baseline data.

Citizen advisory committee: Motion to approve 5% rate increase from \$324.10 to \$340.30 for FY2026.

Motion by Brian Sands. Seconded by Katie Waynick.

- Sands: Moved motion to authorize [John Hill] to write letter in support.
- Waynick: Seconded.
- All in favor say aye: Aye.
 - o No opposed. No abstentions.
- Moves.

Hill to write memo.

8. Public Comments

Drudi: Prior meeting minutes did not include staff Jesse Maines and Terry Suehr as present. Need to address.





John Craig (resident): Area surrounding townhouse has flooded several times. House has not flooded because spent \$160,000 on mitigation: excavated and waterproofed front and side foundation. Added external sump pump and three additional internal pumps. Waterproofed walls, increased pumping capacity by 300% on inside, and outside. Braddock Rd has since experienced three floods.

Drudi: Suggestion to relocate crosswalk halfway up West St and to have permanent sandbags on Braddock Rd until find permanent solution.

Hill: Suggest establishing project instead.

Waynick: New development along Braddock has increased pipe size. Potential opportunity to add storage during construction. Constraint: Metro station.

Dr. Medina: New development is doing addition water retention due to ordinance.

Mr. Craig: Sued city over Braddock underground storage because concluded would not improve flooding in area, which violated Braddock Small Area Redevelopment Plan mandate that any new development provide additional outfall so wouldn't flood. City responded that can't expect private developer to pay for stormwater management (but can require that pay for sewer improvements). City studied three options – storage, conveyance, and a combination (costing \$32.5 million) – but did not consider improving outfall to Eastwood / Berlin St.

Drudi: Recommended that Braddock Rd be added to priority list, was received by City Council, want to determine why wasn't adopted. Braddock is a key intersection and impacts large number of residents, should consider direct and indirect impacts. Must assess formula.

Hill: Need to get response. Will provide support to stormwater fee in October. Request city staff analyze issue and propose solution (could be 10 years out). Must incorporate in pipeline.

Waynick: Need to address systematically.

Meeting adjourned at 8:39PM by unanimous vote.