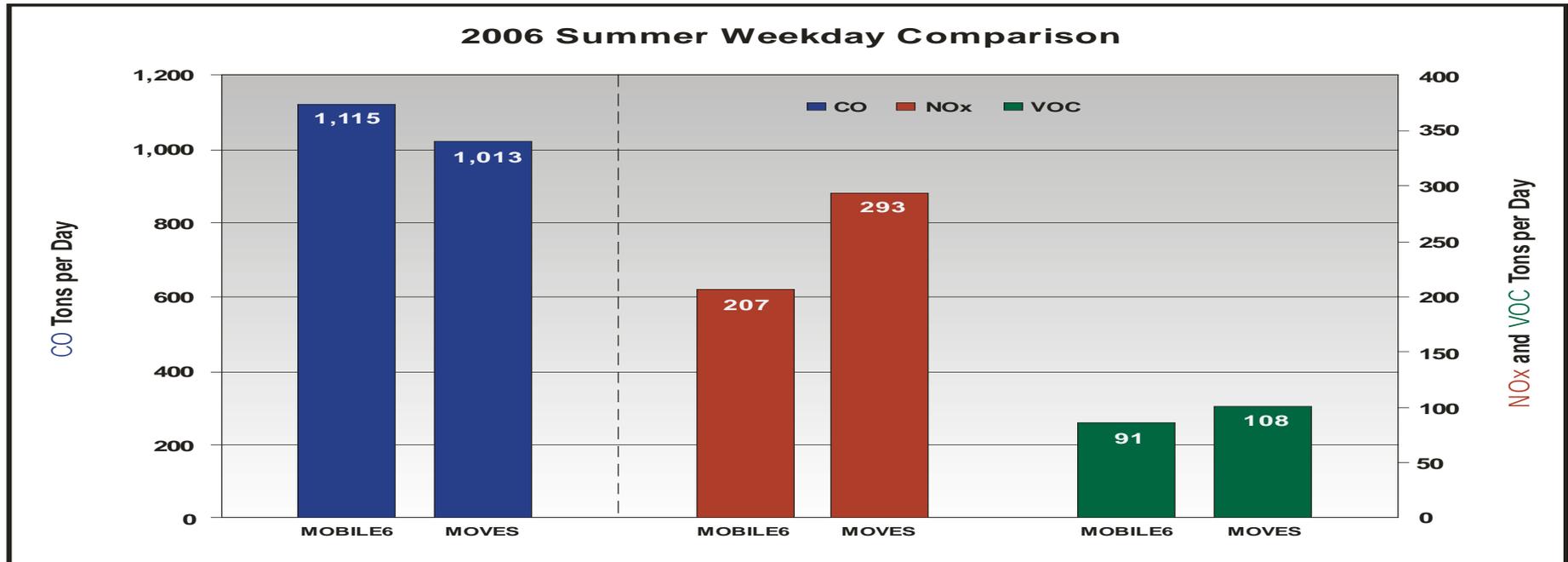


H-GAC Update

Graciela Lubertino, PhD
Houston-Galveston Area Council

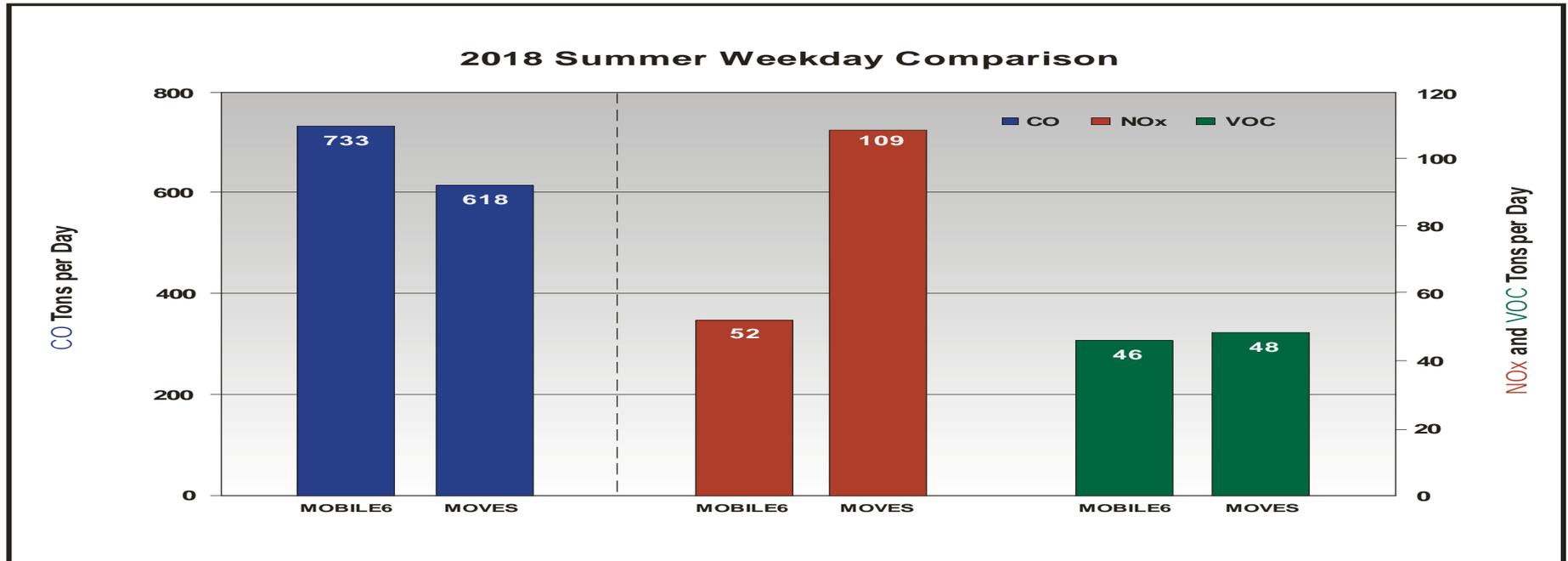
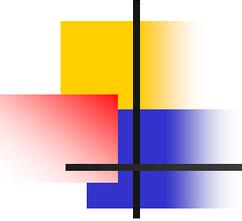


MOVES vs MOBILE6 Draft Results – TTI July 2010

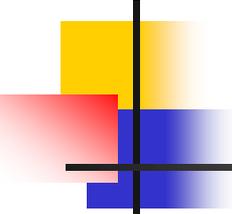


- 42% increase in NOx emissions for the 2006 emission inventory

MOVES vs MOBILE6 Draft Results – TTI July 2010



- 110% increase in NOx emissions for the 2018 emission inventory



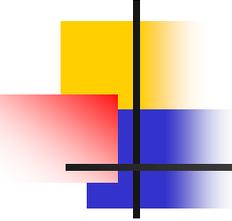
Timeline

Action	Date
End of grace period to start using MOVES	March 2012
New TCEQ SIP (60-70 ppb) with MVEB using MOVES	July 2014*
EPA may find the new MVEB adequate	December 2014*



Almost 3 years!

*Due to delay on new ozone standard



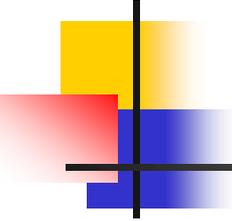
How to solve this problem

- Ask TCEQ to recalculate MVEB using MOVES on current SIP

This will consume many resources (time and money) and the whole SIP will need to be re-evaluated since new control strategies need to be implemented to reduce 60 tpd of NO_x. Otherwise the SIP will show failure to attain and will require another classification bump up.

- Ask EPA to extend MOVES grace period until new MVEB with MOVES are available from SIPs for new ozone standard

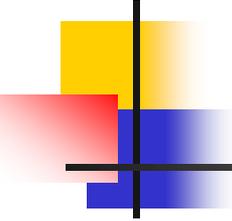
This seems the best solution



How to solve this problem

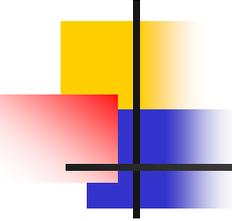
- This fall AMPO and AASHTO took these concerns to EPA/OTAQ. Last month EPA informed that they are going to begin the process to extend the MOVES grace period beyond March 2012, possibly up to one year later.

This will only delay the problem, but won't solve it, since the new SIPs won't be done by March 2013.



GHGs Project Update

- Methodology for estimating greenhouse gas emissions and assessing mitigation options for project level applications for on-road mobile sources.



GHGs Project Update

- Selected control strategies to be analyzed:

Mixed land use development/livable centers

Eco-driving

HOV facilities

Carbon Sequestration

Transit

Hybrids/Electrification of vehicle fleet