

To the Mayor and Members of the City Council

September 7, 2023

Page 1 of 7



SUBJECT: Potential Acceleration of Proposed Flood Mitigation Improvements and Stormwater Fee Credit Policy

The following budget response is a follow up to Council’s questions received during Stormwater’s Aug. 24, 2023 budget work session presentation. Council requested information regarding accelerating capital flood mitigation project delivery and the Stormwater Utility Fee Credit Policy.

Potential Acceleration of Proposed Flood Mitigation Improvements

A 15% Stormwater Utility Fee increase is included in the City’s FY24 recommended budget with half of the new revenue going toward beginning to tackle large scale, capital flood mitigation improvements in the Upper Lebow, Linwood / W. 7th, and the McCart / Berry areas and half of the new revenue going toward citywide maintenance service level improvements. The proposed fee increase would allow for an estimated \$17M of PayGo and \$160M of debt (\$39M in FY26, \$22M in FY29, \$23M in FY32, & \$76M in FY35) to advance several phases for each capital project to be implemented between FY24 to FY38, however, future funding would be needed to complete each of the overall projects as shown in Table 1 below.

Table 1 - Estimated Capital Delivery Plan Based on Proposed FY24 15% Fee Increase

Proposed Capital Flood Mitigation Improvements	Est. Cost of Overall Project (in 2023 dollars)	Est. Phase 1 Funding (in 2023 dollars)	Est. Future Funding Needed for Remaining Phases (in 2023 dollars)	Begin Design of Phases Funded with Proposed FY24 Fee Increase
Upper Lebow	\$75M	\$25M	\$50M	Phase 1a in FY25 Phase 1b in FY32 Phase 1c in FY35
Linwood / West 7 th *	\$110M	\$69M	\$41M	Phase 1a in FY26 Phase 1b in FY35
Berry / McCart	\$40M	\$24M	\$16M	Phase 1a in FY29 Phase 1b in FY32

*The estimated cost above does not include a potential future pump station

During the Aug. 24, 2023 budget work session presentation on the proposed fee increase, City Council asked what it would take to accelerate the delivery of the overall capital flood mitigation improvements. The scenarios below are based on high level planning (with the exception of Scenario 1 which was based on more detailed financial forecasting) show what it would take to accelerate and complete the overall delivery of these three projects. More detailed financial forecasting regarding debt issuances can occur in the future based on feedback from Council and City Management.

Scenario 1: 42.5% fee increase in FY24 instead of the proposed 15% increase

- 35% of the increase would be used to accelerate capital project delivery by providing an estimated \$170M bond revenue in 2026 and \$24M in 2029. Additionally, \$79M of PayGo over the period FY24 to FY29 would go toward these projects.
- 7.5% of the increase would go toward citywide maintenance service level improvements planned within the currently proposed FY24 15% fee increase
- It is estimated that this level of increase would allow for the following accelerated delivery (design and construction completion) timeframes:

To the Mayor and Members of the City Council

September 7, 2023

Page 2 of 7



SUBJECT: Potential Acceleration of Proposed Flood Mitigation Improvements and Stormwater Fee Credit Policy

- o Upper Lebow - FY24 to FY30
- o Linwood / W. 7th - FY24 to FY31
- o Berry / McCart - FY25 to FY28
- Overall, this scenario would complete the three overall projects by FY31 while the currently proposed 15% scenario would construct only the initial phases by FY38 and leave the remaining phases to complete the overall projects unfunded

Scenario 2: 15% fee increase in FY24, and 31% fee increase in FY25

FY23 revenue x 1.15 (FY24) x 1.31 (FY25) = 1.506 = 50.6% increase to FY23 baseline

- FY24 currently proposed 15% fee increase split 50/50 between capital and maintenance
- FY25 fee increase of 31% in addition to the FY24 increase, would be used to accelerate delivery of large scale flood mitigation projects. The estimated bond revenue, PayGo, and project delivery timeframes would be the same as Scenario 1 above.

