



# **Director's Rule**

Title		Number	Rev. no.
Stormwater Facility Credit Calculator		DWW-260.2	3
Responsibility		Supersedes	Pages
Drainage and Wastewater Line of Business		N/A	2
General Manager/CEO signature	Approval date	Effective date	)
• Andrew Lee (Dec 13, 2024 09:25 PST)	12/13/2024	January 1, 20	)25

### A. PURPOSE

To improve the equity of drainage charges, Seattle Public Utilities (SPU) has developed a Stormwater Facility Credit Program. This program provides credits on drainage bills to customers who have installed approved stormwater management facilities that mitigate the impact on the City's drainage system of stormwater runoff from their property. Approved stormwater management facilities must meet applicable technical design requirements described in the City's Stormwater Code ("Stormwater Code") SMC 22.800.

### B. BACKGROUND

The revised Stormwater Code became effective on July 1, 2021 per Ordinance 126336. The General Manager/CEO of SPU established the 2021 Stormwater Facility Credit calculator ("2021 SFC Calculator"), effective January 1, 2022, that reflected the updated performance goals of the City's Stormwater Code, as established per Ordinance 126336. As further discussed in the Rule, one input to the credit calculation is a Rate Tier Multiplier which varies by rate tier. Ordinance 127072 establishes new drainage rate tiers, effective January 1, 2025, this rule updates the 2021 SFC Calculator to include revised Rate Tier Multipliers based on the drainage rate tiers approved under Ordinance 127072. The updated 2021 SFC Calculator will continue to apply to facilities built according to 2021 code requirements.

The General Manager/CEO has also maintained the three preceding calculators which reflect the performance goals of the prior City Stormwater Codes. The 2016 SFC Calculator ("2016 SFC Calculator") applies to facilities constructed according to 2016 code requirements. The 2009 SFC Calculator ("2009 SFC Calculator") applies to facilities constructed according to 2009 code requirements. The 2000 SFC Calculator ("2000 SFC Calculator") applies to facilities constructed according to 2009 code requirements. The 2000 SFC Calculator ("2000 SFC Calculator") applies to facilities constructed according to 2000 code requirements. This Rule also adjusts the Rate Tier Multipliers for each of these calculators to be consistent with the rate tiers established in Ordinance 127072.

### C. RULE

SPU has developed a "credit calculator" that is the formula used to calculate the percentage credit for each eligible parcel that has applied for such a credit on its drainage bill. The output of the credit calculator is a percentage credit, which may not exceed a maximum percentage, as specified in SMC 21.33.040. Credits are rounded to the nearest whole percentage, with no credit offered to calculated credits that round to less than 1 percent. The credit is then applied as a percentage discount to the customer's annual drainage bill for the parcel.

This credit calculator assigns a uniform percentage credit for each type of approved stormwater management facility, based on a weighting of the stormwater performance goals the facility satisfies and that are applicable to the appropriate drainage discharge point for that parcel. The credit calculator then considers information specific to the parcel, which is entered into the calculator by SPU, such as the percentage of the parcel's hard surface managed by the approved facility and the parcel's drainage rate category assignment. The 2021, 2016, 2009 and 2000 SFC Calculators include "Rate Tier Multipliers" which reflect the percentage of the drainage bill associated with runoff from hard surface, with such multipliers used in the calculation of the final stormwater facility credit applied to a parcel's drainage bill. The Rate Tier Multipliers vary by rate tier.

A list of all facilities that qualify as "approved stormwater management facilities" under this program is found in Table 1 (2000 SFC Calculator), Table 2 (2009 SFC Calculator), Table 3 (2016 SFC Calculator), Table 4 (2021 SFC Calculator) of Attachment A to this Director's Rule. These attachments also show the revised Rate Tier Multipliers.

### D. REFERENCES

- SMC 21.33.040, Stormwater Facility Credit Program
- SMC 22.800, Stormwater Code
- Ordinance 126336, amending Stormwater Code provisions
- Ordinance 127072 adjusting drainage rates and amending Sections 21.33.010, 21.33.030, 21.33.040, 21.33.050, and 21.33.090 of the Seattle Municipal Code to reflect adjusted rates.

### E. ATTACHMENTS

- Attachment A Table 1, Stormwater Facility Credit Program Credit Percentage Calculation: For facilities built according to 2021 and previous code requirements (Rev. 01/01/2025)
- Attachment A -Table 2, Stormwater Facility Credit Program Credit Calculator: For facilities built according to 2016 code requirements (Rev. 01/01/2025)
- Attachment A -Table 3, Stormwater Facility Credit Program Credit Calculator: For facilities built according to 2009 code requirements (Rev. 01/01/2025)
- Attachment A -Table 4, Stormwater Facility Credit Program Credit Calculator: For facilities built according to 2000 code requirements (Rev. 01/01/2025)

#### 2021 Stormwater Facility Credit Program (SFCP) Credit Calculator: For Facilities Built According to 2021 Seattle Code Requirements

