



City of San Antonio

Agenda Memorandum

File Number:18-5510

Agenda Item Number: 1.

Agenda Date: 10/17/2018

In Control: City Council B Session

DEPARTMENT: Health

DEPARTMENT HEAD: Colleen M. Bridger, MPH, PhD

COUNCIL DISTRICTS IMPACTED: Citywide

SUBJECT:

Ozone formation study results and recommendations

SUMMARY:

Dr. Harvey Jeffries will provide a presentation of results of his study on ambient ozone formation using San Antonio air quality monitors.

BACKGROUND INFORMATION:

On September 24, 2018, the Environmental Protection Agency (EPA) designated Bexar County in marginal nonattainment of federal ground-level ozone standards. Harvey Jeffries, PhD is a nationally recognized atmospheric chemist that has been studying ozone formation for many years. He has been successful in other Texas cities in providing analysis for lowering ozone levels. Dr. Jeffries uses a unique innovative graphical analysis method. He has performed a site-by-site, hour-by-hour, year-by-year analysis of ozone, wind data and other available observational data from San Antonio air quality monitors, including the non-regulatory monitors, for the purpose of improving the understanding of ambient ozone formation and trends leading to exceeding the EPA Federal Ozone Standard.

Dr. Jeffries will present results obtained, gaps in data and recommendations for next steps to lower the ozone level in San Antonio.

ISSUE:

Metro Health would like the opportunity to provide a presentation to the full City Council.

ALTERNATIVES:

This item is for briefing purposes only.

FISCAL IMPACT:

There is no fiscal impact associated with this item. This memo is for briefing purposes only.

RECOMMENDATION:

This item is for briefing purposes only.