



EXECUTIVE CHAMBERS  
HONOLULU

DAVID Y. IGE  
GOVERNOR

October 12, 2016

Ms. Alexis Strauss  
Acting Regional Administrator  
U.S. Environmental Protection Agency, Region IX  
75 Hawthorne Street  
San Francisco, California 94105

Dear Ms. Strauss:

**SUBJECT: Recommended Designation for the Revised 8-Hour Primary and Secondary Federal Ozone (O<sub>3</sub>) National Ambient Air Quality Standards (NAAQS)**

Pursuant to Section 107(d) of the Clean Air Act, I am recommending that the State of Hawaii be designated in attainment of the revised 8-hour primary and secondary O<sub>3</sub> NAAQS. The Department of Health (DOH), which manages the ambient air monitoring network, has determined that the quality-assured and certified O<sub>3</sub> data for the calendar years 2013 through 2015 is in attainment with the federal O<sub>3</sub> standards.

As required in 40 CFR Part 58, Appendix D, the state operates two stations using a Federal Equivalent Method sampler for the collection of O<sub>3</sub> data. Attachment I provides the data used for the calculation of the 8-hour standard design value. The three-year average of the fourth highest daily maximum 8-hour values was well below the revised O<sub>3</sub> NAAQS. The Sand Island station had an average 94 percent data capture rate which met the 90 percent data completeness requirement.

Based on continuous compliance with the NAAQS and ongoing monitoring of air pollution sources, the state has determined that there are no anticipated changes or activities that would cause a significant variation from the currently measured O<sub>3</sub> values. We therefore ask for the U.S. Environmental Protection Agency's consideration of our recommendation for attainment of the revised 8-hour O<sub>3</sub> standards.

We look forward to working with the U.S. Environmental Protection Agency, Region IX, on the final designation for this public health and environmental issue. If you have any questions, please contact Ms. Catherine Lopez at the DOH, Clean Air Branch, at (808) 586-4200.

Sincerely,

DAVID Y. IGE  
Governor of Hawaii

Attachment  
LY:rkb

c: Elizabeth Adams, Acting Director, Air Division (AIR-1), U.S. EPA, Region IX,  
Anita Lee, Ph.D., Acting Manager, Air Quality Analysis Office (AIR-7), U.S. EPA, Region IX,

## Attachment I

<b>Sand Island Ozone Monitoring Station (ID 150031004)</b>						
<b>In attainment of the new primary and secondary 8-hour ozone standards of 0.070 parts per million (ppm)</b>						
Year	Percent valid days (January to December monitoring)	1 <sup>st</sup> Highest daily maximum 8-hour concentration (ppm)	2 <sup>nd</sup> Highest daily maximum 8-hour concentration (ppm)	3 <sup>rd</sup> Highest daily maximum 8-hour concentration (ppm)	4 <sup>th</sup> Highest daily maximum 8-hour concentration (ppm)	5 <sup>th</sup> Highest daily maximum 8-hour concentration (ppm)
2013	98	0.051	0.050	0.047	<b>0.047</b>	0.046
2014	91	0.062	0.061	0.057	<b>0.057</b>	0.054
2015	94	0.052	0.050	0.049	<b>0.049</b>	0.048
3-year average	94	-----			<b>0.051</b>	-----

The State of Hawaii has one ozone monitoring station that operates 12 months of the year.

This station meets the primary and secondary O<sub>3</sub> standards because the 3-year average of the annual fourth-highest daily maximum 8-hour average O<sub>3</sub> concentrations (0.051 ppm) is less than 0.070 ppm.

This station also meets the data completeness requirement because the average percent of days with valid ambient monitoring data is greater than 90%, and no single year has less than 75% data completeness.

The State of Hawaii is in attainment of the new 8-hour primary and secondary standards based on three years of the most recent, quality-assured, and certified data.