



Oil Sands Project Report

WOOD BUFFALO
AUGUST 2011

Government
of Alberta ■

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How to use this report

This report lists oil sands projects located in or adjacent to the Regional Municipality of Wood Buffalo and their current status: operating, under construction, proposed or on hold. The report looks at both mining and in-situ oil sands projects, as well as upgraders. New or proposed projects are included only if they are active or can reasonably be expected to start construction within the next two years.

This report can be used as a resource for job seekers, contractors and others who are interested in the near-term status of oil sands development in the region.

OTHER PROJECT LISTS

This report is organized primarily for job seekers and contractors in the Regional Municipality of Wood Buffalo making immediate or near-term career and business decisions. There are other sources of oil sands project lists which include different information, such as production capacity, projects with longer lead times and projects in other parts of Alberta.

- *Oilsands Review magazine*, June Warren-Nickle's Energy Group: oilsandsreview.com
- *Alberta Oil Sands Industry Quarterly Update*, Government of Alberta: albertacanada.com/about-alberta/oil-sands-quarterly.html
- *Existing and Proposed Canadian Commercial Oil Sands Projects*, Strategy West: strategywest.com
- Oil Sands Developers Group's interactive oil sands map, project listing and library: oilsandsdevelopers.ca

JOB SEEKERS

Looking for work in Wood Buffalo? This report provides a list of oil sands projects in the region and their current status. You can use this report as a guide to see which projects are operating, which are under construction and which are proposed for the future.

The list is broken down by surface mining (open pit) and in-situ (in-place) oil sands developments, as well as upgraders.

There are many phases to an oil sands project. Each phase creates different types of jobs:

- ➔ **Pre-Construction:** Before construction starts, there is exploration, engineering, regulatory and financing activity under way on some projects.
- ➔ **Construction:** During construction, oil sands companies contract companies to build everything from access roads to steam plants and refineries. Certified tradespeople, labourers and heavy equipment operators are some of the workers needed during the construction phase. Most construction workers are hired by construction companies, not by the mining companies.
- ➔ **Operations and maintenance:** When construction is complete, oil sands companies employ a variety of skilled workers to operate and maintain the plants. This includes engineers and technologists, as well as management, business and administration staff. They also employ certified tradespeople, such as welders and pipefitters, process operators and heavy equipment operators. Maintenance work is often contracted to oil and gas service companies.

To see which oil sands companies or contractors are hiring, go directly to their corporate websites (see “Contact Information” at the end of this document). Most companies post their job openings on their corporate websites under headings such as Careers, Employment or Jobs. You can also find job opportunities and

information about working in the Fort McMurray area on Facebook at [facebook.com/fortmcmurrayjobs](https://www.facebook.com/fortmcmurrayjobs).

Help is available

For more information on finding employment in Fort McMurray contact the Alberta Works office at 780-743-7149.

If you're in Fort McMurray, you can also visit this office for help with your job search. There are a variety of free services for job seekers including a job board, fax and photocopy machines, phones and computers with Internet access. Best of all, you can speak to Career and Employment Consultants for resumé help with career and education planning.

The Fort McMurray Alberta Works office is located at 9915 Franklin Avenue on the main floor of the Provincial Building. Call them at 780-743-7192. For a complete list of Alberta Works offices visit employment.alberta.ca/offices.

For a list of other career and employment services in the Regional Municipality of Wood Buffalo, visit woodbuffalo.net/CareerEmpServices.html.

QUICK FACT

Some oil sands companies and contractors provide camp accommodations for their workers, depending on the job and site. They may also fly skilled workers into the region from designated pick-up locations, especially for more remote sites. Other companies require that you live in the region in order to work for them. Contact companies directly to see what they offer.

CONTRACTORS

Oil sands developments create many opportunities for contractors who want to work in the region. Contractors often work directly for oil sands companies doing construction and maintenance work. They may also subcontract to larger construction companies. Work is done not only in and around Fort McMurray, but across the Regional Municipality of Wood Buffalo and in the Athabasca Deposit outside the municipality.

Contractors can use this report as a guide to see the status of different oil sands projects that they might want to bid on.

