



## AGENDA ITEM SUMMARY

### District Impacted

- ☐ 1 = Wolosin
- ☐ 2 = Woolard
- ☐ 3 = Scott
- ☐ 4 = Fowler
- ☐ 5 = Macaluso
- ☒ X All

<b>AGENDA DATE</b>	<i>September 10, 2019</i>
<b>DESCRIPTION</b>	DISCUSS ATLAS 14 RAINFALL STUDY AND EFFECT ON NEW DEVELOPMENT AND ISSUES RELATED TO UNIFIED DEVELOPMENT CODE.
<b>STAFF'S RECOMMENDED ACTION (be specific)</b>	No action at this time.
<b>CONTACT PERSON</b>	Mick McKamie, Interim City Attorney
<b>SUMMARY</b>	<p>There has been discussion recently regarding whether or not new development should be allowed to go forward with plan submissions and permitting in light of likely changes to the City's ordinances relating to stormwater runoff and water quality and quantity standards. This involves the inclusion of the Atlas 14 FEMA data that came out in September of last year, revisions to the City's existing low impact development (LID) and watershed protection ordinances, and the methodology used for stormwater detention and/or retention facilities.</p> <p>Council recently awarded a contract to Halff Associates (Troy Dorman) to examine the water quality and quantity aspects as it relates to LID, and detention/retention. The committee working on this project is expected to have its first meeting in the next couple of weeks.</p> <p>Atlas 14 is a study of rainfall frequency and intensity which was published by the National Oceanic and Atmospheric Administration (NOAA) in September 2018. This study included significant characteristic changes in the intensity of lower frequency (25-year to 100-year) but greater impact design storms for the Texas Hill Country. The percentage total 24-hour rainfall for the 2, 5, 10, 25, 50, and 100-year storms increased by 1.5, 0.2, 6.2, 16.5, 21.6 and 33.7 percent respectively. Some local jurisdictions have decided to update their stormwater management design standards accordingly.</p> <p>The City of Boerne in November of last year hired Maestas &amp; Associates to study the impacts of the Atlas 14 data and recommend changes to the City of Boerne's ordinances. The Atlas 14 technical document we received from Maestas is attached. Staff prepared a proposed update to the City's Subdivision Ordinance to make the</p>

	<p>applicable revisions. These revisions were put on hold pending completion of the comprehensive UDC amendments.</p> <p>Given the fact that there are no major developments on the horizon known to staff at this time, it seems prudent to allow time for the results of the Halff Associates' study without imposing any restrictions on new development submittals at this time. If desired, however, the City could begin moving forward with implementation of the Atlas 14 impacts as soon as the Council wishes to do so. There is also an Executive Session item similarly titled in the event that any questions arise regarding possible legal issues relating to potential action by the City.</p>
<b>COST</b>	N/A
<b>SOURCE OF FUNDS</b>	
<b>ADDITIONAL INFORMATION</b>	Maestas Study

This summary is not meant to be all inclusive. Supporting documentation is attached.