Version: 07-23-21; Revised 1/1/2025

							Performance Fac 2-vr Peak Flow	tors 25-vr Peak	Weighted	Facility	/ Credit Adjusted
% Hard Surface Area Managed (see note 1)	WQ/FC Classification	Stormwater Facility Type			TSS Reduction	Runoff Volume Reduction	2-yr Peak Flow & Duration Reduction	Flow Reduction	Veighted Performance Factor (see note 2)	Facility Credit (see note 3)	Adjusted Facility Credit (see note 4)
								Facility	Credit Scaling Factor=	50%	
Vater Quality (WQ) (see note 12) Design Standard: Treatment of t		ign storm volume or flow rate									
Basin types: Basins requiring ba				Weighting Factor=	60%	40%	0%	0%			
0%	WQ-Level 1	<ul> <li>Non-infiltrating bioretention</li> <li>Biofiltration swale (basic, wet, continuous inflow, or compost amended)</li> <li>Filter strip (basic or compost amended)</li> </ul>	Basic or large sand filter basin     Sand filter vault     Linear sand filter     Wet pond	<ul> <li>Stormwater treatment wetland</li> <li>Detention/wet pond</li> <li>Detention/wet vault</li> <li>Detention/stormwater wetland</li> </ul>	81%	20%	NA	NA	57%	29%	0%
0%	WQ-Level 2	Media filter drain     Infiltration trench     Infiltrating bioretention	Wet vault     Permeable pavement surface     Inflitration basin	Proprietary BMPs     Splashblock, trench, sheet flow, or concentrated flow dispersion meeting basic filter	94%	94%	NA	NA	94%	47%	0%
Flow Control #1 (FC#1) - On-site	Ctores Manage	Permeable pavement facility	Infiltration chamber	strip requirements						I	
Design Standard: On-site Perfor Basin types: All				Weighting Factor=	15%	35%	40%	10%			
	-	Single-family residential cistern		weighting Factor=	1	1			I		
0%	FC#1-Level 1	Perforated stub-out connection	Rainwater harvesting (Runoff Volume		13%	10%	11%	27%	13%	7%	0%
0%	FC#1-Level 2	Vegetated roof     Non-infiltrating bioretention	Reduction of 25% or more, On-site List Category 4)		36%	15%	27%	41%	26%	13%	0%
0%	FC#1-Level 3	Trench downspout dispersion     Sheet flow dispersion	<ul> <li>Concentrated flow dispersion</li> <li>Splashblock downspout dispersion</li> </ul>		91%	55%	86%	77%	75%	38%	0%
0%	FC#1-Level 4 (see note 13)	Rain garden     Infiltrating bioretention	Permeable pavement facility     Permeable pavement surface	Rainwater harvesting (On-site Performance Standard, On-site List Category 2)	95%	90%	83%	27%	82%	41%	0%
0%	FC#1-Level 5	<ul> <li>Full dispersion</li> </ul>	Drywell	Standard, Onesite List Category 2)	98%	93%	89%	51%	88%	44%	0%
Flow Control #2A (FC#2A) - Wet		Infiltration trench     Od 1: Monitoring and Wetland S									
				nwater Management Manual for We	etorn Washing	ton (Ecology 2	019)				
Basin types: Wetlands	-o.+, wettand riyuro	senou rotection, presented in y	appendix i-c of Ecology a stori	Weighting Factor=	15%	30%	30%	25%			
0%	FC#2A- Level 1	Vegetated roofs     Detention cistern	Detention pipe     Detention pond (with impermeable liner)	Detention/ wet pond     Detention/ wet vault	55%	3%	46%	93%	46%	23%	0%
0%	FC#2A- Level 2	Detention vault     Sheet flow dispersion	Splashblock downspout dispersion	Detention/ stormwater wetland     Permeable pavement facility	93%	81%	87%	37%	74%	37%	0%
0%	FC#2A- Level 2 FC#2A- Level 3	Sheet flow dispersion     Concentrated flow dispersion     Infiltrating bioretention     Full dispersion	Splashblock downspout dispersion     Trench downspout dispersion     Drywell	Permeable pavement facility     Permeable pavement surface     Infiltration basin	93%	81%	87%	37% 75%	74%	37% 47%	0%
0%	FC#2A- Level 3	Sheet flow dispersion     Concentrated flow dispersion     Infitrating bioretention     Full dispersion     Infitration trench	Splashblock downspout dispersion     Trench downspout dispersion	Permeable pavement facility     Permeable pavement surface							
0% Flow Control #2B (FC#2B) - Wetl	FC#2A-Level 3 and Protection Meth	Sheet flow dispersion • Concentrated flow dispersion • Infiltrating bioretention • Full dispersion • Infiltration trench od 2: Site Discharge Modeling	Splashblock downspout dispersion     Trench downspout dispersion     Drywell     Infiltration chamber	Permeable pavement facility     Permeable pavement surface     Infiftration basin     Rainwater harvesting							
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0% Flow Control #2B (FC#2B) - Wetl Design Standard: Total runoff vo	FC#2A-Level 3 and Protection Meth	Sheet flow dispersion Concentrated Medispersion Influting bioretention Influting bioretent	Splashblock downspout dispersion     Trench downspout dispersion     Drywell     Infiltration chamber	Permeable pavement facility     Permeable pavement surface     Infifration basin     Rainwater harvesting     Second State State     Weighting Factor=     Detention/ wet yauft							
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0% Flow Control #28 (FC#28) - Wett Design Standard: Total runoff vo Basin types: Wetlands 0%	FC#2A-Level3 and Protection Meth olume within 20 perc FC#2B-Level 1	Sheet flow dispersion - Concentrated flow dispersion - Influting bioretention - Vegetated roots - Vegetated roots - Vegetated roots - Detention valt - Sheet flow dispersion - Influting bioretention - Influting bioretenti	Splaehblock downspout dispersion     Trench downspout dispersion     Drywell     Infitration chamber  uring a single event and within *     Detention pipe     Detention pord (with impermeable liner)	Permable pavement facility     Permable pavement surface     Infitration basin     Rainwater harvesting     Percent on a monthly basis     Weighting Factor=     Detention/ wet yand     Detention/ wet valt	100% 15% 55%	100% 30% 0%	97% 30% 57%	75% 25% 82%	93% 46%	47% 23%	0%
0% Flow Control #28 (FC#28) - Wett Design Standard: Total runoff vo Basin types: Wetlands 0% 0%	FC#2A-Level 3 and Protection Metholume within 20 perc FC#2B-Level 1 FC#2B-Level 2 FC#2B-Level 3	Sheet flow dispersion - Concentrated Mediapersion - Influtating bioretention - Influtating bioretention - Influtation trench ocd 2: Site Discharge Modeling ent of the pre-project volume du - Vegetated roofs - Detention vault - Detention vault - Detention vault - Concentrated flow dispersion - Influtating bioretention - Influtating bioretentio	Splashblock downspout dispersion     Trench downspout dispersion     Drywell     Infitration chamber  uring a single event and within '     Detention pipe     Detention pond (with impermeable liner)     Splashblock downspout dispersion     Trench downspout dispersion     Drywell     Drywell	Permable pavement lacity,     Permable pavement surface     Infitration basin     Rainwater harvesting     Weighting Factore     Detention/ wet yaut     Detention/ wet yaut     Detention/ wet yaut     Detention/ wet yaut     Detention/ sorrwater welland     Permable pavement facity     Permable pavement surface     Infitration basin	100% 15% 55% 96%	100% 30% 0% 84%	97% 30% 57% 89%	75% 25% 82% 38%	93% 46% 76%	47% 23% 38%	0% 0% 0%
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0% Flow Control #2B (FC#2B) - Wet Design Standard: Total runoff vo Basin types: Wetlands 0% 0% Flow Control #3 (FC#3) - Pre-dev Design Standard: Match half 2-y Basin types: Creek basins 0% 20% 0% Flow Control #4 (FC#4) - Pre-dev Design Standard: Match half 2-y	FC#2A-Level 3 and Protection Metholoume within 20 perco FC#2B-Level 1 FC#2B-Level 2 FC#2B-Level 3 veloped Forested rear to 50-year flow d FC#3-Level 1 FC#3-Level 2 FC#3-Level 3 veloped Pasture	Sheet flow dispersion - Concentrated Rw dispersion - Influting bioretention - Influting bioretention - Influting bioretention - Inflution trench out 2: Site Discharge Modeling ent of the pre-project volume du - Vegetated roofs - Detertion valt - Sheet flow dispersion - Influting bioretention -	Splashblock downspout dispersion     Trench downspout dispersion     Tench downspout dispersion     Drywell     Infitration chamber      Infitration chamber      Infitration chamber      Detention pice     Detention pond (with impermeable liner)     Splashblock downspout dispersion     Trench downspout dispersion     Drywell     Infitration chamber      Detention pice     Detention pond (with impermeable liner)     Splashblock downspout dispersion     Drywell     Detention pond (with impermeable liner)     Splashblock downspout dispersion     Detention pond (with impermeable liner)     Splashblock downspout dispersion     Trench downspout dispersion     Tench downspout dispersion	Permable pavement surface     Permable pavement surface     Permable pavement surface     Infitration basin     Rainwater harvesting     Weighting Factors     Detention/wet yaut     Detention/wet yaut     Permable pavement surface     Infitration basin     Rainwater harvesting     Weighting Factors     Verighting Factors     Detention/wet yaut     Permable pavement surface     Infitration basin     Rainwater harvesting	100% 15% 55% 96% 99% 15% 55% 93% 100%	100%           30%           0%           84%           99%           30%           30%           100%	97% 30% 57% 89% 96% 30% 46% 87% 97%	75% 25% 82% 38% 61% 25% 93% 37% 75%	45% 76% 89% 45% 74%	47% 23% 38% 45% 23% 37%	0% 0% 0% 0% 7%
0% Flow Control #28 (FC#28) - Wett Design Standard: Total runoff vo Basin types: Wetlands 0% 0% Flow Control #3 (FC#3) - Pre-dev Design Standard: Match half 2-y Basin types: Creek basins 0% 20% 0% Flow Control #4 (FC#4) - Pre-dev	FC#2A-Level 3 and Protection Metholoume within 20 perco FC#2B-Level 1 FC#2B-Level 2 FC#2B-Level 3 veloped Forested rear to 50-year flow d FC#3-Level 1 FC#3-Level 2 FC#3-Level 3 veloped Pasture	Sheet flow dispersion - Concentrated Rev dispersion - Influtation tench - Influtation tench - Influtation tench - Influtation tench - Vegetated roofs - Detention cate - Vegetated roofs - Detention cate - Detention cate - Full dispersion - Influtation tench - Influtation tench - Vegetated roofs - Detention cate - Full dispersion - Influtation tench - Detention cate - Detention cate - Influtation tench - Influtation tench - Detention cate - Detention cate - Influtation tench - Detention cate - Concentrated flow dispersion - Influtation tench - Full dispersion - Influtation tench - Full dispersion - Influtation tench - Tation to pasture condition	Splashblock downspout dispersion     Trench downspout dispersion     Trench downspout dispersion     Drywell     Infitration chamber      Infitration chamber      Detention pipe     Detention point (with impermeable liner)     Splashblock downspout dispersion     Trench downspout dispersion     Drywell     Infitration chamber      Detention pipe     Detention point     Detention pipe     Detention     Detentio	Permable pavement taclity     Permable pavement surface     Inflamation basin     Rainwater harvesting     Veighting Factor=     Detention/ wet yond     Detention/ wet yond     Permable pavement faclity     Permable pavement faclity     Veighting Factor=     Obtention/ wet yond     Detention/ wet yond     Detent	100% 15% 55% 96% 99% 15% 55% 93% 100%	30% 0% 84% 99% 30% 3% 81%	97% 30% 57% 89% 96% 30% 46% 87%	75% 26% 82% 38% 61% 25% 93% 37%	45% 76% 89% 45% 74%	47% 23% 38% 45% 23% 37%	0% 0% 0% 0% 7%
0% Flow Control #2B (FC#2B) - Wett Design Standard: Total runoff vo Basin types: Wetlands 0% 0% Flow Control #3 (FC#3) - Pre-dev Design Standard: Match half 2-y Basin types: Creek basins 0% 20% 0% Flow Control #4 (FC#4) - Pre-dev Design Standard: Match half 2-y	FC#2A-Level 3 and Protection Metholoume within 20 perco FC#2B-Level 1 FC#2B-Level 2 FC#2B-Level 3 veloped Forested rear to 50-year flow d FC#3-Level 1 FC#3-Level 2 FC#3-Level 3 veloped Pasture	Sheet flow dispersion - Concentrated dw dispersion - Influting bioretention - Influting bioretention - Influting bioretention - Influting bioretention - Inflution trench od 2: Site Discharge Modeling ent of the pre-project volume du - Vegetated roofs - Detention valt - Sheet flow dispersion - Influting bioretention - I	Splashblock downspout dispersion     Trench downspout dispersion     Trench downspout dispersion     Inflatation chamber      Inflatation chamber      Inflatation chamber      Detention pipe     Detention pond (with impermeable liner)     Splashblock downspout dispersion     Trench downspout dispersion     Trench downspout dispersion     Drywell     Inflatation chamber      Detention pipe     Detention pond (with impermeable liner)     Splashblock downspout dispersion     Trench downspout dispersion     Trench downspout dispersion     Drywell     Inflatation chamber      Detention pipe     Detention pond (with impermeable liner)     Drywell     Inflatation chamber	Permeable pavement facility     Permeable pavement surface     Infirtation basin     Rainwater harvesting     Sectors     Detention/ wet youd     Permeable pavement surface     Permeable pavement surface     Permeable pavement surface     Permeable pavement surface     Detention/ wet youd     Velighting Factors     Velighting Velighting Factors     Detention/ wet youd     Permeable pavement surface     Detention/ wet youd     Permeable pavement surface     Detention/ wet youd     Detention/ wet youd     Detention/ wet youd     Detention/ wet youd     Permeable pavement surface     Detention/ wet youd     Detention/ wet youd     Permeable pavement surface     Detention/ wet youd     Detention/ wet youd     Obtention/ wet youd     Detention/ wet youd	100% 15% 55% 96% 99% 15% 55% 93% 100%	100%           30%           0%           84%           99%           30%           30%           100%	97% 30% 57% 89% 96% 30% 46% 87% 97%	75% 25% 82% 38% 61% 25% 93% 37% 75%	45% 76% 89% 45% 74%	47% 23% 38% 45% 23% 37%	0% 0% 0% 0% 7%
0% Flow Control #2B (FC#2B) - Weti Design Standard: Total runoff vo Basin types: Wetlands 0% 0% Flow Control #3 (FC#3) - Pre-dev Design Standard: Match half 2-y Basin types: Creek basins 0% 20% 0% Flow Control #4 (FC#4) - Pre-dev Design Standard: Match half 2-y Basin types: Creek basins	FC#2A-Level 3 and Protection Metholoume within 20 perco FC#2B-Level 1 FC#2B-Level 2 FC#2B-Level 3 reloped Forested recar to 50-year flow do FC#3-Level 1 FC#3-Level 2 FC#3-Level 3 veloped Pasture rear to 2-year flow du	Sheet flow dispersion - Concentrated Rw dispersion - Inflicting bioretention - Vegetated roofs - Detertion value - Vegetated roofs - Inflicting bioretention - Vegetated roofs - Detertion value - Detertion value - Detertion value - Detertion value - Inflicting bioretention - Inflicting bioretention - Inflicting bioretention - Inflicting bioretention - Full dispersion - Detertion cidem - Full dispersion - Fu	Splaehblock downspout dispersion     Trench downspout dispersion     Trench downspout dispersion     Infitration chamber      Infitration chamber      Detention pipe     Detention pond (with impermeable liner)     Dywell     Infitration chamber      Detention pipe     Detention chamber      Detention pipe     Detention pipe     Detention pipe	Permable pavement taclity     Permable pavement surface     Inflitution basin     Rainwater harvesting     Veighting Factor=     Detention/ wet yout     Permable pavement surface     Inflitution basin     Rainwater harvesting     Veighting Factor=     Veighti	100% 15% 55% 96% 99% 15% 55% 93% 100%	30% 0% 84% 99% 30% 30% 100%	97% 30% 57% 89% 96% 30% 46% 87% 97%	75% 25% 82% 38% 61% 28% 93% 37% 75%	45% 76% 89% 45% 74% 93%	47% 23% 38% 45% 23% 37% 47%	0% 0% 0% 0% 7% 0%

