



## Air

### Status of Sulphur Dioxide in B.C. (2021-2023 & 2022-2024)

British Columbia has a network of air quality monitoring stations that measure sulphur dioxide and other air contaminants. This indicator reports on the concentration of sulphur dioxide from two reporting periods, 2021-2023 and 2022-2024. The data are reported as two metrics: an annual metric based on one year of data, and a 1-hour metric based on three consecutive years of data. These metrics are compared against the [Canadian Ambient Air Quality Standards](#) to determine achievement and to define colour-based management levels. CAAQS were established by the [Canadian Council of Ministers of the Environment](#) in 2012 as a key element of the Air Quality Management System that collaboratively and comprehensively manages air quality in Canada.

#### Sulphur Dioxide (SO<sub>2</sub>): Canadian Ambient Air Quality Standard

SO<sub>2</sub> levels are calculated using **two** statistical forms called the annual metric and the 1-hour metric. The Canadian Ambient Air Quality Standard value for SO<sub>2</sub> annual is **5 parts per billion** and the standard value for SO<sub>2</sub> 1-hour is **70 parts per billion**

SO<sub>2</sub> standards are achieved when annual levels are  $\leq 5$  ppb or lower and 1-hour levels are  $\leq 70$  ppb or lower. More stringent 2025 CAAQS for SO<sub>2</sub> apply in the next reporting period (2023-2025), with an annual metric of 4 ppb and 1-hour metric of 65 ppb.

#### What is an Air Zone?

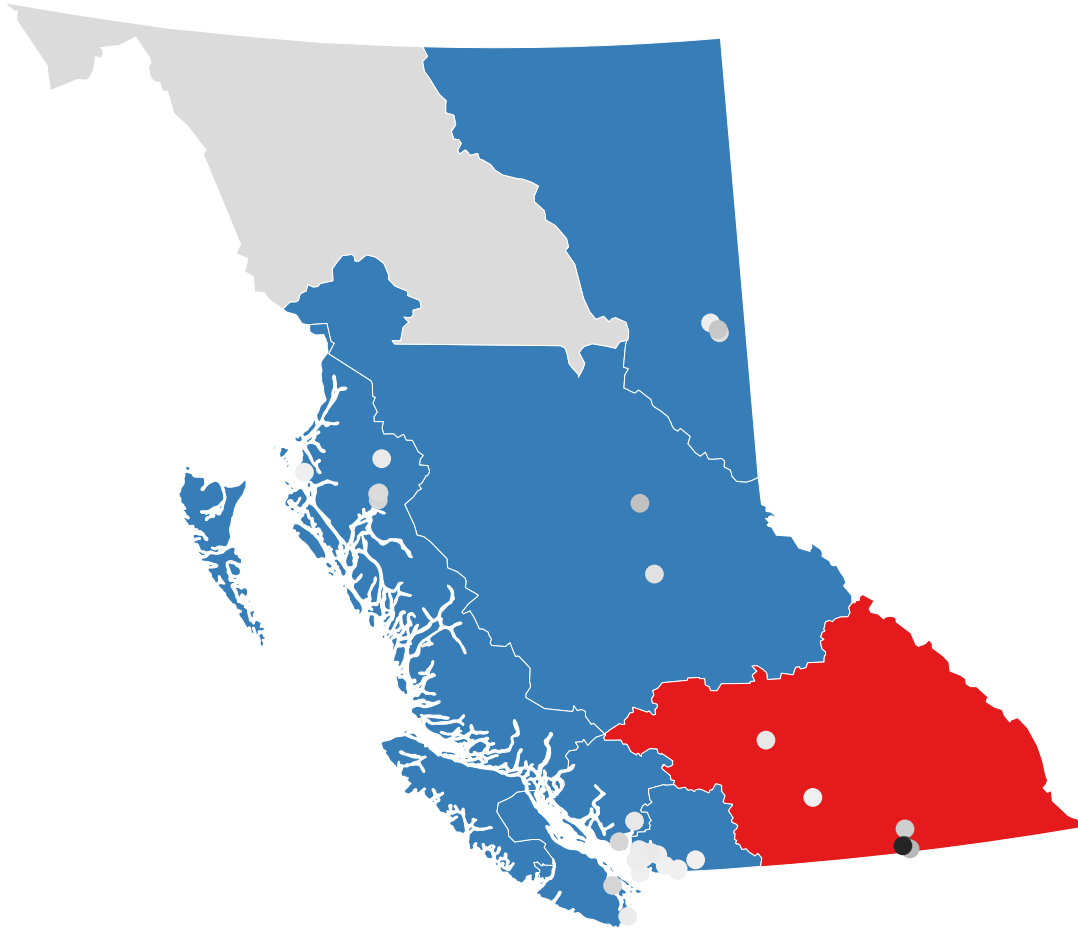
British Columbia is divided up into seven air zones, which are areas that typically exhibit similar air quality characteristics, issues, and trends.

- **Sulphur dioxide is a colourless gas with a pungent odour at higher concentrations.** The largest sources of SO<sub>2</sub> in B.C. include the oil and gas sector, the pulp and paper sector, and metal smelters. Marine vessels and off-road diesel vehicles are also significant sources of SO<sub>2</sub> ([Air Pollutant Emissions Inventory Report 2026](#))
- **Sulphur dioxide can be harmful to humans and the environment.** Short-term exposure to elevated SO<sub>2</sub> can cause difficulty breathing for asthmatics. The long-term impacts of SO<sub>2</sub> exposure are not well understood. Increased SO<sub>2</sub> in the environment can affect vegetation and aquatic ecosystems through acid rain deposition ([Health Canada, 2016](#)).
- **2021-2023: sulphur dioxide levels met the Canadian Ambient Air Quality Standards at 94 percent of assessed monitoring stations in B.C.** There are two standards for SO<sub>2</sub>—an annual standard and a 1-hour standard (see sidebar). The annual standard was met at 36 of the 36 stations (100%) for which valid data were obtained, while the 1-hour standard was met at 34 of the 36 stations (94%) with sufficient data for analysis.

- **2022-2024: sulphur dioxide levels met the Canadian Ambient Air Quality Standards at 94 percent of assessed monitoring stations in B.C.** The annual standard was met at 37 of the 37 stations (100%) for which valid data were obtained, while the 1-hour standard was met at 34 of the 36 stations (94%) with sufficient data for analysis.
- **In both periods, sulphur dioxide levels met the annual Canadian Ambient Air Quality Standard in six of B.C.'s seven air zones, and met the 1-hour Standard in five air zones.** The Coastal, Central Interior, Georgia Strait, Northeast, and Lower Fraser Valley air zones met both the annual and 1-hour standards. The Southern Interior air zone exceeded the 1-hour standard. Currently, there are no [air monitoring stations](#) in the Northwest air zone.
- **Sulphur dioxide levels are used to set management levels for each air zone.** Four management levels (green, yellow, orange, and red) are each associated with a suite of actions that become more rigorous as sulphur dioxide levels approach the Canadian Ambient Air Quality Standards.

The maps and charts below summarise the Canadian Ambient Air Quality Standard achievement status for sulphur dioxide in B.C. air zones, as well as both the annual and 1-hour SO<sub>2</sub> levels at individual monitoring stations. Summaries are given for each monitoring station where sufficient data were available for the 2022-2024 and 2021-2023 reporting periods.

Status of 1-hour SO<sub>2</sub> Levels in B.C. Air Zones (2022-2024)



**Airzones:**

SO<sub>2</sub> 1-Hr Air Quality Standard

Insufficient Data Achieved Not Achieved

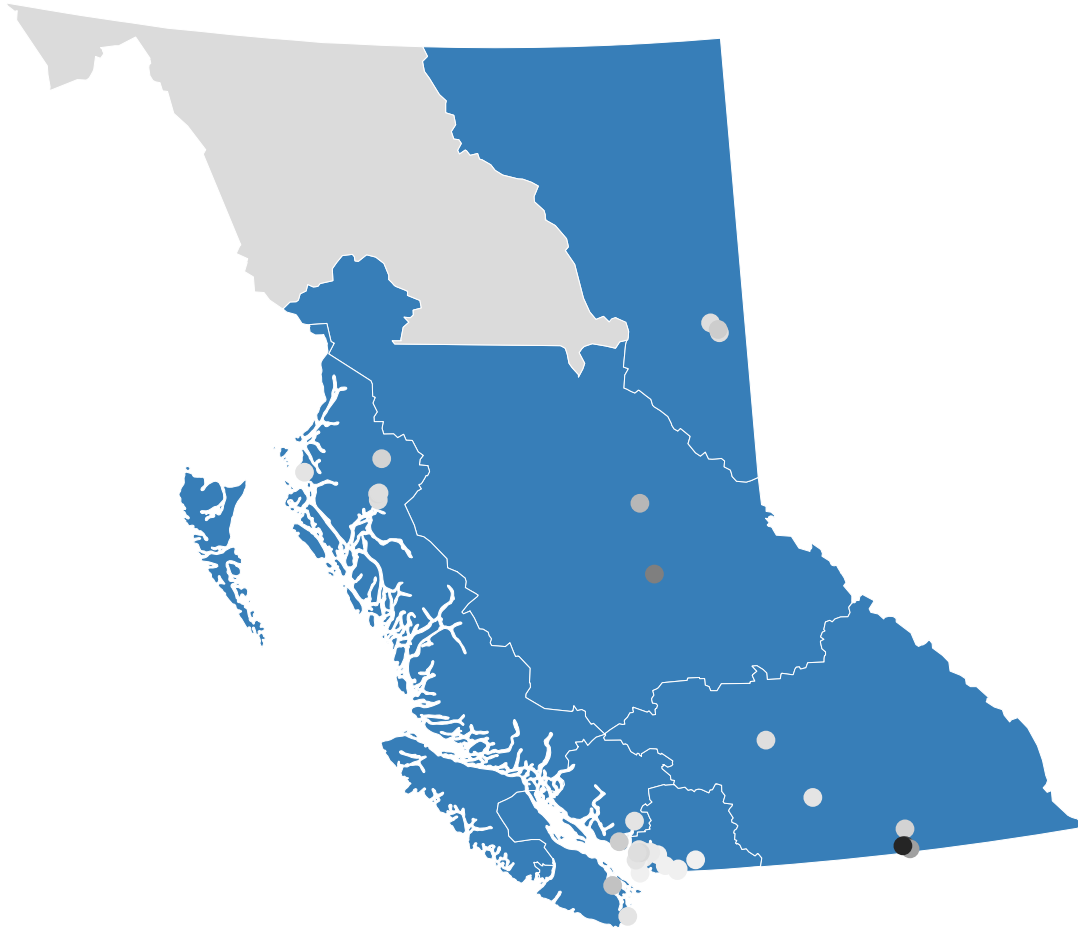
**Monitoring Stations:**

SO<sub>2</sub> 1-Hr Metric (ppb)



50 100

### Status of Annual SO<sub>2</sub> Levels in B.C. Air Zones (2022-2024)



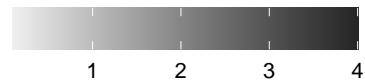
**Airzones:**

SO<sub>2</sub> Annual Air Quality Standard

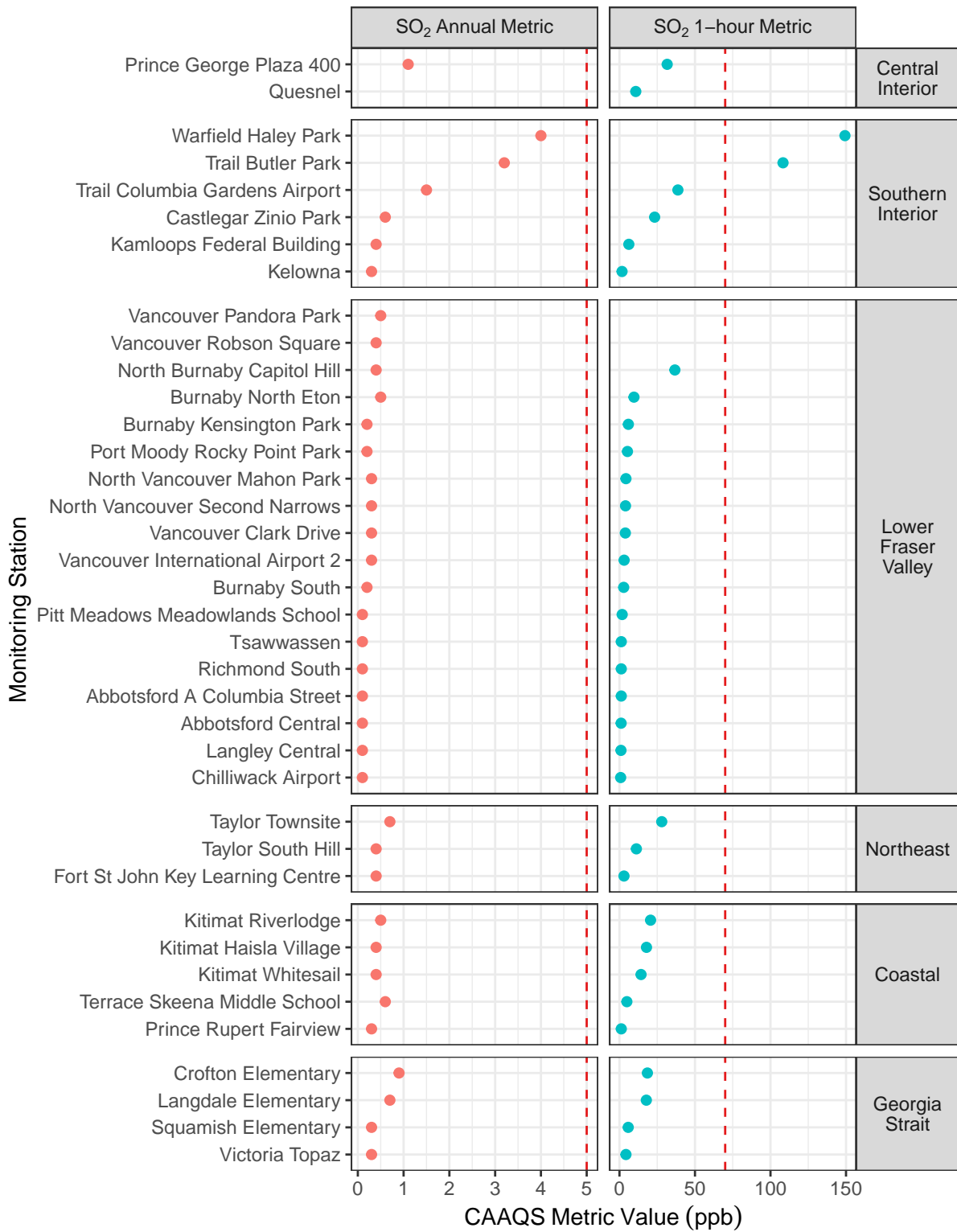
Insufficient Data Achieved Not Achieved

**Monitoring Stations:**

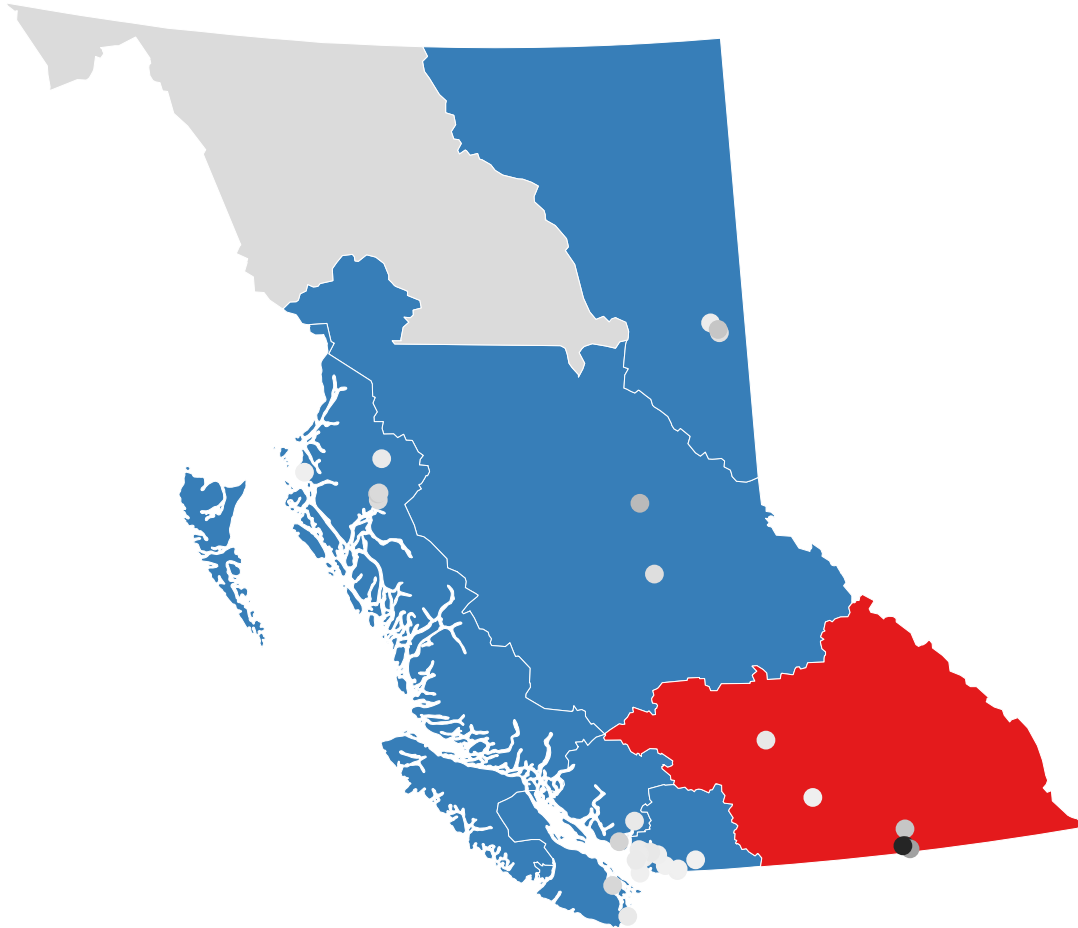
SO<sub>2</sub> Annual Metric (ppb)



**SO<sub>2</sub> Metrics for Air Monitoring Stations within B.C. Air Zones (2022-2024)**



Status of 1-hour SO<sub>2</sub> Levels in B.C. Air Zones (2021-2023)



**Airzones:**

SO<sub>2</sub> 1-Hr Air Quality Standard

Insufficient Data
  Achieved
  Not Achieved

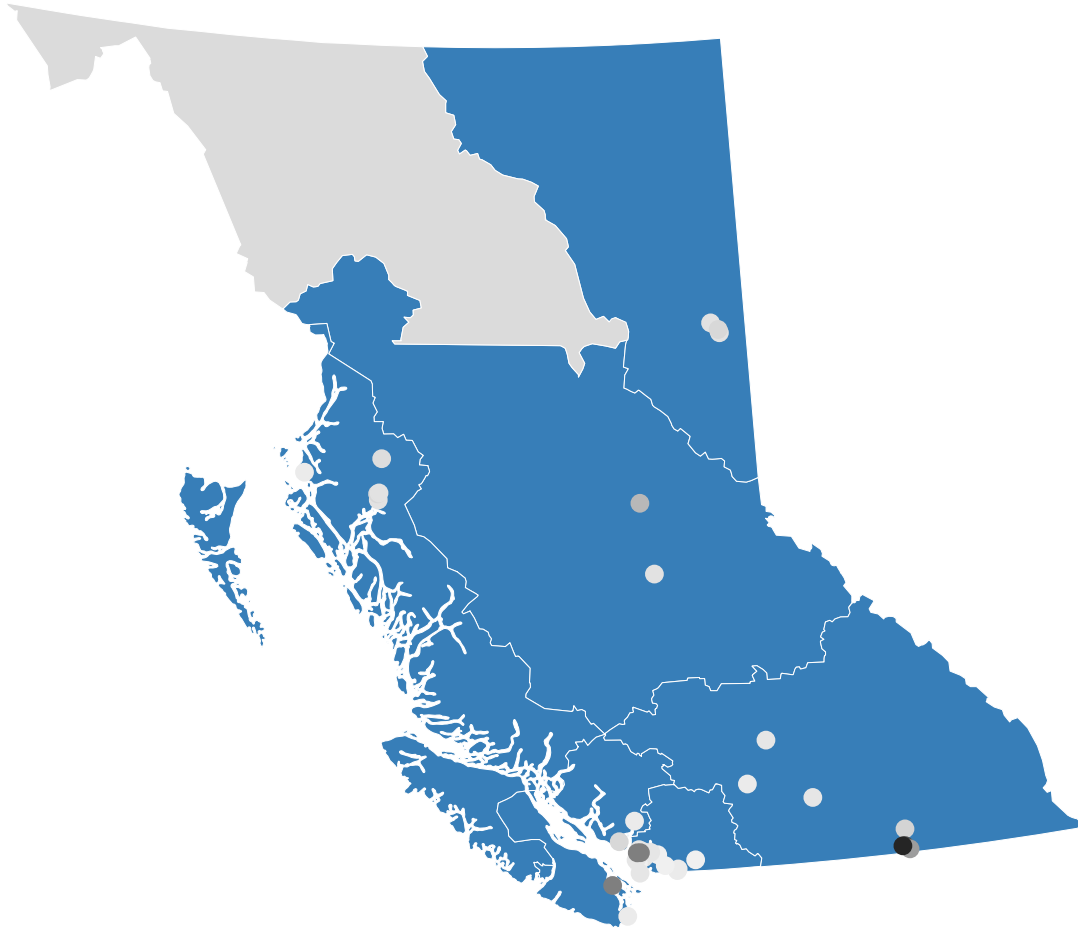
**Monitoring Stations:**

SO<sub>2</sub> 1-Hr Metric (ppb)



50 100

Status of Annual SO<sub>2</sub> Levels in B.C. Air Zones (2021-2023)



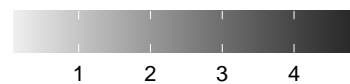
**Airzones:**

SO<sub>2</sub> Annual Air Quality Standard

Insufficient Data
  Achieved
  Not Achieved

**Monitoring Stations:**

SO<sub>2</sub> Annual Metric (ppb)



**SO<sub>2</sub> Metrics for Air Monitoring Stations within B.C. Air Zones (2021-2023)**



## More about the Canadian Ambient Air Quality Standard for sulphur dioxide metrics:

- There are two Canadian Ambient Air Quality Standards for sulphur dioxide (SO<sub>2</sub>). The statistical form of the SO<sub>2</sub> annual metric is the average of the annual average concentration of SO<sub>2</sub>. The statistical form of the SO<sub>2</sub> 1-hour metric is the average of the annual 99th percentile of the daily maximum 1-hr average concentration of SO<sub>2</sub>.
- The SO<sub>2</sub> metric for an air zone is the highest SO<sub>2</sub> metric value reported from monitoring stations within the air zone.
- Air quality monitoring stations with at least two years of valid data from 2022-2024 were included in this indicator. Visit [Current Air Quality Data](#) for a complete list of currently active air quality monitoring stations across B.C.
- Criteria for data completeness and sufficiency of the two SO<sub>2</sub> metrics are described in the [Guidance Document on Achievement Determination for Canadian Ambient Air Quality Standards for Sulphur Dioxide \(2020\)](#).

