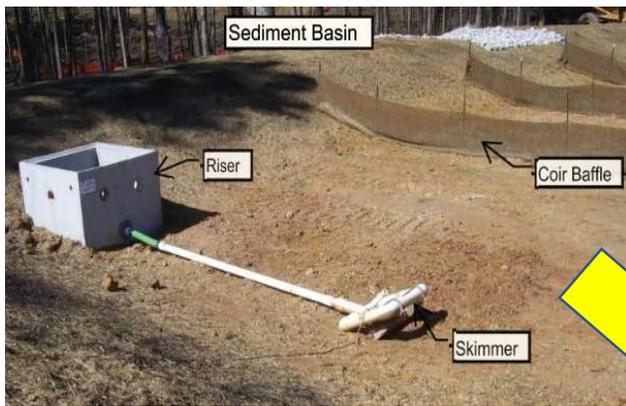


SCM Conversion Process



- One of the first measures installed in a development.
- Treats stormwater during active construction.
- Designed to slowly drain down water level.
- Temporary form.

- Usually started once homes are finished and watershed is stable.
- May be deeper or larger than sediment basin.
- Built per plans submitted at initial permitting.
- Based on NCDEQ design manual.
- Permanent treatment measure.



- Aquatic plants usually installed last.
- May be bonded depending on season.
- May take 2-3 years to mature.
- Promote pollinators and beneficial insects.
- Help with nutrient/pollutant removal.

- SCM surveyed once complete.
- Design engineer ensures calculations are correct and submits 'As-Builts' to Town staff.
- Town engineers verify information.
- Operations and maintenance agreements are signed and recorded as part of the as-built packet.

SCM As-Built Review

- Completed by WR Stormwater Engineering Staff

The image shows a 'Stormwater Control Measure (SCM) As-Built Supplement' form with project details and a signature. To the right are technical drawings of a stormwater control measure, including a plan view and a cross-section view, with various annotations and labels.



SCM Final Approval

- Completed by WR Stormwater Engineering Staff
- 1-Yr SCM Maintenance Guarantee Provided by Developer

The image shows a 'SCM Final Approval' form with a signature and a date. The form is on a dark blue background with white text.

- Staff verify SCM built per plan.
- Deficiencies noted on the field report.
- Repairs or revisions made.
- Approved after passing inspection.
- Developer responsible until approved.
- Town holds 1-yr maintenance guarantee (bond) provided by the developer.



- Annual inspections must be submitted to the town starting the year after approval.
- Maintenance bonds are released after a passing first year's inspection is received.
- They must include maintenance logs per the recorded O&M agreements.
- Must be completed by PE, LA, or LS.
- The property owner is responsible for ensuring the annual certification is submitted.
- Enforcement actions can be taken against the owner for SCMs that are out of compliance.

SCM Annual Inspection

UDO Section 6.1.12 Requirement; Completed by NC PE, LA, or LS.

The image shows an 'Annual Stormwater Control Measure (SCM) Inspection Report Cover Sheet'. It includes a header with the town logo and a section for 'General Information' with fields for project name, date, weather, and inspector details. The form is on a dark blue background with white text.