Scenario 3: 15% fee increase in FY24, 18% fee increase in FY25, and 15% in FY26

FY23 revenue x 1.15 (FY24) x 1.18 (FY25) x 1.15 (FY26) = 1.561 = 56.1% increase to FY23 baseline

- FY24 currently proposed 15% fee increase split 50/50 between capital and maintenance
- All of the 18% fee increase in FY25 and 15% fee increase FY26 would be used to accelerate delivery of the large scale flood mitigation projects
- The estimated bond revenue, PayGo, and project delivery timeframes would be the same as Scenario 1 and 2 above.

Table 2 below shows a comparison between the estimated project delivery timeframes for the currently proposed fee increase and the scenarios above and Table 3 shows estimated bond revenue and PayGo.

Table 2 - Estimated Project Delivery Timeframes for Scenarios

Proposed Capital Flood Mitigation Improvements	Est. Cost of Overall Project (in 2023 dollars)	FY24 15% Fee Increase Half Toward Capital	Scenario 1, 2, and 3 Begin Design Through Construction Completion of Overall Project
Upper Lebow	\$75M	Partial delivery between FY24-FY38	FY24 to FY30
Linwood / West 7th*	\$110M	Partial delivery between FY24-FY38	FY24 to FY31
Berry / McCart	\$40M	Partial delivery between FY24-FY38	FY25 to FY28

To the Mayor and Members of the City Council

September 7, 2023

Page 3 of 7



SUBJECT: Potential Acceleration of Proposed Flood Mitigation Improvements and Stormwater Fee Credit Policy

Table 3 - Estimated Bond Revenue and PayGo for Scenarios

Fee Increase Scenario	Effective Fee Increase Above FY23 Base	Bond Revenue				PayGo	Total	Project Delivery
		FY26	FY29	FY32	FY35			
Proposed FY24 Increase (split 50/50; 7.5% capital *7.5% maintenance)	15.0%	\$39M	\$22M	\$23M	\$76M	\$17M	\$177M	FY24-FY38 – Phase 1 only (partially completed)
Scenario #1 (FY24: *42.5%)	42.5%	\$170M	\$24M	-	-	\$79M	\$273M	FY24-FY31 – All Projects Completed
Scenario #2 (FY24: *15%, FY25: 31%)	50.6%	\$170M	\$24M	-	-	\$79M	\$273M	FY24-FY31 – All Projects Completed
Scenario #3 (FY24: *15%, FY25: 18%, FY26: 15%)	56.1%	\$170M	\$24M	-	-	\$79M	\$273M	FY24-FY31 – All Projects Completed

* The proposed FY24 budget, and Scenarios 1, 2, and 3, each include the FY24 7.5% fee increase portion to fund increased maintenance service levels

The above information is based on high level planning. Project components, design and construction phasing, and cost estimates will be refined during Project Development, which has already been initiated for the Upper Lebow and Linwood / W. 7th flood mitigation improvements. Project Development for the Berry / McCart improvements will kick off in Fall 2023 after the review and evaluation of recently received Statements of Qualifications and contract negotiation. Project delivery projections consider a 5% annual cost inflation. Additionally, the overall delivery plan may be adjusted due to changes in utility fee revenue projections and debt sale interest rates. The Stormwater Program will continue to explore if partnerships, grants, and if Tax Increment Finance (TIF) District funding could also be used to accelerate delivery. The current fund balance and City financial policies regarding balance requirements will also be reviewed to determine if surplus funding in the reserves is available that could be reallocated to fund capital flood mitigation improvements.

The FY25 and FY26 fee increases in Scenario 2 and 3 do not include funding for maintenance. Additional funding for future maintenance will continue to be considered each fiscal year due to the priority to increase maintenance resources to address the backlog of maintenance needs for aged infrastructure, and the growing asset inventory from development growth. Future maintenance funding would go primarily towards our highest needs; increasing our rate of pipe condition assessments, increasing pipe/structure repairs, channel maintenance, and channel restoration. The benefits of continued maintenance service level improvements are city-wide data collection, flood mitigation, and keeping infrastructure in good condition to reduce costly capital funding needs in the future.

Impact on Rate Payers

The attached Tables 4-6 show the impact of the currently proposed FY24 15% fee increase and Scenario 1 on rate payers. The new potential monthly rates for low occupancy, single family residential, are shown in

To the Mayor and Members of the City Council

September 7, 2023

Page 4 of 7

**SUBJECT: Potential Acceleration of Proposed Flood Mitigation Improvements and Stormwater Fee Credit Policy**

Table 4. Table 5 shows the monthly increase of the currently proposed FY24 15% fee increase and Scenario 1 on the average single family homeowner, sample small and medium sized commercial properties, and the Top 20 rate payers. Table 6 shows the currently proposed FY24 15% fee increase and Scenario 1 impact on City funds.

