

Kennecott and Utah's air quality A closer look at winter inversion



Wasatch Front

Utah continues to have wintertime air quality problems despite decades of air quality regulations on companies like Rio Tinto's Kennecott Utah Copper. Utah meets the EPA's annual standard for fine particulate emissions (PM_{2.5}) throughout the year. However, the state struggles to meet the 24-hour standard during the winter inversion season, on average about 20-days per year.

According to the Utah Department of Air Quality, Kennecott is responsible for 5.8 percent of the annual fine particulate emissions in the Salt Lake air shed. Kennecott's impact on the valley's air, especially during an inversion is even less.

During the winter, Kennecott shuts down its power plant reducing the amount of fine particulate emissions to 3.8 percent of a typical winter day. Additionally, Kennecott has been actively working to decrease emissions from the other sources that contribute to inversions, such as transportation and area sources.

Though it will take the entire community working together to be successful, Kennecott is committed to doing its part.

To learn more, **take a closer look at kennecott.com/air-quality**.

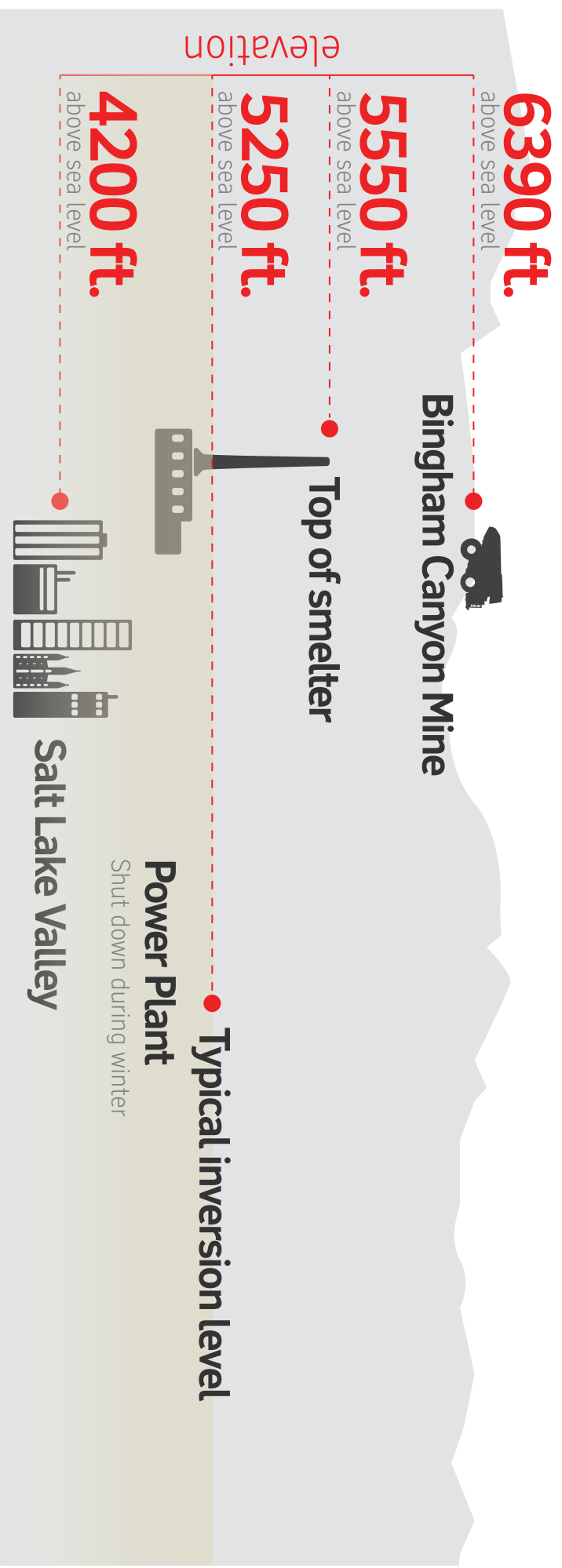


Cu

From ore to more: our work makes modern life possible.



Kennecott's contribution to Utah's air quality



Kennecott's
annual average
contribution



Other primary sources
Kennecott Utah Copper

Kennecott's
average winter
contribution



Other primary sources
Kennecott Utah Copper

Our efforts to minimize impacts:

- 1 Idle reduction program
- 2 CNG vehicles
- 3 TRAX to Daybreak
- 4 Clear the Air Challenge
- 5 Park at Lark
- 6 Combined heat and power systems
- 7 LEED-certified buildings