Drainage Rate Tier:		1			ſ			Performance Fact	tors		Facility	
% Hard Surface Area Managed (see note 1)	WQ/FC Classification	Stormwater Facility Type				TSS Reduction	Runoff Volume Reduction	2-yr Peak Flow & Duration Reduction	25-yr Peak Flow Reduction	Weighted Performance Factor (see note 2)	Facility Credit (see note 3)	Adjusted Facility Credit (see note 4)
Flow Control #5 (FC#5) - Peak Co Design Standard: 2- and 25-year	peak control									Credit Scaling Factor=	50%	
Basin types: Public combined se	ewer, capacity-const				Weighting=	0%	25%	40%	35%			
0%	FC#5-Level 1	Detention cistern     Detention vault     Detention pipe	<ul> <li>Detention pond (with impermeable liner)</li> <li>Detention/ wet pond</li> <li>Detention/ wet vault</li> </ul>	Detention/ stormwater wetland     Vegetated roofs		NA	3%	94%	92%	71%	36%	0%
0%	FC#5-Level 2	<ul> <li>Sheet flow dispersion</li> <li>Concentrated flow dispersion</li> </ul>	<ul> <li>Splashblock downspout dispersion</li> <li>Trench downspout dispersion</li> </ul>	<ul> <li>Permeable pavement facility</li> <li>Permeable pavement surface</li> </ul>		NA	85%	85%	59%	76%	38%	0%
0%	FC#5- Level 3	<ul> <li>Infiltrating bioretention</li> <li>Full dispersion</li> <li>Infiltration trench</li> </ul>	Drywell     Infitration chamber	Infiltration basin     Rainwater harvesting		NA	99%	100%	89%	96%	48%	0%
										Total Adjuste	d Facility Credit	7.4%