The impact of the Scenarios 2 and 3 could be calculated in the future depending on Council's interest in each scenario.

Stormwater Utility Fee Credit Policy

Stormwater fee credits are available to non-single family residential property owners for post-construction stormwater practices. The Stormwater Utility Fee Credit Policy, an appendix to the Stormwater Criteria Manual, was established at the time of the creation of the Stormwater Utility in 2006. Credits are applied to monthly water bills. The current, July 2022 fee credit policy is attached.

The fee credit policy was originally targeted to encourage voluntary stormwater management post-construction practices to improve water quality since neither City Code nor the City's drainage criteria requires treatment of runoff, except in very limited areas such as direct discharge into the Trinity River and discharges in the Lake Worth watershed. The Tarrant Regional Water District has separate water quality regulations regarding direct discharge into the Trinity River which falls under their jurisdiction, and Chapter 12.5-511 and 12.5-5128 of City Code governs unauthorized discharges of harmful substances and pollutants in the Lake Worth watershed.

The following categories in the policy give credit for water quantity, flood mitigation measures:

- **Category 1- Zero Discharge, up to 80% credit on stormwater utility fees.** This credit is awarded to participants that can retain the 100-year, 24-hour storm event on their own property without discharging into the City's drainage system. Retaining runoff for smaller storm events could receive pro-rated credit.
- **Category 2- Extra Flood Storage, up to 25% credit on stormwater utility fees.** This credit is awarded to participants who mitigate above and beyond what is required to mitigate their own runoff to address off-site flooding for the 5-year 24-hour storm.

At this time, four school districts and eight other property owners (several receiving credits at multiple locations) participate in the fee credit program for a total credit of just over \$153,000. Below are the main reasons why we believe the policy is not used more than it is:

- **Upfront Financing-** Many developers are not the end owner of the property and are not responsible for paying the future stormwater utility fee so they financially don't see the benefit of the upfront cost to implement potential fee credit measures. Specifically, for the two credit policy categories above, implementation can be expensive. Developers may not readily have the financing nor see the benefit in mitigating off-site flooding even though future property owners could be faced with existing flooding conditions around the new development.
- **Credits Program Staffing-** The Stormwater credit program has very limited staffing (a limited percentage of 1 FTE) so program outreach is limited and typically focused on school districts, the top twenty rate payers, pre-development conference meetings, and with property owners that approach the City specifically interested in the program.

To the Mayor and Members of the City Council**September 7, 2023**

Page 5 of 7

**SUBJECT: Potential Acceleration of Proposed Flood Mitigation Improvements and Stormwater Fee Credit Policy**

Based on Council feedback, Stormwater could evaluate potential changes to the credit program. Benchmarking could be performed on other stormwater utilities to understand credit categories, program success rates, staffing, cost-benefit analysis, legal requirements, and implementation. Benchmarking could also evaluate how upfront financial incentives could potentially be provided by the Stormwater Utility and how these could be funded and prioritized to better incentivize developers to implement flood mitigation above and beyond what is required for their development in high priority flood prone areas. It is anticipated that flood mitigation benefits through this type of upfront financing would be limited and incremental since many flood prone areas of the City are already highly developed.

It is anticipated that higher credit program participation with potential changes could require more staff resources. Additionally, incentivized financing through the credit program could reallocate funding away from future capital projects and may require a future fee increase to accommodate priorities.

If you have questions concerning this information, please contact Jennifer Dyke, TPW Stormwater Program Management Assistant Director at 817-392-2714 or Jennifer.Dyke@FortWorthTexas.gov.

