

City of Chattanooga

ORDINANCE & REGULATIONS



Ordinance

- **Chapter 31 of the City Code**
 - **Adopts the Rainwater Management Guide (RMG)**
 - **Outlines the design review process**
 - **Defines applicability for permanent stormwater mgmt. (>5,000 s.f.)**
 - **Addresses hardships, mitigation, credits, incentives, etc...**
 - **Addresses peak flow rate and flood control**
 - **Addresses the Combined Sewer areas**
 - **Stream Buffers**
 - **A bunch of other stuff too.**

Ordinance

- Chapter 31 of the City Code

- <http://www.chattanooga.gov/public-works/44-public-works/989-resource-rain>

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Public Works

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City Engineering & Water Quality Program
Waste Resources

Resource Rain

resource: Rain
****NOW IN EFFECT!****

New policies, ordinances, and codes relating to rainwater management and water quality are in effect as of December 1, 2014. These changes serve to comply with the provisions of the NPDES MS4 Permit of the City of Chattanooga by providing stormwater management measures and methods designed to assist with the preservation and restoration of natural hydrologic regimes, minimizing CSO surcharges and improving the City's water quality.

This is a game changer – and these new regulations are promoting the use of green infrastructure as a means for community revitalization and establishing Chattanooga as a leader in sustainable water quality management. Essentially, new developments will have to capture and infiltrate more rain on site than ever before.

For developers, the Rain Management Guide (RMG) is linked below by section with forms and calculation sheets at the end. [Here is the basic process for getting the Land Development Permit \(LDP\)](#). The process flowchart is also posted below.

[Frequently Asked Questions](#)

The Permit NPDES Permit No. TNS068063

The Ordinance City Code, Chapter 31; Ordinance 12881, accepted November 25, 2014 (final is not published)

Recycle
Sewer Billing
Resource Rain
Garbage & Recycling Container Payments
Interactive Service Maps

Mission:
To preserve and enhance the quality of the physical environment and infrastructure through prompt, cost effective and courteous delivery of services which protect the health, safety and welfare of citizens.

Lee Norris, Administrator
Department of Public Works

1250 Market Street
Chattanooga TN 37402 ([map](#))
(423) 643-6000
WebPublicWorks@chattanooga.gov

- ✓ MS4 Permit
- ✓ Inspection & Maintenance Agreements (2)
- ✓ Rainwater Management Guide
- ✓ Credits & Incentives
- ✓ Combined Sewer Calculator
- ✓ Stormwater Board Information

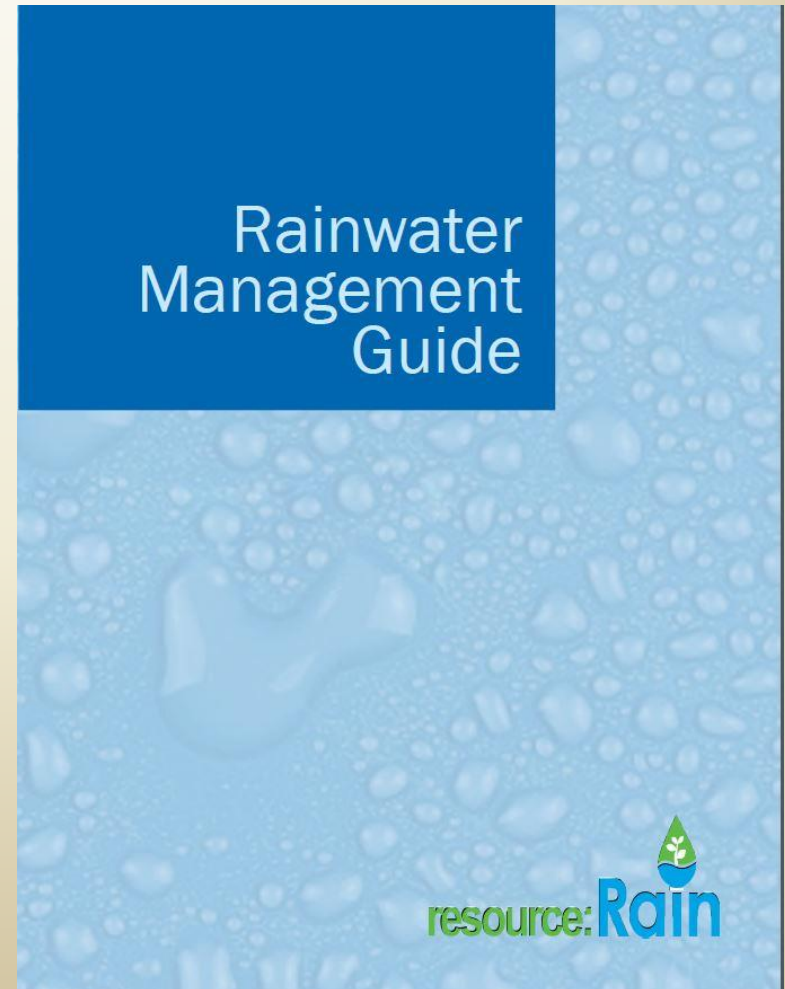
Ordinance

- **Chapter 31 of the City Code**
 - **Adopts the Rainwater Management Guide (RMG)**

