

Quick Facts

Teck Trail Operations

JANUARY 2020



Tyler Hwalstad, Metal Fabricator Apprentice

Teck



Adam Bozzer and Cody Morris, Heavy Duty Mechanics

Daily Consumption

Zinc concentrate	1,588 tonnes
Lead concentrate	267 tonnes
Limerock	135 tonnes
Silica	31 tonnes
Coal & Coke	371 tonnes
Oxygen	700 tonnes
Natural gas	5,000 GJ
Electric power	5,064,000 kW.h
Water	222,800 tonnes (34,000 gal./min.)
Compressed air	1,800,000 c.metres
Plant area	142 hectares (350 acres)
CRT glass	22 tonnes

Personnel

Employment

2014 - 1,498	2017 - 1,424
2015 - 1,471	2018 - 1,483
2016 - 1,432	2019 - 1,451

Wages and Salaries

2014 - \$193 million	2017 - \$191 million
2015 - \$187 million	2018 - \$193 million
2016 - \$187 million	2019 - \$200 million (approx.)

How Our Products Are Used

Zinc

- coats steel to prevent rust in cars and other steel products
- castings of car parts, faucets, toys, appliances
- zinc plus copper makes brass
- zinc oxide is used in rubber, paints, cosmetics, skin cream
- rolled zinc is used for car trim, roofing, coins

Lead

- vehicle batteries
- radiation protection and soundproofing
- used to contain corrosive chemicals

Silver

- photographic processes, electronics

Gold

- investment, jewellery

Indium, Germanium

- electronic materials

Cadmium

- batteries, coatings

Sulphur dioxide

- used in pulp mills for bleaching
- sterilizing agent (food processing)

Sulphuric acid

- used in pulp mills
- used in fertilizer production

Sulphur

- sulphur dioxide, sulphuric acid
- fertilizers

Copper sulphate

- mining

Copper arsenate

- wood preservative