

AIR QUALITY & OZONE

BOARD ORIENTATION

OCTOBER 2018

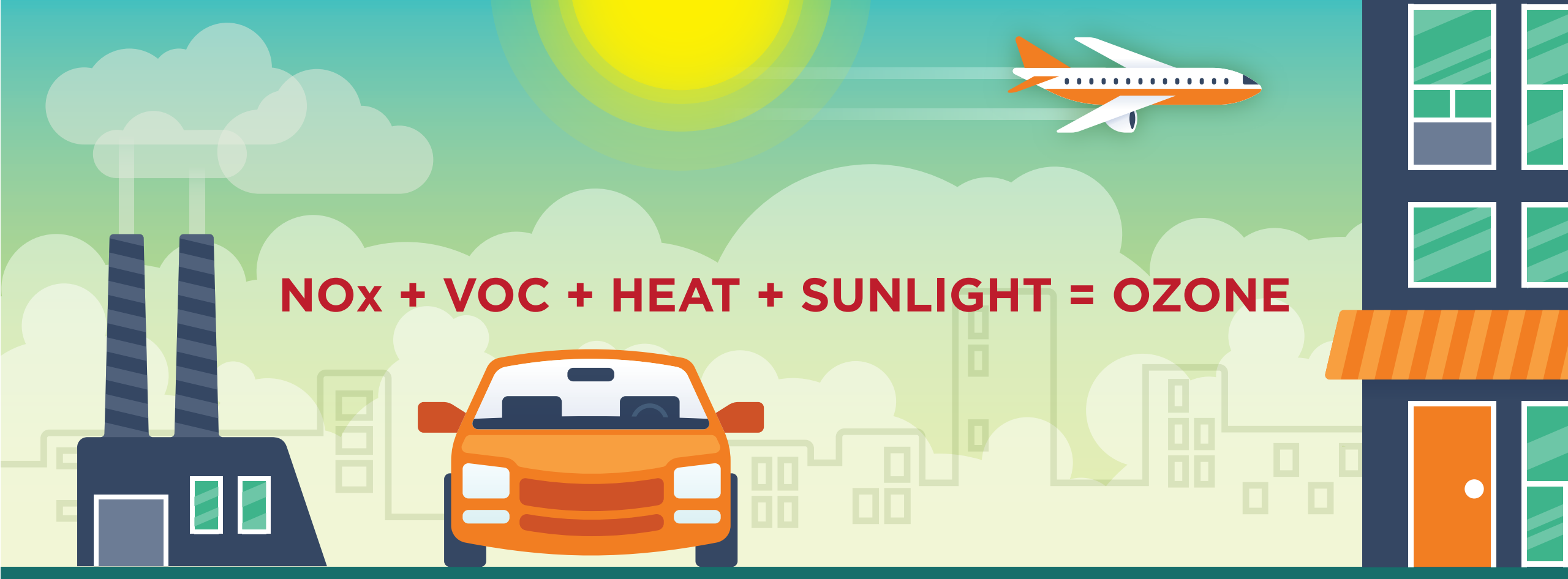
ERIC POLLARD

CLEAN CITIES COORDINATOR

acog

ACOG AND AIR QUALITY

- Since the 1970's ACOG has supports the voluntary actions of our members to reduce ozone causing emissions (particularly NOx and VOC's)
- Ozone pollution levels have fallen dramatically since through advancements in vehicle technologies and power plant generation emission controls



