

AWPA 5600 Addendum #1

Detention facilities for peak flood control are required under the public works and stormwater treatment standards (8-633(a)(6)). A Developer Detention waiver (exemption) will be considered by the UG Engineer (APWA 5601.6 (2011)) in the following situations:

- 1) Developments not planned as part of a larger property conglomeration meeting any of the following conditions:
 - a) Development is ½ acre or less.
 - b) Redevelopment or addition to an improved site increasing impervious area by 6,000 square feet or less.
 - c) Previously undeveloped sites increasing impervious area by 12,000 square feet or less.

- 2) Developments with favorable hydraulics meeting all the following conditions:
 - a) The peak flow from the site contributes to the rising leg of the creek hydrograph. Demonstration that at least 60% of the creek's watershed area has a greater flow distance to the Kansas or Missouri River will be considered sufficient demonstration.
 - b) An engineering analysis demonstrates there is no flood or additional erosion hazard to properties between the development and the point of discharge to the named creek.

Watersheds and creek channels are shown on the watershed map available from the Engineering Division office. Receiving waters are the flood plain of the Missouri or Kansas rivers or the average water surface of the Wyandotte County Lake. Travel time for the creek shall be assumed to be 25 minutes per mile plus 20 minutes for overland flow.