

U of A – Houston Presentation

Project Management

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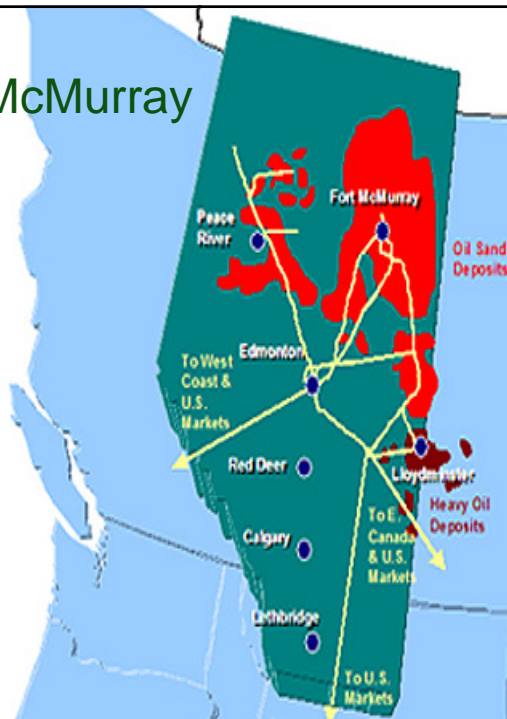
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Specialization



Investment in Fort McMurray

Current Projects	\$B
Suncor	8
Syncrude	2.3
Albian Sands	5
CNRL	6.8
Petro-Canada	2
Opti-Nexen	0.45
Synenco	3.8*

* Proposed
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TRANSIENT POPULATION:

- 6600 camps
- 1200 L.O.A (Town residents)



CHARTERED FLIGHTS:
Monday & Thursday
Approx 120 passengers

BUS TRANSPORTATION:
40 Diversified heading South
Avg of 10 buses inside plant





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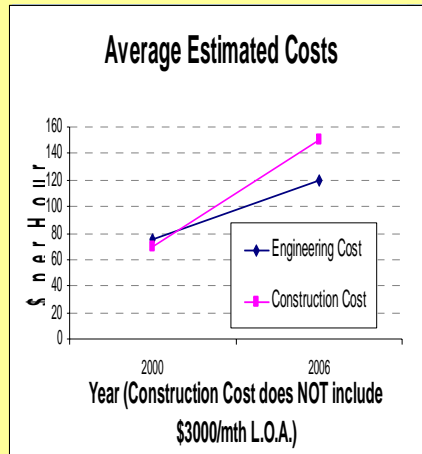
Quality

<p>CLIENT</p> <ul style="list-style-type: none"> • Insufficient support from disciplines • Time spent on stewardship with Management 	<p>CONSULTANT</p> <ul style="list-style-type: none"> • Lack of knowledge of Canadian Regulatory Standards • Allow deviations without detailed check to match requirements
<p>CONTRACTORS</p> <ul style="list-style-type: none"> • Place construction needs ahead of engineering • Performing field changes without consulting design engineer 	<p>SKID PACKAGES</p> <ul style="list-style-type: none"> • Inadequate documentation provided • Tie-in and utility details not discussed and agreed

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Cost

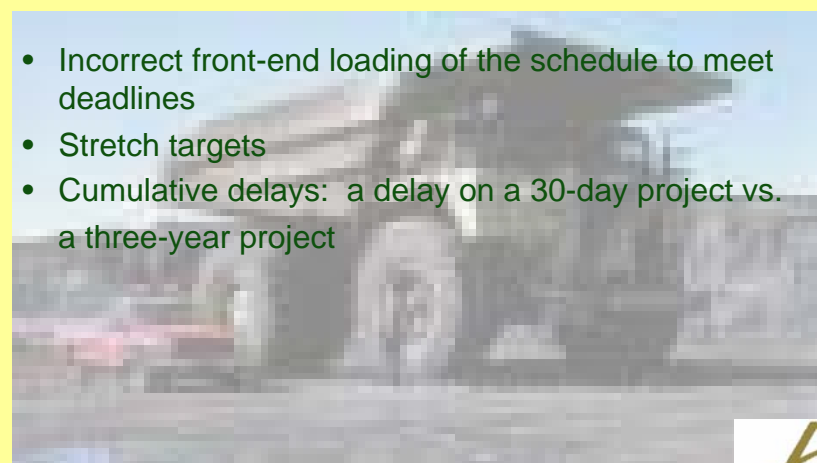


- Workforce Requirements
- Lump Sum vs. Reimbursable Contracts
- Lack of Local Industrial Fabrication
- Scope Changes

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Schedule

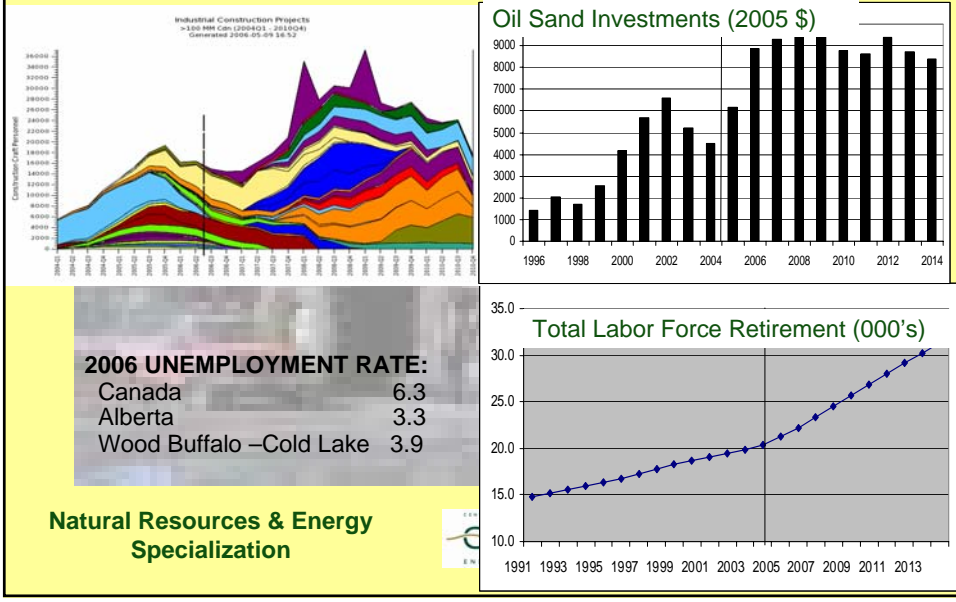


- Incorrect front-end loading of the schedule to meet deadlines
- Stretch targets
- Cumulative delays: a delay on a 30-day project vs. a three-year project

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Is There Enough Labor Force?



Other Contributing Factors

1. Building in an operating plant
2. Isolation and air travel
3. Corporate cultural differences
4. Weather
5. Effects on Fort McMurray

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What can Alberta do?

- Work with other Provinces and HRSDC
 - Promote equivalency assessments
 - Facilitate inter-provincial mobility
- Open Canada to skilled trades immigration and promote Alberta as a destination
- Plan for coordinated use of Temporary Foreign Workers
- Coordination between Companies and Immigration Office

Make Alberta attractive to Canadians and to the rest of the world!

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Thank you!

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