## Canada-wide Air Quality Management System

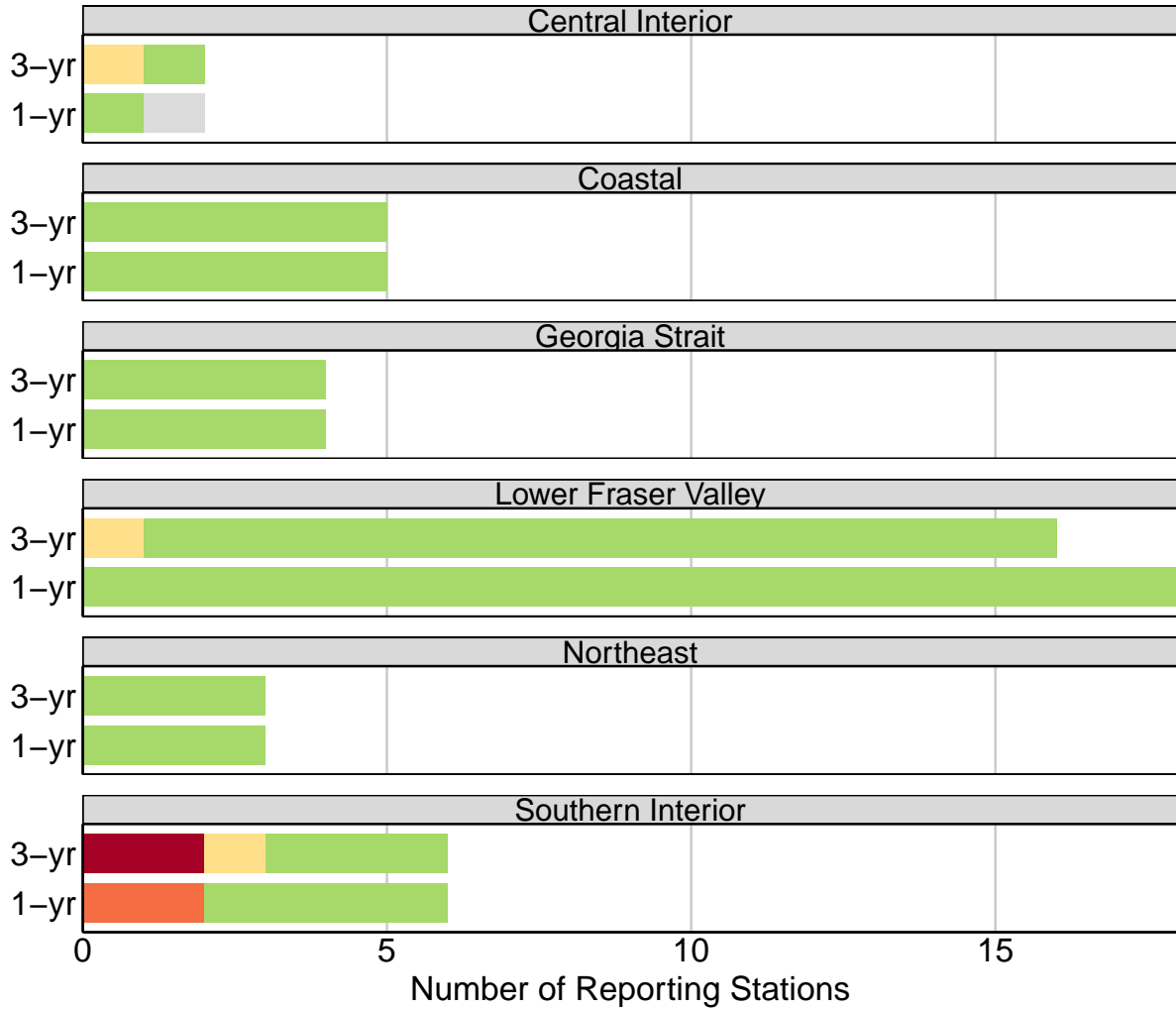
The Air Quality Management System is Canada's approach for protecting air quality. Under the Air Quality Management System, provinces and territories monitor, report and manage local air quality within air zones, with the goal of continuously improving air quality and keeping pollutants below the Canadian Ambient Air Quality Standards.

- There are seven air zones in British Columbia: Coastal, Georgia Strait, Lower Fraser Valley, Southern Interior, Central Interior, Northeast and Northwest.
- The Air Zone Management Framework defines air zone management levels for sulphur dioxide based on the higher of the annual and 1-hour sulphur dioxide levels reported from monitoring stations within the air zone.
- The four management levels are (1) green (actions for keeping clean areas clean); (2) yellow (actions for preventing air quality deterioration); (3) orange (actions for preventing Canadian Ambient Air Quality Standard exceedance); and (4) red (actions for achieving air zone Canadian Ambient Air Quality Standard). Each management level is associated with a suite of actions that become more rigorous as sulphur dioxide levels approach the standard. Actions for each management level are detailed in the [Guidance Document on Air Zone Management \(2019\) \(PDF\)](#).
- The Southern Interior was the only air zone assigned to a red management level. Central Interior and Northeast air zones were assigned to a yellow management level, and the Coastal, Georgia Strait and Lower Fraser Valley air zones were assigned to a green management level. There are currently no [air monitoring stations](#) in the Northwest air zone.

**Air Quality Management Levels in B.C. Air Zones (2022-2024)**



Station-Level Air Quality Management Levels Within Air Zones (2022-2024)



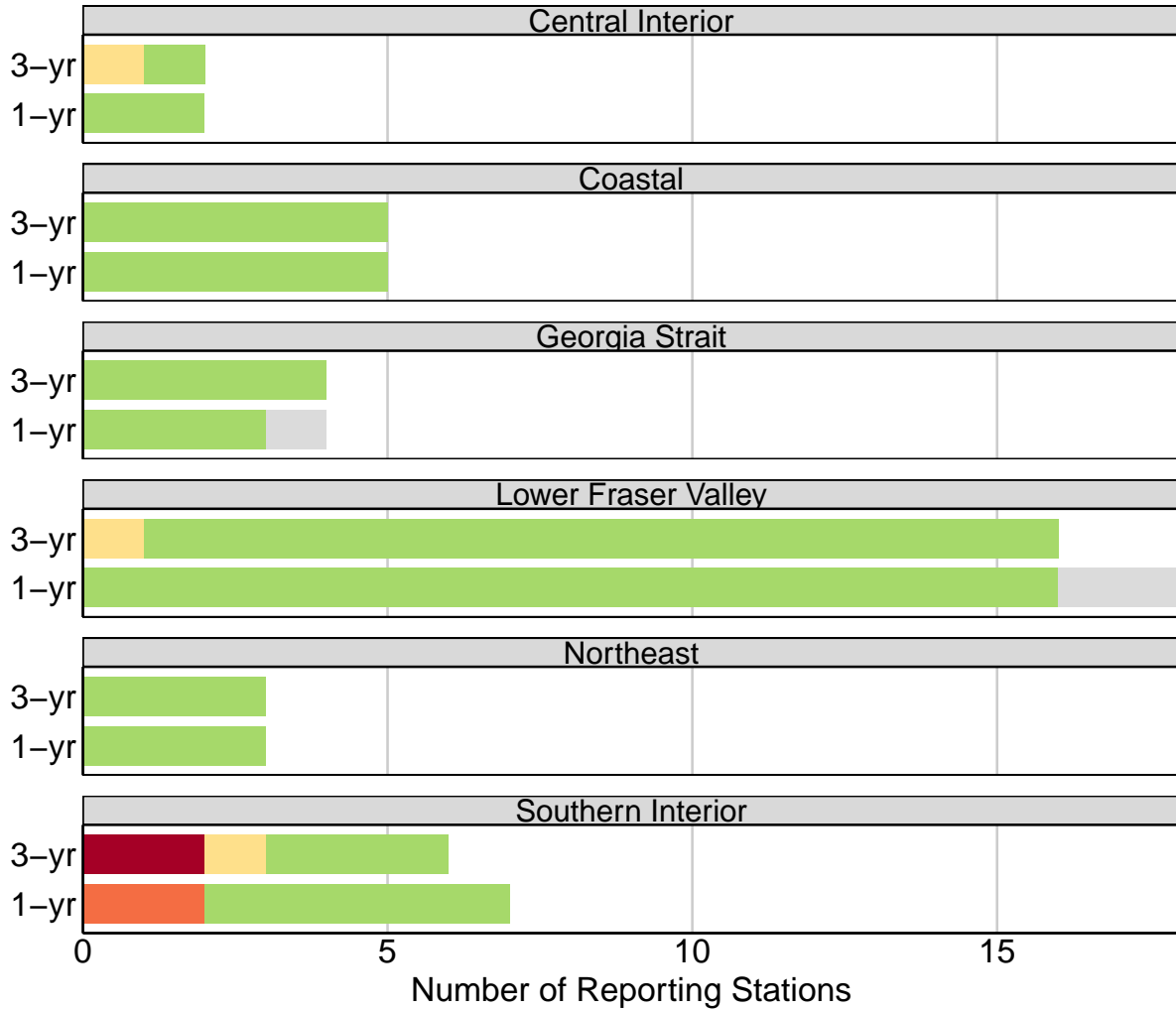
Air Zone Management Levels

- Actions for Achieving Air Zone CAAQS
- Actions for Preventing CAAQS Exceedance
- Actions for Preventing Air Quality Deterioration
- Actions for Keeping Clean Areas Clean
- Insufficient Data

**Air Quality Management Levels in B.C. Air Zones (2021-2023)**



## Station-Level Air Quality Management Levels Within Air Zones (2021-2023)



### Air Zone Management Levels

- Actions for Achieving Air Zone CAAQS
- Actions for Preventing CAAQS Exceedance
- Actions for Preventing Air Quality Deterioration
- Actions for Keeping Clean Areas Clean
- Insufficient Data

### Methods

The methods used to develop this indicator—including procedures, data requirements, and calculation of the Canadian Ambient Air Quality Standard sulphur dioxide metrics—are detailed in the [Guidance Document on Achievement Determination for Canadian Ambient Air Quality Standards for Sulphur Dioxide \(2020\)](#) published by the Canadian Council of Ministers of the Environment.

**R package and code:** We have developed an **R** package to facilitate the calculation of air quality metrics according

to the [Canadian Ambient Air Quality Standards](#). Download the 'rcaqs' package from [GitHub](#). The source code for repeating the analysis presented on this page is also available on [GitHub](#).

## References and Other Useful Links

- [Access B.C.'s real-time data on air pollutants and find locations of all provincial air monitoring stations in B.C.](#)
- [Air Pollutant Emissions Inventory Report 2026](#)
- [BC Lung Association's BC State of the Air Reports](#)
- [Canadian Ambient Air Quality Standards](#)
- [Canadian Council of Ministers of the Environment](#)
- [Canadian Environmental Sustainability Indicators: Air Indicators](#)
- [Canadian Smog Science Assessment: Highlights and Key Messages](#)
- [Guidance Document on Achievement Determination: Canadian Ambient Air Quality Standards for Sulphur Dioxide \(2020\)](#)
- [Guidance Document on Air Zone Management](#)
- [Health Canada](#)
- [Learn more about the implementation of the Air Quality Management System in British Columbia](#)
- [Read individual Air Zone reports](#) on the achievement of the Canadian Ambient Air Quality Standards in B.C.

## Data

\*By accessing these datasets, you agree to the licence associated with each file, as indicated in parentheses below.

- [Indicator data: BC Sulphur Dioxide Canadian Ambient Air Quality Standards 2022-2024 \(Open Government Licence - British Columbia\)](#)
- [BC SO<sub>2</sub> Hourly Data & Air Monitoring Station locations \(Open Government Licence - British Columbia\)](#)
- [BC Air Zones \(Open Government Licence - British Columbia\)](#)

Published and Available On-Line at Environmental Reporting BC: <http://www.env.gov.bc.ca/soe/indicators/air/so2.html>

Email correspondence to: [envreportbc@gov.bc.ca](mailto:envreportbc@gov.bc.ca)

*Suggested Citation:*

Environmental Reporting BC. 2026. Status of Sulphur Dioxide in B.C. (2021-2023 & 2022-2024). State of Environment Reporting, Ministry of Environment and Parks, British Columbia, Canada.

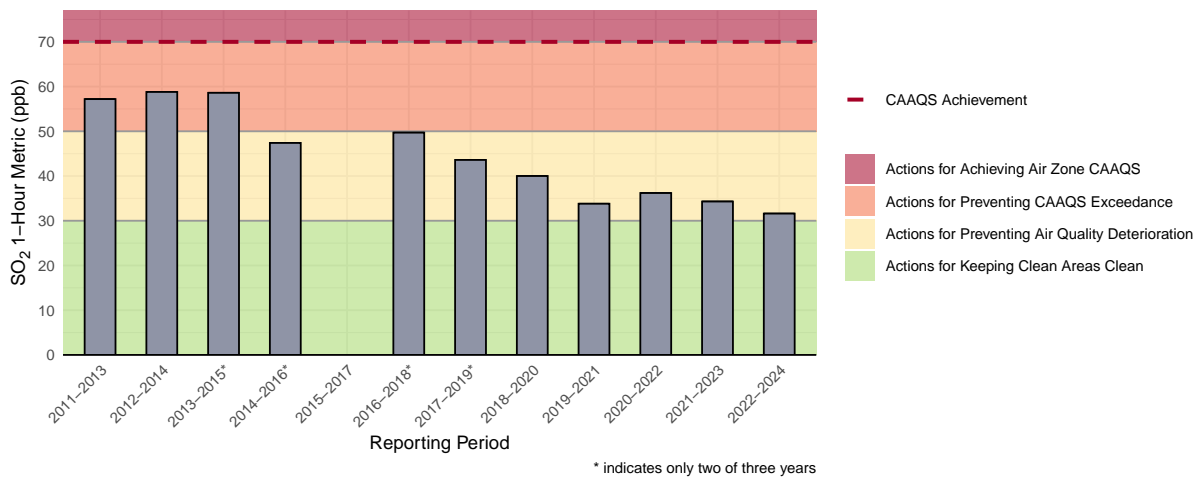
## Appendix: Detailed sulphur dioxide Canadian Ambient Air Quality Standard results for each monitoring station within air zones in B.C.

**Air Zone:** Central Interior

**Monitoring Station:** Prince George Plaza 400

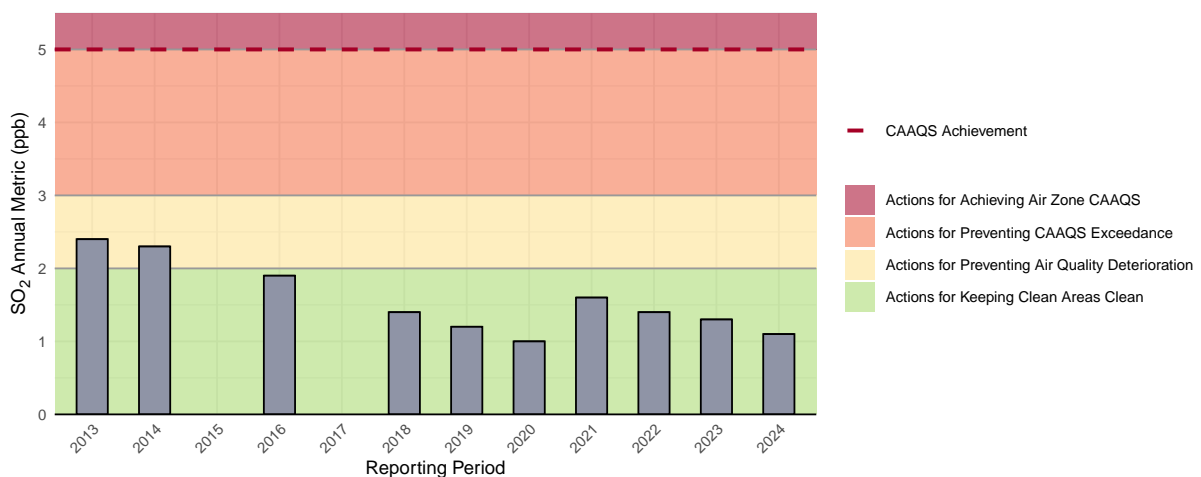
**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved

**SO<sub>2</sub> 1-hour Metric:** 31.6ppb (3 year average)



**SO<sub>2</sub> Annual Air Quality Standard:** Achieved

**SO<sub>2</sub> Annual Metric:** 1.1ppb (1 year average)

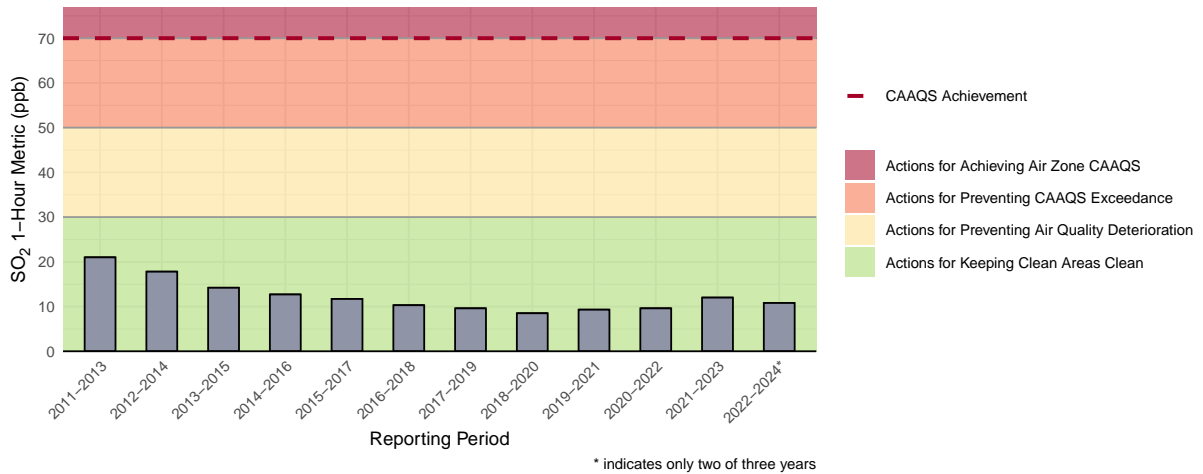


**Air Zone:** Central Interior

**Monitoring Station:** Quesnel

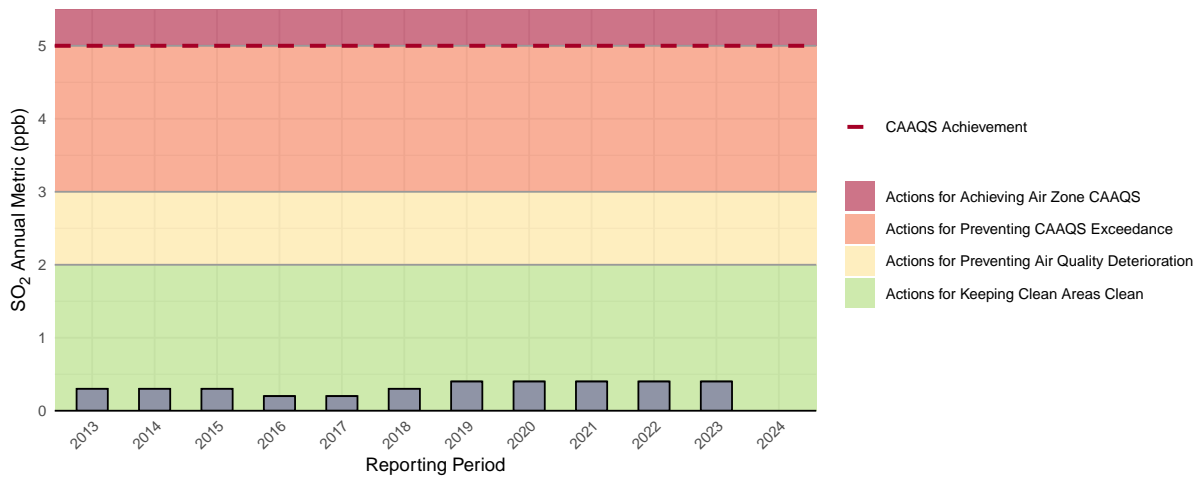
**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved

**SO<sub>2</sub> 1-hour Metric:** 10.8ppb (2 year average)



**SO<sub>2</sub> Annual Air Quality Standard:** Insufficient Data

**SO<sub>2</sub> Annual Metric:** Unknown

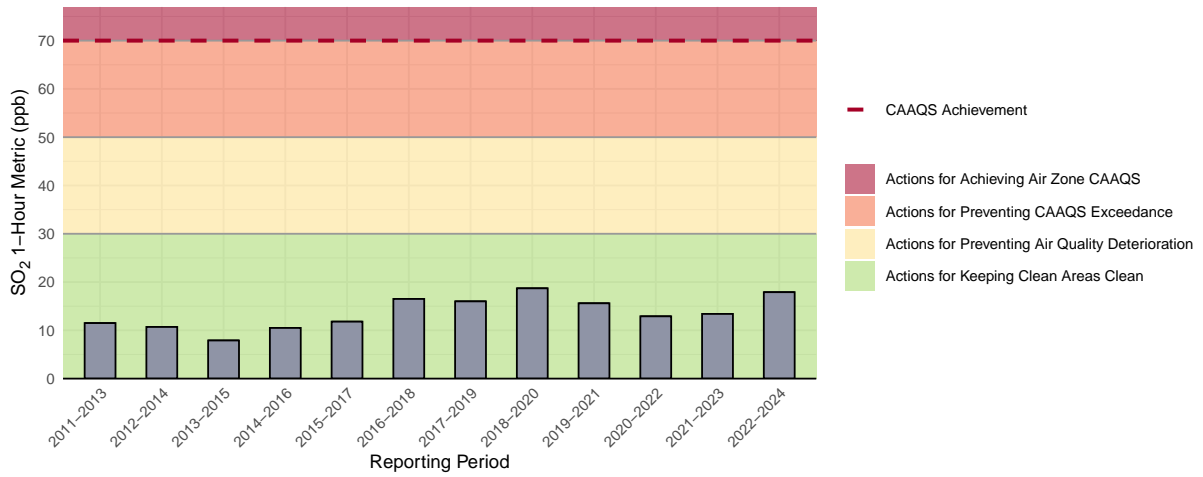


**Air Zone:** Coastal

**Monitoring Station:** Kitimat Haisla Village

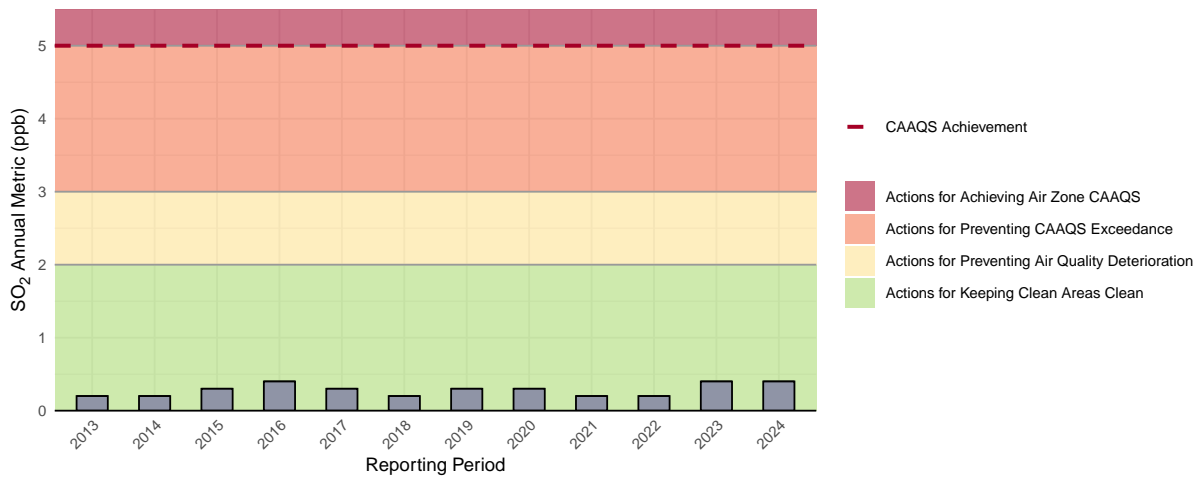
**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved

