Unified Development Ordinance Amendment OA-01-19

Wake County Board of Commissioners October 21, 2019











Surface Waters Rules Review

- Article 9 Stormwater Management
- Article 10 Erosion & Sedimentation Control
- Update for legislative changes, provide clarity, improve effectiveness



Rules Review Committee

- Raleigh/Wake County Homebuilders Association
- Developers, Engineers, & Builders,
- Town of Fuquay-Varina
- Wake County Water Partnership
- Wake County Environmental Services
- Wake County Planning
- Wake County Facilities Design and Construction

Approach to Review

- Reviewed proposed language, input > revisions
- Article 10 reviewed by NCDEMLR
- Articles 9 & 10 reviewed by County Attorney
- Present to Water Partnership April 12, 2019

Formal Approval Process

Planning
Board Code &
Ops
Committee

June 2019



Board

Sept. 2019

Board of Commissioners

Oct. 2019
Public Hearing
Action



Article 9 **Stormwater Management**

Barney Blackburn, PE, CPESC, CPSWQ

Wake County – Environmental Services Watershed Management





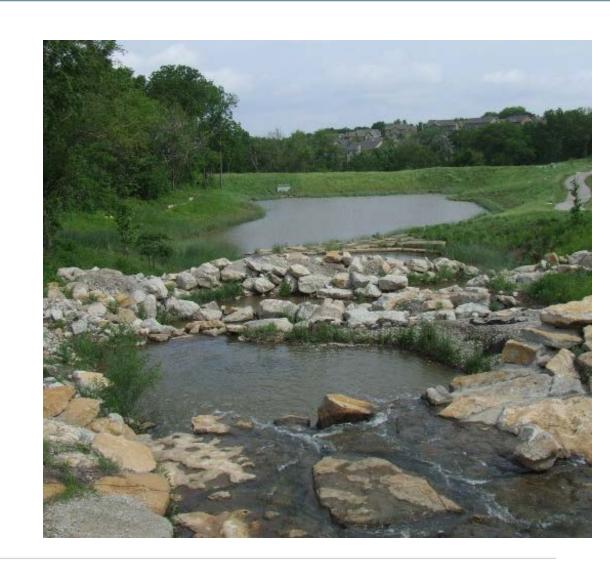






Stormwater Control Measures

- Location
- Easements
- Wastewater Setbacks

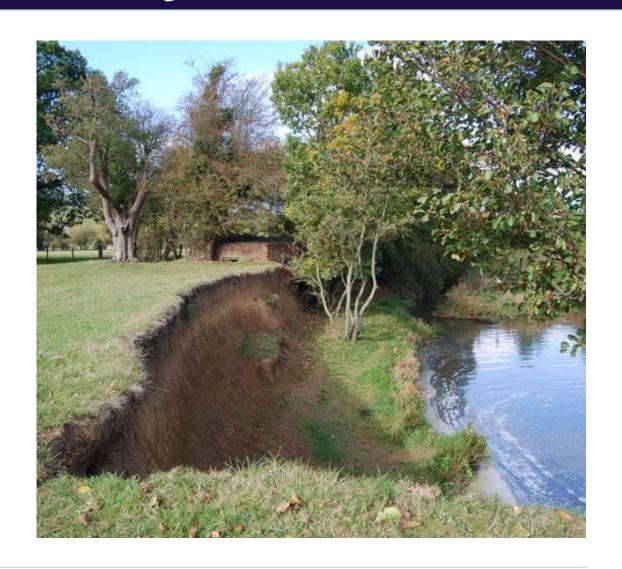


Summary of Revisions (continued)

- Downstream Impact Analysis
- As-built drawings
- Annual inspection and report requirements

Downstream Impact Analysis

- Development impacts downstream flooding and channel degradation
- Evaluate based on 10% rule
- Pre/Post-development Peak Runoff Rate for 10-year storm



Pre & Post Development

If Post-development Runoff Rate ≥ Pre-Development Runoff Rate, then:

- Incorporate additional natural and designed structure controls to achieve pre-development rate, or
- Obtain flow easement from downstream property owners

Illicit Discharges

Prohibits illicit discharges to:

- Stormwater Conveyances
- Waters of the State
- Land in manner to reach
 Stormwater Conveyances or
 Waters of State





Annual Inspection & Report

- Due to Wake County by June 30 of each year
- Information required for reports (responsible party, content, etc.)
- Report form provided by Wake County

Article 10 Erosion and Sedimentation Control

Melinda Clark, CFM, CZO, Watershed Manager Wake County – Environmental Services Watershed Management











Highlights of Proposed Changes

- Added definitions
- Clarified applicability
- Updated Agricultural Activities

Highlights of Proposed Changes

- Forestland Activities exemptions
- Updated agency names
- Added tables for ground stabilization requirements



Highlights of Proposed Changes

- Standards Falls Lake Watershed
- Extension of permits
- State remission of civil penalties

WAKE COUNTY

Public Hearing











Staff Finding and Recommendation

Finding: OA-01-19 supports the Board of Commissioners' goal to promote growth and sustainability throughout the County.

Recommendation:

That the Board of Commissioners:

- 1. Adopts the drafted statement of consistency with the Land Use Plan, reasonableness, and public interest.
- 2. Approves Ordinance Amendment OA-01-19.

Planning Board Recommends Approval

That the Board of Commissioners:

- 1. Adopts the drafted statement of consistency with the Land Use Plan, reasonableness, and public interest.
- 2. Approves Ordinance Amendment OA-01-19 as presented.

The Planning Board, at their August 7, 2019 meeting, voted unanimously to approved both motions.

WAKE COUNTY

Suggested Board of Commissions Motion

That the Board of Commissioners:

 Adopts the statement of consistency finding that Ordinance Amendment OA-01-19 is consistent with the Land Use Plan, Unified Development Ordinance, is reasonable, and in the public interest;

and by separate motion:

2. Approves the Ordinance Amendment OA-01-19, as presented.

WAKE COUNTY

Thank you.