David Cooke
City Manager

To the Mayor and Members of the City Council

September 7, 2023

Page 6 of 7



SUBJECT: Potential Acceleration of Proposed Flood Mitigation Improvements and Stormwater Fee Credit Policy

Attachment

Table 4 - Currently Proposed FY24 15% Fee Increase and Scenario 1 Impact on Low Occupancy, Single Family Rate Payers

Low Occupancy Billing Tier	Billing Unit- Equivalent Residential Units (ERU)	Billing Basis	Current Monthly Rate	Currently Proposed FY24 15% Fee Increase Monthly Rate	Scenario 1 42.5% Fee Increase Monthly Rate
Tier 1	0.5 ERU	Up to 1,300 square feet	\$2.88	\$3.31	\$4.10
Tier 2	1.0 ERU	1,300 to 2,475 square feet	\$5.75	\$6.61	\$8.19
Tier 3	1.5 ERU	2,476 3,394 square feet	\$8.63	\$9.92	\$12.30
Tier 4	2.0 ERU	3,394+ square feet	\$11.50	\$13.23	\$16.39

Table 5 - Monthly Increase of the Currently Proposed FY24 15% Fee Increase and Scenario 1 on the Average Single Family Homeowner, Sample Small and Medium Sized Commercial Properties, and the Top 20 Rate Payers

Rate Payers		Current Monthly Payment \$5.75 / billing unit/ mnth	15% increase Monthly Payment Increase \$6.61/billing unit/mnth	42.5% increase Monthly Payment Increase \$8.19/billing unit/mnth
Average Single Family Homeowner		\$5.75	\$0.8625	\$2.4438
Sample Small Commercial (1 acre of impervious cover)		\$96.33	\$14.45	\$40.9417
Sample Medium Commercial (10 acre of impervious cover)		\$963.33	\$144.50	\$409.4167
Top 20 Rate-Payers				
1	City of Fort Worth	\$81,599	\$12,240	\$34,680
2	FWISD	\$58,517	\$8,778	\$24,870
3	Walmart	\$23,784	\$3,568	\$10,108
4	Keller ISD	\$22,736	\$3,410	\$9,663
5	Northwest ISD	\$19,646	\$2,947	\$8,350
6	Eagle Mountain Saginaw ISD	\$18,493	\$2,774	\$7,860
7	FEDEX	\$17,800	\$2,670	\$7,565
8	AT Industrial Owner 1 LLC	\$16,986	\$2,548	\$7,219
9	Bell Helicopter	\$14,349	\$2,152	\$6,099
10	TD Industries Inc.	\$13,513	\$2,027	\$5,743
11	Mercantile Partners	\$13,358	\$2,004	\$5,677
12	Crowley ISD	\$12,608	\$1,891	\$5,358
13	Tarrant County	\$11,335	\$1,700	\$4,818
14	Kroger	\$10,984	\$1,648	\$4,668
15	American Airlines	\$10,921	\$1,638	\$4,642
16	Alcon Laboratories Inc	\$9,840	\$1,476	\$4,182
17	Alliance Towncenter Investors	\$9,529	\$1,429	\$4,050
18	All Storage	\$8,456	\$1,268	\$3,594
19	Fort Worth Federal Center	\$7,885	\$1,183	\$3,351
20	Dallas Fort Worth Auto Auction	\$7,873	\$1,181	\$3,346

To the Mayor and Members of the City Council

September 7, 2023

Page 7 of 7



SUBJECT: Potential Acceleration of Proposed Flood Mitigation Improvements and Stormwater Fee Credit Policy

Table 6 - Currently Proposed FY24 15% Fee Increase and Scenario 1 Impact on City Funds