To investigate contracting opportunities, contact major employers, including oil sands companies. There are four oil sands surface mining companies currently operating in the region (Suncor Energy, Syncrude, Athabasca Oil Sands Project and Canadian Natural Resources Ltd.). There are also dozens of in-situ production companies and hundreds of construction companies that may sub-contract.

Start with a search of company websites. Some companies, such as Canadian Natural Resources Ltd., Cenovus and Suncor Energy, have detailed information for contractors online. If information is not on a company's website, call their main phone number and ask who to talk to about contracting opportunities or vendor pre-qualification.

QUICK FACT

The Oil Sands Developers Group estimates that each permanent oil sands-related job generates nine additional direct, indirect and induced jobs across Canada. More than 456,000 jobs are linked to the construction and operation of oil sands facilities. (For more information visit oilsandsdevelopers.ca)

Online Resources for Contractors

- Alberta Purchasing Connection (purchasingconnection.ca) has information on current and past contract opportunities for all Government of Alberta departments and other organizations.
- Community Futures Wood Buffalo (cfwb.ca) provides assistance to business owners in the Fort McMurray area.
- Fort McMurray Construction Association (fmca.net) provides its members with leads on construction project bid opportunities.
- There is a list of local construction and engineering companies under the Employer Websites section at woodbuffalo.net/linksEMPLIntro.html.
- Regional Economic Development (RED) Link, redlink.ca, has a searchable vendor database of companies that contract to oil sands developers. There are also oil sands companies that post contract opportunities through RED Link.

MINING VS IN-SITU

When oil sands bitumen is located near the earth's surface, **open pit or surface mining** is used. Large shovels and trucks dig out the oil sand, which is sent to a refinery to be processed.

When oil sands bitumen is located 200 feet or more beneath the earth's surface, **in-situ technology** is used. This simply means the bitumen is recovered 'in-place' using drilling wells. Steam, air or solvents are injected into the wells to soften the bitumen and help bring it to the surface.

ONLINE RESOURCES

Energy Industry information

- Canadian Association of Petroleum Producers (capp.ca)
- Canadian Energy Advantage (canadianenergyadvantage.com)
- Canadian Heavy Oil Association (choa.ab.ca)
- Centre for Energy (centreforenergy.com)
- In Situ Oil Sands Alliance (iosa.ca)
- Oil Sands Developers Group (oilsandsdevelopers.ca)
- Oil Sands Discovery Centre (oilsandsdiscovery.com)
- Oil Sands Safety Association (ossa-wb.ca)
- Petroleum Services Association of Canada (psac.ca)

Construction Industry information

- Alberta Construction Safety Association (acsa-safety.org)
- Building Trades of Alberta (buildingtradesalberta.ca)

- Construction Owners Association of Alberta (coaa.ab.ca)
- Fort McMurray Construction Association (fmca.net)
- Merit Contractors Association (meritalberta.com)
- Urban Development Institute Wood Buffalo (udiwoodbuffalo.com)

Government

- Energy Resources Conservation Board (ercb.ca)
- Alberta Energy (energy.alberta.ca)
- Alberta Employment and Immigration (employment.alberta.ca)
- Government of Alberta—Oil Sands (oilsands.alberta.ca)
- Map of Major Alberta Oil Sands Projects (energy.alberta.ca)

Career and job search resources

- Wood Buffalo Labour Market Information at woodbuffalo.net:
 - [Career resource links](#)
 - [Recruiting agencies](#)
 - [Job boards](#)
 - [Local career services](#)
 - [Employer website links](#)

- Labour Market Information at employment.alberta.ca/lmi:
 - [Employment rates](#)
 - [Industry profiles](#)
 - [Labour market forecast](#)
- Labour Market News at woodbuffalo.net:
 - [Employment in the oil sands](#)
 - [Finding a job in Fort McMurray](#)
 - [In-situ oil sands jobs](#)
- Alberta Learning Information Service (alis.alberta.ca)
- Apprenticeships and Industry Training (tradesecrets.alberta.ca)
- Careers in Construction (careersinconstruction.ca and tradeupalberta.com)
- Careers in Oil and Gas (careersinoilandgas.com)
- Construction Job Store (ab.constructionjobstores.com)
- Job Order Bank Service (JOBS) (www.jobbank.gc.ca)
- Keyano College (keyano.ca)
- Petroleum Human Resource Council (petrohrsc.ca)
- Red Seal (Interprovincial trade standards) (red-seal.ca)
- Women Building Futures (womenbuildingfutures.com)

