

# McDowell Creek

## *Stream and floodplain restoration*

### **Project will improve water quality and habitat**

Look in McDowell Creek and you'll see the bottom is filling up with sediment. Those dirt particles were once part of the creek banks. But for decades, the banks have been eroded by fast-moving water. The sediment filters to the bottom of the creek, smothering aquatic life and threatening the food chain.

Storm Water Services plans to restore the stream from Birkdale to Gilead Road. Environmental engineers are now designing plans to repair the damage and restore the stream and its surrounding floodplain. When complete in 2015, this project will prevent 2,400 tons of sediment a year from washing into McDowell Creek. That's the weight of 400 adult elephants!

The main goal of this project is improved water quality, not flood reduction. Funding comes from the NC Clean Water Management Trust Fund and Charlotte-Mecklenburg Storm Water Services fees.



*Sediment is clogging the path and damaging the water quality of McDowell Creek in Huntersville*



*Close up photo of the sediment*



More at: [stormwater.charmeck.org](http://stormwater.charmeck.org)  
Check out **Storm Water Projects**, then **McDowell Creek Watershed**.

*Your Storm Water  
fees at work!*



700 North Tryon St.  
Charlotte, NC 28202

## HURRICANE SEASON IS HERE

Flooding is Charlotte's most  
common, most costly and  
deadliest natural disaster.

**Anywhere it rains, it can flood.**