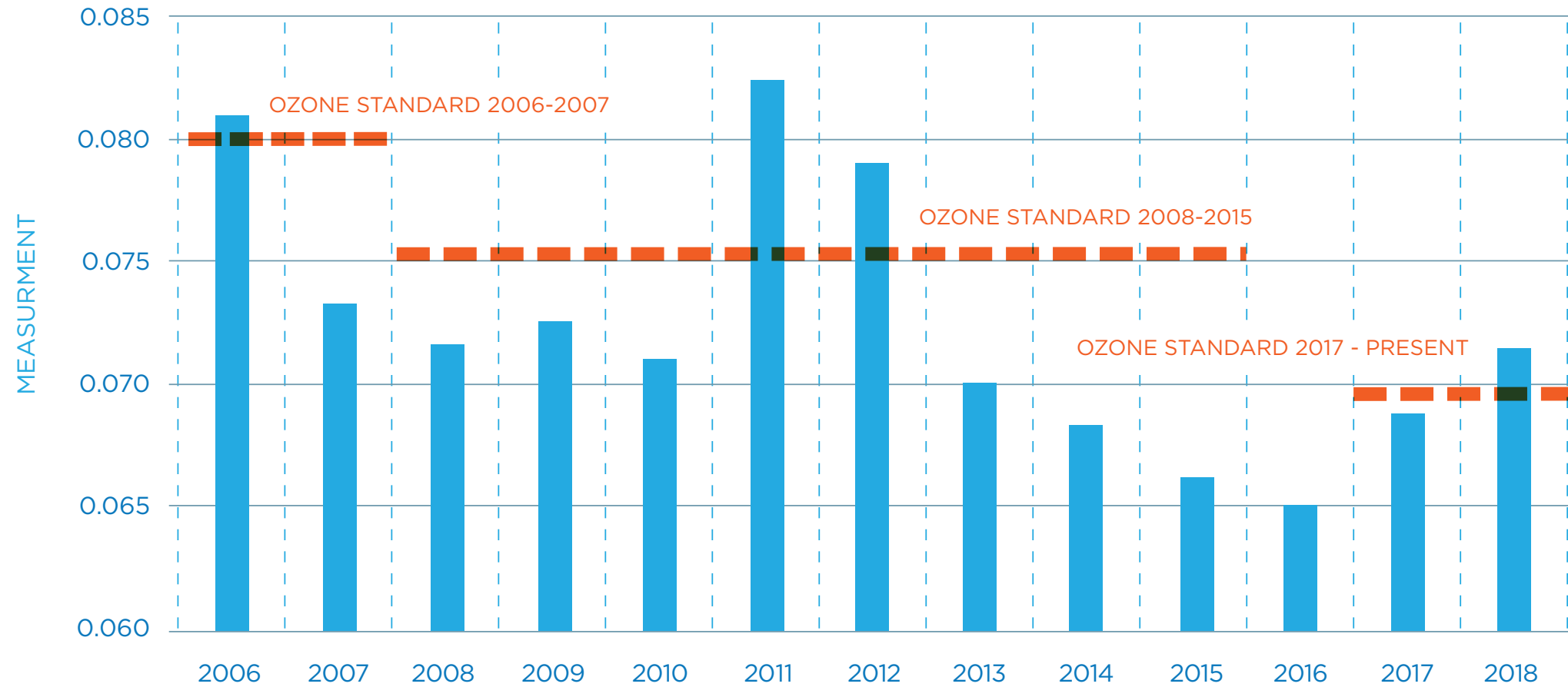
OZONE BASICS

Emissions from industrial facilities and electric utilities, motor vehicle exhaust, gasoline vapors, and chemical solvents are some of the major sources of oxides of nitrogen (NO_x) and volatile organic compounds (VOC).

HIGHEST 8-HOUR AVERAGES

SITE	2015	2016	2017	2018: 1 st	2 nd	3 rd	4 th	2015-2017	2016-2018
OKC NORTH	0.068	0.068	0.071	0.084 JUL 19	0.077 AUG 1	0.072 Apr 24	0.072 AUG 2	0.069	0.070
OKC CENTRAL	0.068	0.065	0.067	0.078 JUL 19	0.074 JUN 29	0.072 APR 24	0.072 AUG 2	0.066	0.068
MOORE	0.065	0.065	0.070	0.075 APR 24	0.074 JUL 29	0.071 JUL 28	0.071 AUG 2	0.066	0.068
GOLDSBY	0.065	0.065	0.068	0.076 JUL 21	0.073 APR 24	0.071 JUL 29	0.070 AUG 2	0.066	0.067
CHOCTAW	0.067	0.064	0.070	0.073 JUL 19	0.072 APR 24	0.072 APR 28	0.069 APR 29	0.067	0.067
YUKON	0.066	0.062	0.069	0.085 JUL 29	0.079 AUG 9	0.077 JUL28	0.076 JUL 19	0.065	0.069
2015-2017 4 th MEASUREMENT				2018 HIGHEST ----- LOWEST				4 th HIGHEST AVERAGE	

REGIONAL AVERAGE OF 4TH HIGHEST O3 READING



OZONE ALERT DAYS

- Preceding days when concentrations of ozone will approach levels of concern, ACOG initiates an 'Ozone Alert Day'
- ACOG encourages sensitive individuals with asthma, respiratory, and cardiovascular diseases to plan accordingly
 - Limit outdoor activity or plan to complete outdoor activities in the morning
 - Avoid high traffic areas
 - Improve indoor air quality

OZONE ALERT DAYS

- To protect your neighbors health on Ozone Alert Days...
 - Limit driving and idling
 - Carpool/Ride the Bus
 - Delay/combine errands
 - Avoid drive-thrus
 - Avoid rush hour congestion
 - Don't run small motors (mowers, etc)
 - Avoid outdoor burning
 - Avoid use of paints, solvents, things with fumes
 - Only fuel vehicles after sundown

OZONE ALERT SIGN UP

- Text OZONEALERT to 22828
- Go to acogok.org

OZONE ADVANCE

- A partnership with the Oklahoma Department of Environmental Quality and the U.S. Environmental Protection Agency
- Voluntary efforts to mitigate ozone pollution
- Need your help identifying projects and programs in your communities that reduce ozone pollution

QUESTIONS?

Eric Pollard

Clean Cities Coordinator

epollard@acogok.org

ASSOCIATION OF
CENTRAL OKLAHOMA
GOVERNMENTS

405.234.2264

acogok.org

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