



**City of Ithaca
Stormwater User Fee
Revision/Credit Application**



INSTRUCTIONS

This form is to be used to request revisions to the Stormwater Utility User Fee (PART 1), or to request a credit for stormwater quality or quantity mitigation measures (PARTS 1 and 2). The one-time application fee for PART 1 is \$50. The one-time application fee for PART 2 is \$200 plus 10% of the Calculated User Fee Credit. Completed forms may be submitted to the Superintendent of Public Works. Residential properties categorized by the County Assessor as 1-, 2-, or 3-family homes may not apply for credits, and will not be able to reduce their Stormwater User Fee by applying for revisions unless those revisions reduce the property's impervious surface area to less than 1/4 ERU (575 sf).

PROPERTY INFORMATION

Property Address	<input type="text"/>	Tax Parcel	<input type="text"/>
Owner	<input type="text"/>	Additional Parcels	<input type="text"/>
Owner Address	<input type="text"/>	Additional Parcels	<input type="text"/>
	<input type="text"/>		
City, State, ZIP	<input type="text"/>	Phone	<input type="text"/>

PART 1 -- USER FEE

The User Fee is based on the amount of impervious surface area on a parcel. Impervious surfaces include rooftops, concrete or asphalt paving, compacted gravel, or other surfaces identified in the Stormwater Utility Law. The total impervious area (in square feet) is converted into Equivalent Residential Units (ERUs) rounded up to the nearest 0.25 ERU, and each ERU is charged an annual Stormwater User Fee. One ERU is equal to the average impervious surface area of 1, 2, and 3 unit residential properties within the City of Ithaca.

$$1 \text{ ERU} = 2,300 \text{ sf}$$

$$\text{Annual Fee per ERU} = \$ 48.00$$

Example: The total impervious area of a commercial property (rooftops, paved areas, patios, etc.) is 62,860 sf.

The number of ERUs is: $62,860 \div 2,300 = 27.33 \text{ ERUs} \Rightarrow 27.50 \text{ ERUs}$

The Annual User Fee is: $27.50 \times \$48.00 = \$1,320.00$

The current User Fee for the property listed above is based on the impervious surface area shown on the City of Ithaca GIS system. **If the applicant wishes to revise the User Fee, please attach drawings indicating the revised calculation.** Requests for revisions will be field verified by the Department of Public Works.

Current User Fee		Revised User Fee (if Requested)	
Total Impervious Area	<input type="text"/>	Requested Impervious Area	<input type="text"/>
ERU Conversion Factor	2,300	ERU Conversion Factor	2,300
Number of ERUs	0.00	Revised Number of ERUs	0.00
Annual Fee per ERU	\$ 48.00	Annual Fee per ERU	\$ 48.00
Annual User Fee	\$ -	Requested Annual User Fee	\$ -
		DPW Approved User Fee	<input type="text"/>

DPW Reviewer Comments

Reviewed By: _____

Date: _____



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PROPERTY INFORMATION

Property Address

Tax Parcel

PART 2 -- STORMWATER USER FEE CREDIT

The Stormwater User Fee Credit is calculated from the formula:

$$\text{Annual Credit} = [\text{User Fee}] \times [\text{Credit Rate}] \times [\% \text{ of Impervious Area Treated}] \times [\text{Treatment Efficiency}]$$

Provide one User Fee Credit Application for each mitigation measure proposed. Mitigation measures are subject to random inspection, and credits may be reduced or revoked if the mitigation measure is not maintained.

Part 2A -- User Fee

DPW Approved User Fee (from PART 1): \$

Part 2B -- Credit Rate

The maximum credit rate for mitigation measures that address stormwater quality or quantity is 10% each, for a maximum credit rate of 20% for a mitigation measure that addresses both quality and quantity.

Requested Credit Rate:

DPW Approved Credit Rate:

Part 2C -- % of Impervious Area Treated

This is calculated as the ratio of "treated" impervious area to total impervious area on a parcel. A "treated" impervious area means that the runoff from this area flows to and is treated for quantity and/or quality by the mitigation measure. **Please provide topographic or grading drawings showing the "treated" impervious area.**

Treated Impervious Area:

Requested % Treated:

Total Impervious Area:

DPW Approved % Treated:

Part 2D -- Treatment Efficiency

The Treatment Efficiency factor may be selected from the attached list of "Approved Stormwater User Fee Credits". **If the applicant proposes an alternative mitigation measure for credit consideration, please provide supporting calculations or documentation for evaluation.** Alternate mitigation measures must be reviewed and approved by the Board of Public Works.

Mitigation Measure:

Calculated Efficiency Rate:

DPW Approved Efficiency Rate:

CALCULATED USER FEE CREDIT

Requested Credit:

DPW Approved Credit: \$

DPW Reviewer Comments



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LIST OF APPROVED STORMWATER USER FEE CREDITS

Approved Mitigation Measures ¹	Reference Section ²	Quality ³		Quantity ⁴	
		Design Criteria	Treatment Efficiency Credit	Design Criteria	Treatment Efficiency Credit
Stormwater Quality⁵					
Rain Garden	5.3.7	WQ _v	100%	N/A	<i>Note 5</i>
Green Roof	5.3.8	WQ _v	100%	N/A	<i>Note 5</i>
Stormwater Planter	5.3.9	WQ _v	100%	N/A	<i>Note 5</i>
Porous Pavement	5.3.11	WQ _v	100%	N/A	<i>Note 5</i>
Bioretention (F-5)	6.4	WQ _v	100%	N/A	<i>Note 5</i>
Stormwater Quantity⁶					
Stormwater Pond	6.1	WQ _v	<i>Note 6</i>	Q _p	100%
Stormwater Wetland	6.2	WQ _v	<i>Note 6</i>	Q _p	100%
Stormwater Infiltration	6.3	WQ _v	<i>Note 6</i>	Q _p	100%
Stormwater Filters	6.4	WQ _v	<i>Note 6</i>	Q _p	100%
Open Channel (O-1)	6.5	WQ _v	<i>Note 6</i>	Q _p	100%

Notes:

¹ Mitigation measures are reviewed and approved by the Board of Public Works. If the applicant is proposing a new mitigation measure, provide information to the Superintendent of Public Works for consideration.

² Reference Section is from the 2010 Stormwater Design Manual (SDM) prepared by the New York State Department of Environmental Conservation (NYSDEC) which can be downloaded in PDF format at:
<http://www.dec.ny.gov/chemical/29072.html>

³ Full Stormwater Quality credits will be granted if the mitigation measure is designed and constructed in accordance with the referenced section of the 2010 SDM for treatment of the Water Quality Volume (WQ_v) as defined in the manual.

⁴ Full Stormwater Quantity credits will be granted if the peak discharge from the 10-year, 24-hour storm (Q_p) is reduced to the pre-development peak discharge. Partial credit will be pro-rated based on the ratio of peak flow mitigated to the 10-year peak flow mitigation, up to 100%. For example, if the 10-year peak discharges from the pre- and post-developed site are 5 and 20 cfs respectively, the peak flow must be mitigated by 15 cfs to receive full credit. A mitigation structure that reduces the 10-year peak flow to 12 cfs would receive a credit of $(20-12)/(20-5) = 8/15 = 53\%$ credit.

⁵ Individual Stormwater Quality measures have minimal effect on stormwater quantity. However, if an applicant demonstrates that the combined effect of several stormwater quality mitigation measures results in reduced runoff, quantity credit will be granted as described in Note 4. A separate stormwater credit application will be required.

⁶ Stormwater Quality credits will be granted if the stormwater quantity measure also treats the water quality volume WQ_v per the SDM.