



City of Chattanooga Water Quality Credits

New Tree planting or Existing Tree Credit (up to 20%)

Requirements for New Tree planting or Existing Tree Credit:

- 1) Multi-family and non-residential site with 3 ERUs or more.
- 2) Existing Trees with a trunk located within 25 ft. of the measured impervious surface may be included in the credit calculation in order to achieve the 20% max credit. Credit will be given as the square footage equal to one half the measured canopy (ex. 1200 ft² measured canopy = 600 ft² towards credit) and **must be identified in the Tree Maintenance and Planting Plan and be maintained under the same requirements as new trees.**
- 3) In order to receive the full 20% credit you must achieve an estimated 25% site impervious area coverage using a 1,600 ft² canopy model (Class 1 Tree).

No. of New Planted Trees Required (for Max. Credit of 20%) = $[0.25 * (\text{Total ERUs} * 3,200)] / 1,600$

Example: 25 ERU site = 80,000 ft² of measured impervious area (25 ERU * 3200 ft²/ERU)
25% of 80,000 ft² = 20,000ft², therefore, you must plant enough trees that their full grown canopy will cover 20,000ft².

$20,000\text{ft}^2 / 1600\text{ft}^2$ (average canopy size for full grown tree) = 12.5~**13** trees need to be planted in order to receive the full 20% credit. Partial credits may be issued for planting fewer trees.

- 4) **New trees must be planted within 20ft of measured impervious surface.**
- 5) Trees must be at least 2" caliper at planting.
- 6) A mechanism for watering and tree care must be identified.
- 7) Trees are required to be City "approved trees" planted at approved times and at approved site locations. See the Water Quality Fee Tree Planting Credit Guide:
http://www.chattanooga.gov/Files/Water_Quality_Planting_Guide.pdf
- 8) **Trees that do not survive must be replanted as required.**
- 9) A contact person must be designated.
- 10) This can **NOT** be part of Stream Buffer Credit requirements, or for new construction, **must be above** the city landscape requirements.
- 11) No trees shall be located within the sight triangle as defined by the Chattanooga Zoning Ordinance. No trees can be planted within the road right-of-way or easements unless approved by the City.
- 12) **Class II trees** may be planted **in cases** where all locations for Class I trees are exhausted. In this case twice as many Class II trees will be required in order to qualify for credit.
- 13) Annual Renewal of Tree Credits requires the submittal of an Annual Tree Maintenance Report by June 30th of the Tax Year.

Required Documents:

* Completed **BMP (Permanent Stormwater Control Structures) Credit Application Form:**

http://www.chattanooga.gov/Files/FormB_BMPCreditApplicationForm.pdf

* **Include Tree Maintenance and Planting Plan, see example:**

http://www.chattanooga.gov/Files/Tree_planting_plan.pdf

DISCLAIMER:

* It is the responsibility of the User to apply for fee credits and to provide the necessary substantiating information with the credit application.

* The City shall not be responsible for initiating applications, performing engineering calculations, or otherwise providing technical information with the preparation of credit applications.

* Credit can be revoked or reduced at any time that it is determined by the City that the property stormwater plans, stormwater control structures, or other BMPs are not performing to the credit standard, that the qualified control structures are not being maintained to function as designed, or that the qualified control structures no longer meet the purpose of the credit.

* To receive credits, all properties must be in compliance with all city requirements and State of TN stormwater regulations.