**SO<sub>2</sub> 1-hour Metric:** 17.9ppb (3 year average)



**SO<sub>2</sub> Annual Air Quality Standard:** Achieved

**SO<sub>2</sub> Annual Metric:** 0.4ppb (1 year average)

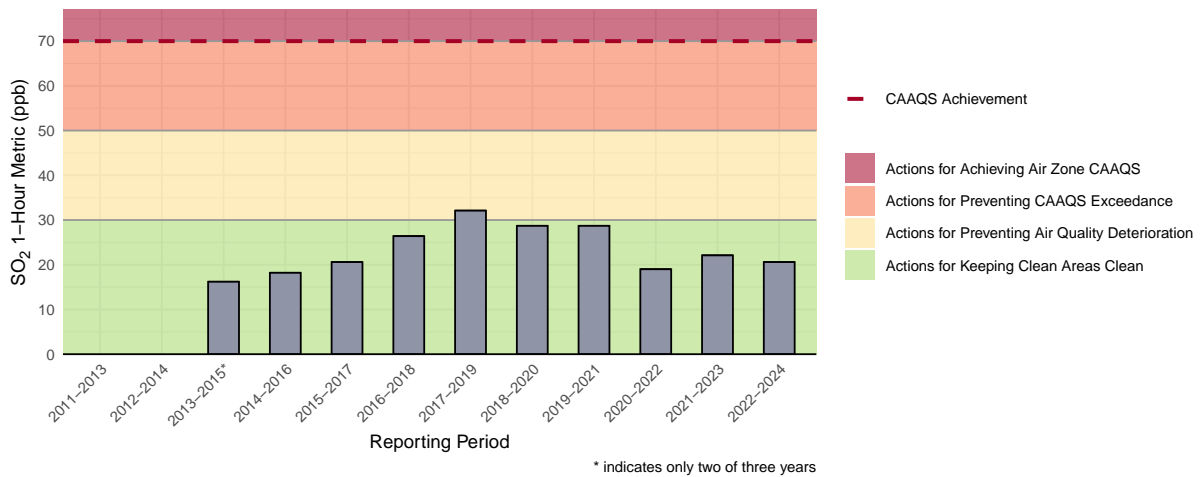


**Air Zone:** Coastal

**Monitoring Station:** Kitimat Riverlodge

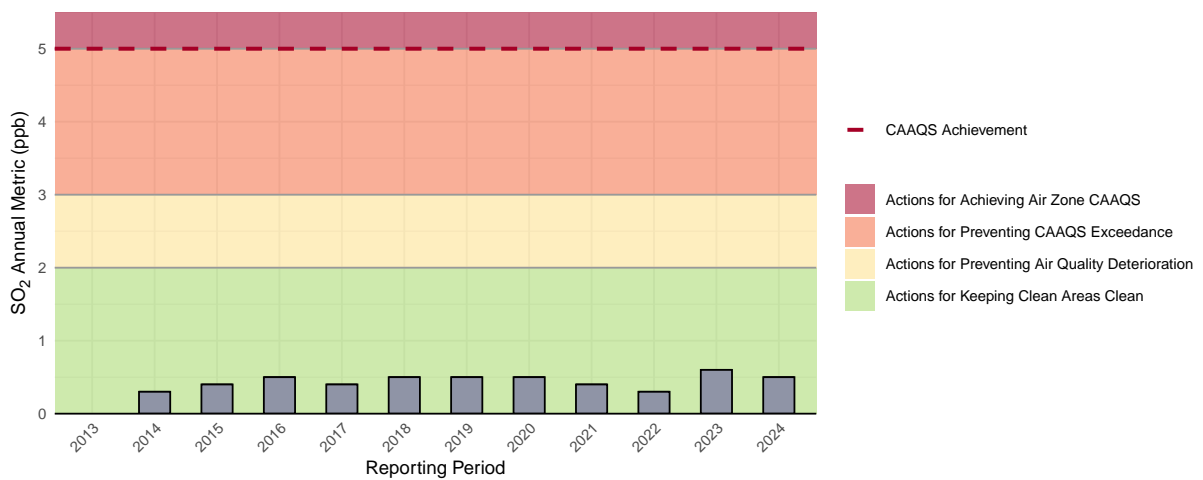
**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved

**SO<sub>2</sub> 1-hour Metric:** 20.6ppb (3 year average)



**SO<sub>2</sub> Annual Air Quality Standard:** Achieved

**SO<sub>2</sub> Annual Metric:** 0.5ppb (1 year average)

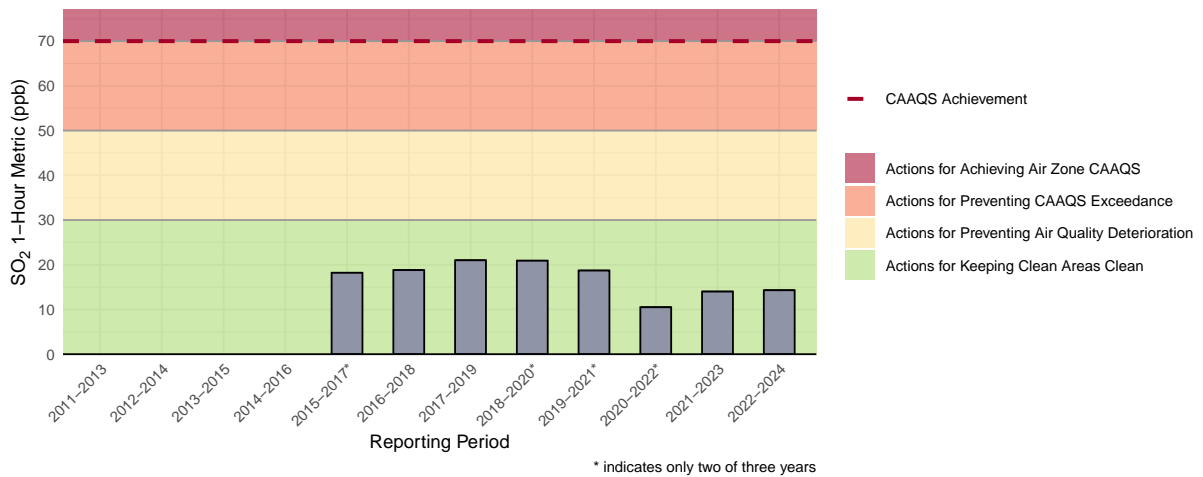


**Air Zone:** Coastal

**Monitoring Station:** Kitimat Whitesail

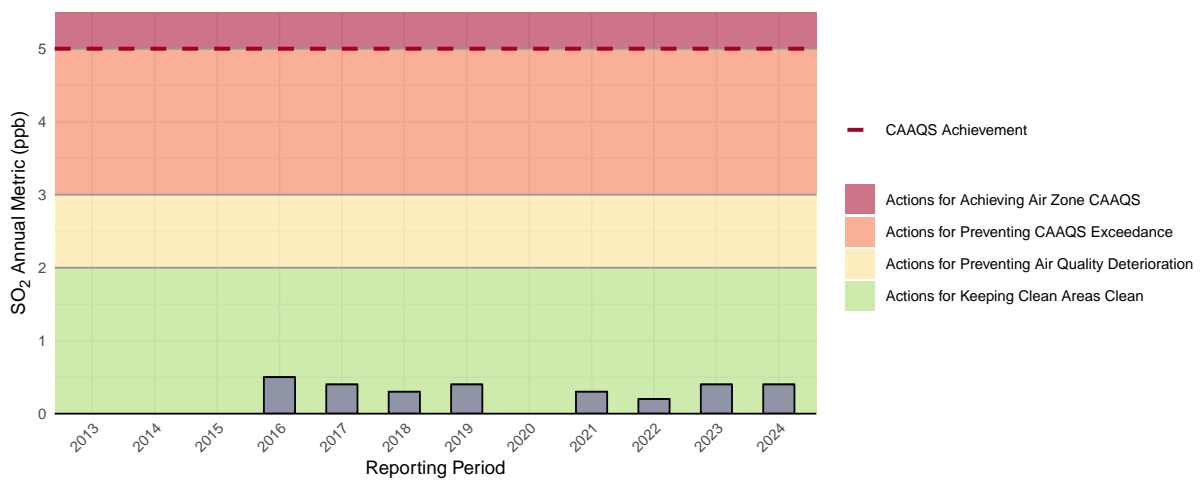
**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved

**SO<sub>2</sub> 1-hour Metric:** 14.3ppb (3 year average)



**SO<sub>2</sub> Annual Air Quality Standard:** Achieved

**SO<sub>2</sub> Annual Metric:** 0.4ppb (1 year average)

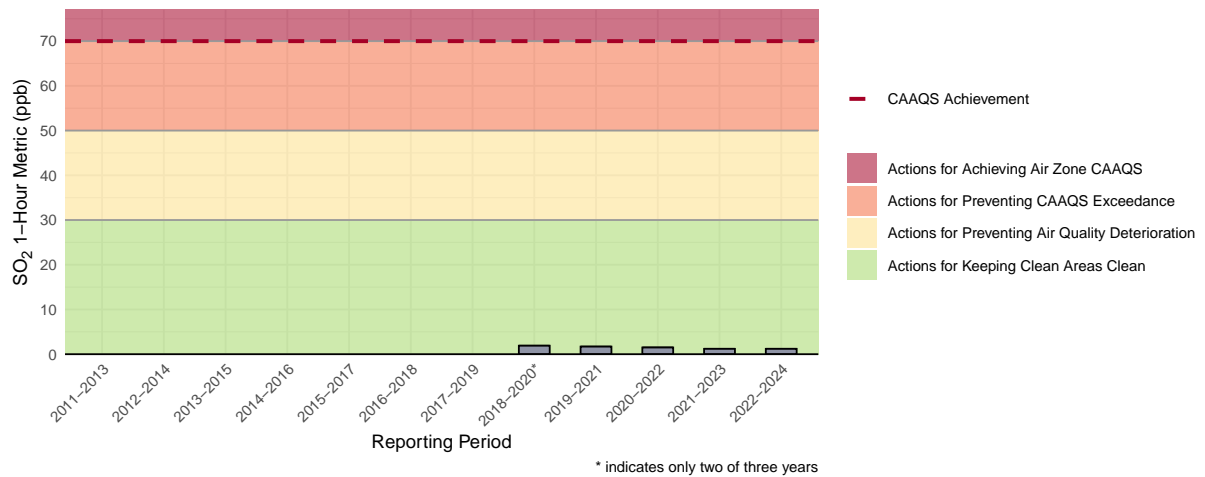


**Air Zone:** Coastal

**Monitoring Station:** Prince Rupert Fairview

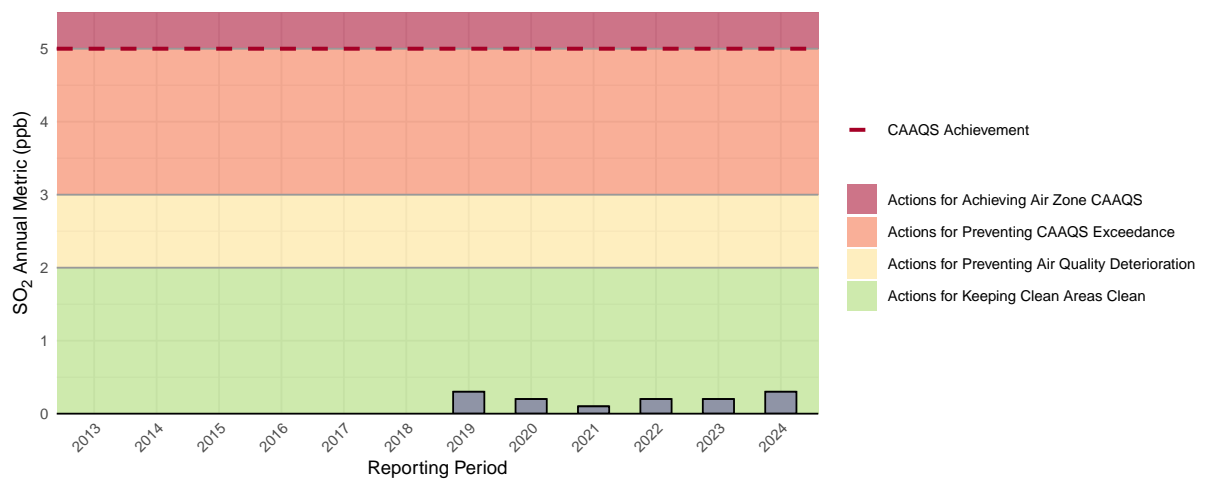
**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved

**SO<sub>2</sub> 1-hour Metric:** 1.2ppb (3 year average)



**SO<sub>2</sub> Annual Air Quality Standard:** Achieved

**SO<sub>2</sub> Annual Metric:** 0.3ppb (1 year average)

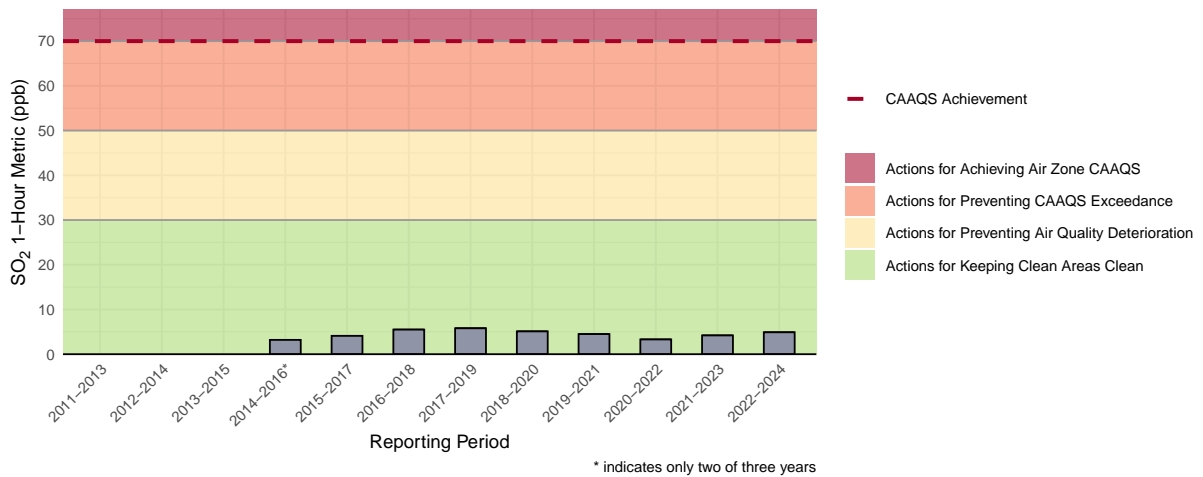


**Air Zone:** Coastal

**Monitoring Station:** Terrace Skeena Middle School

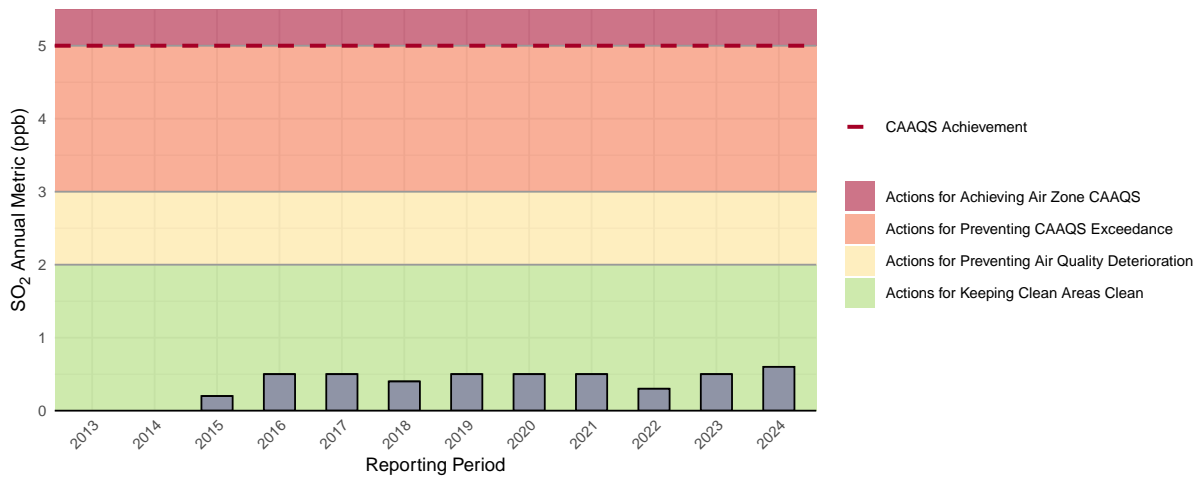
**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved

**SO<sub>2</sub> 1-hour Metric:** 4.9ppb (3 year average)



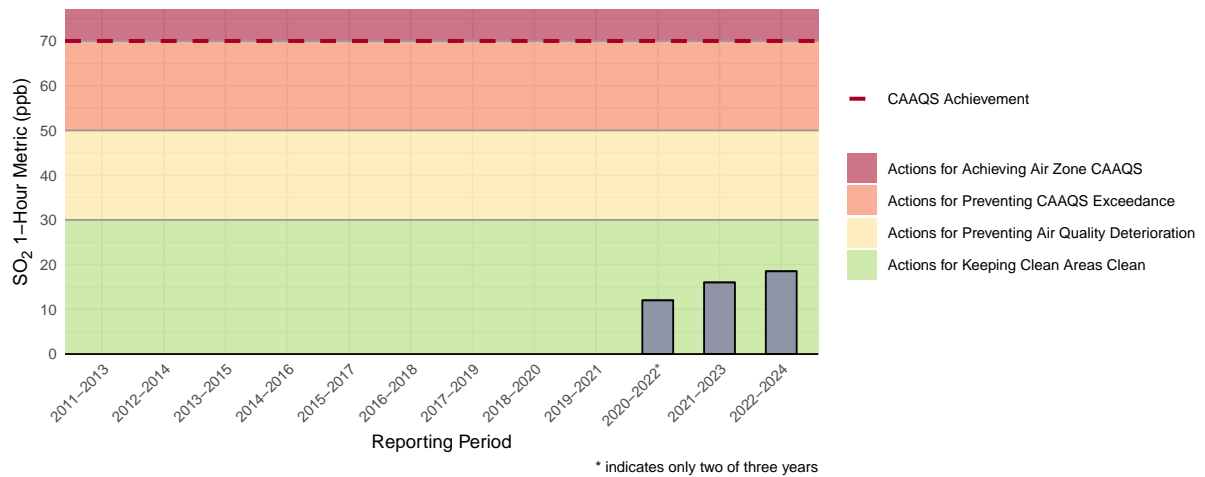
**SO<sub>2</sub> Annual Air Quality Standard:** Achieved

**SO<sub>2</sub> Annual Metric:** 0.6ppb (1 year average)

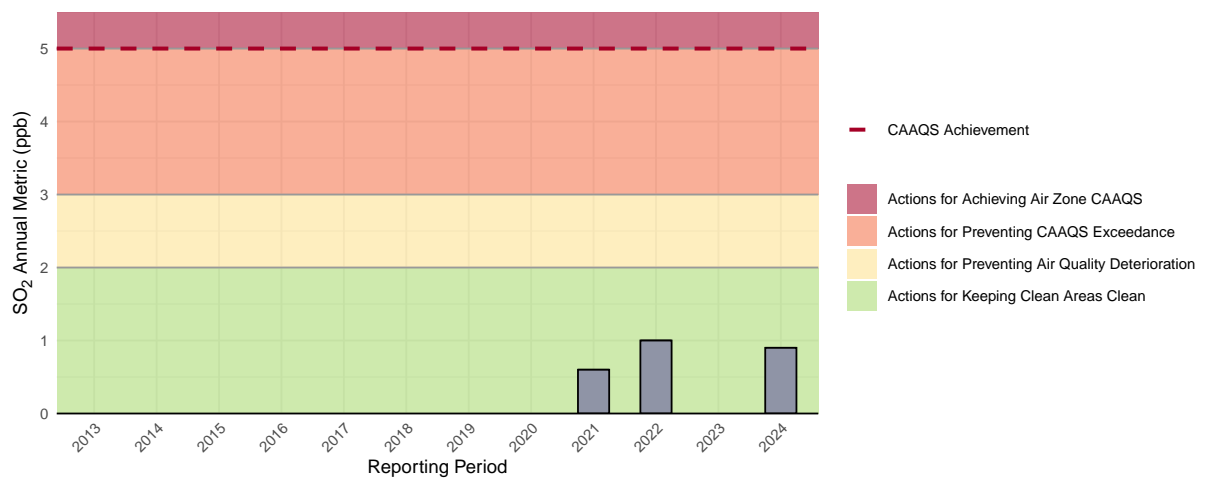


**Air Zone:** Georgia Strait  
**Monitoring Station:** Crofton Elementary

**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved  
**SO<sub>2</sub> 1-hour Metric:** 18.5ppb (3 year average)



**SO<sub>2</sub> Annual Air Quality Standard:** Achieved  
**SO<sub>2</sub> Annual Metric:** 0.9ppb (1 year average)

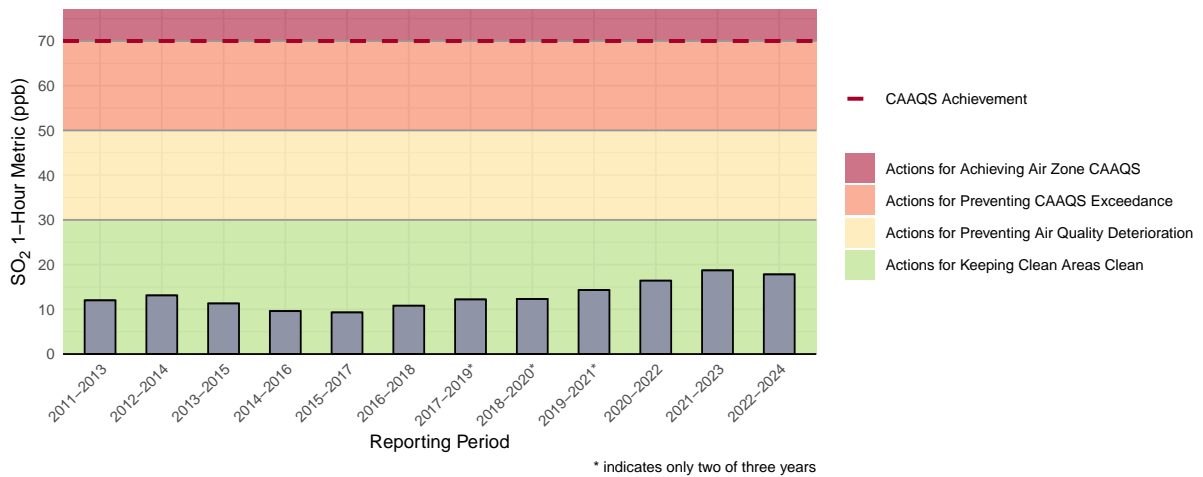


**Air Zone:** Georgia Strait

**Monitoring Station:** Langdale Elementary

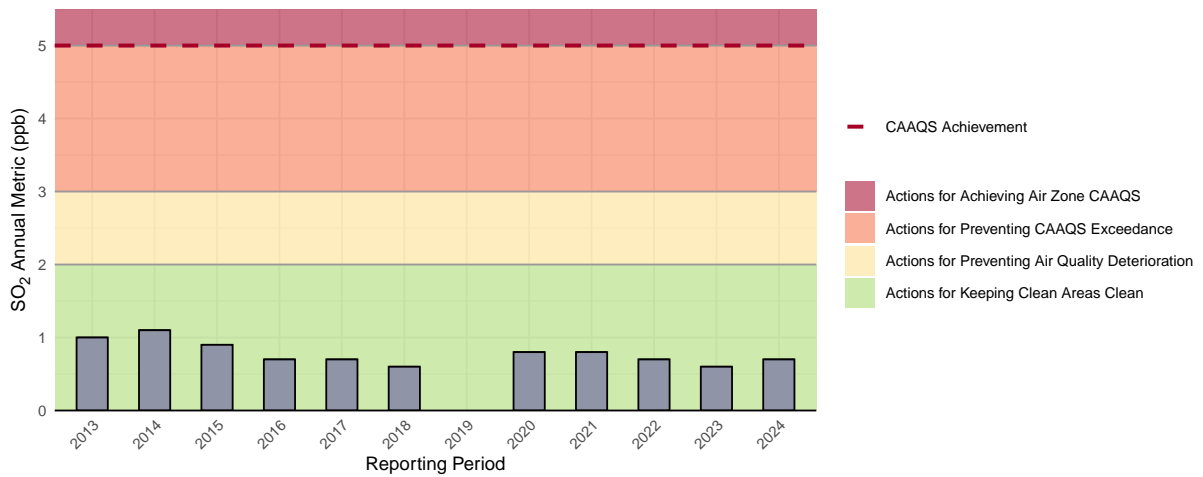
**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved

