



# STORMWATER ACTION CENTER FACT SHEET

## Name of Project:

North Carolina Museum of Art West Building Expansion

## Location:

Raleigh, North Carolina

## County:

Wake County

## Watershed:

Upper Neuse River Watershed

## Website:

[www.landscapeperformance.org/case-study-briefs/north-carolina-museum-art](http://www.landscapeperformance.org/case-study-briefs/north-carolina-museum-art)

## NORTH CAROLINA MUSEUM OF ART WEST BUILDING EXPANSION – RALEIGH, NORTH CAROLINA

### OVERVIEW:

The North Carolina Museum of Art (NCMA) in Raleigh offers world-class indoor galleries, site-specific commissioned artwork, and installations that explore the intersection of art and nature throughout the adjoining 164-acre Ann and Jim Goodnight Museum Park. In 2010, the NCMA completed a \$138-million renovation and expansion on 38 acres which included the new 127,000-sf West Building, 5 acres of sculpture gardens and courtyards, and an innovative stormwater park.




### BENEFITS:

- Reduces annual runoff by 84% or 2,663,872 gallons, equivalent to 4 Olympic-size swimming pools.
- Increases stormwater pollutant removal by 10-35 percentage points for total suspended solids, nitrogen, phosphorus, and ammonia.
- Eliminates the use of potable water in 3 reflecting pools using harvested roof rainwater runoff.
- Avoids 9,000 lbs of CO2 emissions, 460 gallons of fuel, and 190 man-hours annually by eliminating 11 acres of fescue lawn that required regular mowing.

### FUNDING SOURCES:

- state, county and Raleigh city funds



-  - Water Storage
-  - Habitat Restoration
-  - Bio-Filtration/Green Infrastructure
-  - New/Improved Drainage Infrastructure