Final Parcel Credit Calculation	Drainage Rate Category		% Impervious or Parcel Area	Drainage Rate Tier	Drainage Rate Tie Multiplier (see note 5)
Total Facility Credit 7%	General Service/Large Residential Ur	developed	0-10%	G1	21%
Drainage Rate Tier Multiplier (see note 5) 0%		Very Light	11-20%	G2	49%
Final Parcel Credit (see note 6) 0%		Light	21-35%	G3	69%
		Moderate	36-50%	G4	82%
Notes:		Heavy	51-64%	G5	89%
1) For the water quality standard, enter PGHS treated as a percent of the total hard surface area. For the flow control standard(s), enter hard surface area managed as a		ery Heavy	65-84%	G6	95%
percent of the total hard surface area,		mpervious	85-100%	G7	99%
2) The "Weighted Performance Factor" is the weighted average of the performance factors for a given facility and performance standard. "Weighting Factors" assign greater or lesser weight	Small Residential		Under 2,000 sq ft	R1	95%
to each performance factor relative to the environmental priorities for the type of basin in which the project is located.			2,000-3,499 sq ft	R2	89%
3) The "Facility Credit" is the "Weighted Performance Factor" multiplied by the Facility Credit Scaling Factor of 50%.			3,500-4,499 sq ft	R3	87%
4) The "Adjusted Facility Credit" is the "Facility Credit" multiplied by the "% Hard Surface Managed" by the facility.			4,500-5,499 sq ft	R4	85%
5) The "Drainage Rate Tier Multiplier" is the percentage of the customer's bill attributable to hard surface area runoff. Credit is only offered for runoff managed which originates on hard surface.			5,500-6,499 sq ft	R5	83%
6) The "Final Parcel Credit" is the "Drainage Rate Tier Multiplied by the sum of a property's "Adjusted Facility Credits" (i.e., the "Total Adjusted Facility Credit").			6,500-9,999 sq ft	R6	80%
The final parcel credit is capped at 50%. The "Final Parcel Credit" is the credit percentage applied to the customer bill. In compliance with RCW 35.67.020, the Final Parcel Credit for rainwater	Color Kev:				
harvesting systems will be the greater of 10% or the calculated Final Parcel Credit. The system must otherwise meet all performance requirements for the applicable stormwater code.					
7) Fractional credits are not offered - no credit will be offered for credits that are calculated to round to less than 1%.	20% Customer/applicant data entry (Drainage Rat	e Tier and %	6 impervious or PGHS ar	ea managed).	
8) Applicable standards will depend on project type, size, and drainage basin (see Volume 1, Chapters 4 and 5).					
9) TSS is used as an indicator of water quality treatment, Volume is used as an indicator of volume reduction via infiltration or reuse.	10% Stormwater Facility Credit				
10) If multiple flow control standards apply to a project, the largest applicable credit is applied (e.g., if an area is mitigated for FC#1, FC#4 and FC#5, enter the % hard surface managed					
under the flow control standard that provides the highest credit for the facility used).	Tier/% Lookup Table to convert impervious area im	acts of facil	ility to composite Rate C	redit Percentage.	
11) If both flow control and water quality standards apply to a project, credit will be given for both (e.g., if an area meets both treatment and flow control standards, enter the % hard surface					
managed under both the water quality and flow control standards - the resulting "% Hard Surface Managed" may exceed 100%).	15% Rate Credit that will appear on and modify b	ls, reflecting	ig stormwater facilities a	nd Rate Tier.	
12) Landscape Management Plan areas do not receive Water Quality treatment credit because no stormwater facility is installed.					
13) Sidewajk/Traj Compost-Amended Strip does not receive On-site Stormwater Management credit because it is not a facility and is equivalent to soil amendment required for all projects,					

#### 2016 Stormwater Facility Credit Program (SFCP) Credit Calculator: For Facilities Built According to 2016 Seattle Code Requirements

#### Version: 11-10-16; Revised 1/1/2025

Drainage Rate Tier:		1					Performance Fa	tors		Facilit	/ Credit
% Hard Surface Area Managed (see note 1)	WQ/FC Classification	Stormwater Facility Type			TSS Reduction	Runoff Volume Reduction	2-yr Peak Flow & Duration Reduction	25-yr Peak Flow Reduction	Weighted Performance Factor (see note 2)	Facility Credit (see note 3)	Adjusted Facility Credit (see note 4)
(see note 1)	Wene classification	Stormwater Facility Type			Reduction	Reduction	Reduction		Credit Scaling Factor=	(see note 3) 50%	(see note 4)
Water Quality (WQ) Design Standard: Treatment of t Basin types: Basins requiring ba				Weighting Factor=	60%	40%	0%	0%	orean osanng radio		
	,,,,,	<ul> <li>Non-infiltrating bioretention</li> </ul>	<ul> <li>Basic or large sand filter basin</li> </ul>	Stormwater treatment wetland							
0%	WQ- Level 1	Biofiltration swale (basic, wet, continuous inflow, or compost amended)     Filter strip (basic or compost amended)     Media filter drain	• Sand filter vault • Linear sand filter • Wet pond • Wet vault	<ul> <li>Detention/wet pond</li> <li>Detention/wet vault</li> <li>Detention/stormwater wetland</li> <li>Proprietary BMPs</li> </ul>	81%	20%	NA	NA	57%	29%	0%
0%	WQ- Level 2	Infiltration trench     Infiltrating bioretention     Permeable pavement facility	Permeable pavement surface     Infiltration basin     Infiltration chamber	<ul> <li>Splashblock, trench, sheet flow, or concentrated flow dispersion meeting basic filter strip requirements</li> </ul>	94%	94%	NA	NA	94%	47%	0%
Flow Control #1 (FC#1) - On-site Design Standard: On-site Perfor				Weighting Factor=	15%	35%	40%	10%			
Basin types: All		Single-family residential cistern		weighting Factor=	-	1					
0%	FC#1-Level 1	Perforated stub-out connection     Vegetated roof	Concentrated flow dispersion	• Transh downenout dispersion	13%	10%	11%	27%	13%	7%	0%
0%	FC#1-Level 2	Sheet flow dispersion	<ul> <li>Splashblock downspout dispersion</li> </ul>	Trench downspout dispersion     Non-inflitrating bioretention	58%	25%	60%	70%	48%	24%	0%
0%	FC#1-Level 3	Rain garden     Infiltrating bioretention	Permeable pavement facility     Permeable pavement surface	Rainwater harvesting	95%	90%	83%	28%	82%	41%	0%
0%	FC#1-Level 4	Full dispersion     Infitration trench	Dry well		98%	93%	89%	52%	88%	44%	0%
Flow Control #2 (FC#2) - Wetlan	d Protection	• Initiation trench									
Design Standard: Total runoff v	ume within 20 perc	ent of the pre-project volume du	ring a single event and within 1	5 percent on a monthly basis.							
Basin types: Wetlands				Weighting Factor=	15%	30%	30%	25%			
0%	FC#2-Level 1	Vegetated roofs     Detention cistern     Detention vault	Detention pipe     Detention pond (with impermeable liner)	Detention/ wet pond     Detention/ wet vault     Detention/ stormwater wetland	55%	0%	57%	82%	46%	23%	0%
0%	FC#2-Level 2	Sheet flow dispersion     Concentrated flow dispersion	<ul> <li>Splashblock downspout dispersion</li> <li>Trench downspout dispersion</li> </ul>	Permeable pavement facility     Permeable pavement surface	96%	84%	89%	40%	76%	38%	0%
0%	FC#2-Level 3	Inflitrating bioretention     Full dispersion     Inflitration trench	Dry well     Infiltration chamber	Infiltration basin     Rainwater harvesting	99%	99%	96%	61%	89%	45%	0%
Flow Control #3 (FC#3) - Pre-dev	/eloped Forested										
Design Standard: Match half 2-y	ear to 50-year flow d	uration to forested condition									
Basin types: Creek basins	1	Vegetated roofs		Weighting Factor=     Detention/ wet pond	15%	30%	30%	25%			
0%	FC#3- Level 1	Detention cistern     Detention vault	Detention pipe     Detention pond (with impermeable liner)     Splashblock downspout dispersion	Detention/ wet vault     Detention/ stormwater wetland	55%	3%	46%	93%	46%	23%	0%
0%	FC#3-Level 2	Sheet flow dispersion     Concentrated flow dispersion	Splasnblock downspout dispersion     Trench downspout dispersion	Permeable pavement facility     Permeable pavement surface	94%	82%	87%	40%	75%	38%	0%
0%	FC#3-Level3	Infiltrating bioretention     Full dispersion     Infiltration trench	Dry well     Infiltration chamber	<ul> <li>Infiltration basin</li> <li>Rainwater harvesting</li> </ul>	100%	100%	97%	77%	93%	47%	0%
Flow Control #4 (FC#4) - Pre-dev		untion to monthing and dit.									
Design Standard: Match half 2-y Basin types: Creek basins	ear to 2-year flow du	ration to pasture condition		Weighting Factor=	15%	30%	45%	10%			
0%	FC#4- Level 1	Vegetated roofs     Detention cistern	Detention pipe     Detention pond (with impermeable liner)	Detention/ wet pond     Detention/ wet vault	55%	0%	57%	82%	42%	21%	0%
0%	FC#4-Level 2	Detention vault     Sheet flow dispersion     Concentrated flow dispersion	Splashblock downspout dispersion     Trench downspout dispersion	Detention/ stormwater wetland     Permeable pavement facility     Permeable pavement surface	96%	84%	89%	40%	84%	42%	0%
0%	FC#4-Level 3	Inflitrating bioretention     Full dispersion     Inflitration trench	• Dry well • Infiltration chamber	Infiltration basin     Rainwater harvesting	99%	99%	96%	61%	94%	47%	0%
Flow Control #5 (FC#5) - Peak C	ontrol										
Design Standard: 2- and 25-year Basin types: Public combined s		rained, small lakes		Weighting=	0%	25%	40%	35%			
0%	FC#5-Level 1	Detention cistern     Detention vault     Detention pipe	Detention pond (with impermeable liner)     Detention/ wet pond     Detention/ wet vault	Detention/ stormwater wetland     Non-infiltrating bioretention     Vegetated roofs	NA	2%	90%	80%	65%	33%	0%
0%	FC#5-Level 2	Sheet flow dispersion     Concentrated flow dispersion	Splashblock downspout dispersion     Trench downspout dispersion	Permeable pavement facility     Permeable pavement surface	NA	85%	85%	52%	73%	37%	0%
0%	FC#5-Level3	Infiltrating bioretention     Full dispersion	Irench downspout dispersion     Ory well     Infiltration chamber	Permeable pavement surrace     Infiltration basin     Rainwater harvesting	NA	100%	100%	89%	96%	48%	0%
		Infiltration trench							Total Adjuste	d Facility Credit	0.0%

