



City of San Antonio

Agenda Memorandum

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Agenda Item Number: 4.

Agenda Date: 11/28/2017

In Control: Community Health and Equity Committee

DEPARTMENT: Transportation & Capital Improvements

DEPARTMENT HEAD: Mike Frisbie, P.E.

COUNCIL DISTRICTS IMPACTED: All

SUBJECT:

City of San Antonio Storm Water Policies

SUMMARY:

Briefing on current storm water policies as they relate to runoff, drainage and flood risk.

BACKGROUND INFORMATION:

At the City Council B Session on November 1, 2017, Transportation and Capital Improvements (TCI) presented model results of a Hurricane Harvey type storm hitting San Antonio. The model depicted the devastation that would be caused, but also highlighted how geographical differences to Houston would have produced a very different flood event with faster moving water and less ponding. The model results prompted questions on what the city's current policies are and how they manage runoff, improve drainage and reduce flood risk.

The city's existing storm water policies have guided drainage infrastructure investment from the County and San Antonio River Authority. These projects have removed over 3,000 properties from the 100-year flood plain over the past ten years while the underlying policies continue to reduce our community's future flood risk. It is currently estimated 11,000 properties are still located within the 100-year floodplain, all of which predate the City's current Storm Water policies.

ISSUE:

The briefing will provide an overview of San Antonio's existing storm water policies as they relate to runoff, drainage and flood risk.

The city's policies reduce flood risk through responsible floodplain management that protects homes and citizens from frequent and severe storm events. These policies also improve city-wide drainage and reduce runoff by establishing comprehensive storm water guidelines that holistically address potential impacts.

ALTERNATIVES:

This briefing is for informational purposes only.

FISCAL IMPACT:

This briefing is for informational purposes only.

RECOMMENDATION:

At the request of the Community Health and Equity Committee Chairwoman Council Member Sandoval, a briefing on existing storm water policies as they relate to runoff, drainage and flood risk will be provided to the Community Health and Equity Committee.