

# Ozone Report

*Presented to*

**AACOG Board of Directors Air Quality Committee**

*Presented by*

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**August 22, 2018**

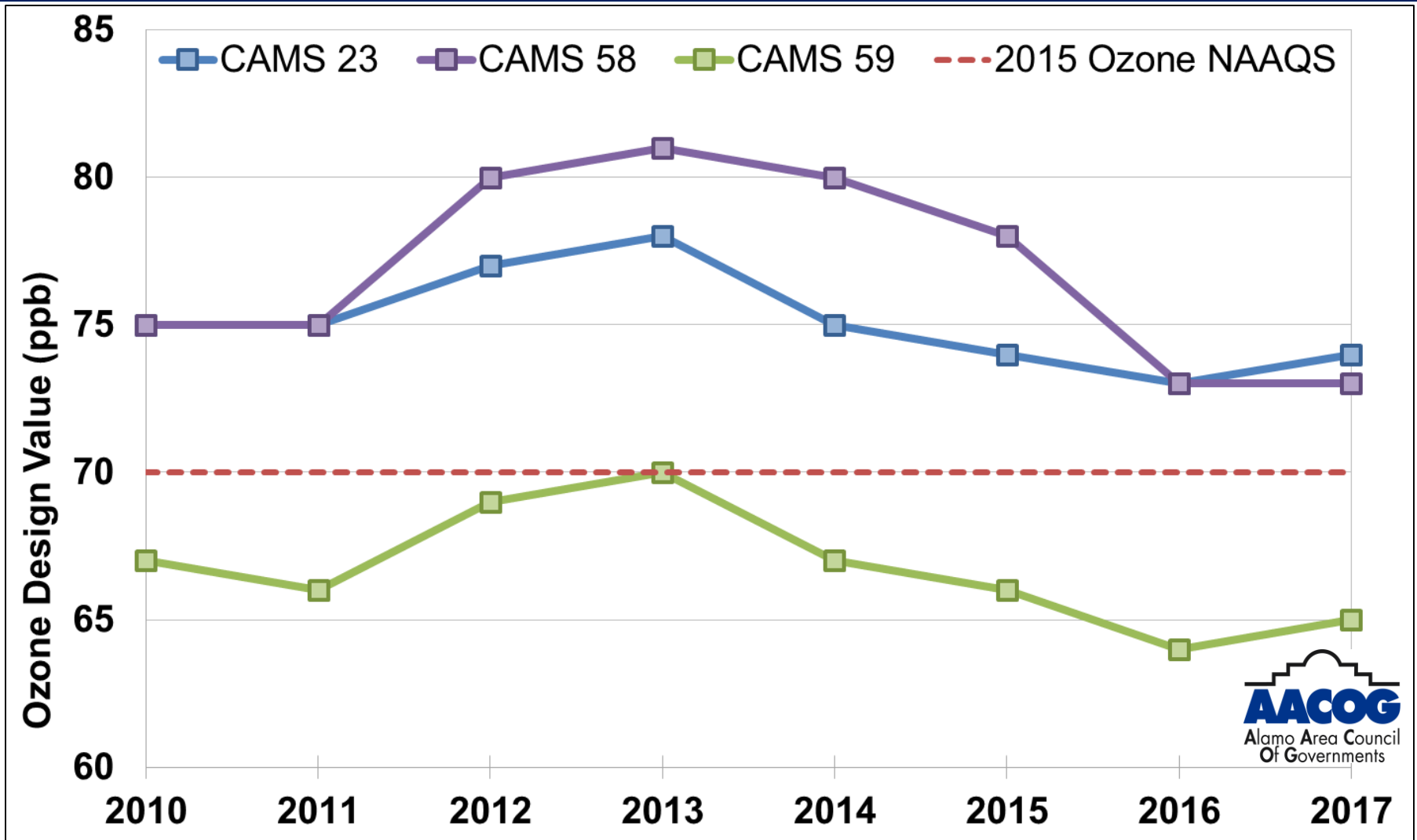


# Current Three-Year Average, 2015-2017

| Monitor Site       | Fourth Highest 8-Hour Average O <sub>3</sub> Measurement, ppb |           |           | Three Year Average |
|--------------------|---------------------------------------------------------------|-----------|-----------|--------------------|
|                    | 2015                                                          | 2016      | 2017      |                    |
| S.A. Northwest C23 | <b>79</b>                                                     | <b>71</b> | <b>73</b> | <b>74</b>          |
| Camp Bullis C58    | <b>80</b>                                                     | 69        | <b>72</b> | <b>73</b>          |
| Calaveras Lake C59 | 68                                                            | 62        | 65        | 65                 |

Red represents values above the 2015 70 ppb 8-hour ozone National Ambient Air Quality Standards (NAAQS)

# Design Value Trend, 2010-2017



# Current Three-Year Average, 2016-2018\*

| Monitor Site          | Fourth Highest 8-Hour Average<br>O <sub>3</sub> Measurement, ppb |           |           | Preliminary<br>Three Year<br>Average* |
|-----------------------|------------------------------------------------------------------|-----------|-----------|---------------------------------------|
|                       | 2016                                                             | 2017      | 2018*     |                                       |
| S.A. Northwest<br>C23 | <b>71</b>                                                        | <b>73</b> | <b>73</b> | <b>72</b>                             |
| Camp Bullis<br>C58    | 69                                                               | <b>72</b> | <b>73</b> | <b>71</b>                             |
| Calaveras<br>Lake C59 | 62                                                               | 65        | <b>71</b> | 66                                    |

\* As of August 12, 2018; ozone data validated through April 2018

Two regulatory monitors exceed the ozone standard for 2018



# 2018 To Date

## Four Highest 8-Hour Ozone Measurements at Regulatory Monitors, 2018

| Monitor            | Date | PPB | Date | PPB | Date | PPB | Date | PPB |
|--------------------|------|-----|------|-----|------|-----|------|-----|
| S.A. Northwest C23 | 8/2  | 83  | 5/7  | 75  | 7/27 | 73  | 4/23 | 73  |
| Camp Bullis C58    | 8/2  | 83  | 5/7  | 83  | 4/23 | 77  | 7/26 | 73  |
| Calaveras Lake C59 | 8/1  | 79  | 8/2  | 73  | 5/7  | 71  | 5/6  | 71  |

As of August 12, 2018; ozone data validated through April 2018

2018 to date: Ten days with ozone > 70 ppb

Average July: Four moderate ozone days, one > 70 every other year

Actual July: Seven moderate days, two exceedances

Average August: Ten moderate ozone days, three to four > 70

Average September: Eleven moderate ozone days, two to three > 70

# AACOG 50<sup>th</sup> Anniversary Initiative

In support of AACOG's 50<sup>th</sup> anniversary, the natural resources department is sharing 50 ways to improve air quality.



Throughout August, AACOG has been sending out CivicPlus alerts and tweets @AlamoAreaCOG #AIRPOLLUTIONTAKEDOWN to spread awareness of 50 things people can do to reduce emissions of pollutants that produce ozone.

# Seasonal Ozone Frequency