SOURCES AND CREDITS

This report was written by Applications Management Consulting. Information in this report was gathered from a variety of sources including but not limited to: *Oilsands Review* magazine, JuneWarren-Nickle's Energy Group; *Alberta Oil Sands Industry Quarterly Update*, Summer 2011, Government of Alberta; *Oil Sands Project List*, June 2011, Oil Sands Developers Group; news releases, media reports and articles; corporate websites and industry contacts.

Photos are courtesy of: Suncor Energy, Syncrude, Canadian Natural Resources Ltd., Connacher Oil and Gas and Nexen Inc. Map is courtesy of the Regional Municipality of Wood Buffalo (woodbuffalo.ab.ca).

OIL SANDS PROJECT LOCATIONS

Most oil sands projects in the Regional Municipality of Wood Buffalo (RMWB) are located in remote areas north and south of Fort McMurray. Fort McMurray is the largest community in the municipality with a population of over 76,000. An additional 27,500 people live in the region, including approximately 23,000 in work camps.

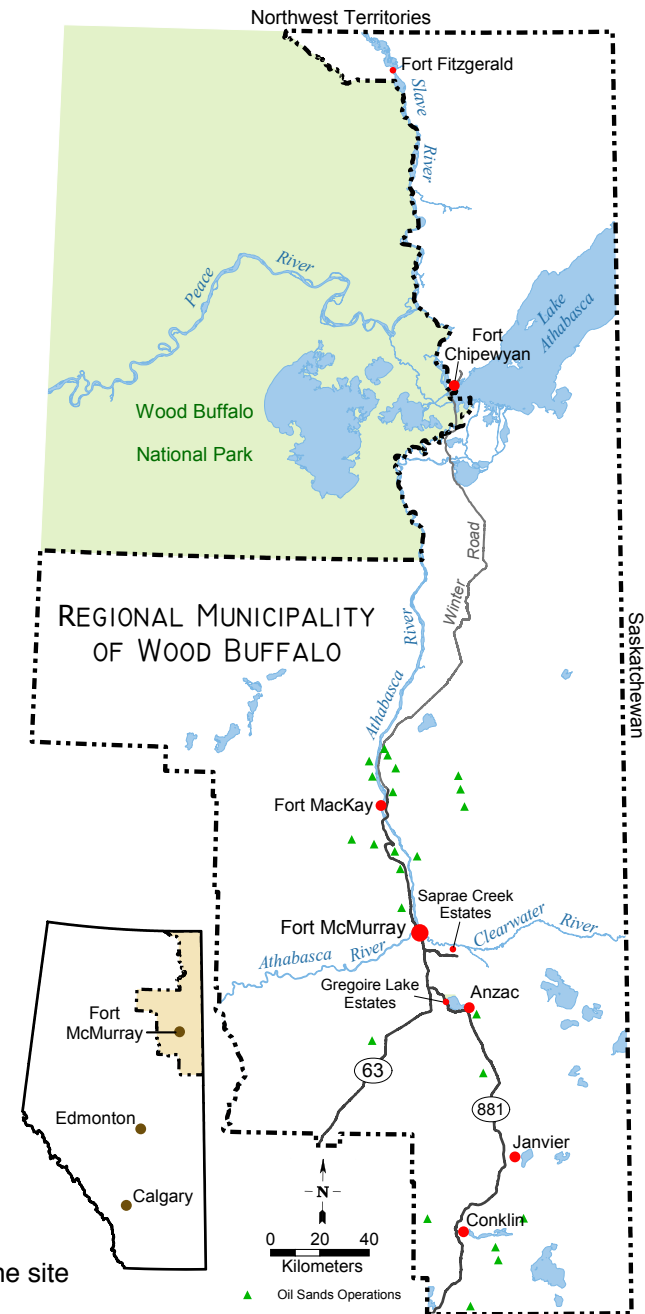
The map at right shows the location of oil sands operations around the region in relation to Fort McMurray and smaller communities including Fort MacKay, Anzac, Janvier and Conklin. (Oil sands operations are marked by a green triangle symbol while communities are marked by a red dot. The size of the red dot indicates the size of the community.)