Department Name	2024 Billing Units (ERU)	FY2024 Utility Fee Amount	FY2024 15% Adjustment	FY2024 42.5% Adjustment
Culture & Tourism	1,383	\$95,427	\$10,736	\$30,417
Municipal Golf	106	\$7,314	\$823	\$2,331
Environmental Management	0	\$30	\$3	\$10
Stormwater Utility	203	\$13,999	\$1,575	\$4,462
Solid Waste	188	\$12,972	\$1,459	\$4,135
Municipal Parking	451	\$31,119	\$3,501	\$9,919
Aviation	189	\$13,041	\$1,467	\$4,157
Wastewater	1,283	\$88,527	\$9,959	\$28,218
Water	1,342	\$92,598	\$10,417	\$29,516
Property Management	205	\$14,169	\$1,594	\$4,516
TPW Capital Services	23	\$1,587	\$179	\$506
City Attorney's Office	2	\$169	\$19	\$54
City Auditor's Office	1	\$68	\$8	\$22
City Manager	24	\$1,651	\$184	\$523
City Secretary	2	\$108	\$12	\$35
Code Compliance	174	\$12,036	\$1,354	\$3,837
Development Services	9	\$605	\$68	\$193
Economic Development	46	\$3,174	\$357	\$1,012
Financial Management Services	6	\$393	\$44	\$125
Fire	703	\$48,493	\$5,455	\$15,457
Human Resources	3	\$181	\$20	\$58
ITS	31	\$2,151	\$242	\$686
Library	249	\$17,188	\$1,934	\$5,479
Municipal Court	11	\$765	\$86	\$244
Neighborhood Services	235	\$16,222	\$1,825	\$5,171
Parks and Recreations (PARC)	5,125	\$353,591	\$39,779	\$112,707
Planning & Data Analytics	1	\$86	\$10	\$28
Police	1,641	\$113,195	\$12,734	\$36,081
Police Oversight Monitor	1	\$44	\$5	\$14
Property Management	270	\$18,615	\$2,094	\$5,934
TPW	397	\$27,380	\$3,080	\$8,727
Grand Total	14,303	\$986,899	\$111,025	\$314,570
General Fund Impact	8,930	\$ 616,117	\$ 69,312	\$ 196,384



APPENDIX F-STORM WATER UTILITY FEE CREDIT POLICY



STORM WATER UTILITY FEE CREDIT POLICY

Authority and Purpose

The City of Fort Worth (City) adopted an ordinance (No. 16781) creating a Storm Water Utility (Utility) in July 2006 to provide a stable and equitable funding for its Storm Water (SWM) management program. Developed properties are charged monthly storm water utility fees based on the amount of impervious area on a parcel of property. The ordinance establishing the Utility also gives the Transportation and Public Works (TPW) Director the authority in Section 12.5-343(C) to grant credits (Credits) to non-residential rate payers who voluntarily use storm water runoff management techniques. These credits are applied as percent discounts to regular monthly storm water fees.

A general scheme of granting credits was developed by citizen task force and presented to the City Council for comment in 2008. The purpose of this Credit Manual is to set forth the specific conditions that must be achieved to qualify for Credits. Each credit listed below is given to encourage voluntary practices which will benefit the SWM program.

Eligibility

Per section 12.5-343(C) of the ordinance, credits are only available to non-residential properties.

Types of Credits

Credits are available under the following categories. The percentages reflect maximum possible credit award.

1). Zero Discharge:	80%
2). Extra Flood Storage:	25%
3). Water Quality & Green Infrastructure Treatment:	25%
4). Inlet Trash Collection Devices:	10%
5). Inlet Marker Installation:	\$100 maximum
6). Parking Lot Sweeping:	Minimum 5%, maximum on case-by-case
7). Student Education:	10%
8). Public Education:	5%
9). Trash Cleanup:	10%/event up to 20%
10).Beneficial special measures:	Maximum on case-by-case



Conditions for Credit

The following general conditions apply:

- Credit is valid for a year, and will require yearly renewals;
- Deadline for annual renewals is March 31;
- Sum of credits, except for Zero-Discharge and Beneficial Special Measures, cannot exceed 40%;
- The maximum credits, in certain categories, reflect applicant going demonstrably above and beyond the minimum standard and credit is negotiated on a case-by-case basis;
- Credit applicant agrees to their facility being inspected;
- Annual self-inspection of facilities and reporting is required for renewal;
- A maintenance plan for credits associated with detention and retention ponds, and green infrastructure is required;
- Modification of an existing facility with additional improvements to receive credits may require amendment to the applicant's Storm Water Facility Maintenance Agreement (SWFMA);
- Student education credit will be awarded by School District and requires the Education Coordinator's (or similar position) signature.
- Incomplete or untimely submission by renewal deadline will result in any credit being automatically suspended for 3 months.

Administration of Credit Program

The Credit program will be administered as follows:

- The Storm Water Program Manager or designee in SWM will be responsible for the overall administration of the program;
- The Water Quality Engineer in SWM will be the point-of-contact for accepting, reviewing and authorizing the individual credit application;
- Once credit is authorized, the application will be sent to SWM's Billing Section which will be responsible for amending the account for change in storm water utility fees with the credit;
- Credit will be given to the applicant on the next billing cycle following receipt of completed application.