### 2016 Stormwater Facility Credit Program (SFCP) Credit Calculator: For Facilities Built According to 2016 Seattle Code Requirements

Version: 11-10-16; Revised 1/1/2025

Final Parcel Credit Calculation	Drainage Rate Category		% Impervious or Parcel Area	Drainage Rate Tier	Drainage Rate Tier Multiplier (see note 5)
Total Facility Credit 0%	General Service/Large Residential	Undeveloped	0-10%	G1	21%
Rate Tier Multiplier (see note 5) 0%		Very Light	11-20%	G2	49%
Final Parcel Credit (see note 6) 0%		Light	21-35%	G3	69%
		Moderate	36-50%	G4	82%
Notes:		Heavy	51-64%	G5	89%
1) For the water quality standard, enter PGHS treated as a percent of the total hard surface area. For the flow control standard(s), enter hard surface area managed as a		Very Heavy	65-84%	G6	95%
percent of the total hard surface area.		Impervious	85-100%	G7	99%
2) The "Weighted Performance Factor" is the weighted average of the performance factors for a given facility and performance standard. "Weighting Factors" assign greater or lesser weight	Small Residential		Under 2,000 sq ft	R1	95%
to each performance factor relative to the environmental priorities for the type of basin in which the project is located.			2,000-3,499 sq ft	R2	89%
3) The "Facility Credit" is the "Weighted Performance Factor" multiplied by 50%.			3,500-4,499 sq ft	R3	87%
4) The "Adjusted Facility Credit" is the "Facility Credit" multiplied by the "% Hard Surface Managed" by the facility.			4,500-5,499 sq ft	R4	85%
5) The "Drainage Rate Tier Multipler" is the percentage of the customer's bill attributable to hard surface area runoff. Credit is only offered for runoff managed which originates on hard surface.			5,500-6,499 sq ft	R5	83%
6) The "Final Parcel Credit" is the "Drainage Rate Tier Multiplier" multiplied by the sum of a property's "Adjusted Facility Credits" (i.e., the "Total Adjusted Facility Credit").			6,500-9,999 sq ft	R6	80%
The final parcel credit is capped at 50%. The "Final Parcel Credit" is the credit percentage applied to the customer bill. In compliance with RCW 35.67.020, the Final Parcel Credit for rainwater.	Color Kev:				
harvesting systems will be the greater of 10% or the calculated Final Parcel Credit. The system must otherwise meet all performance requirements for the applicable stormwater code,					
7) Fractional credits are not offered - no credit will be offered for credits that are calculated to round to less than 1%.					
8) Applicable standards will depend on project type, size, and drainage basin (see Volume I, Chapter 4 and 5).	20% Customer/applicant data en	ry (Rate Tier and % impervi	ious or PGHS area manag	jed).	
9) TSS is used as an indicator of water quality treatment; Volume is used as an indicator of volume reduction via infiltration or reuse.					
10) If multiple flow control standards apply to a project, the largest applicable credit is applied (e.g., if an area is mitigated for FC#1, FC#4 and FC#5, enter the % hard surface managed	10% Stormwater Facility Credit				
under the flow control standard that provides the highest credit for the facility used).					
11) If both flow control and water quality standards apply to a project, credit will be given for both (e.g., if an area meets both treatment and flow control standards, enter the % hard surface	Tier/% Lookup Table to convert im	pervious area impacts of fa	cility to composite Rate C	redit Percentage.	
managed under both the water quality and flow control standards- the resulting "% Hard Surface Managed" may exceed 100%).					
	15% Rate Credit that will appear	on and modify bills, reflecti	ng stormwater facilities a	ind Rate Tier.	

#### 2009 Stormwater Facility Credit Program (SFCP) Credit Calculator: For Facilities Built According to 2009 Seattle Code Requirements