**SO<sub>2</sub> 1-hour Metric:** 17.8ppb (3 year average)



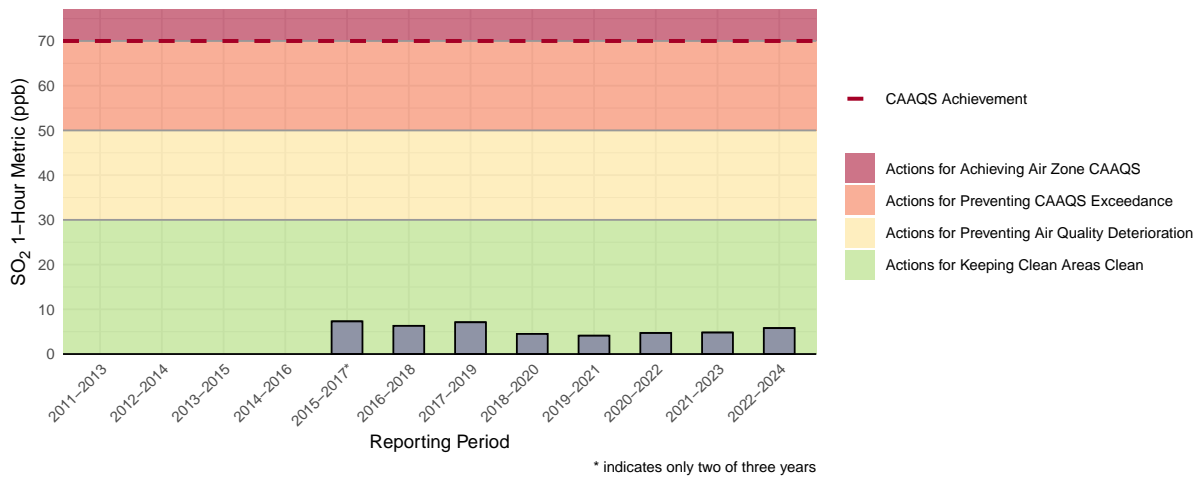
**SO<sub>2</sub> Annual Air Quality Standard:** Achieved

**SO<sub>2</sub> Annual Metric:** 0.7ppb (1 year average)

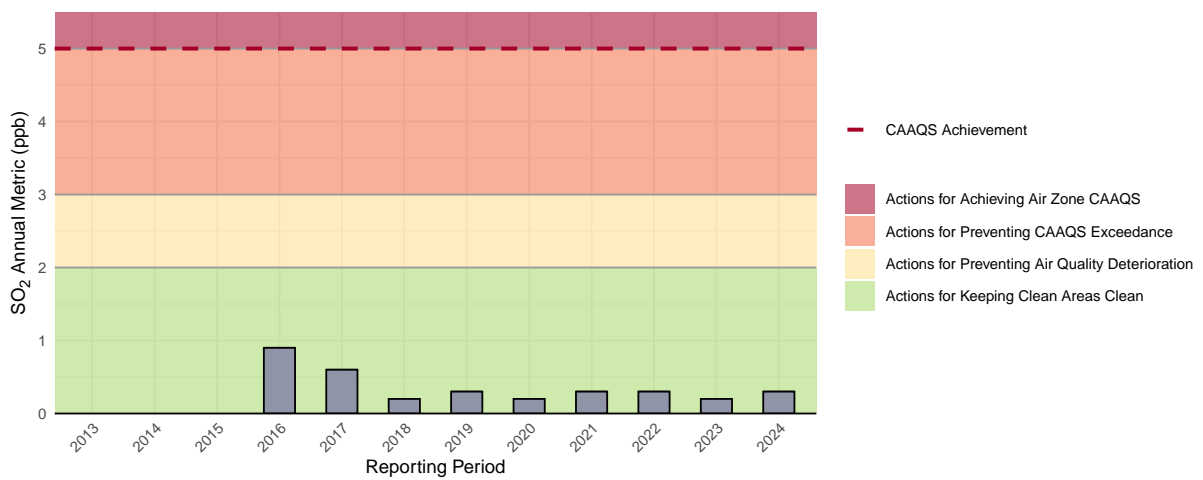


**Air Zone:** Georgia Strait  
**Monitoring Station:** Squamish Elementary

**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved  
**SO<sub>2</sub> 1-hour Metric:** 5.8ppb (3 year average)



**SO<sub>2</sub> Annual Air Quality Standard:** Achieved  
**SO<sub>2</sub> Annual Metric:** 0.3ppb (1 year average)

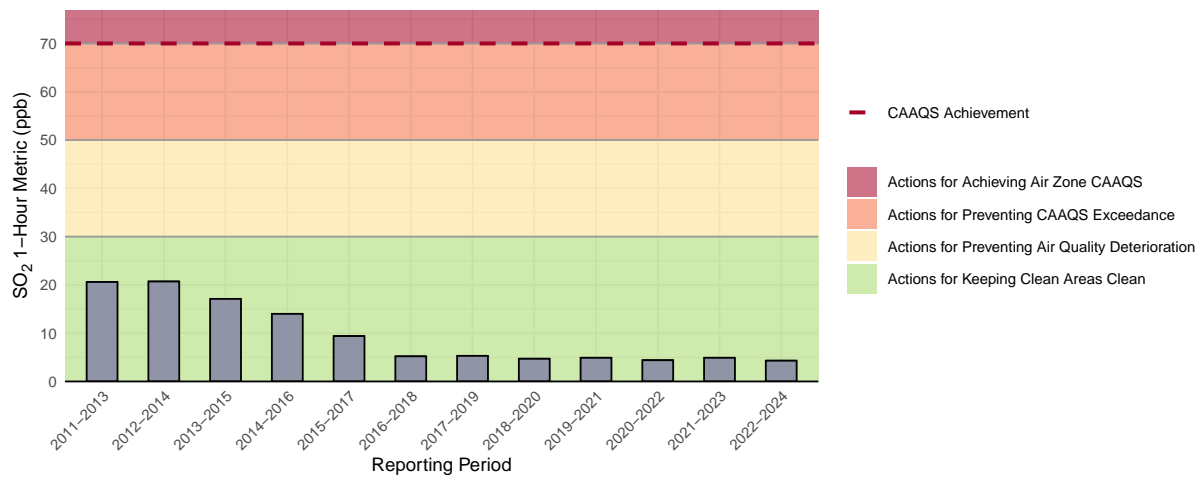


**Air Zone:** Georgia Strait

**Monitoring Station:** Victoria Topaz

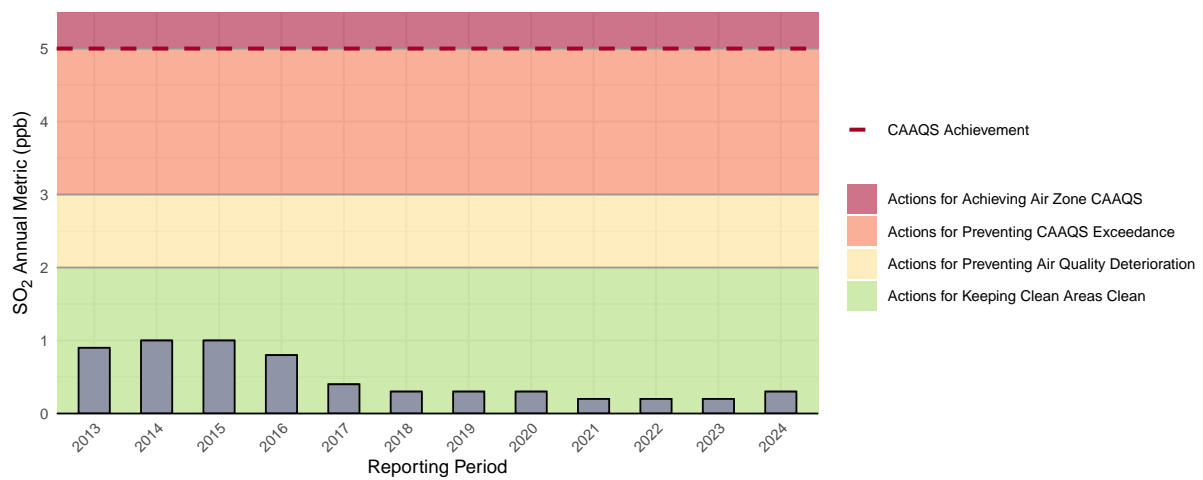
**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved

**SO<sub>2</sub> 1-hour Metric:** 4.3ppb (3 year average)



**SO<sub>2</sub> Annual Air Quality Standard:** Achieved

**SO<sub>2</sub> Annual Metric:** 0.3ppb (1 year average)

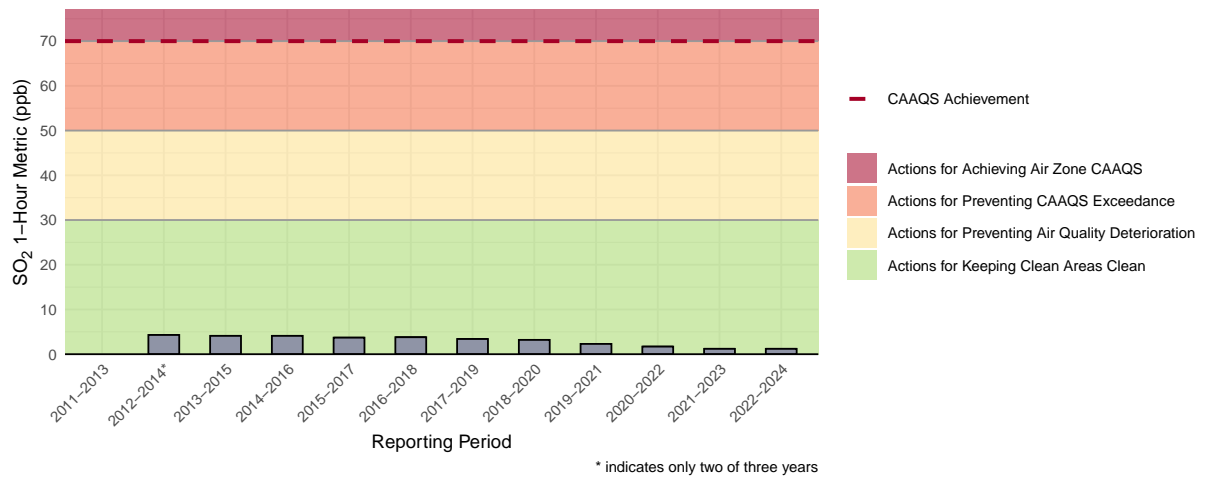


**Air Zone:** Lower Fraser Valley

**Monitoring Station:** Abbotsford A Columbia Street

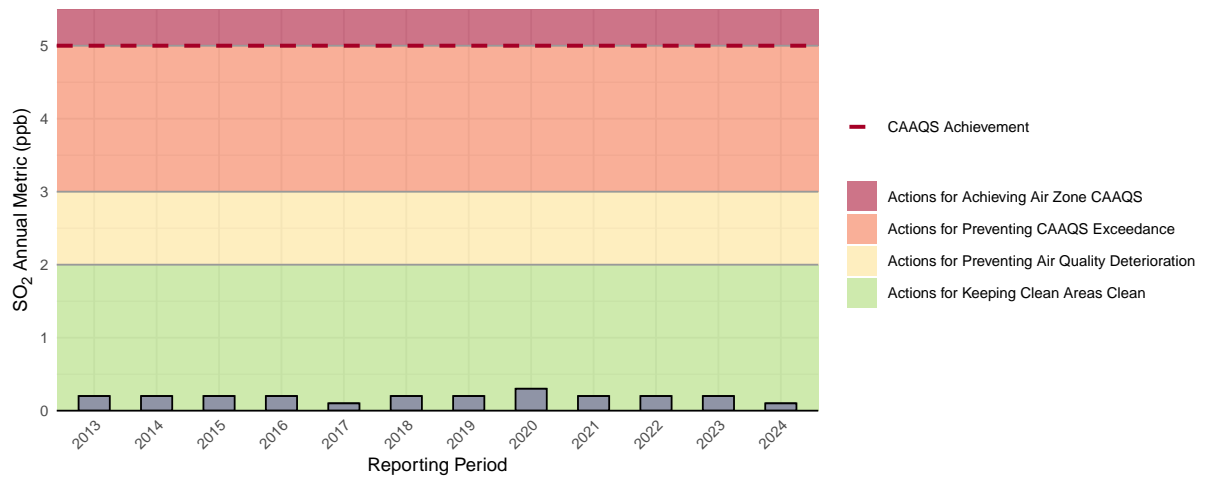
**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved

**SO<sub>2</sub> 1-hour Metric:** 1.2ppb (3 year average)



**SO<sub>2</sub> Annual Air Quality Standard:** Achieved

**SO<sub>2</sub> Annual Metric:** 0.1ppb (1 year average)

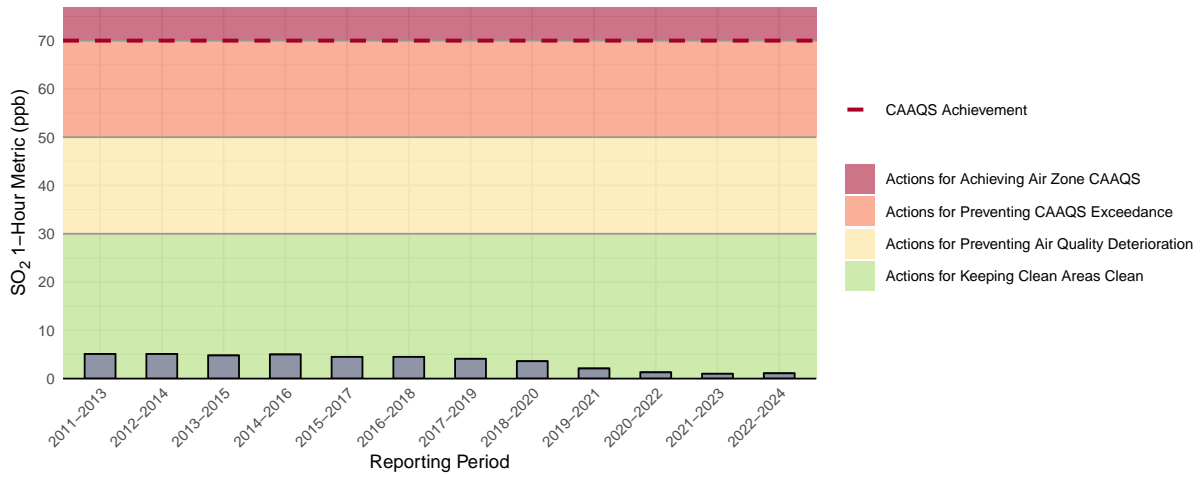


**Air Zone:** Lower Fraser Valley

**Monitoring Station:** Abbotsford Central

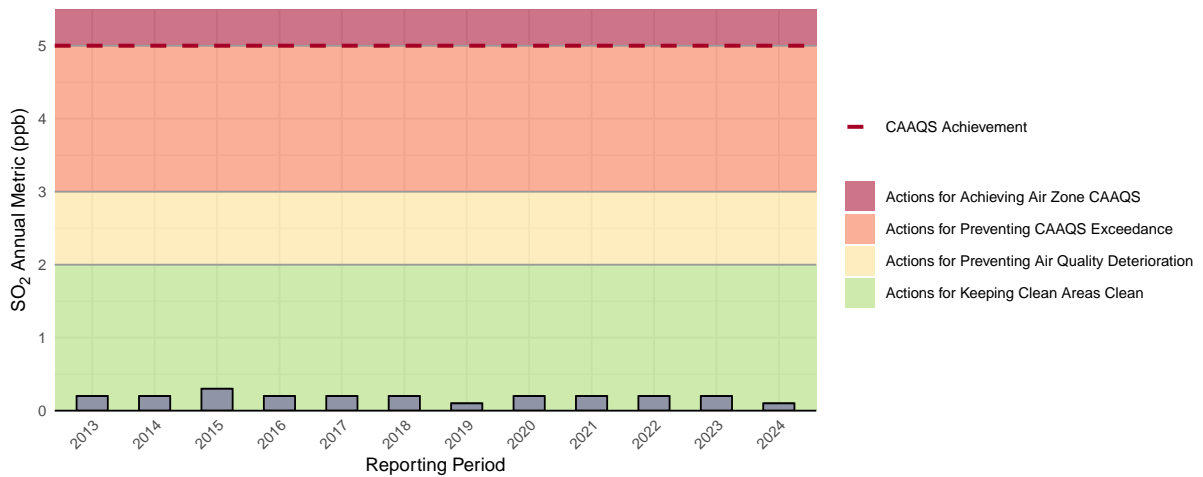
**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved

**SO<sub>2</sub> 1-hour Metric:** 1.1ppb (3 year average)



**SO<sub>2</sub> Annual Air Quality Standard:** Achieved

**SO<sub>2</sub> Annual Metric:** 0.1ppb (1 year average)

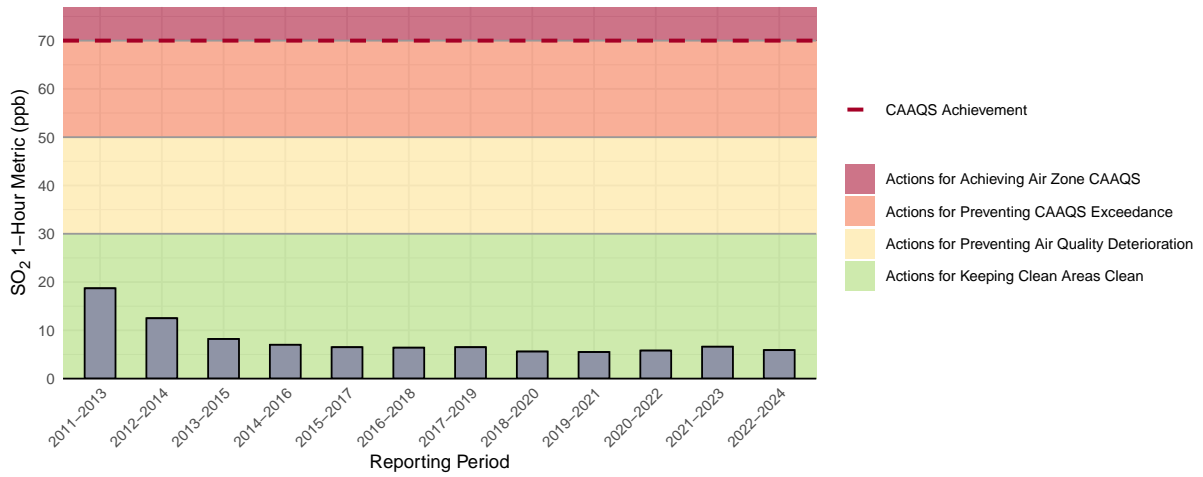


**Air Zone:** Lower Fraser Valley

**Monitoring Station:** Burnaby Kensington Park

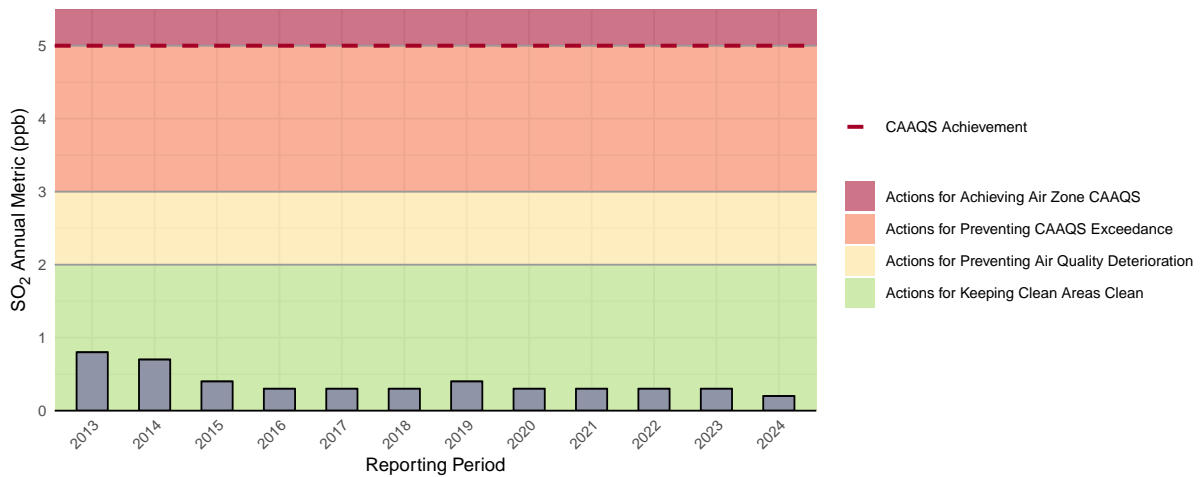
**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved

**SO<sub>2</sub> 1-hour Metric:** 5.9ppb (3 year average)



**SO<sub>2</sub> Annual Air Quality Standard:** Achieved

**SO<sub>2</sub> Annual Metric:** 0.2ppb (1 year average)

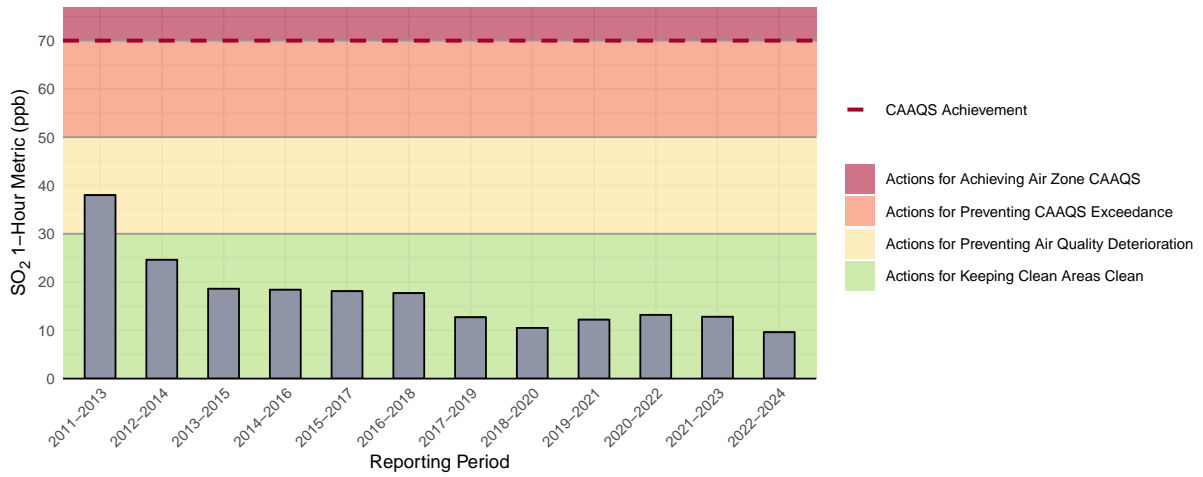


**Air Zone:** Lower Fraser Valley

**Monitoring Station:** Burnaby North Eton

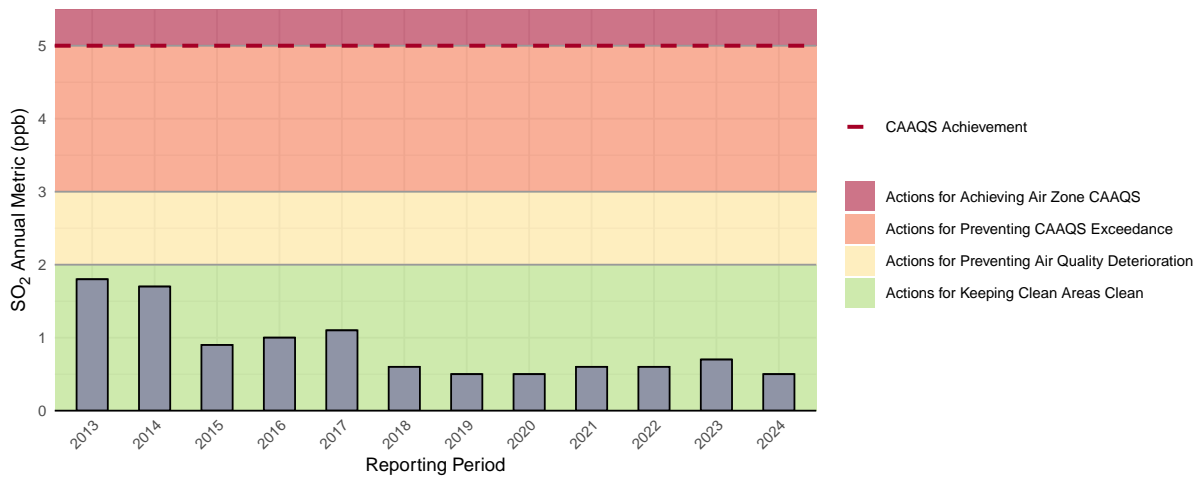
**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved

**SO<sub>2</sub> 1-hour Metric:** 9.6ppb (3 year average)



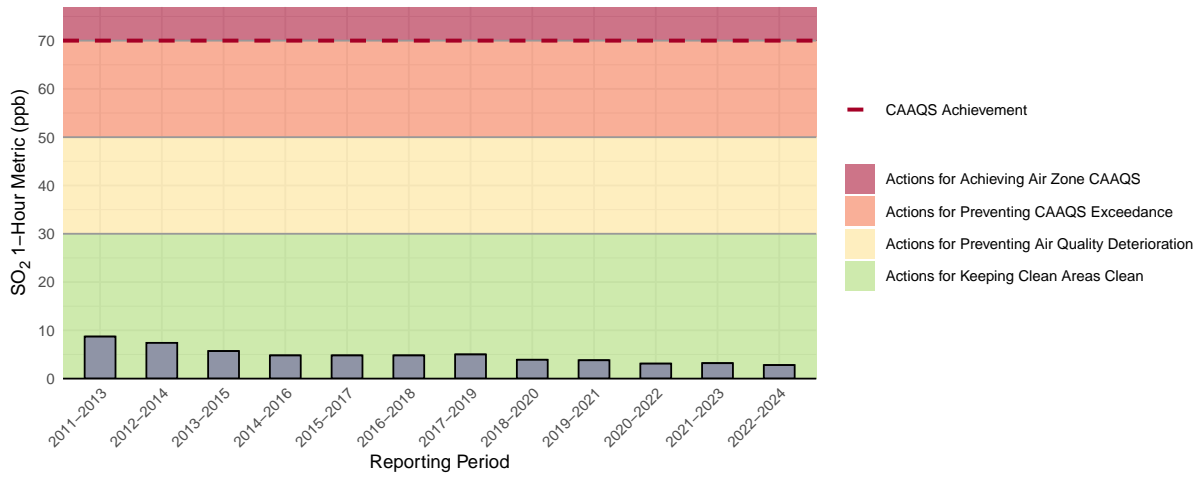
**SO<sub>2</sub> Annual Air Quality Standard:** Achieved

**SO<sub>2</sub> Annual Metric:** 0.5ppb (1 year average)

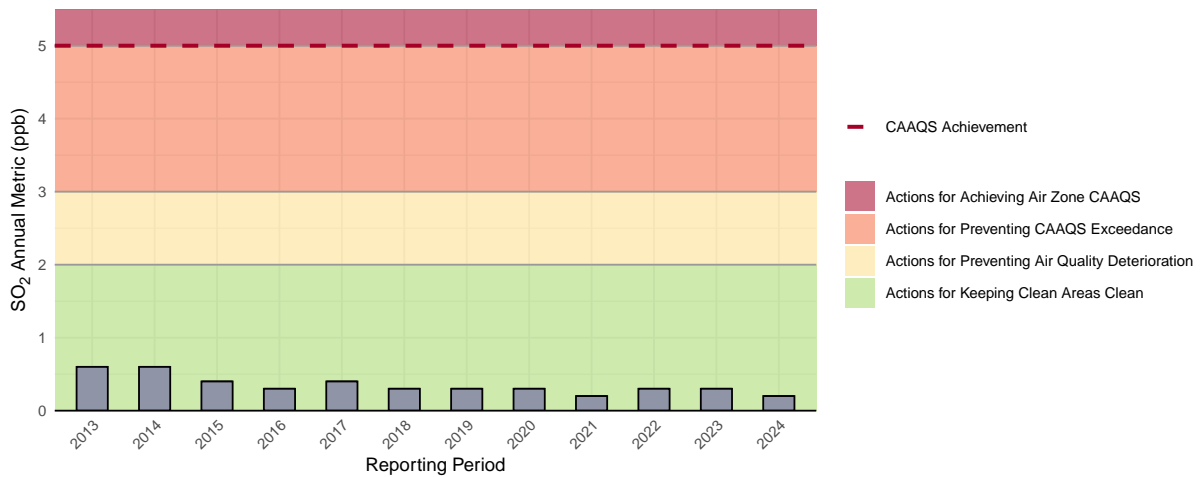


**Air Zone:** Lower Fraser Valley  
**Monitoring Station:** Burnaby South

**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved  
**SO<sub>2</sub> 1-hour Metric:** 2.8ppb (3 year average)



**SO<sub>2</sub> Annual Air Quality Standard:** Achieved  
**SO<sub>2</sub> Annual Metric:** 0.2ppb (1 year average)

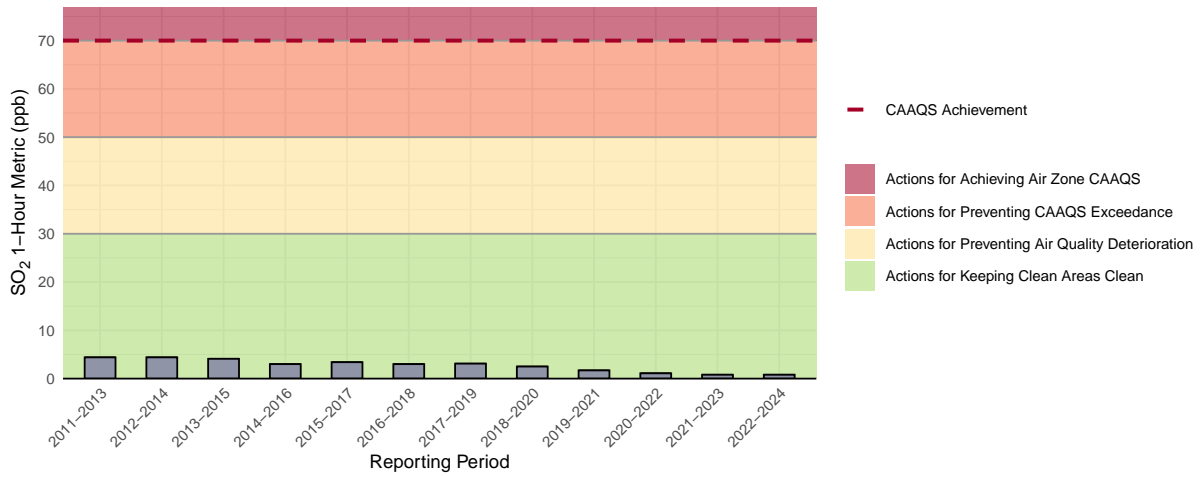


**Air Zone:** Lower Fraser Valley

**Monitoring Station:** Chilliwack Airport

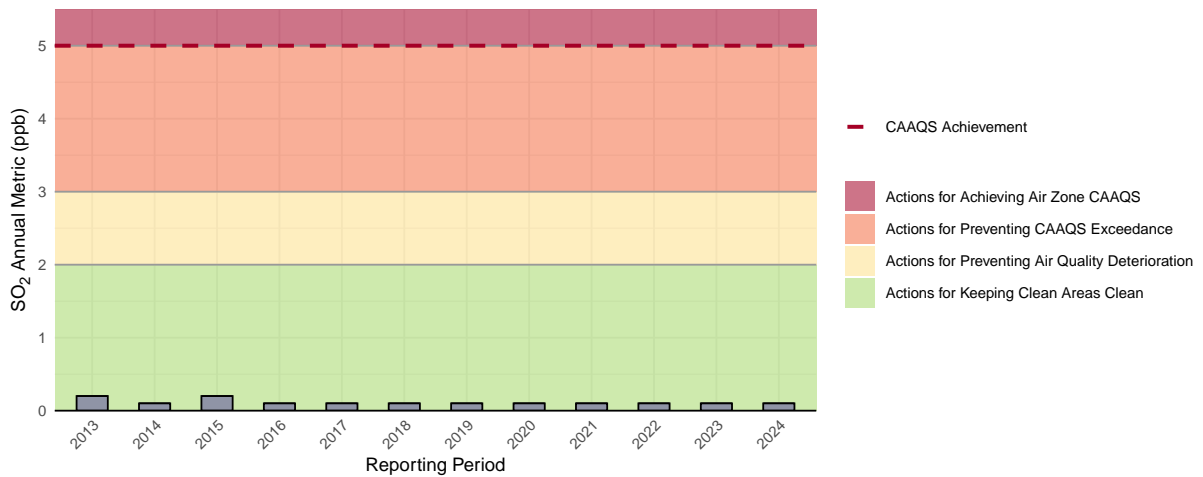
**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved

**SO<sub>2</sub> 1-hour Metric:** 0.8ppb (3 year average)



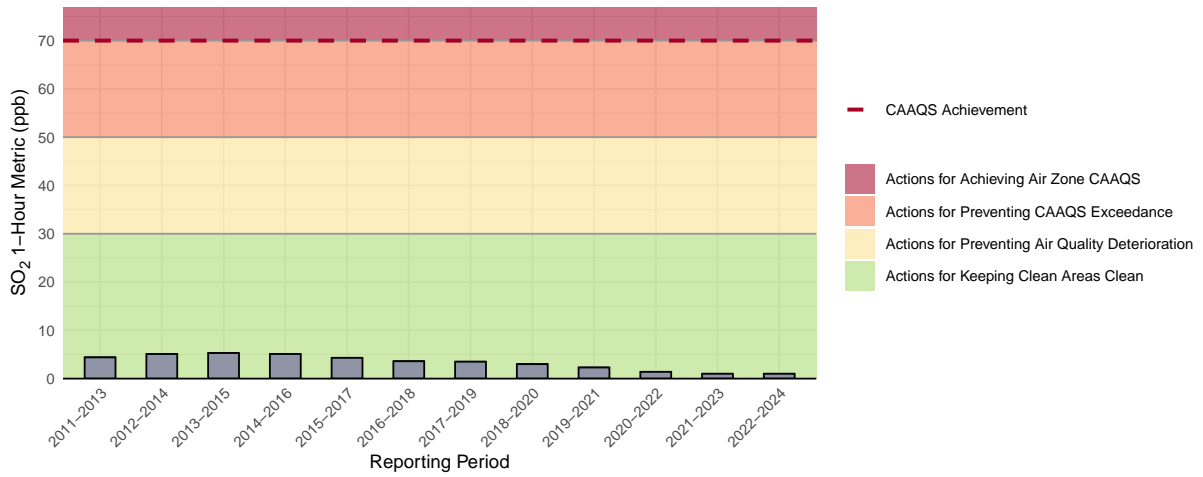
**SO<sub>2</sub> Annual Air Quality Standard:** Achieved

**SO<sub>2</sub> Annual Metric:** 0.1ppb (1 year average)

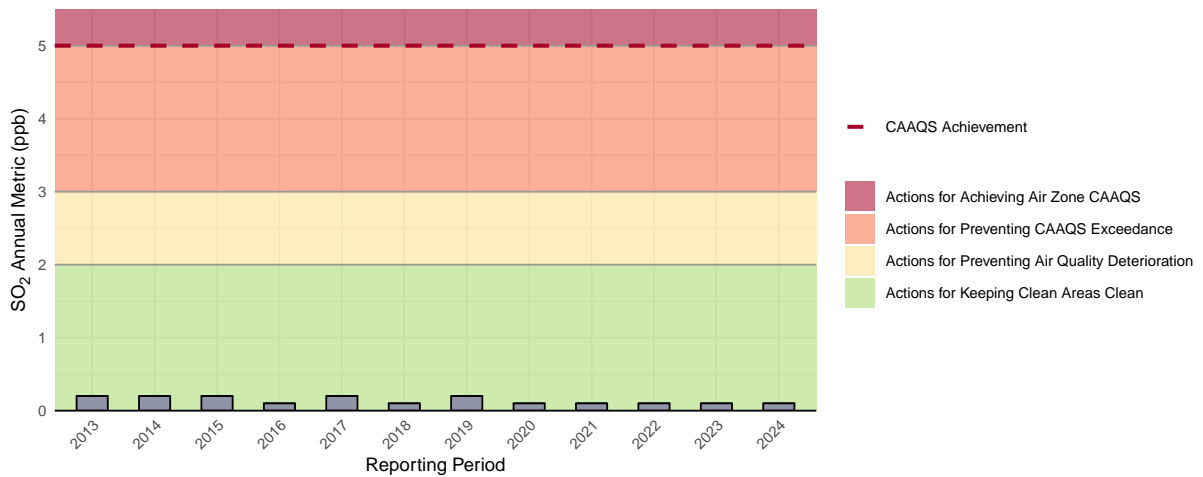


**Air Zone:** Lower Fraser Valley  
**Monitoring Station:** Langley Central

**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved  
**SO<sub>2</sub> 1-hour Metric:** 1ppb (3 year average)



**SO<sub>2</sub> Annual Air Quality Standard:** Achieved  
**SO<sub>2</sub> Annual Metric:** 0.1ppb (1 year average)

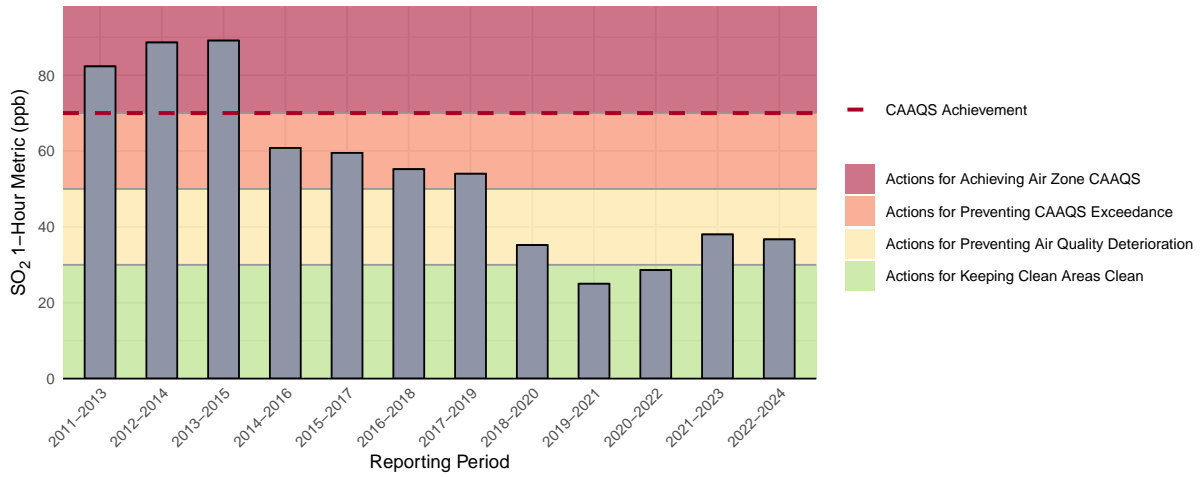


**Air Zone:** Lower Fraser Valley

**Monitoring Station:** North Burnaby Capitol Hill

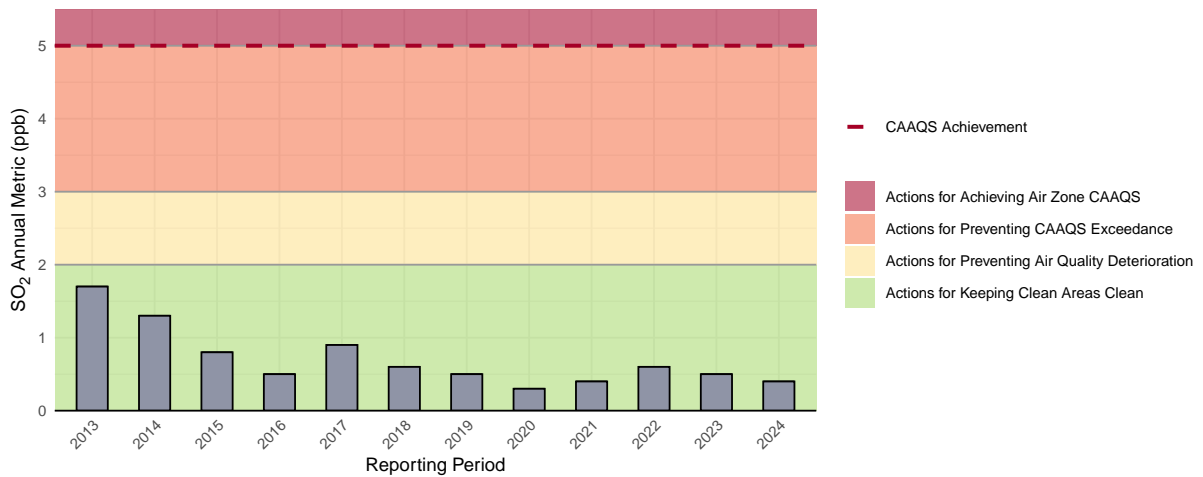
**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved

**SO<sub>2</sub> 1-hour Metric:** 36.7ppb (3 year average)



**SO<sub>2</sub> Annual Air Quality Standard:** Achieved

**SO<sub>2</sub> Annual Metric:** 0.4ppb (1 year average)

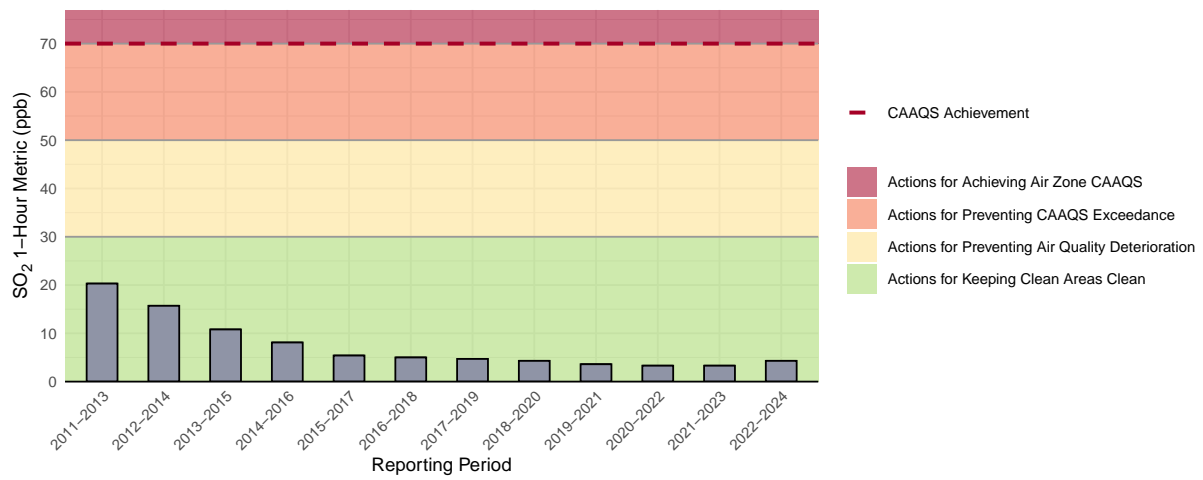


**Air Zone:** Lower Fraser Valley

**Monitoring Station:** North Vancouver Mahon Park

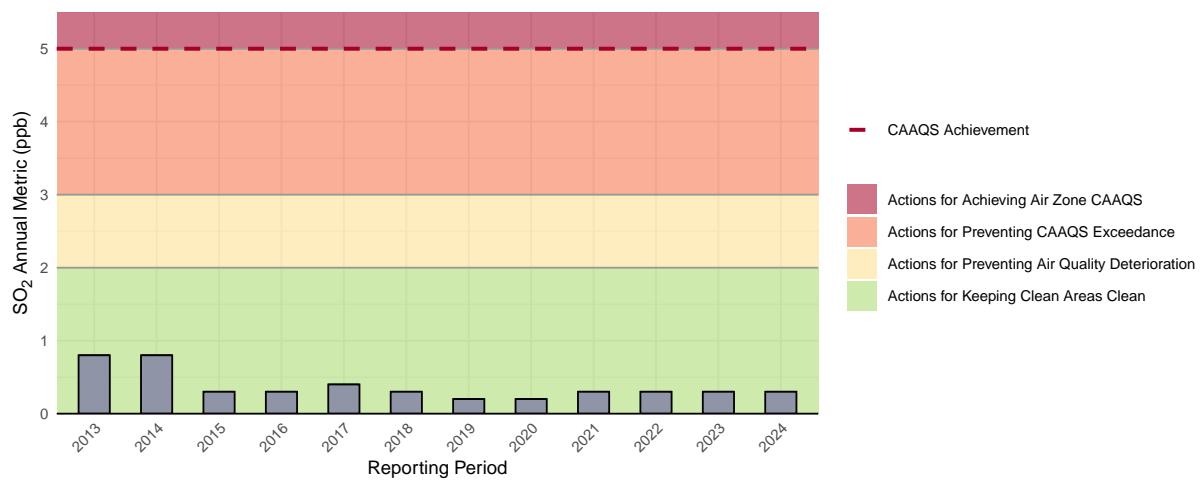
**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved

**SO<sub>2</sub> 1-hour Metric:** 4.3ppb (3 year average)



**SO<sub>2</sub> Annual Air Quality Standard:** Achieved

**SO<sub>2</sub> Annual Metric:** 0.3ppb (1 year average)

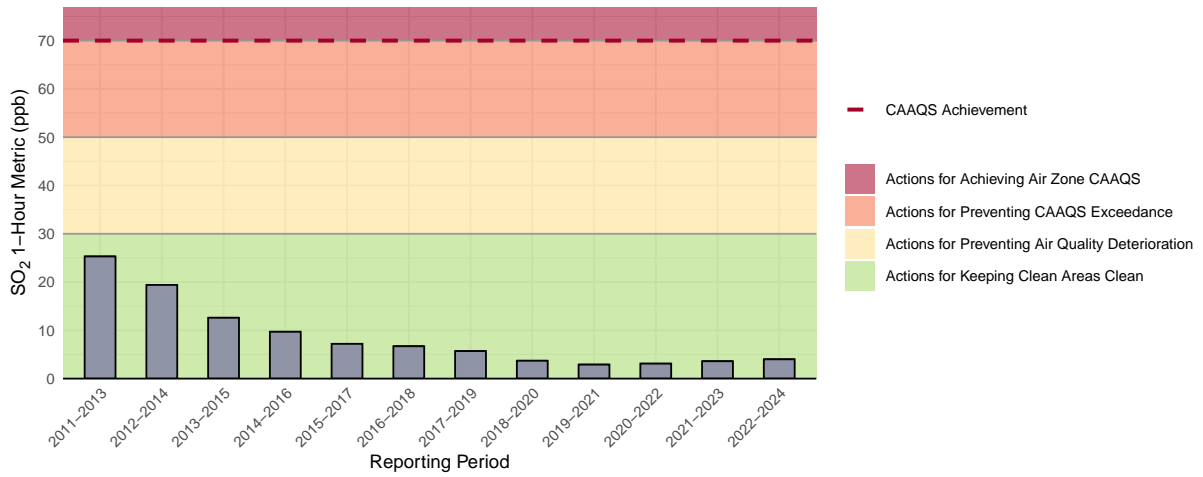


**Air Zone:** Lower Fraser Valley

**Monitoring Station:** North Vancouver Second Narrows

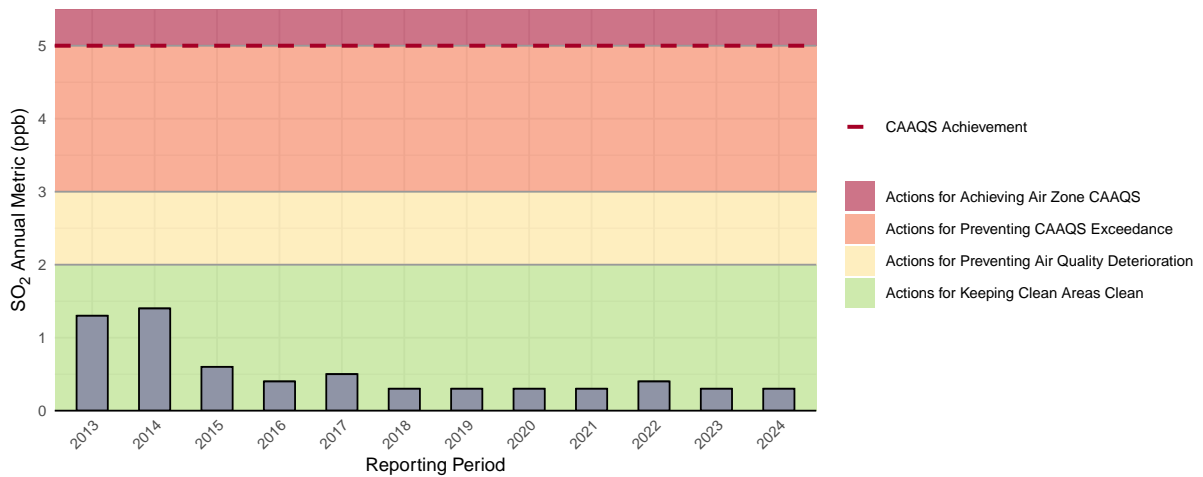
**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved

**SO<sub>2</sub> 1-hour Metric:** 4ppb (3 year average)



**SO<sub>2</sub> Annual Air Quality Standard:** Achieved

**SO<sub>2</sub> Annual Metric:** 0.3ppb (1 year average)

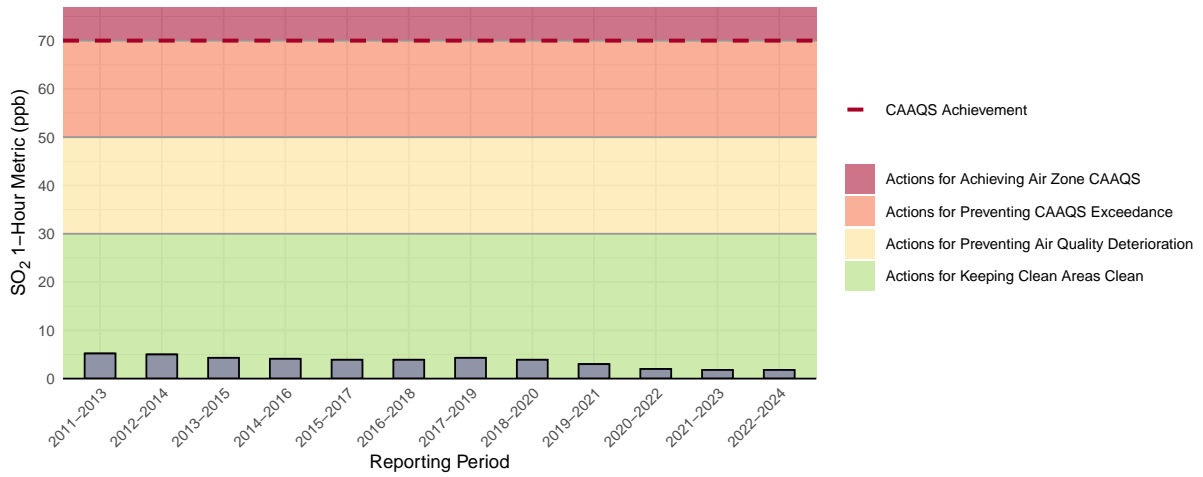


**Air Zone:** Lower Fraser Valley

**Monitoring Station:** Pitt Meadows Meadowlands School

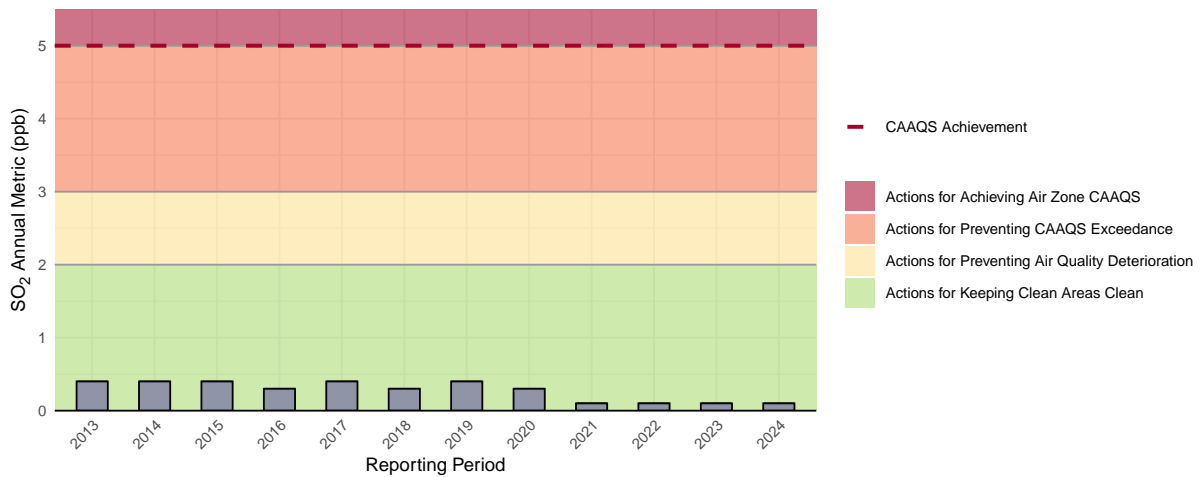
**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved

**SO<sub>2</sub> 1-hour Metric:** 1.8ppb (3 year average)



**SO<sub>2</sub> Annual Air Quality Standard:** Achieved

**SO<sub>2</sub> Annual Metric:** 0.1ppb (1 year average)

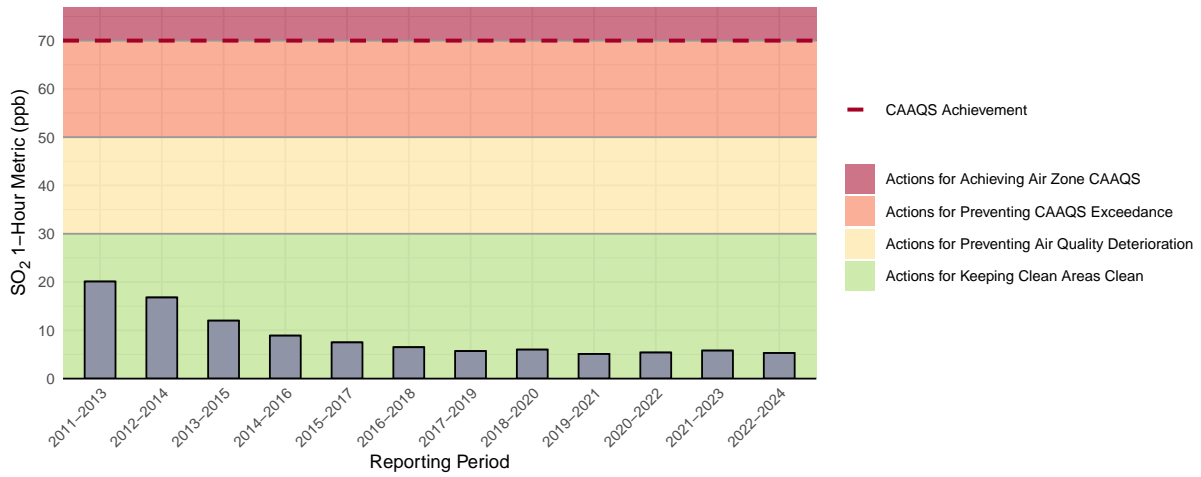


**Air Zone:** Lower Fraser Valley

**Monitoring Station:** Port Moody Rocky Point Park

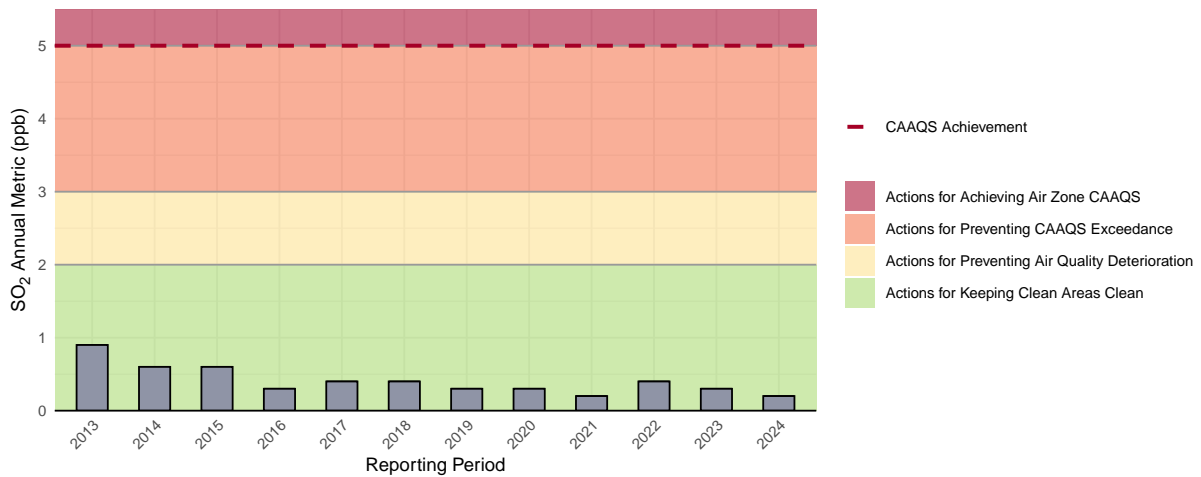
**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved

**SO<sub>2</sub> 1-hour Metric:** 5.3ppb (3 year average)



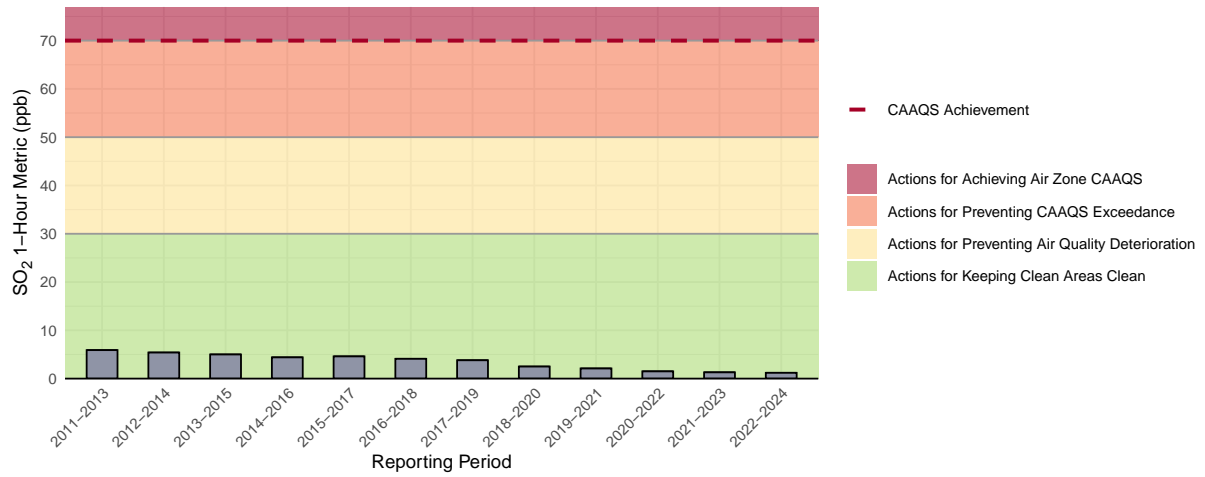
**SO<sub>2</sub> Annual Air Quality Standard:** Achieved

**SO<sub>2</sub> Annual Metric:** 0.2ppb (1 year average)

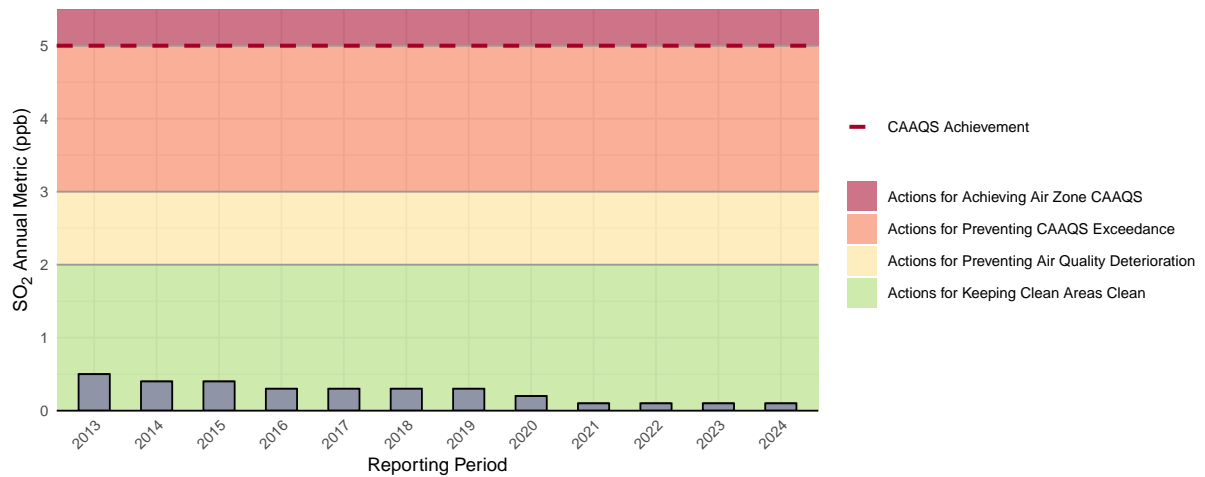


**Air Zone:** Lower Fraser Valley  
**Monitoring Station:** Richmond South

**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved  
**SO<sub>2</sub> 1-hour Metric:** 1.2ppb (3 year average)



**SO<sub>2</sub> Annual Air Quality Standard:** Achieved  
**SO<sub>2</sub> Annual Metric:** 0.1ppb (1 year average)

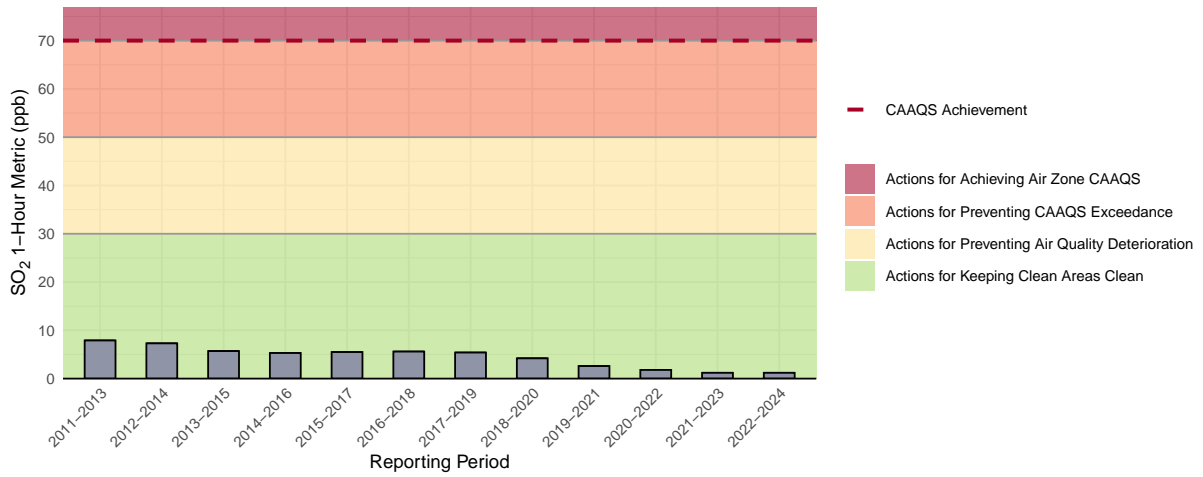


**Air Zone:** Lower Fraser Valley

**Monitoring Station:** Tsawwassen

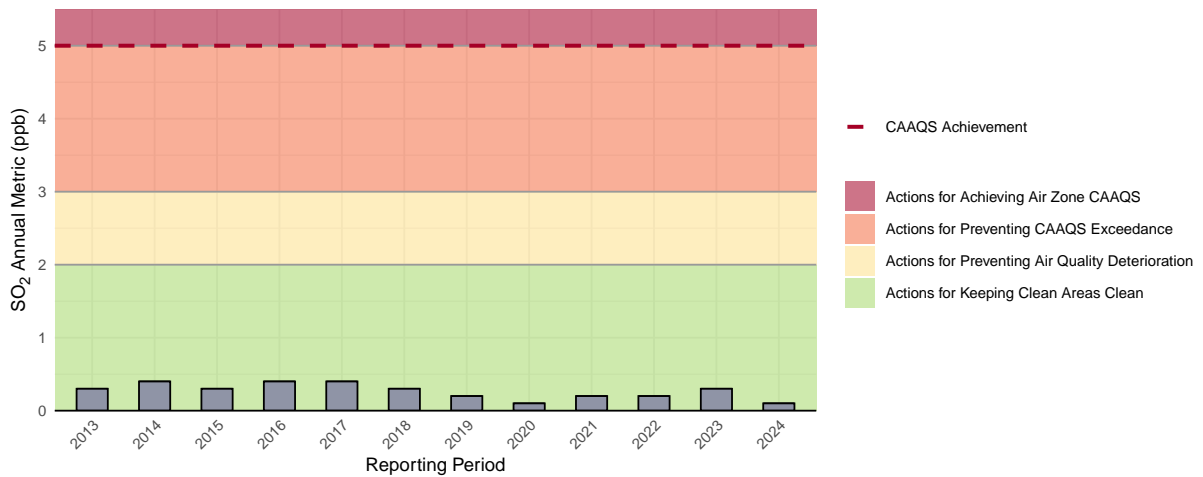
**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved

**SO<sub>2</sub> 1-hour Metric:** 1.2ppb (3 year average)



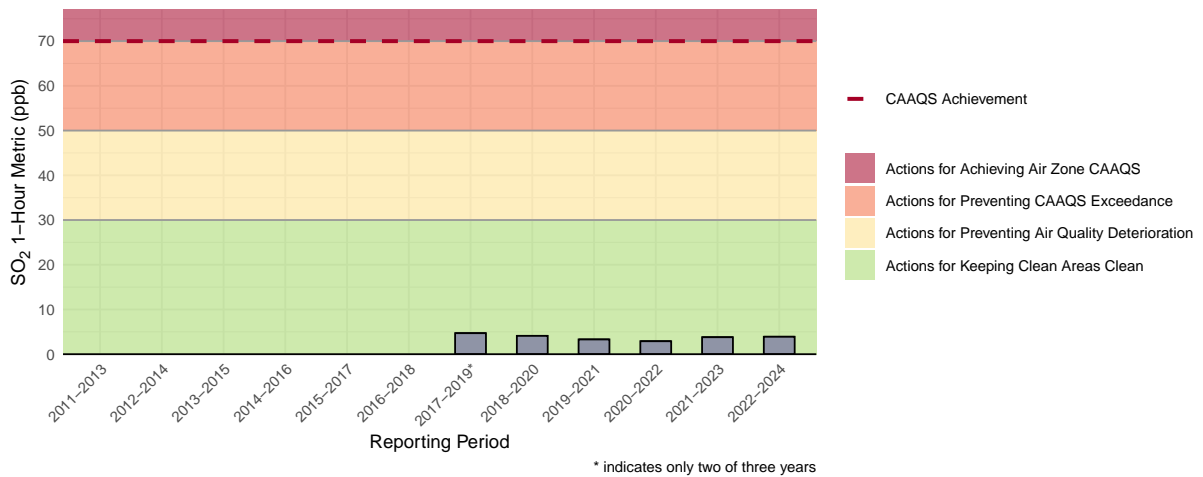
**SO<sub>2</sub> Annual Air Quality Standard:** Achieved