For a more detailed map showing developments by different companies, you can go online to the Oil Sands Developers Group (OSDG) website. The OSDG has created an interactive map which shows oil sands developments in Alberta, including the RMWB. Go online to oilsandsdevelopers.ca and click on Oil Sands Map in the menu bar. Once there, you can search for both surface mining and in-situ projects.

QUICK FACT

The population of Fort McMurray increased by 6.1% from 2008 to 2010. The population of Fort McMurray in 2010 was 76,797, with 4,434 new residents moving here since 2008. The total municipal population in 2010 was 104,338, including work camps in the region.

Source: *Regional Municipality of Wood Buffalo 2010 Municipal Census*, woodbuffalo.ab.ca



MINING



Operating		Operations jobs at mine sites include: Heavy equipment operators, process operators/power engineers/plant operators, maintenance trades and technologists, engineers, technicians and technologists, occupational health and safety, planning, administration and management. Jobs such as security, janitorial and truck/bus driving are usually with contracted companies. <i>See the list of projects at the end of this document for contact information.</i>		
Company	Project	Phase	Operating since	Notes and links
Athabasca Oil Sands Project (Shell Albian Sands)	Muskeg River Mine	Existing Facilities	2002	
	Jackpine Mine	Phase 1A	2010	
Canadian Natural Resources Ltd.	Horizon Mine	Phase 1	2008	
		Phase 2/3 Tranche 1	2007	
Suncor Energy	Millennium & Steepbank Mines	Millenium Mine	1967	
		Steepbank Debottleneck	2007	
		Millennium Debottlenecking	2008	
		North Steepbank Extension	2010	Some construction still underway.
Syncrude	Mildred Lake & Aurora North Mines	Stages 1 and 2	1978	Several major construction and maintenance projects are ongoing at the existing mine sites.
		Stage 3 Expansion	2006	

‡ Indicates a status change since the previous quarterly report.

Under Construction		Construction jobs at mine sites are often with contractors, and not directly with the miner operator. Jobs include: Heavy equipment operators, construction trades, labourers, truck/bus drivers, engineers, technicians and technologists, occupational health and safety, administration and management. See the list of projects at the end of this document for contact information.		
Company	Project	Phase	Start-up	Notes and links
Canadian Natural Resources Ltd.	Horizon Mine	Phase 2/3 Tranche 2	2012 [‡]	Engineering and site clearing complete.
Imperial Oil	Kearl Lake Mine	Phase 1	2012	Construction was almost 70 per cent complete as of August 2011.
‡ Indicates a status change since the previous quarterly report.				

Proposed		Proposed projects included in this report are projects which are active in previous phases and/or can reasonably be expected to start construction within two years. Prior to construction, significant engineering, exploration and regulatory activity may occur.			
Company	Project	Phase	Projected start-up	Regulatory status*	Notes and links
Athabasca Oil Sands Project	Jackpine Mine	Phase 1B	TBD	Approved	
	Muskeg River Mine	Expansion and debottlenecking	TBD	Approved	
Canadian Natural Resources Ltd.	Horizon Mine	Phase 2A	2014 [‡]	Approved	CNRL plans to divide Phases 2 & 3 into 46 individual projects and limit work to a maximum of 5,500 workers on site at any time.
		Phase 2B	TBD	Approved	
Imperial Oil	Kearl Lake Mine	Phase 2	TBD	Approved	Phase 1 construction 68 per cent complete.
SilverBirch Energy / Teck Cominco [‡]	Frontier and Equinox	Phase 1	2020 [‡]	Disclosure	Application expected to be filed Q4 2011 for integrated Frontier/Equinox project.
		Phases 2-4	TBD	Disclosure	
Suncor Energy	Voyageur South	Phase 1	TBD	Application	Suncor's 2011 capital spending plan did not include restart of Voyageur South mine construction; however, the Voyageur Upgrader project construction will restart.
	Fort Hills	Phase 1	2016	Approved	Subject to sanction, Suncor and new project partner Total E&P will jointly develop Fort Hills with expected operational date in 2016.