#### Version: 10-24-16; Revised 1/1/2025

G2L	1					Performance Fa	ctors		Maximum Facilit	v Credit	50%	1
						2-yr Peak &			Calculated	Facility	Adjusted Facility Credit	
% Impervious Surface Managed		WQ/FC Classification	Stormwater Facility Type	TSS	Volume	Duration	25-yr Peak	Flow Credit Basis	Credit	Credit (1)	(2)	Notes
	t PGIS Area/Total Impervious (5)											
	of the water quality design storm volume o pasic, enhanced, phosphorus, or oil treat		Weighting=	60%	40%	0%	0%					
0%	Traditional stormwater infrastructure (non-infitrating facilities)	WQ-Level 1	Media filter Oli/vater separator Wet vault	80%	0%	NA	NA	Media filter (evaluated)	48%	24%	0%	Flow modeling not needed. Water quality performance based on Ecology's General Use Level Designation (GULD) basic treatment (TSS removal) goal.
0%	Traditional stormwater infrastructure (minimal evaporation)	WQ-Level 2	Detention/wet pond Detention/stormwater wetland Bioswales (basic, wet, and continuous inflow) Filter strips	80%	0%	NA	NA	Wetpond (modeled)	48%	24%	0%	How modeling not needed. Water quality performance based on b treatment goal in the Stormwater Management Manual for Western Washington (Ecology 2005).
078	Infikration and reuse facilities	WQ-Level 3	Bioretention cell (without underdrain) Permeable pavement facility (without underdrain)	95%	91%	NA	NA	Bioret w/o underdrain (modeled)	93%	47%	0%	Flow modeling not needed. Water quality performance estimated based on professional judgment.
	n Stormwater Infrastructure to the Maxim		nly									
	infiltration or 91 percent reduction for 1-ye	ar peak flow										
Basin types: All	1	1	Weighting= Bioretention (cell or planter with underdrains)	0%	50%	50%	0%	Bioret w/ underdrain		1	r	
0%	Non-infiltrating facilities	FC#1- Level 1	Permeable pavement facility (with underdrains)	NA	0%	20%	NA	(modeled)	10%	5%	0%	Flow modeled using WWHM3 Pro.
0%	Impervious surface reduction methods	FC#1-Level 2	Green roof	NA	22%	44%	NA	Green Roof (modeled)	33%	17%	0%	Flow modeled using WWHM3 Pro.
0%	Runoff reduction methods	FC#1- Level 3	Dispersion Bioretention (cell or planter without underdrains)	NA	54%	85%	NA	Dispersion (modeled) Bioret w/o underdrain	70%	35%	0%	Flow modeled using WWHM3 Pro.
0%	Infikration and reuse facilities	FC#1- Level 4	Permeable pavement facility (without underdrain)	NA	91%	58%	NA	(modeled) Professional Judgment	75%	37%	0%	Flow modeled using WWHM3 Pro.
	Infikration and reuse facilities	FC#1- Level 5	Rainvater harvesting	NA	NA	NA	NA	Froressional Judgment	100%	50%	0%	Credit based on professional judgment.
Flow Control #3 (FC#3) - Pre-c	developed Forest 2-year to 50-year flow duration to forest co	ndition										
Basin types: Some creek basi		ananaon	Weighting=	15%	30%	30%	25%					
		Form Lawyed			1			1	299/	40%	0%/	Flow and water quality performance evaluated based on results for
0%	Impervious surface reduction methods	FC#3- Level 1	Green roof	0%	25%	47%	68%	Professional Judgment	38%	19%	0%	developed pasture and professional judgment.
0%	Traditional stormwater infrastructure (non-infibrating facilities)	FC#3- Level 2	Detention cistem Detention vau Detention pipe Detention pond (with impermeable [ner)	0%	0%	83%	98%	Professional Judgment	49%	25%	0%	How and water quality performance evaluated based on results for developed pasture and professional judgment.
0%	Traditional stormwater infrastructure (small-scale/distributed infiltrating facilities)	FC#3- Level 3	Infikration trench Dry well	100%	100%	100%	33%	Professional Judgment	83%	42%	0%	Flow and water quality performance evaluated based on results for developed pasture and professional judgment.
0%	Infitration and reuse facilities	FC#3- Level 4	Bioretention (cell or planter without underdrains) Permeable pavement facility (without underdrain)	100%	100%	100%	33%	Professional Judgment	83%	42%	0%	Flow and water quality performance evaluated based on results for developed pasture and professional judgment.
0%	Infigration and reuse facilities	FC#3- Level 5	Rainwater harvesting	NA	NA	NA	NA	Professional Judgment	100%	50%	0%	Credit based on professional judgment
Flow Control #4 (FC#4) - Pre-c Design Standard: Match half 2 Basin types: Some creek basi	2-year to 2-year flow duration to pasture c	ondition	Weighting=	15%	30%	45%	10%	1		1		1
0%	Impervious surface reduction methods	FC#4- Level 1	Green roof	0%	22%	44%	65%	Green Roof (modeled)	33%	17%	0%	Flow modeled using WWHM3 Pro. Water quality performance estimated based on professional judgment.
0%	Traditional stormwater infrastructure (non-infiltrating facilities)	FC#4- Level 2	Detention cistern Detention vaut Detention ppipe Detention pond (with impermeable [ner)	0%	0%	80%	95%	Vault (modeled)	46%	23%	0%	Sized using SPU Vault spreadsheet. Flow control modeled using WWHM3 Pro. Water quality performance based on professional judgment.
0%	Traditional stormwater infrastructure (small-scale/distributed infiltrating facilities)	FC#4- Level 3	Infiltration trench Dry well	98%	98%	99%	30%	Infiltration Trench (modeled)	92%	46%	0%	Flow modeled using WWHM3 Pro. Water quality performance bas on volume reduction (% infiltration)
0%	Infitration and reuse facilities	FC#4- Level 4	Bioretention (cell or planter without underdrains) Permeable payement facility (without underdrain)	98%	98%	99%	30%	Infiltration Trench (modeled)	92%	46%	0%	Flow modeled using WWHM3 Pro. Water quality performance bas on volume reduction (% infitration).
												Credit based on professional judgment.
	Infitration and reuse facilities	FC#4- Level 5	Rainwater harvesting	NA	NA	NA	NA	Professional Judgment	100%	50%	0%	orean babea en professional jauginent.
low Control #5 (FC#5) - Peak	Flow Control	FC#4- Level 5		NA	NA	NA	NA	Professional Judgment	100%	50%	0%	erear added on protestonal Judgment.
low Control #5 (FC#5) – Peak Design Standard: 2- and 25-ye	Flow Control	•		NA 0%	NA 25%	NA 40%	NA 35%	Professional Judgment	100%	50%	0%	Lander processing lengueur
Flow Control #5 (FC#5) - Peak Design Standard: 2- and 25-ye Basin types: Public combined	Flow Control ear peak control	•	Rainvater harvesting Weighting= Detention cistern Detention vaut Detention pipe					Professional Judgment Vault (modeled)	41%	21%	0%	
Flow Control #5 (FC#5) - Peak Design Standard: 2- and 25-ye Basin types: Public combined 0%	Flow Control Bar peak control 5 sewer, capacity-constrained, small lakes Traditional stormwater infrastructure (non-inifikrating facilities)	FC#5- Level 1	Rainveter harvesting Weighting= Detention cistern Detention pipe Detention poof (with impermeable Iner)	<b>0%</b> NA	<b>25%</b> 0%	<b>40%</b> 48%	35% 63%	Professional Judgment Vault (modeled)	41%	21%	0%	Sized using SPU Vault spreadsheet. Flow modeled using WWHM. Pro.
ilow Control #5 (FC#5) - Peak Design Standard: 2- and 25-ye Basin types: Public combined 0% 0%	Flow Control ear peak control I sewer, capacity-constrained, small lakes Traditional stormwater infrastructure		Rainveter harvesting Weighting= Detention cistern Detention pipe Detention pond (vith impermeable iner) Green roof Bioretention (cell or planter with underdrains)	0%	25%	40%	35%	Professional Judgment Vault (modeled) Green Roof (modeled) Bioret w underdrain				
Iow Control #5 (FC#5) - Peak Design Standard: 2- and 25-ys Basin types: Public combined 0% 0%	Flow Control Bar peak control Sewer, capacity-constrained, small lakes Traditional stormwater infrastructure (non-inifikrating facilities) Impervous surface reduction methods Non-infifirating facilities Traditional Stormwater infrastructure	FC#5- Level 1 FC#5- Level 2	Rainveter harvesting Weighting= Detention cistern Detention pipe Detention pond (with impermeable iner) Green roof Bioretention pond (with underdrains) Permeable pavement facility (with underdrains) Permeable pavement facility (with underdrains)	0% NA NA	25% 0% 22%	<b>40%</b> 48% 44%	<b>35%</b> 63% 65%	Professional Judgment Vault (modeled) Green Roof (modeled) Bioret W underdrain (modeled) Infiltration Trench	41% 46%	21%	0%	Sized using SPU Vault spreadsheet. Flow modeled using WWHM Pro. Flow modeled using WWHMS Pro.
Iow Control #5 (FC#5) - Peak Design Standard: 2- and 25-ys Basin types: Public combined 0% 0% 0%	Flow Control ear peak control sewer, capacity-constrained, small lakes Traditional stormwater infrastructure (non-inifikrating facilities) Imperviews surface reduction methods Non-inifikrating facilities	FC#5- Level 1 FC#5- Level 2 FC#5- Level 3 FC#5- Level 4	Rainveter harvesting Weighting= Detention cistem Detention vau Detention pipe Detention pool (vith impermeable iner) Green roof Bioretention coeld (vith underdrains) Permeable pavement facility (vith underdrain) Infiltration tench Dry well Bioretentino (cell or planter without underdrains)	0% NA NA NA	25% 0% 22% 0% 98%	40% 48% 44% 75% 100%	35% 63% 65% 80% 64%	Professional Judgment Vauit (modeled) Green Roof (modeled) Bioret W Underdrain (modeled) Infiltration Trench (modeled)	41% 46% 58% 87%	21% 23% 29% 44%	0% 0% 0%	Sized using SPU Vault spreadsheet. Flow modeled using WWHM3 Pro. Flow modeled using WWHM3 Pro. Flow modeled using WWHM3 Pro. Flow modeled using WWHM3 Pro.
Ow Control #5 (FC#5) - Peak           Jesign Standard: 2- and 25-ys           Basin types: Public combined           0%	Flow Control ear peak control sewer, capacity-constrained, small lakes Traditional stormwater infrastructure (non-influrating facilities) Impervious surface reduction methods Non-influrating facilities Traditional stormwater infrastructure (smalk-scale/distructure) Influration and reuse facilities	FC#5- Level 1 FC#5- Level 2 FC#5- Level 3 FC#5- Level 4 FC#5- Level 5	Rainvater harvesting Weightings Detention cistern Detention you Detention ppie Detention ppie Detention ppie Green roof Bioretention (cell or planter with underdraine) Permeable parement facility (vieth underdraine) Mitifration trench Dry well Bioretention (cell or planter without underdrains) Permeable parement facility (viethout underdrain)	0% NA NA NA NA	25% 0% 22% 0% 98%	40% 48% 44% 75% 100% 100%	35% 63% 65% 80% 64% 64%	Professional Judgment Vauit (modeled) Green Roof (modeled) Bioret W underdram (modeled) Infitration Trench (modeled)	41% 46% 58% 87% 87%	21% 23% 29% 44% 44%	0% 0% 0% 0%	Sized using SPU Vault spreadsheet. Flow modeled using WWHMS Pro. Flow modeled using WWHMS Pro. Flow modeled using WWHMS Pro. Flow modeled using WWHMS Pro. Flow modeled using WWHMS Pro.
Iow Control #5 (FC#5) - Peak lesign Standard: 2- and 25-ye aasin types: Public combined 0% 0% 0% 0% 0% 0%	Flow Control Bar peak control Sewer, capacity-constrained, small lakes Traditional stormwater infrastructure (non-infiltrating facilities) Impervious surface reduction methods Non-infiltrating facilities Traditional stormwater infrastructure (cmail-capie/distributed infiltrating facilities) Infiltration and reuse facilities Infiltration and reuse facilities	FC#5-Level 1 FC#5-Level 2 FC#5-Level 3 FC#5-Level 4 FC#5-Level 5 FC#5-Level 6	Rainveter harvesting Weighting= Detention cistem Detention vau Detention pipe Detention pool (vith impermeable iner) Green roof Bioretention coeld (vith underdrains) Permeable pavement facility (vith underdrain) Infiltration tench Dry well Bioretentino (cell or planter without underdrains)	0% NA NA NA	25% 0% 22% 0% 98%	40% 48% 44% 75% 100%	35% 63% 65% 80% 64%	Professional Judgment Vauit (modeled) Green Roof (modeled) Bioret W Underdrain (modeled) Infiltration Trench (modeled)	41% 46% 58% 87%	21% 23% 29% 44%	0% 0% 0%	Sized using SPU Vault spreadsheet. Flow modeled using WWHMS Pro. Flow modeled using WWHMS Pro. Flow modeled using WWHMS Pro. Flow modeled using WWHMS Pro.
Iow Control #5 (FC#5) - Peak lesign Standard: 2- and 25-ys lasin types: Public combined 0% 0% 0% 0% 0% 0% 0% 0% 0%	Flow Control ear peak control sewer, capacity-constrained, small lakes Traditional stormwater infrastructure (non-influrating facilities) Impervious surface reduction methods Non-influrating facilities Traditional stormwater infrastructure (smalk-scale/distructure) Influration and reuse facilities	FC#5-Level 1 FC#5-Level 2 FC#5-Level 3 FC#5-Level 4 FC#5-Level 5 FC#5-Level 6	Rainvater harvesting Weightings Detention cistern Detention you Detention ppie Detention ppie Detention ppie Green roof Bioretention (cell or planter with underdraine) Permeable parement facility (vieth underdraine) Mitifration trench Dry well Bioretention (cell or planter without underdrains) Permeable parement facility (viethout underdrain)	0% NA NA NA NA	25% 0% 22% 0% 98%	40% 48% 44% 75% 100% 100%	35% 63% 65% 80% 64% 64%	Professional Judgment Vauit (modeled) Green Roof (modeled) Bioret W underdram (modeled) Infitration Trench (modeled)	41% 46% 58% 87% 87%	21% 23% 29% 44% 44%	0% 0% 0% 0%	Sized using SPU Vault spreadsheet. Flow modeled using WWHM3 Pro. Flow modeled using WWHM3 Pro. Flow modeled using WWHM3 Pro. Flow modeled using WWHM3 Pro. Flow modeled using WWHM3 Pro.