**SO<sub>2</sub> Annual Metric:** 0.1ppb (1 year average)

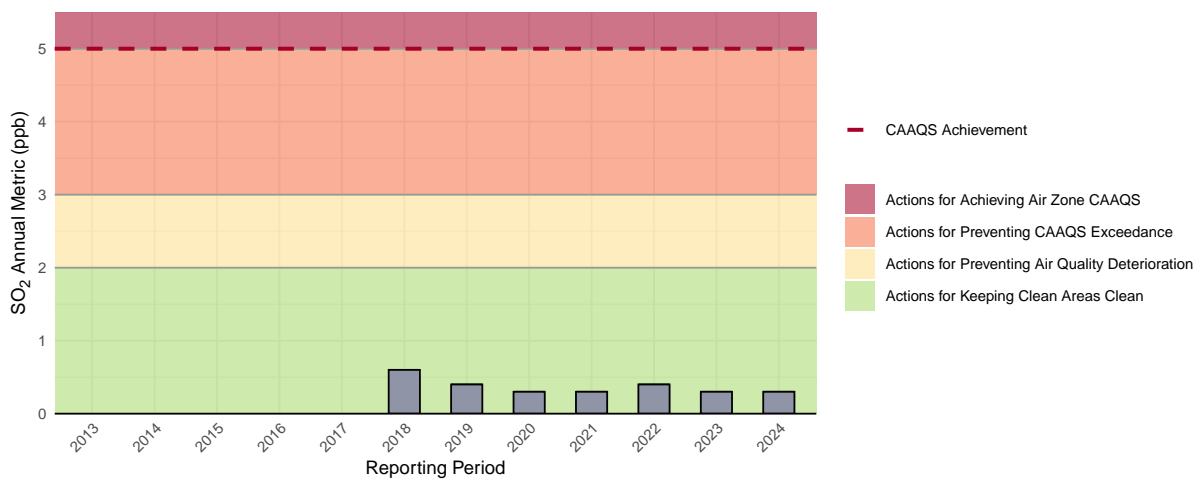


**Air Zone:** Lower Fraser Valley  
**Monitoring Station:** Vancouver Clark Drive

**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved  
**SO<sub>2</sub> 1-hour Metric:** 3.9ppb (3 year average)



**SO<sub>2</sub> Annual Air Quality Standard:** Achieved  
**SO<sub>2</sub> Annual Metric:** 0.3ppb (1 year average)

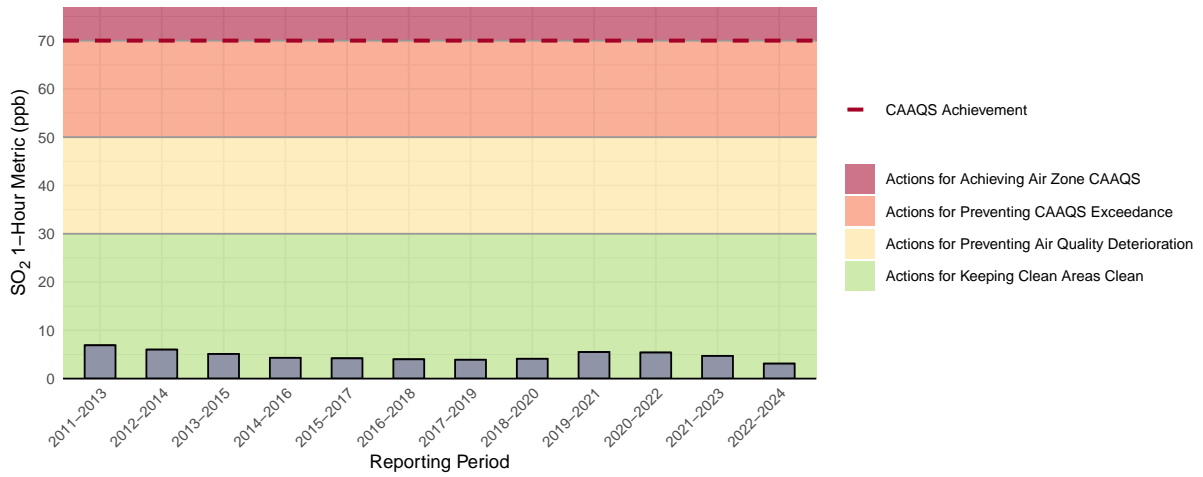


**Air Zone:** Lower Fraser Valley

**Monitoring Station:** Vancouver International Airport 2

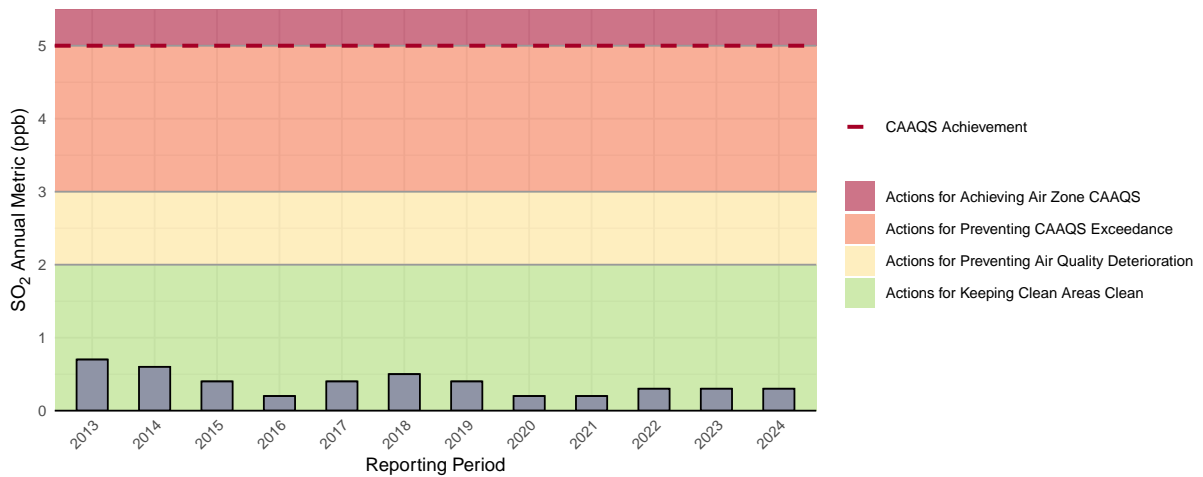
**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved

**SO<sub>2</sub> 1-hour Metric:** 3.1ppb (3 year average)



**SO<sub>2</sub> Annual Air Quality Standard:** Achieved

**SO<sub>2</sub> Annual Metric:** 0.3ppb (1 year average)

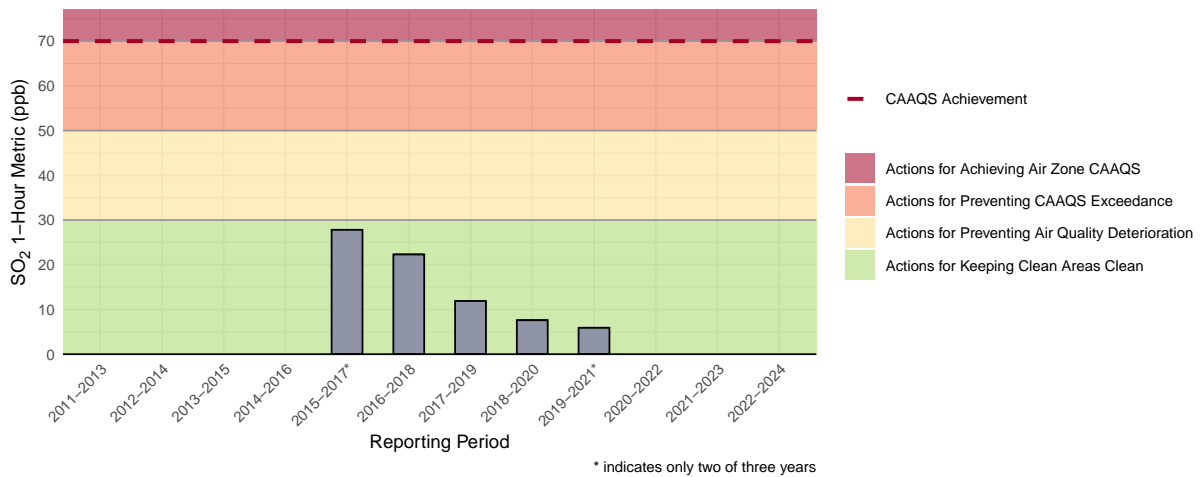


**Air Zone:** Lower Fraser Valley

**Monitoring Station:** Vancouver Pandora Park

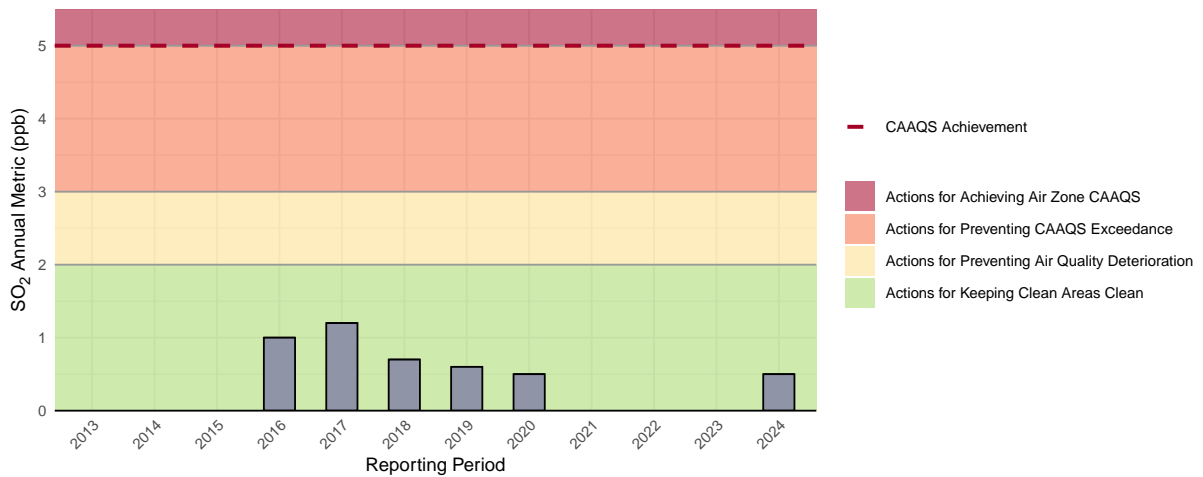
**SO<sub>2</sub> 1-hour Air Quality Standard:** Insufficient Data

**SO<sub>2</sub> 1-hour Metric:** Unknown



**SO<sub>2</sub> Annual Air Quality Standard:** Achieved

**SO<sub>2</sub> Annual Metric:** 0.5ppb (1 year average)

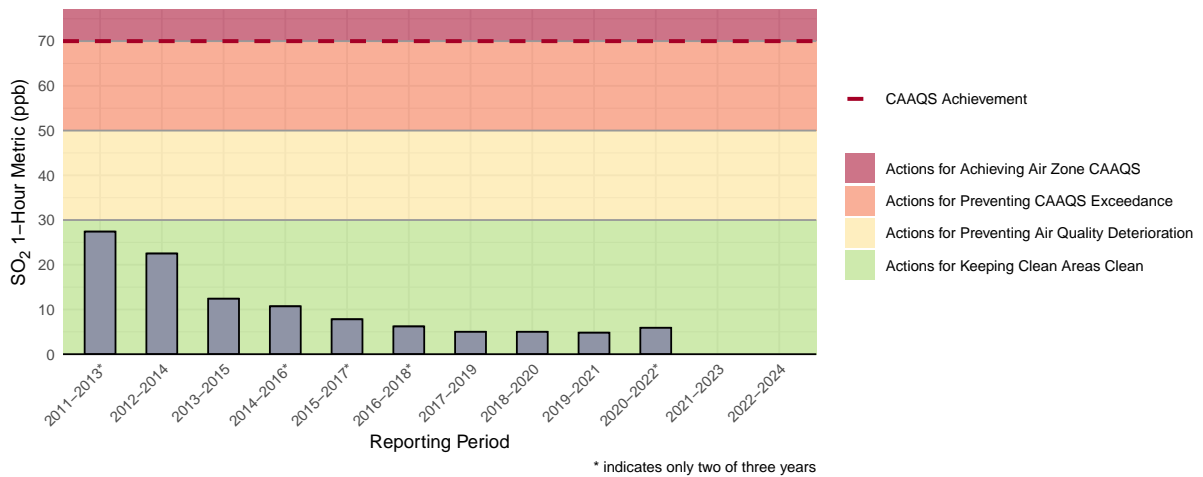


**Air Zone:** Lower Fraser Valley

**Monitoring Station:** Vancouver Robson Square

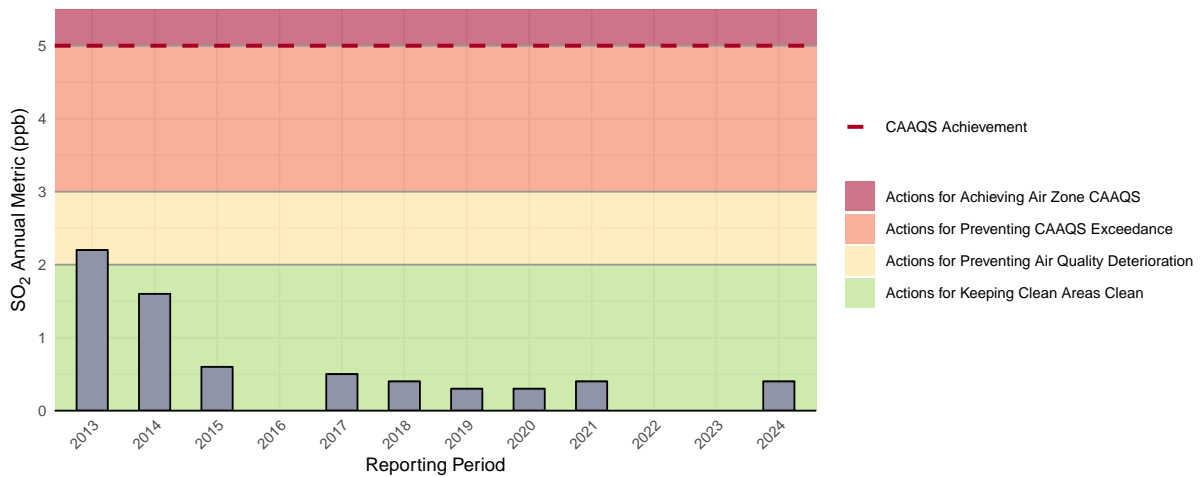
**SO<sub>2</sub> 1-hour Air Quality Standard:** Insufficient Data

**SO<sub>2</sub> 1-hour Metric:** Unknown



**SO<sub>2</sub> Annual Air Quality Standard:** Achieved

**SO<sub>2</sub> Annual Metric:** 0.4ppb (1 year average)

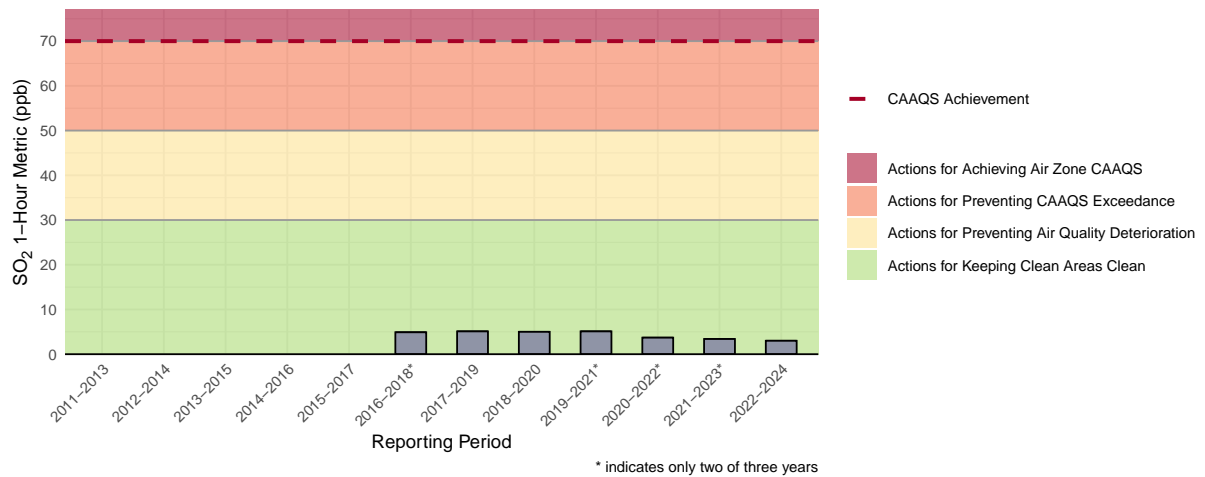


**Air Zone:** Northeast

**Monitoring Station:** Fort St John Key Learning Centre

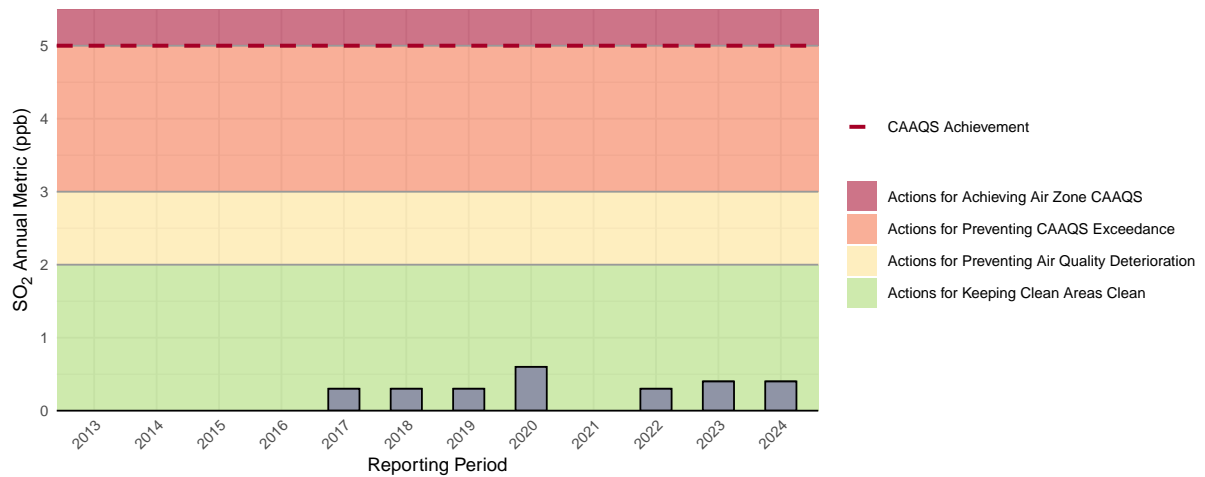
**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved

**SO<sub>2</sub> 1-hour Metric:** 3ppb (3 year average)



**SO<sub>2</sub> Annual Air Quality Standard:** Achieved

**SO<sub>2</sub> Annual Metric:** 0.4ppb (1 year average)

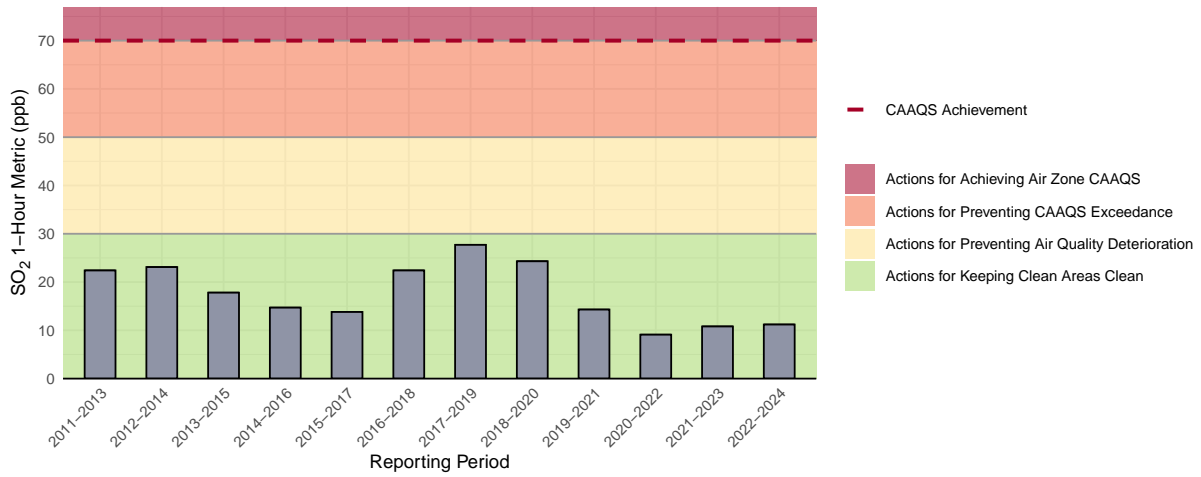


**Air Zone:** Northeast

**Monitoring Station:** Taylor South Hill

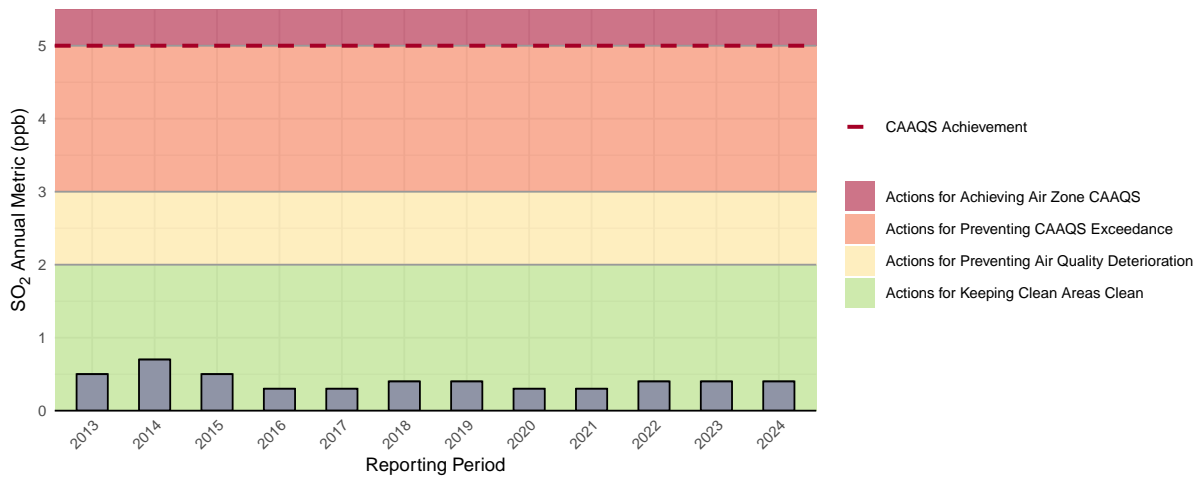
**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved

**SO<sub>2</sub> 1-hour Metric:** 11.2ppb (3 year average)



**SO<sub>2</sub> Annual Air Quality Standard:** Achieved

**SO<sub>2</sub> Annual Metric:** 0.4ppb (1 year average)

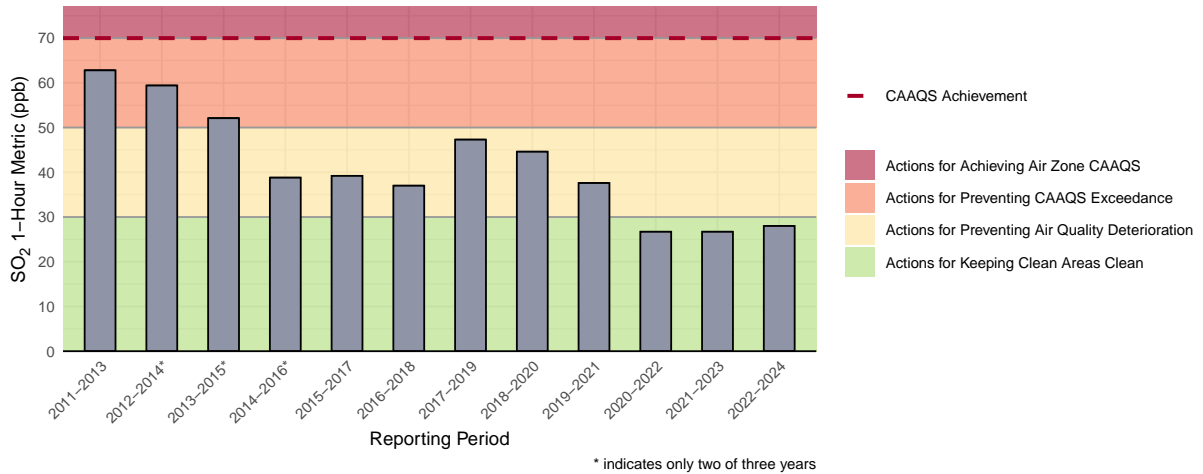


**Air Zone:** Northeast

**Monitoring Station:** Taylor Townsite

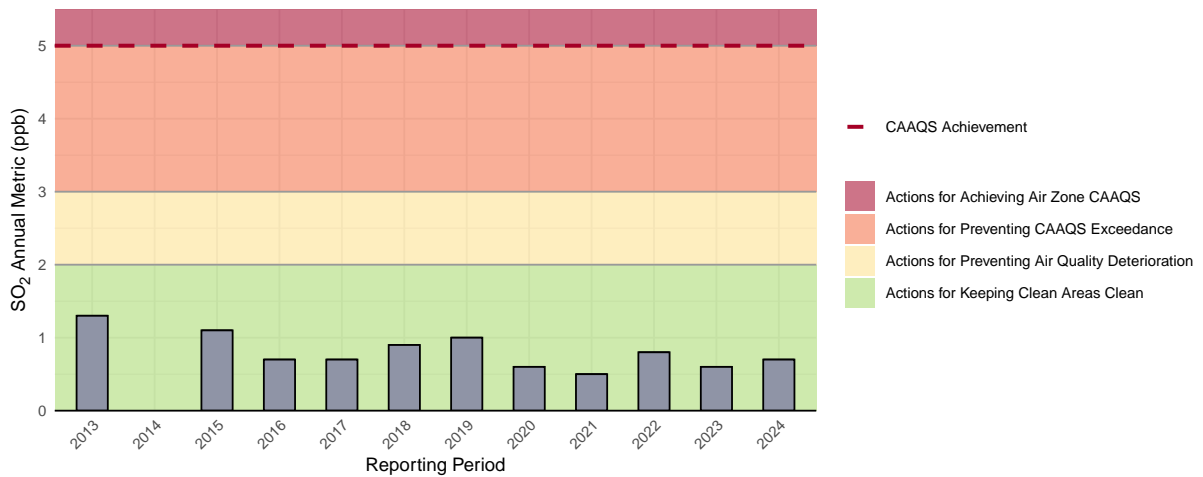
**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved

**SO<sub>2</sub> 1-hour Metric:** 28ppb (3 year average)



**SO<sub>2</sub> Annual Air Quality Standard:** Achieved

**SO<sub>2</sub> Annual Metric:** 0.7ppb (1 year average)

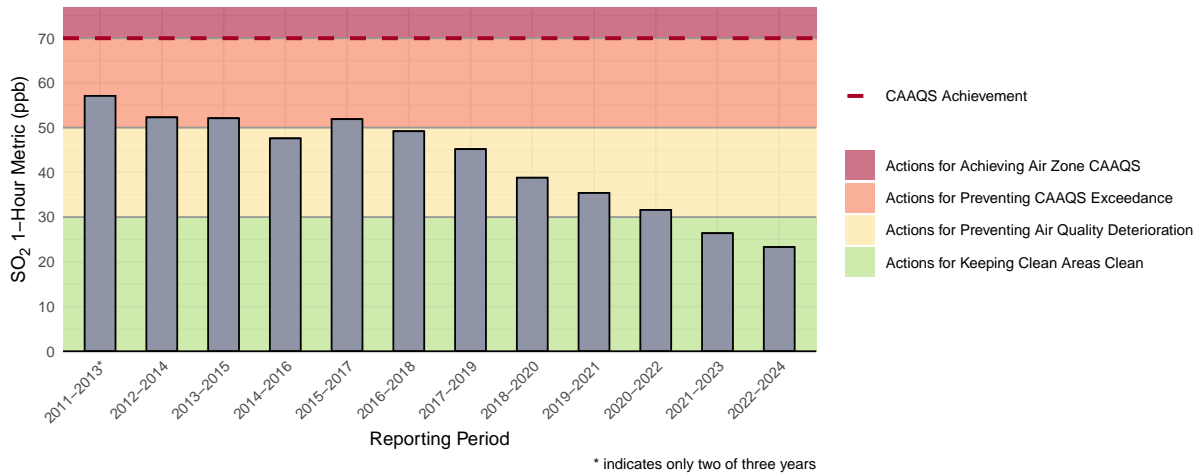


**Air Zone:** Southern Interior

**Monitoring Station:** Castlegar Zinio Park

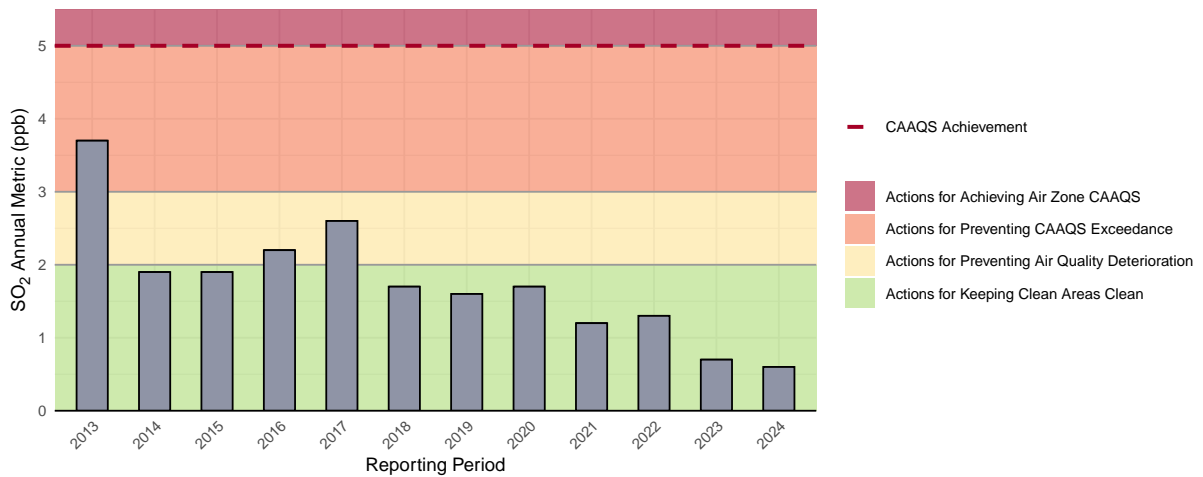
**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved

**SO<sub>2</sub> 1-hour Metric:** 23.3ppb (3 year average)



**SO<sub>2</sub> Annual Air Quality Standard:** Achieved

**SO<sub>2</sub> Annual Metric:** 0.6ppb (1 year average)

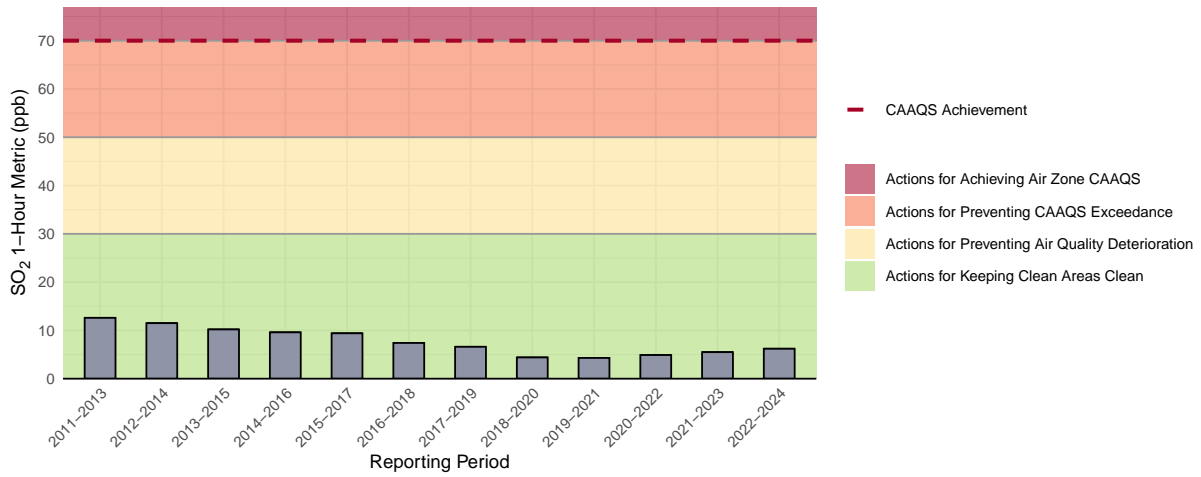


**Air Zone:** Southern Interior

**Monitoring Station:** Kamloops Federal Building

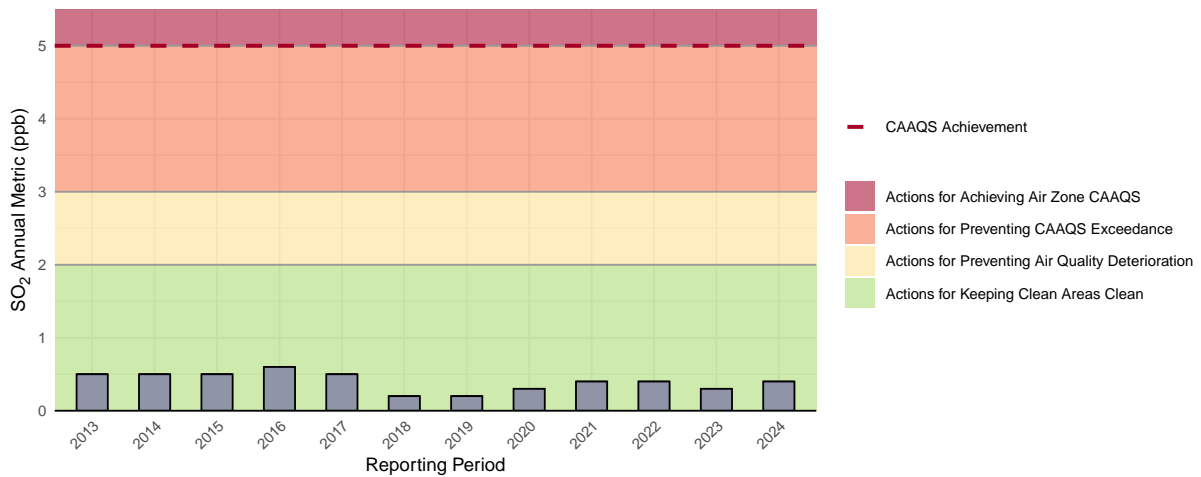
**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved

**SO<sub>2</sub> 1-hour Metric:** 6.2ppb (3 year average)



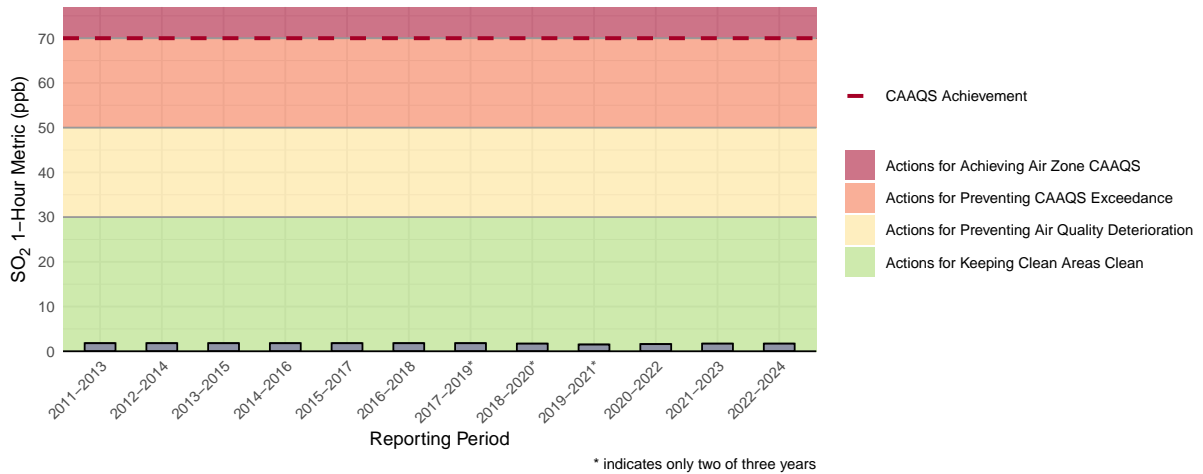
**SO<sub>2</sub> Annual Air Quality Standard:** Achieved

**SO<sub>2</sub> Annual Metric:** 0.4ppb (1 year average)

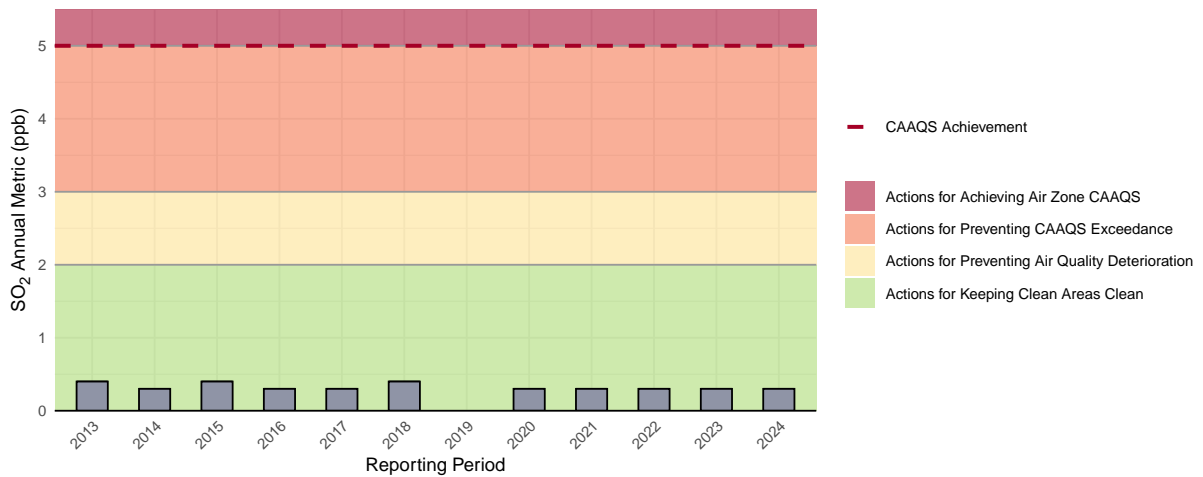


**Air Zone:** Southern Interior  
**Monitoring Station:** Kelowna

**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved  
**SO<sub>2</sub> 1-hour Metric:** 1.7ppb (3 year average)



**SO<sub>2</sub> Annual Air Quality Standard:** Achieved  
**SO<sub>2</sub> Annual Metric:** 0.3ppb (1 year average)

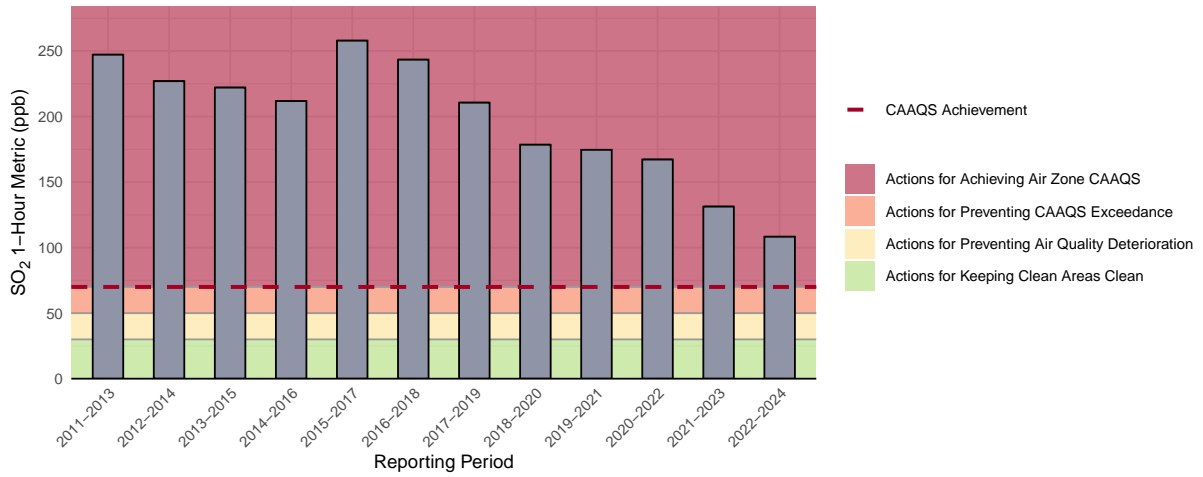


**Air Zone:** Southern Interior

**Monitoring Station:** Trail Butler Park

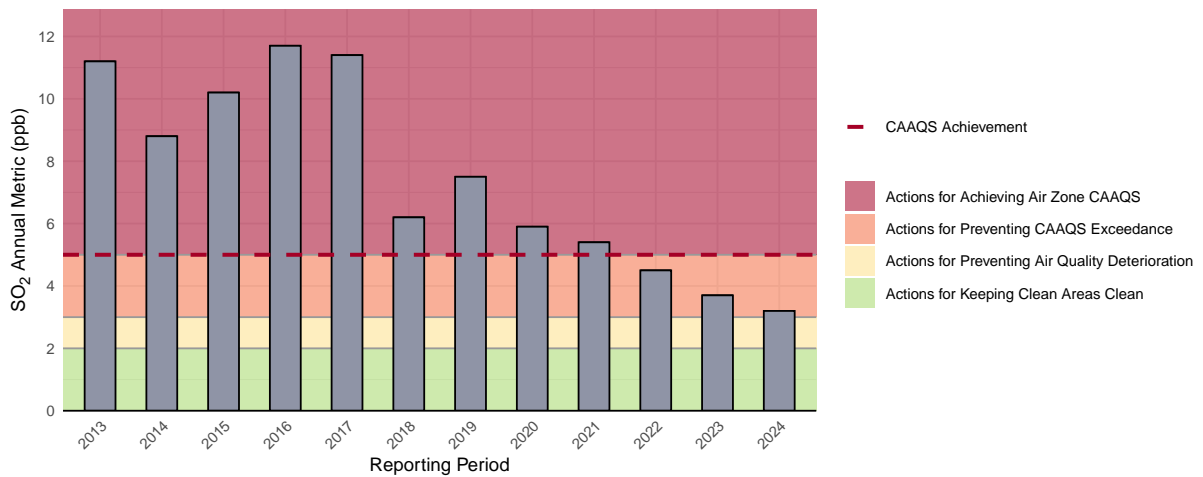
**SO<sub>2</sub> 1-hour Air Quality Standard:** Not Achieved

**SO<sub>2</sub> 1-hour Metric:** 108.3ppb (3 year average)



**SO<sub>2</sub> Annual Air Quality Standard:** Achieved

**SO<sub>2</sub> Annual Metric:** 3.2ppb (1 year average)

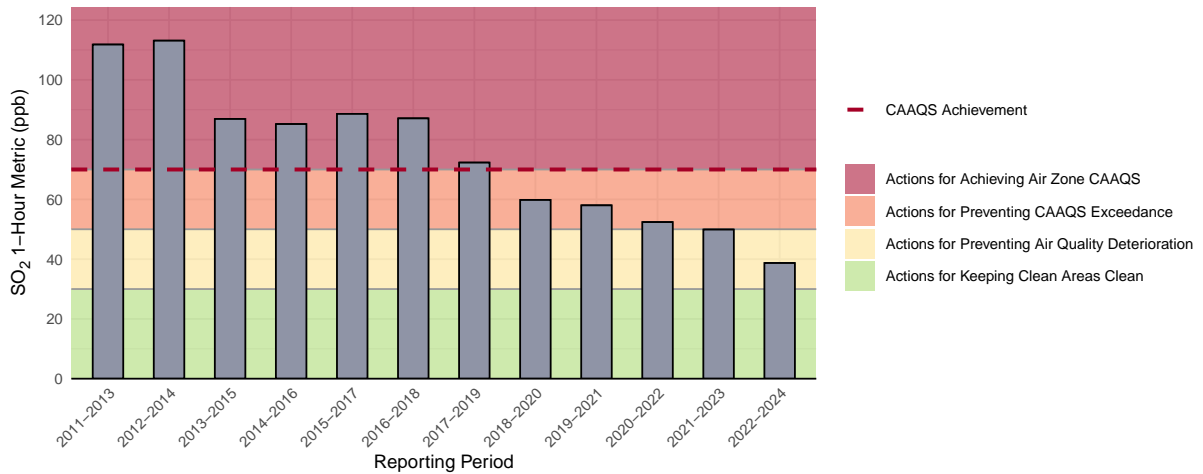


**Air Zone:** Southern Interior

**Monitoring Station:** Trail Columbia Gardens Airport

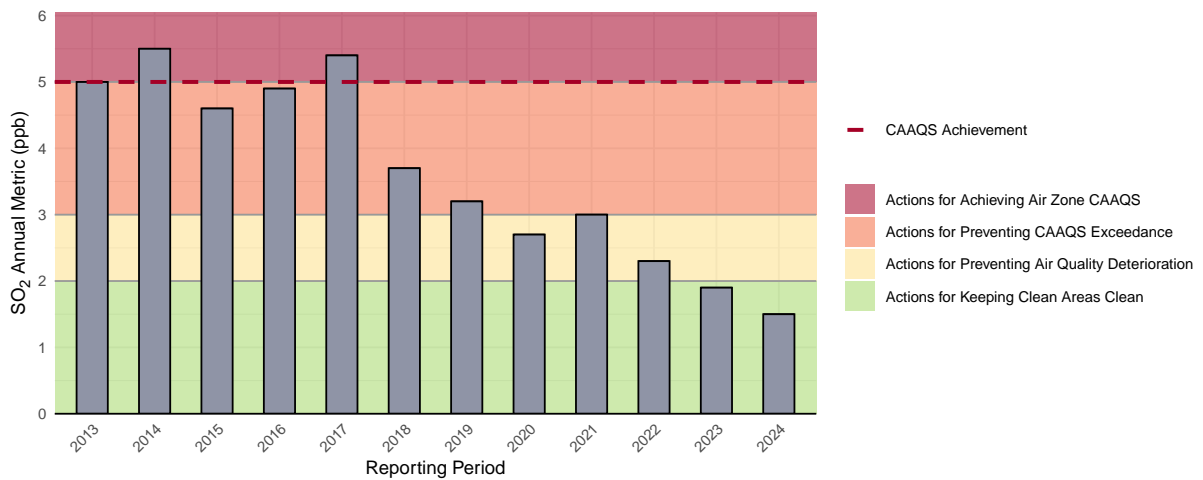
**SO<sub>2</sub> 1-hour Air Quality Standard:** Achieved

**SO<sub>2</sub> 1-hour Metric:** 38.7ppb (3 year average)



**SO<sub>2</sub> Annual Air Quality Standard:** Achieved

**SO<sub>2</sub> Annual Metric:** 1.5ppb (1 year average)

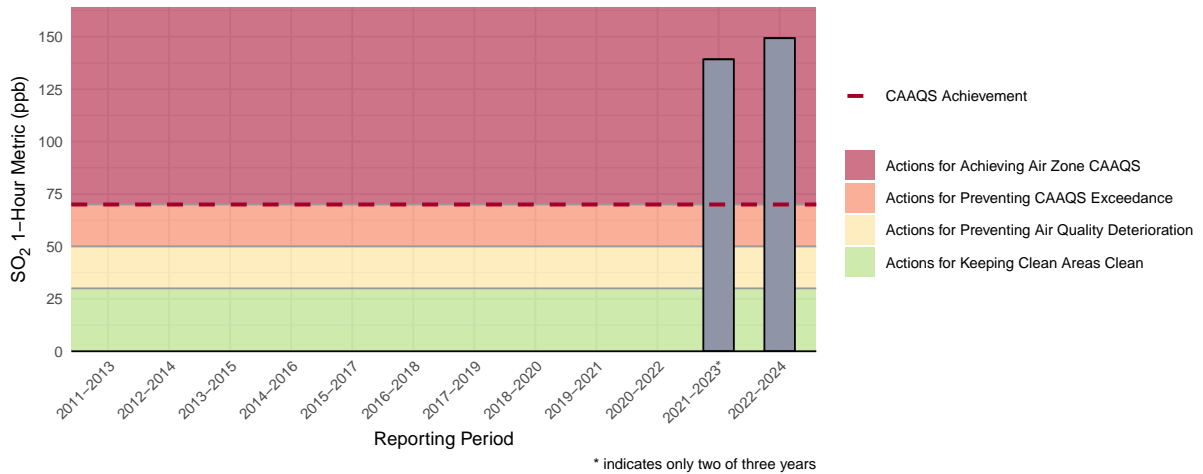


**Air Zone:** Southern Interior

**Monitoring Station:** Warfield Haley Park

**SO<sub>2</sub> 1-hour Air Quality Standard:** Not Achieved

**SO<sub>2</sub> 1-hour Metric:** 149.3ppb (3 year average)



**SO<sub>2</sub> Annual Air Quality Standard:** Achieved

**SO<sub>2</sub> Annual Metric:** 4ppb (1 year average)

