

**RESOLUTION ESTABLISHING PRAIRIE CREEK WATERSHED
POST-DEVELOPMENT STORMWATER RELEASE RATES**

WHEREAS, the Stormwater Management Ordinance of Boone County as established by Ordinance No. 2004-20 requires the storage and controlled release of excess stormwater runoff for all new business, commercial and industrial developments, residential subdivisions, planned developments, rural estate subdivisions, redevelopments, or other new construction located within Boone County; and

WHEREAS, Chapter 3 Section 2. A. i. of the Stormwater Management Ordinance of Boone County establishes post-development stormwater release rates of 0.5 cubic feet per second (cfs) per acre of development for the 100-year return period storm and 0.3 cfs per acre of development for the 10-year return period storm for development and redevelopment projects within Boone County and further establishes that these general release rates may be set at a lower value for certain watersheds if more detailed data becomes available as a result of comprehensive watershed studies conducted and/or formally approved and adopted by the Boone County Drainage Board; and

WHEREAS, on January 19, 2010 the Boone County Drainage Board received the Prairie Creek Watershed Floodplain Drainage Study conducted on its behalf and this study recommended that the established general stormwater release rates be revised so that the post-development stormwater release rate for the 100-year return period storm be 0.25 cfs per acre of development and the post-development stormwater release rate for the 10-year return period storm be 0.15 cfs per acre of development for all development and redevelopment projects within the Prairie Creek Watershed.

NOW, THEREFORE, BE IT RESOLVED, that in addition to complying with all other requirements of the Stormwater Management Ordinance of Boone County, any subdivider, property owner, developer or contractor, as a condition of approval of any new business, commercial and industrial developments, residential subdivisions, planned developments, rural estate subdivisions, redevelopments, or other new construction releasing stormwater runoff into the Prairie Creek Watershed shall comply with such further and more restrictive post-development stormwater release rates than those set forth in the Stormwater Management Ordinance of Boone County, which may include, without limitation thereby, the following:

A. For all development and redevelopment projects releasing stormwater runoff into the Prairie Creek Watershed, post-development stormwater release rates of 0.25 cubic feet per second (cfs) per acre of development for the 100-year return period storm and 0.15 cubic feet per second (cfs) per

acre of development for the 10-year return storm must be utilized. The Prairie Creek Watershed includes the watersheds of tributary streams Lucas Ditch, Sanitary Ditch, Isenhour Ditch, Mann Ditch, Small Reynolds Ditch, and Deer Creek and is fully described on Exhibit A attached hereto and by reference made a part hereof.

PASSED AND ADOPTED THIS 16 day of August, 2010.

BOONE COUNTY DRAINAGE BOARD

Byron E Loveless
Byron Loveless, President

Marc Applegate
Marc Applegate, Vice President

Charles Eaton
Charles Eaton, Member

Donald Lawson
Donald Lawson, Member

Jeff Wolfe
Jeff Wolfe, Member

ATTEST:

Kathy Clawson
Kathy Clawson, Secretary

Exhibit A
Boone County Release Rate Restriction Map
Prairie Creek Watershed
 August 2010

100-Year Post-Development Release Rate = 0.25 cfs/acre
 10-Year Post-Development Release Rate = 0.15 cfs/acre

