



City of San Antonio

Agenda Memorandum

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Agenda Item Number: 2

Agenda Date: August 21, 2023

In Control: Planning and Community Development Committee

DEPARTMENT: Office of the City Manager

DEPARTMENT HEAD: Erik Walsh, City Manager

COUNCIL DISTRICTS IMPACTED: Citywide

SUBJECT:

Updated Floodplain Maps

SUMMARY:

This item is a briefing by the San Antonio River Authority regarding the updated floodplain maps.

BACKGROUND INFORMATION:

The San Antonio River Authority (River Authority) has interlocal agreements with Bexar County, City of San Antonio, and 19 suburban cities within Bexar County to maintain the floodplain maps for their jurisdictions. The River Authority is also a Cooperating Technical Partner with the Federal Emergency Management Agency (FEMA). Through this partnership, FEMA recognizes the River Authority's floodplain mapping role, performed on behalf of the local communities.

ISSUE:

There is new rainfall, land use, and topography data that affects all of Bexar County. The last study of the floodplains in Bexar County used terrain and land use data from around 2004 and rainfall estimates based on data from the 1960's. Since that time enough information and data has been updated to warrant an update of the floodplain maps. Updated information includes the National Oceanic and Atmospheric Administration's (NOAA) estimates of how much rain will fall in large storms, the Texas Natural Resources Information System's (TNRIS) ground surface elevation data, and the River Authority's land use data. These inputs for the new floodplain mapping study were developed and collected from 2017 to 2019. The engineering studies to develop the draft floodplains have been underway since 2019.

FISCAL IMPACT:

This item is for briefing purposes only

ALTERNATIVES:

This item is for briefing purposes only

RECOMMENDATION:

This item is for briefing purposes only