



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105-3901

October 8, 2021

Marianne Rossio
Manager, Clean Air Branch
State of Hawaii, Department of Health
P.O. Box 3378
Honolulu, Hawaii 96801-3378

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

Dear Manager Rossio:

This letter provides the U.S. Environmental Protection Agency's (EPA) review and approval of the State of Hawaii Department of Health's (HDOH) request for discontinuation of the sulfur dioxide (SO₂) State/Local Air Monitoring Station (SLAMS) monitor at the Waiiau site (Air Quality System (AQS) Site ID: 15-003-4100). A request for EPA approval of this network change was submitted to EPA on May 15, 2020. Monitoring agencies are required to obtain EPA approval for the discontinuation of SLAMS monitors.

The Waiiau SO₂ SLAMS monitor was installed in 2017 for the purpose of satisfying the 2015 SO₂ Data Requirements Rule (DRR) (80 FR 51052) for Hawaiian Electric Company's (HECO) Waiiau Generating Station on Oahu. Discontinuation of the Waiiau SO₂ SLAMS monitor was reviewed by EPA against criteria contained in 40 CFR 51.1203(c)(3) which states (in part): "Any SO₂ monitor identified by an air agency in its approved Annual Monitoring Network Plan as having the purpose of meeting the requirements of this paragraph (c) that: Is not located in an area designated as nonattainment as the 2010 SO₂ NAAQS is not also being used to satisfy other ambient SO₂ minimum monitoring requirements listed in 40 CFR part 58, appendix D, section 4.4; and is not otherwise required as part of a SIP, permit, attainment plan or maintenance plan, may be eligible for shut down upon EPA approval if it produces a design value no greater than 50 percent of the 2010 SO₂ NAAQS from data collected in either its first or second 3-year period of operation." The design values produced by the Waiiau SO₂ SLAMS monitor for periods 2017-2019 and 2018-2020 are less than 50% of the 2010 SO₂ National Ambient Air Quality Standards (NAAQS) and the monitor is not located in a 2010 SO₂ NAAQS nonattainment area, is not being used to satisfy other ambient SO₂ minimum monitoring requirements listed in 40 CFR Part 58, Appendix D, and is not otherwise required as part of a SIP, permit, attainment or maintenance

plan. Therefore, the monitor may be considered eligible for shut down with the EPA's approval under 40 CFR 51.1203(c)(3).

Additionally, the Waiiau SO₂ monitor passed the National Performance Audit Program (NPAP) audit performed on June 22, 2021 as well as a closure audit (including all appropriate audit levels) performed on July 23, 2021. Based on these analyses, EPA approves HDOH's discontinuation of the Waiiau SO₂ SLAMS monitor. Please include this letter and the relevant monitor and site information in the next HDOH annual monitoring network plan.

If you have any questions, please contact me at (415) 947-4134 or Randall Chang of my staff at (415) 947-4180.

Sincerely,

GWEN YOSHIMURA

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YOSHIMURA
Date: 2021.10.08 07:15:30 -07'00'

Gwen Yoshimura, Manager
Air Quality Analysis Office
Air and Radiation Division

cc (via email):

Lisa Young, HDOH/CAB
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