#### 2009 Stormwater Facility Credit Program (SFCP) Credit Calculator: For Facilities Built According to 2009 Seattle Code Requirements

Version: 10-24-16; Revised 1/1/2025				
Final Parcel Credit Calculation	Drainage Rate Category	% Impervious or Parcel Area	Drainage Rate Tier	Drainage Rate Tier Multiplier (see note 5)
Total Adjusted Facility Credit 0%	General Service/Large Residential Undeveloped	0-10%	G1	21%
Rate Tier Multiplier (3) #N/A	Very Light	11-20%	G2	49%
Final Parcel Credit (4) #N/A	Light	21-35%	G3	69%
	Moderate	36-50%	G4	82%
Notes:	Heavy	51-64%	G5	89%
1) The facility credit is the scaled weighted average of the percent reductions by performance target.	Very Heavy	65-84%	G6	95%
2) The adjusted facility credit is the facility credit multiplied by the percentage of total impervious area managed by the applicable facility.	Impervious	85-100%	G7	99%
3) The rate tier multiplier is the percentage of the customer's bill attributable to impervious area runoff. Credit is only offered for runoff managed which originates on	Small Residential	Under 2,000 sq ft	R1	95%
impervious surface.		2,000-3,499 sq ft	R2	89%
4) The final parcel credit is the rate tier multiplier multiplied by the sum of a property's adjusted facility credits (i.e., the "total adjusted facility credit"). The final parcel		3,500-4,499 sq ft	R3	87%
credit is capped at 50%. The final parcel credit is the credit percentage applied to the customer bill.		4,500-5,499 sq ft	R4	85%
5) For the water quality treatment PGIS/impervious area, enter PGIS as a percent of the total impervious area.		5,500-6,499 sq ft	R5	83%
6) Where flow control is provided, it is estimated that 75% of the total impervious surface is managed. This is based upon past business inspections.		6,500-9,999 sq ft	R6	80%
7) Fractional credits are not offered - note that no credit will be offered for credits that are calculated to round to less than 1%.	Color Kev:			
8) FC1 applies to all parcels. Possible basin combinations include:				
WQ only WQ and FC3 FC3 and FC5	20% Ranges for customer/applicant data entry regarding Rate Tier and % impervious	or PGIS area mana	ged.	
FC1 only WQ and FC4 FC4 and FC5				
FC3 only WQ and FC5	65% Maximum goal-based credit percentage for impervious area served by each BM	P Classification.		
FC4 only WQ and FC3 and FC5				
FC5 only WQ and FC4 and FC5	10% Credit contributions by BMP Classification, for applying facility's BMPs of imper	rvious area.		
9) Flow Control 2 (FC2) - Wetland Protection requirements may also apply. A separate credit will be calculated outside of this calculator if necessary.				
10) A separate credit will be calculated for infitration basins (or other traditional stormwater infrastructure) outside of this calculator if necessary	Mult Lookup Table to convert impervious area impacts of facility to composite Rate C	Credit Percentage.		
11) Applicable standards will depend on project type, size, and drainage basin (see Vol III, Section 2.5.3)				
12) TSS is used as an indicator of water quality treatment; Volume is used as an indicator of volume reduction via infiltration or reuse,	15.0% Rate Credit percentage that will appear on and modify bills, reflecting applicant	facilities, their		
	sizes and the Rate Tier of the applying parcel.			