Sec. 31-313. New
Development and
Redevelopment
Requirements

Permanent Best Management Practices
Manual

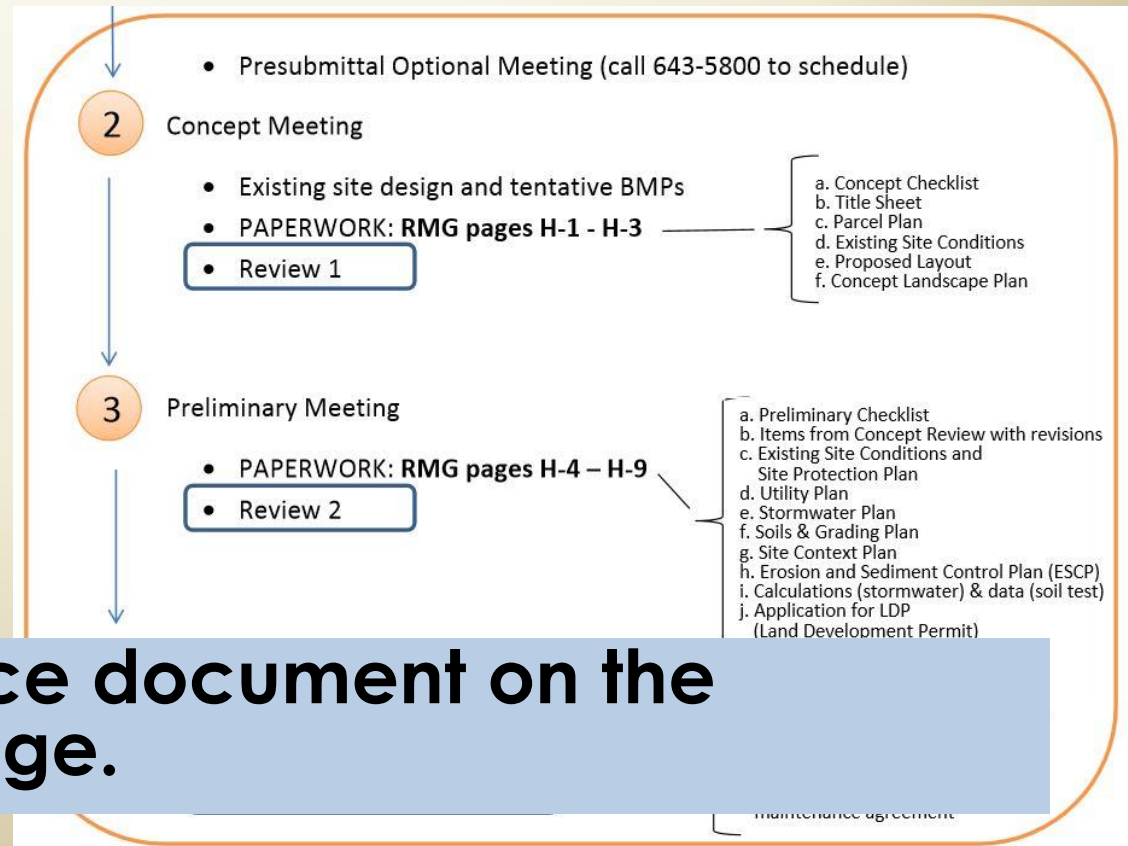
1. Adoption. The City adopts the following publications, which are incorporated by reference in this ordinance as if fully set out herein: The City of Chattanooga Rainwater Management Guide ("RMG") and Landscape requirements, most current editions.



Ordinance

- Chapter 31 of the City Code
 - Outlines the design review process

- Concept Phase Submittal
- Preliminary Phase Submittal
- Final Submittal



- There is also a guidance document on the Resource Rain web page.

Ordinance

- **Chapter 31 of the City Code**
 - **Defines applicability for permanent stormwater mgmt. (>5,000 s.f.)**

Note	Level of Disturbance	LDP	E&SC Plan	Small Site Control Method	Runoff Reduction Method	TN NPDES Permit
3	≥ 1,000 square feet to 4,999 square feet disturbed area	√	√			
1, 2, 3	≥ 5,000 square feet to 43,560 square feet (1.0 acre) disturbed area	√	√	√		
	≥1.0 acre disturbed, or less than 1 acre, but part of a larger plan of development	√	√		√	√

Legend:

- 1) Simplified method must have peak rate attenuation for new development
- 2) Provided it is not part of a larger development
- 3) Combined sewer overflow (CSO) area must have peak rate attenuation for all additional impervious area as well as additional fixtures in buildings
- 4) LDP – City of Chattanooga Land Disturbing Permit
- 5) E&SC – Erosion and Sediment Control
- 6) R – Redevelopment

N – New development

Ordinance

- **Chapter 31 of the City Code**
 - **Addresses hardships, mitigation, credits, incentives, etc...**

Section 31-313.5.F.

