

## Highland Valley Copper 2040 Fact Sheet: Dust Management



### About Highland Valley Copper 2040

Teck's Highland Valley Copper Operations (HVC) is proposing the Highland Valley Copper 2040 Project (HVC 2040) to extend the life of the operation to at least 2040, through an extension of the existing site infrastructure. HVC 2040 allows for the continuation of social and economic benefits, while also helping to meet the growing demand for copper driven by the transition to a low-carbon future. HVC 2040 would yield approximately 1.95 billion tonnes of additional copper over the life of the Project.

HVC recognizes that dust management is essential, and acknowledges the potential dust impacts that mining activities can have on the surrounding environment. HVC has developed a comprehensive site-wide Dust Management Plan to reduce fugitive dust and mobile equipment emissions.

### Dust Management Plan Overview

HVC's Dust Management Plan includes measures to avoid, control, and mitigate dust impacts. The plan includes monitoring to determine the effectiveness of the mitigation measures that help us adapt strategies as needed.

The Dust Management Plan involves several adaptive management strategies, including:

- Employing mobile and stationary water sprays to reduce dust entering the air from roads and high-activity zones
- Utilizing Haulage-DC, an environmentally friendly water additive that improves the efficiency of road watering for dust control
- Ongoing monitoring of particulate matter and weather data
- Reducing vehicle traffic in high-dust areas

- Increasing vegetation to reduce dust
- Progressive reclamation during the mining cycle
- Application of binding agent to inactive dam surfaces to minimize dust

### HVC 2040 Dust Management

Throughout construction and operation of the Project, HVC will continue to implement the Dust Management Plan to mitigate the potential environmental effects of dust on surrounding areas. This will include ongoing monitoring of air quality in, and around, HVC.

Through the environmental assessment process, HVC will conduct air quality modelling to determine potential fugitive dust impacts as a result of construction and operation of the Project. The modelling work will inform the development of any necessary additional mitigation measures.

### Engagement and Assessment Processes

As the existing Dust Management Plan continues to be adaptively managed and updated, HVC will reach out to Indigenous Governments and Organizations and other stakeholders for input. This feedback will help the Dust Management Plan continue to meet the needs of local communities. An updated plan will be developed as part of the Indigenous-led and Provincial assessment processes.

### Engage with Us

We want to hear from you about our Dust Management Plan and the future of HVC. Email [HVC2040.feedback@teck.com](mailto:HVC2040.feedback@teck.com) or call 1.855.523.3429 to share your feedback, and visit [teck.com](http://teck.com) to learn more.