

DAVID Y. IGE
GOVERNOR OF HAWAII



BRUCE S. ANDERSON, Ph.D.
DIRECTOR OF HEALTH

CERTIFIED MAIL -
RETURN RECEIPT REQUESTED
(#7018 0040 0000 8040 7689)

STATE OF HAWAII
DEPARTMENT OF HEALTH
P.O. Box 3378
HONOLULU, HAWAII 96801-3378

In reply, please refer to:
File:

20-235M&A CAB

May 15, 2020

Ms. Elizabeth J. Adams
Air Division Director
U.S. EPA, Region 9 (AIR-1)
75 Hawthorne Street
San Francisco, California 94105

Attention: Randall Chang

Dear Ms. Adams:

SUBJECT: Data Requirements Rule Sulfur Dioxide (SO₂) Monitoring Shutdown Request

The Hawaii Department of Health, Clean Air Branch (HDOH), requests to shut down the SO₂ monitor located at Waiiau (AQS ID: 15-003-4100). This request is being submitted based on the data meeting the criteria in 40 CFR Part 51, Subpart BB, 51.1203, Section (c)(3). The monitor operated solely for the purpose of satisfying the 2015 SO₂ Data Requirements Rule (DRR) (40 CFR Part 51, Subpart BB) for Hawaiian Electric Company's Waiiau Generating Station.

HDOH has submitted data to AQS for the specified monitor for CY 2017-2019 and certified the data on April 30, 2018, April 23, 2019, and April 30, 2020. Based on the certified data, a design value was calculated (per 40 CFR Part 50, Appendix T) that meets the requirements under 40 CFR 51.1203(c)(3). The design value for the monitor during the first 3-year period of operation was 16 ppb, which is less than 50% of the NAAQS. The 3-year design value report (AQS AMP 480) is attached.

The monitor is not located in an area designated as nonattainment of the 2010 SO₂ NAAQS; being used to satisfy other ambient SO₂ minimum monitoring requirements listed in 40 CFR Part 58, Appendix D, Section 4.4; or required as part of a SIP, permit, attainment plan or maintenance plan. All information requested by Mr. Randall Chang to be reviewed electronically has been loaded onto the HDOH HAMP Sharepoint site.

If you have any questions, please contact Ms. Lisa Young of my staff at (808) 586-4200.

Sincerely,

A handwritten signature in black ink, appearing to read "Marianne Rossio".

MARIANNE ROSSIO, P.E.
Manager, Clean Air Branch

JY:skb

Attachment

c: Gwen Yoshimura, Manager, Air Quality Analysis Office (AIR-7), Air Division, U.S. EPA, Region 9
Randall Chang, Air Quality Analysis Office (AIR-7), Air Division, U.S. EPA, Region 9
Stanton Oshiro, Project Manager, Hawaiian Electric Company, Inc., Environmental Division

User ID: XJMYOSHIMOTO

DESIGN VALUE REPORT

Report Request ID: 1840856

Report Code: AMP480

May. 7, 2020

GEOGRAPHIC SELECTIONS												
Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region	
	15	003	4100									

PROTOCOL SELECTIONS			
Parameter Classification	Parameter	Method	Duration
DESIGN VALUE	42401		

AGENCY SELECTIONS
Hawaii State Department Of Health

SELECTED OPTIONS	
Option Type	Option Value
SINGLE EVENT PROCESSING	EXCLUDE REGIONALLY CONCURRED EVENTS
MERGE PDF FILES	YES
AGENCY ROLE	PQAO
USER SITE METADATA	STREET ADDRESS
QUARTERLY DATA IN WORKFILE	NO
WORKFILE DELIMITER	,
USE LINKED SITES	YES

DATE CRITERIA	
Start Date	End Date
2017	2019

APPLICABLE STANDARDS
Standard Description
SO2 1-hour 2010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
PRELIMINARY DESIGN VALUE REPORT

Report Date: May. 7, 2020

- Notes:
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
 2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
 3. Annual Values not meeting completeness criteria are marked with an asterisk (**).