Proposed		Proposed projects included in this report are projects which are active in previous phases and/or can reasonably be expected to start construction within two years. Prior to construction, significant engineering, exploration and regulatory activity may occur.			
Company	Project	Phase	Projected start-up	Regulatory status*	Notes and links
Syncrude	Aurora South	Train 1	2016‡	Approved‡	
		Train 2	2018‡	Approved‡	
	Mildred Lake & Aurora North	Stage 3 Debottleneck	TBD	Announced	
Total E&P	Joslyn North Mine	Phase 1	2018‡	Application	In partnership with Suncor Energy and subject to regulatory approval, sanctioning is expected in 2012. Engineering under way.
	Joslyn South Mine	Phase 1	TBD	Announced	
<p>* Regulatory status definitions: Approved: Projects that have received regulatory approvals. Application: Projects that have filed applications that are being reviewed by regulatory agencies. Disclosure: Projects that have issued formal public disclosures but have not filed applications. Announced: Projects that have been announced but have not issued formal public disclosures. ‡ Indicates a status change since the previous quarterly report.</p>					

IN-SITU



Operating		Operations jobs at in-situ sites include: Process operators/power engineers/plant operators, engineers, engineering technologists, occupational health and safety, maintenance trades and technologists, administration and management. <i>See the list of projects at the end of this document for contact information.</i>		
Company	Project	Phase	Operating since	Notes and links
BlackPearl [‡]	Blackrod	Pilot	2011 [‡]	Steam injection started May 2011.
Cenovus Energy	Christina Lake	Phase 1A	2002	Phase C operating as of June 2011; construction completed ahead of schedule.
		Phase 1B	2008	
		Phase 1C [‡]	2011 [‡]	
	Foster Creek	Phases A/B/C	2001	Located south of Regional Municipality of Wood Buffalo boundaries.
Phases D/E	2009			
Connacher Oil and Gas	Great Divide	Pod 1	2007	
		Pod 2 (Algar)	2010	
ConocoPhillips	Surmont	Phase 1	2007	Phase 2 under construction.
Devon Energy	Jackfish	Jackfish 1	2007	First steam under way for Jackfish 2 with production expected by year end.
		Jackfish 2 [‡]	2011 [‡]	

Operating	Operations jobs at in-situ sites include: Process operators/power engineers/plant operators, engineers, engineering technologists, occupational health and safety, maintenance trades and technologists, administration and management. <i>See the list of projects at the end of this document for contact information.</i>			
Company	Project	Phase	Operating since	Notes and links
E-T Energy	Poplar Creek	Pilot	2007	
JACOS	Hangingstone	Pilot	1999	
Laricina Energy	Saleski	Pilot carbonate demonstration	2011 [‡]	Project is located outside RMWB boundaries.
MEG Energy	Christina Lake	Phase 1	2008	
		Phase 2A	2009	
Nexen	Long Lake	Phase 1	2007	
Petrobank	Whitesands	Pilot	2006	THAI demonstration project.
Statoil Canada	Kai Kos Dehseh	Leismer Demonstration	2010	First production achieved.
Suncor Energy	Firebag	Phase 1	2004	
		Phase 2	2006	
	Mackay River	Phase 1	2002	
Sunshine Oilsands Corp. [‡]	Harper	Carbonate Pilot	2011 [‡]	
‡ Indicates a status change since the previous report.				

