



Built-Upon Area Materials

The following information is for use in determining built-upon area for compliance with water supply watershed and post-construction ordinance requirements in Charlotte-Mecklenburg. Please be aware that this information is not all inclusive. For additional information within the City of Charlotte, please contact your Stormwater review engineer (can be found through Charlotte Explorer). For Mecklenburg County and the Towns, please contact Water Quality staff at WQCompliance@MeckNC.gov.

Not Considered Built-Upon Area

- grass
- sand
- soil
- pine straw
- mulch
- wooden slatted decks
- water area of swimming pool
- surface water
- trees, bushes, plants, etc.
- A surface of number 57 stone, as designated by the American Society for Testing and Materials, laid at least four inches thick over a geotextile fabric.
- Artificial turf, manufactured to allow water to drain through the backing of the turf, and installed according to the manufacturer's specifications over a pervious surface.

Considered Built-Upon Area

- asphalt or concrete
- brick
- terrazzo
- roofing
- ceramic tile
- buildings
- recreation facilities (e.g., tennis courts)
- gravel (unless as outlined above)
- metal
- plastic
- rubber



Partially Impervious Surfaces

- Partially impervious surfaces are **NOT** considered BUA if they **DO NOT** have a primary function of carrying vehicle and/or foot traffic but are instead intended for controlling erosion, landscape beautification, etc. This typically includes riprap, landscape stones, river stones, etc.
- Permeable pavement system such as pervious asphalt or pervious pavers can be used to partially reduce BUA if installed and maintained in accordance with Section 4.5 of the Charlotte-Mecklenburg SCM Design Manual. Approval for this BUA credit must be obtained from the Stormwater Review Engineer during plan review for the City of Charlotte or from Rusty Rozelle for areas in Mecklenburg County not reviewed by the City of Charlotte. Please be aware that in the City of Charlotte permeable pavement systems are allowed to be privately maintained following approval, but in the Towns of Davidson, Cornelius, Huntersville, Matthews, Mint Hill, and Pineville, as well as unincorporate areas of Mecklenburg County, they must be maintained commercially or by a Homeowners Association (HOA).