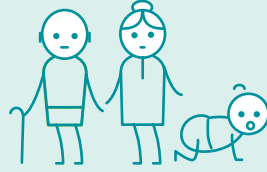


Sulphur Dioxide (SO₂)

Learn and Take Action!



Sulphur Dioxide (SO₂) is a colourless, reactive gas emitted by Teck Trail Operations. SO₂ is generated as a by-product of processing mine concentrates into metal and chemical products.



Who may be sensitive to the effects of elevated SO₂?

Young children, elderly people, and persons with chronic respiratory disease, especially persons with asthma.



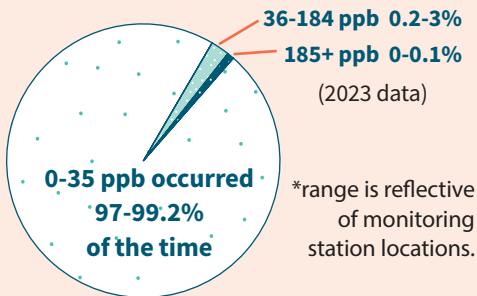
Short-term exposures to **elevated SO₂ levels** can cause the air passages in the lungs to constrict or tighten, leading to breathing difficulties and tightening in the chest. Symptoms may worsen during vigorous exercise or hard physical labour.

CURRENT SO₂ LEVELS:

<https://www.env.gov.bc.ca/epd/bcairquality/readings/find-stations-map-SO2.html>

How do I know what the SO₂ levels are in Trail?

Levels change throughout the day. Check current SO₂ levels online:



Where can I find out more?

Check out the FAQs online: thep.ca/faqs

Residents who have concerns about air quality are encouraged to call the Teck Community and Environment Feedback line at (250) 364-4817, a phone line answered 24 hours a day.

If you have health concerns, please contact your family doctor.

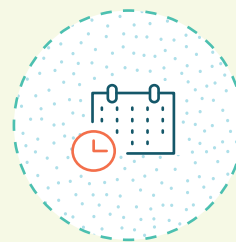
People I care for may be sensitive to SO₂ When do I need to change routines?

Adjust routine as SO₂ levels increase



0-35 ppb

No routine change or adjustment needed.



36-184 ppb

Persons with chronic respiratory conditions such as asthma should consider reducing or rescheduling strenuous outdoor activities if experiencing symptoms. No effects are expected for the general population.



185+ ppb

Persons with chronic respiratory conditions such as asthma should reduce or reschedule strenuous activities outdoors. Others, especially children and the elderly, should also consider avoiding outdoor physical exertion.