

SunMine



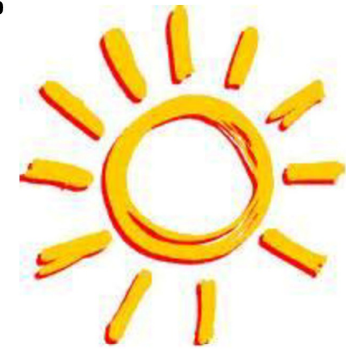
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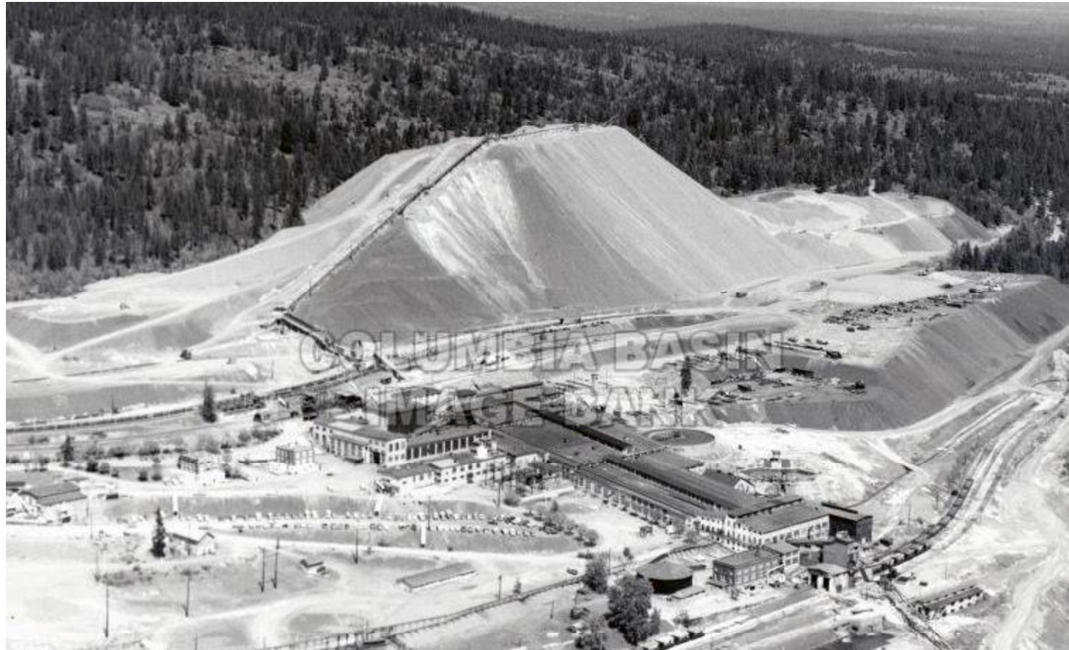
KIMBERLEY
A GOOD PLACE TO BE.

What is the SunMine?

- 1.05 MWp Solar farm located on reclaimed Teck mine site
- Enough to power ~200-300 homes
- 4032 solar panels on 96 trackers covering 5 acres



Sullivan Mine Concentrator



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Goals and Objectives



- Marketing!
 - Shed the mining town image
 - Create the image of a progressive community
 - Motivate people to check us out
- Re-purpose un-used land
- Not a short term economic development project
 - Minimal jobs, increased revenues
 - Long-term Potential

How did we get here?

- In 2008, EcoSmart approached the City
- 2008-2011: scoping , test panels
- 2011: borrowing referendum, 76% in favour
- 2011-2014: planning, business case, RFP
- January 2014- April 2015: construction
- June 2015: commercial operation



Financing - \$5.35M

- Original plan – 2 MWp @ \$6.65M
- 1.05 MWp @ \$5.35M
 - City of Kimberley \$2M
 - Teck Resources \$2M
 - ICE Fund \$1M
 - CBT \$300,000
 - SIDIT \$50,000
 - BC Hydro system upgrades

Results

- 18 agreements with 8 organizations
- 5.1% or \$271,000 over budget
- Completed 5 months behind schedule
- Over 1 yr commercial operation:
 - 1915 MWh of electricity sold to BC Hydro, 98% projections
 - \$195,700 in revenue, 91.6% of projections
 - Revised break even estimate \$171K/year before depreciation



Results

- 1,096 people toured the facility, including students from the local elementary, middle, and high school, as well as College of the Rockies and Selkirk College
- 178 media articles
- Project video has received 4,537 unique views
- SunMine.ca has seen over 13,000 unique visitors