Credit Categories

1). Zero Discharge Credit (80% credit)

A credit of up to 80% of Storm water fees will be given for impervious areas which drain to a retention pond that is designed and operated to contain runoff from a 100-year 24-hour storm without discharge from the property. Retention pond with lower levels of service will be considered for a pro-rated credit. This credit is intended for runoff that's stored in retention ponds for later re-use. A signed and sealed study by a qualified engineer must be approved by SWM for this credit to be granted. Property owners interested in this credit should meet with SWM staff prior to engaging an engineer to perform the study to understand the engineering analysis required to meet the qualifying standards.



2). Extra Flood Storage (up to 25% credit)

This credit is offered for participants that allocated flood storage volume on their private properties to help alleviate significant flooding in the surrounding area due to inadequate and/or undersized public drainage infrastructure. The intent of this category is for applicants, in addition to meeting the storm water requirements for development of their property, to over detain storm water runoff on their property to provide off-site flood relief. Participants will need to demonstrate through engineering calculations that they have provided extra detention while going beyond the City's drainage requirements for their property. Applicants interested in pursuing this should contact the City to find out if their property is in an area of significant flood risk where this might be appropriate.

Credit will be pro-rated based on the amount of volume provided on the property owner's storm water facility to relieve the 5-year flooding. Full credit of 25% will be awarded if the property owner provides 100% additional volume (beyond development requirement) on their property to mitigate the 5-year flooding, and pro-rated thereafter by percentage (100% of 5-year event mitigated= 25% fee credit, 50% of 5-year event mitigated = 12.5% fee credit). These will be reviewed and assessed on a case-by-case basis.

3). Water Quality & Green Infrastructure (GI) Treatment Credit (up to 25% credit)

25% credit will be given for impervious areas draining to a water quality treatment control Best Management Practice (BMP). A maintenance plan for the BMP is required. Applicants should provide a written narrative from an engineer of how their BMP accomplishes water quality treatment of storm water discharges from impervious cover through Green Infrastructure (GI) or other BMP practices. In the case of treatment credit for non-structural detention facilities, the expectation is that the applicant would have retrofitted the facility outlet so it works to detain and gradually release flows for different levels of storm return periods (2-year and 5-year storms). Structural BMP water quality devices such as below ground treatment devices are required to treat the 24-hour 85th percentile storm. If application for credit is happening during the design stage, the written narrative should be incorporated into their design sheets. Property owners interested in this credit should meet with SWM staff prior to sending an application. Credit will be prorated based on the amount of water quality treatment the system provides.

- Non-structural BMP treatment for both the 2 year and 5-year event - 25% credit
- Non-structural treatment for the 2-year event- 12.5% credit

4). Inlet Trash Collection Devices (10% credit)

Up to 10% credit will be given for impervious areas draining to inlet BMP devices that are designed and operated to collect litter and sediment from minor flows of less than one year storm frequency. The inlet BMP devices should not pose additional flooding risks around the inlet area. Approval must be given for the specific design of the fitting, including manufacturer's recommended maintenance and frequency. The property owner will be responsible for maintenance of the device via a Storm Water Facility Maintenance Agreement with the City. Annual self-reporting is required.



5. Inlet Marker Installation Credit (up to a \$100 credit once/year)

Inlet markers are an educational tool that help communicate to the public about the importance of not placing pollutants into the storm drain system, which directly flow into our community's creeks and channels. Depending on the amount of inlet markers installed, up to a \$100 credit can be received for inlet marker installation by a volunteer group. Each group can only receive credit 1 time/year and the credit is applied to the month's bill after the volunteer project is completed, or to several bills totaling up to the credit amount, if the monthly bill is less than the received credit. Volunteer groups can work to receive a credit for non-residential property storm water utility rate payers such as Homeowners Associations, commercial business, or non-profit organizations.