Whenever the SOV from an applicable project area cannot be managed or achieved onsite, per City requirements, the applicant/owner shall provide appropriate documentation to the City, using approved methodology and in acceptable detail, why the SOV cannot be managed. See definitions for "infeasibility" and "hardships."



Ordinance

- **Chapter 31 of the City Code**
 - **Addresses peak flow rate and flood control**

Applicable projects proposing land disturbances must implement measures as necessary to mitigate the post-development peak runoff rates to no greater than **pre-development** peak runoff rates for the **2-, 5-, 10-, and 25-year 24-hour storm events**.

On watercourses draining fifty **(50) acres**, the elevation of the 100-year flood shall be determined

Detention or retention ponds, and other BMP's used for peak rate control only, shall be designed in accordance with the current edition of the **Chattanooga Hamilton County BMP Manual and the RMG** requirements on peak attenuation.

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 - **Addresses the Combined Sewer areas**

CSS Full Fixture Method

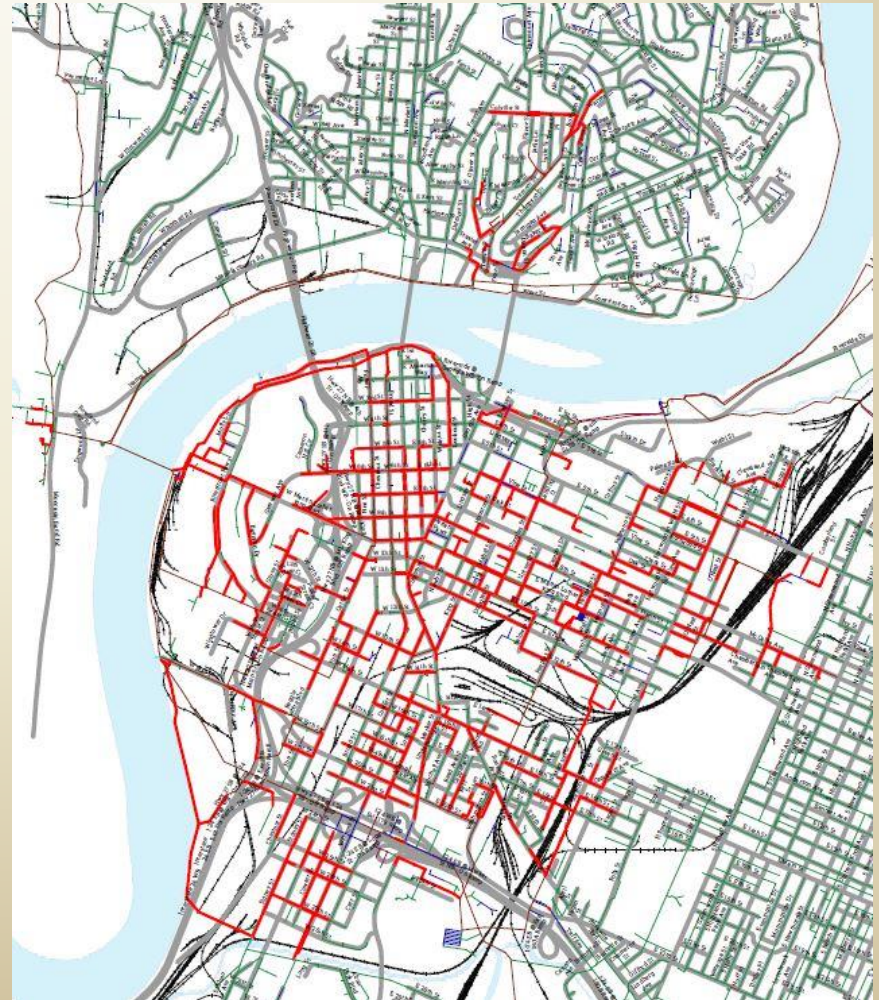
- Greater than 1 acre
- Increasing the impervious area

CSS Primary Method

- Voluntary Stay-On-Volume
- SOV greater than 0.5"
- Earn Fee Discounts and Coupons

CSS Simple Fixture Method

- 5,000 s.f. and greater
- No increase in impervious area



Ordinance

- **Chapter 31 of the City Code**
 - **Stream Buffers**

Sec. 31-323.2 Construction stream buffer zone requirements

Construction Buffers

- Vary depending on type of stream
- Not a primary Sediment/Erosion Control BMP
- Applies to all construction sites

Sec. 31-324.2 Water Quality Buffer

Water Quality Buffers

- Not a primary Water Quality BMP
- Restoration is allowed

Ordinance

- **Chapter 31 of the City Code**
 - **A bunch of other stuff too.**
 - **As-Built Drawings/Calcs**
 - **Grandfathering**
 - **Dewatering**
 - **Inspections**
 - **Channel protection**
 - **Filling & Grading**
 - **Timber Removal**
 - **Illicit discharges**
 - **Enforcement and abatement**
 - **Fees, Credits, & Mitigation**

Ordinance

Questions?

Thank You!