



## Fort Hills Site



Operated by

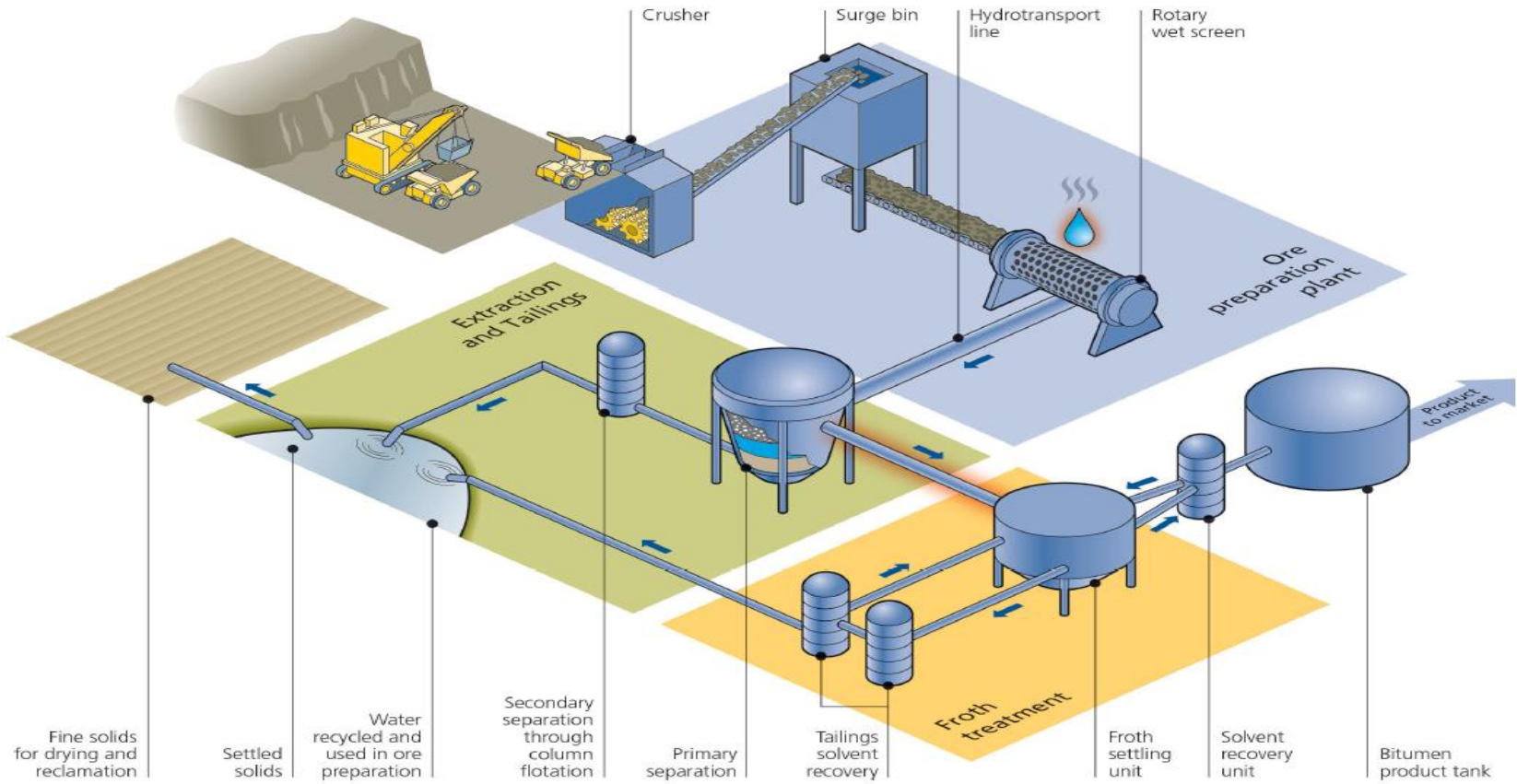


## Overview:

The Fort Hills oil sands mining project is located in Alberta's Athabasca region, 90 kilometres north of Fort McMurray, Alberta and is recognized as one of the best undeveloped oil sands mining assets in the region. The project's co-owners are: Suncor , Teck Resources Ltd, Total Energy

The project is operated by Suncor, and is scheduled to produce first oil as early as the fourth quarter of 2017 and achieve 90% of its planned production capacity of 180,000 barrels per day within 12 months. The mine life is expected to be approximately 50 years at the current planned production rate

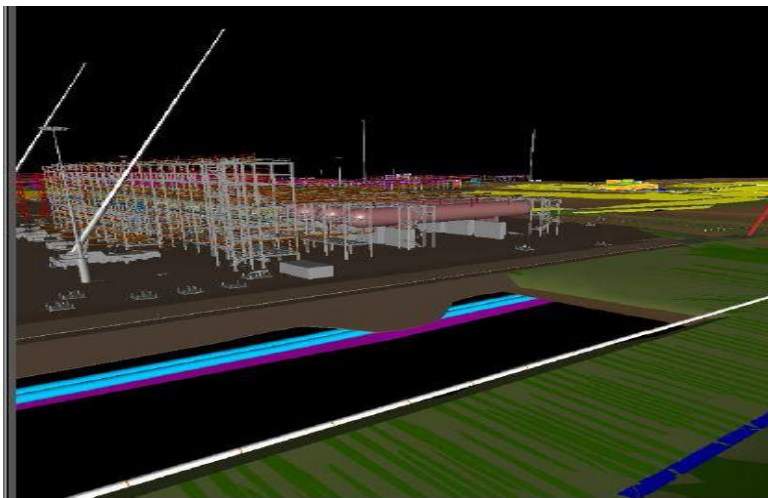
Fort Hills – Mining and extraction process



## Major Process Risk - Pentane Bullets



- 180' x 10' Diameter
- Jet Fire
- Automated monitors
- 3 hour fire rating on structural steel
- Total of 11 bullets



## Emergency Services

- Member of RMWB Mutual Aid
- Operated by Suncor
- Integrated department
- 11 Suncor
- \*20 Contractor\*
- Partnered with Trans Canada Pipelines who operate the Northern Courier Terminal to move bitumen downstream.

## Staffing Methodology

- 4 Shifts
- 2 Suncor Leads per shift
- Use integrated Contractor and Suncor model
- Additional responders brought in early in process to prepare for introduction of commodity
- This model allows site to maintain effective Emergency Response During C&SU until onsite brigade is established.
- Scalability – risk based – response data supported

## Major Apparatus

- Mine Response
- 4500 GPM
- 3500 GPM Industrial Pump
- 4x4



## Major Apparatus

- 116 Foot Aerial with 2000 gpm Pump
- 3000 Gallon Rescue Tanker







Questions?



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