

Charlotte Water Interbasin Transfer

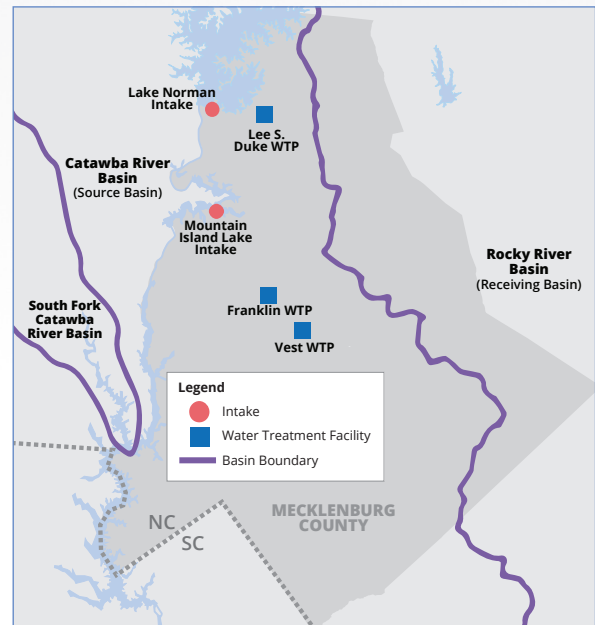
Charlotte Water is the largest public water and wastewater utility in North Carolina, serving more than one million customers in Charlotte and greater Mecklenburg County, including the towns of Cornelius, Davidson, Huntersville, Matthews, Mint Hill and Pineville.

The greater Charlotte region has seen high growth over the past decade that is expected to continue at a significant rate. Charlotte Water is committed to ensuring the community has a reliable water supply that maintains pace with development and meets future water demands while also advancing its conservation and drought management goals.

What is an interbasin transfer?

Public water systems get their water supply from a mix of surface and ground water sources, including river basins. An interbasin transfer (IBT) is a withdrawal, diversion or pumping of water from one source river basin to another river basin. The water from the source basin is treated and distributed to customers for everyday water usage, then collected and treated at wastewater treatment plants before portions are discharged to the receiving basin, resulting in the interbasin transfer.

- The actual transfer is the amount of water not returned to its source basin.
- IBTs that exceed 2 million gallons per day are regulated by the state.



Current IBT & modification request

Charlotte Water's current IBT certificate was issued in 2002 by the North Carolina Environmental Management Commission.

- The current IBT certificate allows the transfer of up to 33 million gallons per day (MGD) peak day from the Catawba River basin to the Rocky River basin and is projected to support Charlotte-area water demands through 2028.

Charlotte Water is requesting a modification to its current IBT certificate to increase the maximum limit.

- A modification is needed to approve additional IBT to meet the community's future water needs.
- Charlotte Water actively monitors water consumption trends, implements conservation efforts and seeks all options to ensure reliable water supply for decades to come.
- IBT modification is a multi-year, highly regulated process encouraging stakeholder participation and feedback. The process ensures that if approved, the modification will not be environmentally damaging to either source or receiving water basins.

Learn more at CharlotteWaterIBT.org.

Submit any comments or questions to IBTProject@charlottenc.gov.



Translation of this document is available by calling 311 or 704-336-7600.

La traducción de este documento está disponible llamando al 311 o al 704-336-7600.

Bản dịch của tài liệu này có sẵn bằng cách gọi 311 hoặc 704-336-7600.

La traduction de ce document est disponible en appelant le 311 ou le 704-336-7600.

如需本文件的翻译，请致电 311 或 704-336-7600。

ترجمة هذه الوثيقة متاحة عن طريق الاتصال بالرقم 311 أو 7600-336-704