## 2000 Stormwater Facility Credit Program (SFCP) Credit Calculator: For Facilities Built According to 2000 and Previous Seattle Code Requirements Version: 10-24-16; Revised 1/1/2025

												Rate Tier (3):	
						Per	cent Reduction b	y Performance Ta	rget			Overall Max:	50%
% Site Impervious								2-yr Peak		Flow Credit		Facility Credit	Adjusted Facility
		Design Standard	BMP Classification	Facility	Properties	TSS	Volume	& Duration	25-yr Peak	Basis	Credit	(1)	Credit (2)
	PGIS Area / Total Impe	rviousness	•				•						
Ex: Typically not CS	0 basins	<b></b>	-	-	Weighting=	60%	40%	0%	0%	Media filter			
0%	Separated System	6-month, 24-hour storm	Water Quality - Level 1	media filter, oil water separator, wetvault wetponds, bioswales (basic, wet, and	no infi <b>l</b> tration	80%	0%	NA	NA	(evaluated)	48%	24%	0%
0%	Separated System	6-month, 24-hour storm	Water Quality - Level 2	continuous inflow), filter strips	some infiltration (storage)	80%	15%	NA	NA	Wetpond (modeled)	54%	27%	0%
0%	Separated System	6-month, 24-hour storm	Water Quality - Level 3	sand filter, bioretention or pervious pavement without underdrain, bioretention with underdrain	relies entirely on infiltration	95%	98%	NA	NA	Bioret w/o underdrain (modeled)	96%	48%	0%
	(Public Combined Sev	ver/Capacity Constrained Basin) and/or ditching			Weighting=	0%	25%	40%	35%				
0%	Sewer/Capacity Constrained Basins	2- and 25-year peak control	Detention - Level 1	vegetated roof (min. 4" soil depth)	no infiltration (some soil storage and evapotranspiration)	NA	30%	25%	20%	Professional Judgment	25%	13%	0%
0%	Public Combined Sewer/Capacity Constrained Basins	2- and 25-year peak control	Detention - Level 2	cistern, vault, detention pipe or surface detention with impermeable liner	no infiltration	NA	0%	22%	63%	Vault (modeled)	31%	16%	0%
0%	Public Combined Sewer/Capacity Constrained Basins	2- and 25-year peak control	Detention - Level 3	surface detention	minimal infiltration (some soil storage and evapotranspiration)	NA	5%	22%	81%	Pond (evaluated)	38%	19%	0%
0%	Public Combined Sewer/Capacity Constrained Basins	2- and 25-year peak control	Detention - Level 4	infiltration trench, bioretention (cell or planter), or pervious pavement facility all with underdrain	some infi <b>l</b> tration (storage)	NA	24%	79%	81%	Professional Judgment	66%	33%	0%
0%	Public Combined Sewer/Capacity Constrained Basins	2- and 25-year peak control	Detention - Level 5	infiltration trench, dry well, bioretention (cell or planter), or pervious pavement facility all without underdrain	relies entirely on infiltration	NA	98%	99%	81%	Infiltration Trench (modeled)	92%	46%	0%
	(Flow Critical Receivin	ng Water Basin)					•	•					
Ex: Creeks and smal	ll lakes	<b></b>	-		Weighting= no infiltration (some sol	15%	10%	35%	40%			1	
0%	Flow Critical Receiving Water Basin	2-, 25- and 100-year peak control	Detention+100yr - Level 1	vegetated roof (min. 4" soil depth)	storage and evapotranspiration)	0%	30%	25%	20%	Professional Judgement	20%	10%	0%
0%	Flow Critical Receiving Water Basin	2-, 25- and 100-year peak control	Detention+100yr - Level 2	cistern, vault, detention pipe or surface detention with impermeable liner	no infiltration	0%	0%	25%	76%	Vault (modeled)	39%	20%	0%
0%	Flow Critical Receiving Water Basin	2-, 25- and 100-year peak control	Detention+100yr - Level 3	surface detention	minimal infiltration (some soil storage and evapotranspiration)	8%	6%	25%	81%	Pond (modeled)	43%	22%	0%
0%	Flow Critical Receiving Water Basin	2-, 25- and 100-year peak control	Detention+100yr - Level 4	infiltration trench, bioretention (cell or planter), or pervious pavement facility all with underdrain	some infi <b>t</b> ration (storage)	98%	29%	99%	81%	Professional Judgment	85%	43%	0%
0%	Flow Critical Receiving Water Basin	2-, 25- and 100-year peak control	Detention+100yr - Level 5	infiltration trench, dry well, bioretention (cell or planter), or pervious pavement facility all without underdrain	relies entirely on infiltration	98%	98%	99%	81%	Infiltration Trench (modeled)	92%	46%	0%
Rainwater Harvesting	g Credit - % of Roof Are	ea	•					•			_		
0%	All	Rainwater use - for Commercial Properties	NA	Tank with reuse	- 1	NA	NA	NA	NA			10%	0%
	-	-					-	•		Total Adjusted Facilit	y Credit	-	0%

#### 2000 Stormwater Facility Credit Program (SFCP) Credit Calculator: For Facilities Built According to 2000 and Previous Seattle Code Requirements

Version: 10-24-16; Revised 1/1/2025

Final Parcel Credit Calculation	
Total Adjusted Facility Credit	0%
Rate Tier Multiplier (3)	0%
Final Parcel Credit (4)	0%

Notes: 1) The facility credit is the scaled weighted average of the percent reductions by performance target.

2) The adjusted facility credit is the facility credit multiplied by the percentage of total impervious area managed by the applicable facility.

3) The rate tier multiplier is the percentage of the customer's bill attributable to impervious area run-off. Credit is only offered for run-off managed which originates on impervious surface.

4) The Final Parcel Credit is the rate tier multiplier multiplied by the sum of a property's adjusted facility credits (i.e., the "total adjusted facility credit"). The Final Parcel Credit is capped at 50%. The Final Parcel Credit is the credit percentage applied to the customer bill.

Drainage Rate Category		% Impervious or Parcel Area
General Service/Large Residential	Undeveloped	0-10%
	Very Light	11-20%
	Light	21-35%
	Moderate	36 <b>-</b> 50%
	Heavy	51 <b>-</b> 64%
	Very Heavy	65-84%
	Impervious	85-100%
Small Residential		Under 2,000 sq ft
		2,000-3,499 sq ft
		3,500 <b>-</b> 4,499 sq ft
		4,500-5,499 sq ft
		5,500 <b>-</b> 6,499 sq ft
		6,500-9,999 sq ft

Drainage Rate Tier	Drainage Rate Tier Multiplier (see note 3)
G1	21%
G2	49%
G3	69%
G4	82%
G5	89%
G6	95%
G7	99%
R1	95%
R2	89%
R3	87%
R4	85%
R5	83%
R6	80%