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: May. 7, 2020

Pollutant: Sulfur dioxide(42401)
 Standard Units: Parts per billion(008)
 NAAQS Standard: SO2 1-hour 2010
 Statistic: Annual 99th Percentile

Design Value Year: 2017
 Level: 75
 State Name: Hawaii

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

<u>Site ID</u>	<u>STREET ADDRESS</u>	2017			2016			2015			3-Year	
		<u>Comp.</u> <u>Qtrrs</u>	<u>99th</u> <u>Percentile</u>	<u>Cert&</u> <u>Eval</u>	<u>Comp.</u> <u>Qtrrs</u>	<u>99th</u> <u>Percentile</u>	<u>Cert&</u> <u>Eval</u>	<u>Comp.</u> <u>Qtrrs</u>	<u>99th</u> <u>Percentile</u>	<u>Cert&</u> <u>Eval</u>	<u>Design</u> <u>Value</u>	<u>Valid</u> <u>Ind.</u>
15-003-4100	97-685 KAMEHAMEHA HWY	4	15	Y						15	N	

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: May. 7, 2020

Pollutant: Sulfur dioxide(42401)
 Standard Units: Parts per billion(008)
 NAAQS Standard: SO2 1-hour 2010
 Statistic: Annual 99th Percentile

Design Value Year: 2018

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

Level: 75

State Name: Hawaii

<u>Site ID</u>	<u>STREET ADDRESS</u>	2018			2017			2016			3-Year	
		<u>Comp.</u> <u>Qtrrs</u>	<u>99th</u> <u>Percentile</u>	<u>Cert&</u> <u>Eval</u>	<u>Comp.</u> <u>Qtrrs</u>	<u>99th</u> <u>Percentile</u>	<u>Cert&</u> <u>Eval</u>	<u>Comp.</u> <u>Qtrrs</u>	<u>99th</u> <u>Percentile</u>	<u>Cert&</u> <u>Eval</u>	<u>Design</u> <u>Value</u>	<u>Valid</u> <u>Ind.</u>
15-003-4100	97-685 KAMEHAMEHA HWY	4	16	Y	4	15	Y				15	N

- Notes:**
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 PRELIMINARY DESIGN VALUE REPORT

Report Date: May. 7, 2020

Pollutant: Sulfur dioxide(42401)
 Standard Units: Parts per billion(008)
 NAAQS Standard: SO2 1-hour 2010
 Statistic: Annual 99th Percentile

Design Value Year: 2019
 REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.
 Level: 75
 State Name: Hawaii

<u>Site ID</u>	<u>STREET ADDRESS</u>	2019			2018			2017			3-Year	
		<u>Comp.</u> <u>Qtrrs</u>	<u>99th</u> <u>Percentile</u>	<u>Cert&</u> <u>Eval</u>	<u>Comp.</u> <u>Qtrrs</u>	<u>99th</u> <u>Percentile</u>	<u>Cert&</u> <u>Eval</u>	<u>Comp.</u> <u>Qtrrs</u>	<u>99th</u> <u>Percentile</u>	<u>Cert&</u> <u>Eval</u>	<u>Design</u> <u>Value</u>	<u>Valid</u> <u>Ind.</u>
15-003-4100	97-685 KAMEHAMEHA HWY	4	16	Y	4	16	Y	4	15	Y	16	Y

- Notes:**
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
AIR QUALITY SYSTEM
PRELIMINARY DESIGN VALUE REPORT

Report Date: May. 7, 2020

CERTIFICATION EVALUATION AND CONCURRENCE FLAG MEANINGS

FLAG	MEANING
M	The monitoring organization has revised data from this monitor since the most recent certification letter received from the state.
N	The certifying agency has submitted the certification letter and required summary reports, but the certifying agency and/or EPA has determined that issues regarding the quality of the ambient concentration data cannot be resolved due to data completeness, the lack of performed quality assurance checks or the results of uncertainty statistics shown in the AMP255 report or the certification and quality assurance report.
S	The certifying agency has submitted the certification letter and required summary reports. A value of "S" conveys no Regional assessment regarding data quality per se. This flag will remain until the Region provides an "N" or "Y" concurrence flag.
U	Uncertified. The certifying agency did not submit a required certification letter and summary reports for this monitor even though the due date has passed, or the state's certification letter specifically did not apply the certification to this monitor.
X	Certification is not required by 40 CFR 50.15 and no conditions apply to be the basis for assigning another flag value
Y	The certifying agency has submitted a certification letter, and EPA has no unresolved reservations about data quality (after reviewing the letter, the attached summary reports, the amount of quality assurance data submitted to AQS, the quality statistics, and the highest reported concentrations).

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