



This digital Flood Insurance Rate Map (FIRM) was produced through a unique cooperative partnership between Charlotte-Mecklenburg, the State of North Carolina, the Federal Emergency Management Agency (FEMA), and the U.S. Army Corps of Engineers. Charlotte-Mecklenburg Storm Water Services (CMSWS) has developed a long term approach of floodplain management to decrease the costs associated with flooding. This is demonstrated by CMSWS commitment to map floodplain areas at the local level. As a part of this effort, CMSWS has joined in a Cooperating Technical Community agreement with FEMA and a partnership with the NCEMPB to produce and maintain this digital FIRM.

www.ncfloodmaps.com
<http://stormwater.charmeck.org>

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To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles, Floodway

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 4.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures in this jurisdiction.

Base map information and geospatial data used to develop this FIRM were obtained from various organizations, including the participating local community(ies), state and federal agencies, and/or other sources. The primary base for this FIRM is planimetric base map information obtained from

floodways have been determined, users are encouraged to consult the Flood Profiles, Floodway Data, Limited Detailed Flood Hazard Data, and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

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Base map features shown on this map, such as **corporate limits**, are based on the most up-to-date data available at the time of publication. **Changes in the corporate limits may have occurred**

Boundaries of regulatory floodways shown on the FIRM for flooding sources studied by detailed methods were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data for flooding sources studied by detailed methods as well as **non-encroachment widths** for flooding sources studied by limited detailed methods are provided in the Flood Insurance Study (FIS) report for this jurisdiction. The FIS report also provides instructions for determining a floodway using non-encroachment widths for flooding sources studied by limited detailed methods.

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This map reflects more detailed and up-to-date **stream channel configurations** than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study report (which includes the information on this map) may indicate some minor differences.

contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels, community map repository addresses, and a **Listing of Communities** table containing National Flood Insurance Program dates for each community as well as a listing of the

If you have **questions about this map**, or questions concerning the National Flood Insurance Program in general, please call **1 - 877 - FEMA MAP** (1-877-336-2627) or visit the FEMA website at

An accompanying Flood Insurance Study report, Letter of Map Revision (LOMR) or Letter of Map Amendment (LOMA) revising portions of this panel, and digital versions of this FIRM may be available. Visit the **North Carolina Floodplain Mapping Program** website at <http://www.ncfloodmaps.com>, or contact the **FEMA Map Information eXchange (FMIX)** at 1-877-FEMA MAP (1-877-336-2627) or its website at http://www.floodmaps.fema.gov/fhm/fmx_main.html for information on all related products associated with this FIRM.

For community map revision information, visit the **Flood Insurance Study** website at <http://www.fema.gov>.

To determine if flood insurance is required in your area, contact your local **Division of Emergency Management** or visit their websites:

NC Division of Emergency Management
(919) 715-8000
<http://www.nccrimecontrol.org>

MAP REPOSITORY

of Map Repositories on Map Index or visit <http://www.ncfloodmaps.com>.

MARCH 2, 2009

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL
- to change Base Flood Elevations and Special Flood Hazard Areas

FEBRUARY 19, 2014

FEBRUARY 19, 2014

EDDIN

CCC

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject

MAP REVISED MAP NUMBER
FEBRUARY 12, 2014 2710550400K

The image shows a vertical banner with the text "FEBRUARY 19, 2014 3710550400K" at the top. Below this, there are three logos: "Charlotte-Mecklenburg STORM WATER Services" with a wavy graphic, the "GREAT SEAL OF THE STATE OF NORTH CAROLINA" featuring a central figure and the state motto "QUI PRO DOMINA JUSTITIA SEQUITUR", and the "U.S. DEPARTMENT OF HOMELAND SECURITY" seal.