

## **CHAPTER 1**

### **DESIGN REVIEW AND APPROVAL**

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North Carolina Department of Environmental Quality (NCDEQ) delegated authority to Charlotte Water to permit all water distribution and transmission mains and sanitary sewer gravity collection extensions following Chapter 23 of Charlotte City Code.

Projects not under this delegated authority are required to be permitted by NCDEQ. Furthermore, Charlotte Water requires any designs and plans that will be sent to NCDEQ for permitting, to be reviewed and approved by Charlotte Water first prior to submittal to NCDEQ.

NCDEQ will continue issuing permits for public water systems such as subdivisions or business parks receiving their water supply from a source other than Charlotte Water. Such sources of supply include, but are not limited to, well or surface water or another utility provider. In addition, raw water mains, treatment devices or facilities, wells, pumping stations, and storage tanks will require permits through NCDEQ.

All connections to Charlotte Water's wastewater collections system requesting a new water service 1-1/2 inch or larger (or equivalent sewer flow) require a Capacity Assurance Program (CAP) approval. All development projects requiring an infrastructure permit also require a CAP approval. This CAP approval verifies capacity in the public wastewater system for new developments and redevelopments.

For details and updates, see the Charlotte Water website at:

<https://www.charlottenc.gov/water/Commercial-Development/Commercial-Customer-Services/Capacity-Assurance-Program>

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