The amount of credit received will be \$2.50/marker installed with a minimum of 20 markers installed:

- 20 markers installed = \$50 credit
- 40 markers installed = \$100 credit

Those interested in this credit should contact the City to discuss application for the credit and confirm that inlet markers and installation materials are currently available. Specific locations of inlet marker installation along with amount of credit will be pre-determined by City staff. Volunteer groups may be able to specify areas where they would like to install the markers. Volunteer leaders will need to pick up and bring back supplies to a specified City location. Volunteers will need to sign release of liability waivers and commit to abiding by all precautions associated with use of the adhesive used to apply the markers to the inlets.

6. Parking Lot Sweeping (Minimum 5%, maximum on case-by-case basis)

The 5% credit will be given for a parking lot swept once weekly. More intense sweeping and cleaning in *environmentally sensitive areas* may be eligible for higher levels of credit on a case-by-case basis.

7. Student Education (10%)

A 10% credit will be given to public or private K-12 educational facilities where an average of one hour/student of age-appropriate storm water related teaching is provided each year. Eligible topics include: flood protection, public safety and environmental stewardship and other subject material approved by the City. Educational credits will be awarded to all schools within a district and also within City of Fort Worth meeting the above requirements and will require the Education Coordinator's (or similar position) signature. Individual schools may apply separately if the school district wishes to pursue individual credits. Applicable educational templates and forms should be requested from the SWM Water Quality Engineer.

8. Public Education (5%)

Up to 5% credit will be awarded for entities that prominently display storm water related educational signage. These signs should educate the public about the impact of pollution (e.g., trash) on the City's waterways and/or provide educational information about flood risk and associated safety precautions. In order to qualify for this credit, applicants will need to demonstrate a minimum visitor traffic of 100 visitors/day on property.



9). Trash Cleanup (10%/event, up to 20% per year for more frequent clean ups)

Up to 10% credit per cleaning event will be given to qualifying organizations that clean areas of the City where trash accumulates. Organizations are encouraged to participate in city-wide cleanup efforts such as the Cowtown Great American Cleanup and Trinity Trash Bash events. More frequent clean up events will qualify for up to a maximum of 20% credits annually.

10). Beneficial Special Measures (maximum on case-by-case)

Recognizing that there may be measures for water quantity and quality improvement not identified in the previously listed categories, this category allows awarding credit for special measures that are supportive of broader storm water management goals and objectives. These include measures that solve or improve water quantity and quality concerns for which the City has encountered various feasibility constraints. Credit under this category will be awarded on a case-by-case basis. In many cases, a signed and sealed study by a qualified engineer must be approved by SWM for this credit to be granted. Property owners interested in this credit should meet with SWM staff prior to engaging an engineer to perform the study to understand the engineering analysis required to meet the qualifying standards.

Fees

No fees are required to submit an application for a storm water credit. The cost of administering this program will be borne solely by SWM.

Application for Credits

All applicants must complete the attached Application for Storm Water Fee Credit. All required attachments indicated in the forms or specified above must be included for the application to be considered complete.

The initial review of Storm Water Credit Applications will be completed within 60 days of the receipt of the application form and required documentations. The application forms will be checked for completeness and accuracy. If deficiencies are found during the review, a deficiency letter or email will be sent to the applicant. Upon receipt of required additional information, the review will resume and be completed within 60 days of receipt of additional information. Upon qualifications, a letter or email will be sent to the applicant notifying them of approval of the credit. The storm water utility fee reduction will be applied to the next regular billing cycle.

Inspections

Upon application for a credit, the applicant shall, as applicable, grant the City a right-of-entry to inspect the site at any time to verify the information submitted and to confirm compliance with applicable program requirements. If, after its review or inspection, the City finds the application to be inaccurate or the facility to be out of compliance, the applicant will be notified in writing and given up to 45 days to correct the deficiency. The applicant must provide written documentation to the City within 45 days of the original notice by the City that the facility is now meeting all program requirements along with evidence that the deficiency has been corrected. If the deficiency is not satisfactorily corrected, the fee credit will be terminated on the following billing cycle. The credit suspension will remain in effect a



minimum of 6 months, after which time the facility may reapply for the fee credit. The reapplication must include evidence that the deficiency has been corrected and that the facility has been in compliance with the program requirements for at least 3 months prior to reapplication.

APPROVED:

Greg Simmons

12 July 22

For William M. Johnson P.E., Director, TPW

Date