



STORMWATER REQUIREMENTS

On April 17, 2012 the Orange County Board of Commissioners, adopted changes to Section 6.14 Stormwater Management of the Orange County Unified Development Ordinance (UDO). The changes were required to meet the state mandated Falls Lake and Jordan Lake Stormwater Rules for New Development (15A NCAC 2B. 0277, 15A NCAC 2B. 0265, Session Law 2009-484).



Both Falls Lake and Jordan Lake are considered impaired due to excessive nutrient inputs. Stormwater runoff is one of the major nutrient sources. As a result, both lakes have been designated as Nutrient Sensitive Waters by the North Carolina Division of Water Resources.

Through a long stakeholder process, nutrient reduction strategies were developed for both lakes as well as all lands/ waters draining to them. To address nutrients from stormwater runoff, reductions will be required from both existing developed areas as well as new development.

Within the Jordan Lake Watershed, only water quantity is regulated. Within the Falls Lake Watershed, both water quantity and water quality are regulated. The North Carolina Stormwater Minimum Design Criteria (MDC), effective since January 1, 2017, and Stormwater Design Manual are excellent resources for meeting stormwater rules.

What's Required?

Stormwater requirements apply to all development projects that add impervious surface or "built upon area" within Orange County's planning jurisdiction. Existing development that adds impervious surface may also be subject to the stormwater standards.

Projects conducting land disturbance may be required to meet the current stormwater standards, which include:

- Submit a professionally prepared site plan/stormwater management plan and review fee.
- Treat/control runoff generated by 1-inch of rainfall.
- No increase in peak flow for the 1-year 24-hour storm.
- Meet the nutrient load contribution leaving the site (for Falls Lake Watershed).

Stormwater requirements apply to development projects since June 1, 2012.

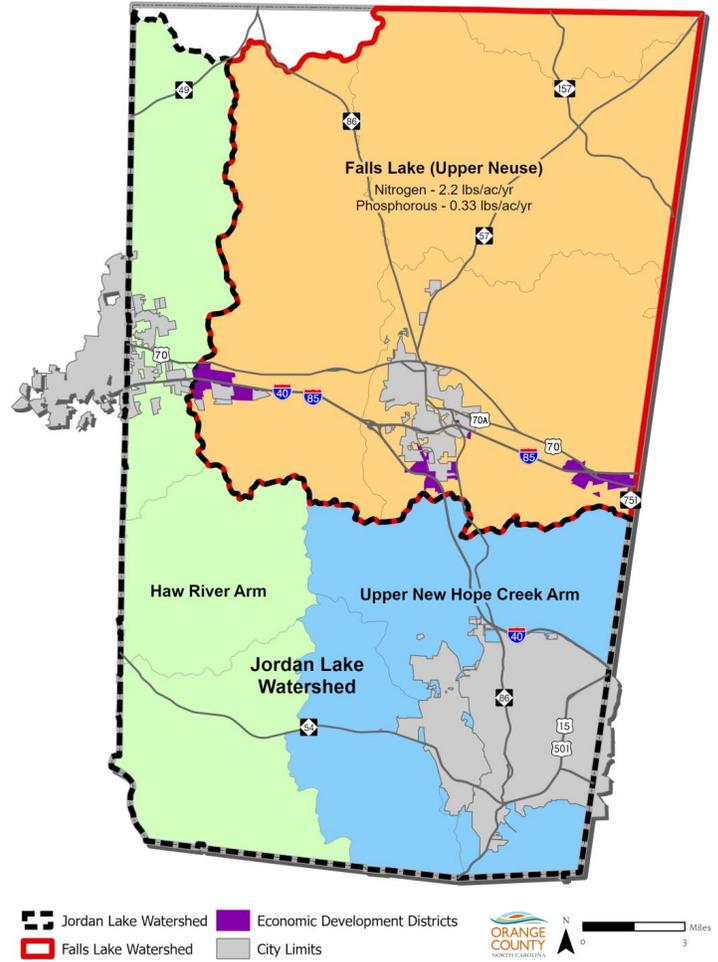


If you have questions or need to find more information, please contact:

Orange County Planning & Inspections - Erosion Control, Stormwater, and Engineering Division
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 919-245-2575
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Jordan Lake and Falls Lake Rules

State Required Nutrient Loading Rates for New Development



Land Disturbance Thresholds and Nutrient Loading Rates Orange County Unified Development Ordinance (UDO)

Watershed	Land Disturbance Applicability Thresholds		Sub-watershed	Loading Rate	
				Nitrogen	Phosphorous
Jordan Lake	Commercial	1/2 acre	N/A	N/A	N/A
	Industrial	1 acre		N/A	N/A
Falls Lake	Commercial	12,000 sq. ft.	Entire watershed	2.2	0.33
	Industrial	1/2 acre			