Under Construction		Construction jobs at mine sites are often with contracted construction companies. Jobs include: Heavy equipment operators, construction trades, labourers, rig technicians, engineers, engineering technologists, occupational health and safety, administration and management. <i>See the list of projects at the end of this document for contact information.</i>		
Company	Project	Phase	Start-up	Notes and links
Genovus Energy	Christina Lake	Phase 1D	2013	Phase D construction 60% complete and ahead of schedule.
Canadian Natural Resources Ltd.	Kirby (South)	Phase 1	2013 [‡]	Construction 20% complete with first steam expected late 2013.
ConocoPhillips	Surmont	Phase 2	2015	Initial earthworks under way.
Harvest Operations	BlackGold	Phase 1	2013 [‡]	
Husky Energy	Sunrise	Phase 1	2014	
	McMullen [‡]	Air Injection Pilot	2011 [‡]	Regulatory approval received early 2011.
Laricina Energy [‡]	Germain	Pilot	2012	
MEG Energy [‡]	Christina Lake	Phase 2B	2013	Construction 15% complete. Ongoing construction includes piling, concrete, vessel fabrication and completion of a work camp.
Southern Pacific Resource [‡]	STP-McKay	Phase 1	2013 [‡]	Drilling of first well pad complete; second pad is 50% complete.
Suncor Energy	Firebag	Phase 3	2011	Steam injection into Phase 3 has started.
		Phase 4	2013	Construction of well pads, plant and cogeneration facility proceeds on Phase 4.
‡ Indicates a status change since the previous report.				

Proposed					
Proposed projects included in this report are projects which are active in previous phases and/or can reasonably be expected to start construction within two years. Prior to construction, significant engineering, procurement, exploration and regulatory activity may occur.					
Company	Project	Phase	Projected start-up	Regulatory status*	Notes and links
Alberta Oilsands	Clearwater West	Pilot	2012 [‡]	Application	
		Phase 2	2016 [‡]	Announced	
Athabasca Oil Sands Corp.	MacKay	Phase 1	2014	Approved [‡]	
	Dover	Phase 1	2015	Announced	Application expected late 2011.
	Dover West [‡]	Phase 1	2016	Announced	Application expected late 2011.
	Hangingstone	Phase 1 [‡]	2013 [‡]	Application [‡]	Application filed March 2011.
BlackPearl	Blackrod	Commercial [‡]	TBD	Announced	Pilot operating as of May 2011.
Canadian Natural Resources Ltd.	Grouse	Phase 1	2017 [‡]	Announced	
	Kirby North [‡]	Phase 1	2016	Announced	
Cenovus Energy	Christina Lake	Phase 1E	2014	Approved	Engineering for Phase 1E and preliminary site preparation for Phase 1F expected in 2011. Partner approval for Phase E received.
		Phase 1F	2016	Approved [‡]	
		Phase 1G	2017	Approved [‡]	
	Foster Creek	Phase 1F	2014	Approved	Project is located south of RMWB. Engineering and site preparation under way (pilings and concrete).
		Phase 1G	2016	Approved	
	Narrows Lake	Phases A-C	2016	Application	
Grand Rapids	Phase A	2017	Announced	Pilot project well pair under way.	
Connacher Oil and Gas	Great Divide	Expansion	2013	Application	
Devon Energy	Jackfish	Jackfish 3	2015	Application	Project has corporate sanctioning. Regulatory application was filed in 2010.
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Proposed					
Proposed projects included in this report are projects which are active in previous phases and/or can reasonably be expected to start construction within two years. Prior to construction, significant engineering, procurement, exploration and regulatory activity may occur.					
Company	Project	Phase	Projected start-up	Regulatory status*	Notes and links
E-T Energy	Poplar Creek	Phase 1	2014 [‡]	Application	
Grizzly Oil Sands	Algar Lake	Phase 1	2013	Application	Engineering and procurement awarded.
		Phase 2	2014 [‡]	Application	
Harvest Operations	BlackGold	Phase 2	2015 [‡]	Application	Ground broken on Phase 1.
Husky Energy	Sunrise	Phase 2	2016 [‡]	Approved	Phase 1 under construction.
		Phase 3	TBD	Approved	
Ivanhoe Energy	Tamarack	SAGD Pilot	2014	Application	
JACOS (Japan Canada Oil Sands)	Hangingstone	Phase 1	2014 [‡]	Application	
Laricina Energy	Germain	Phase 2	2014 [‡]	Announced	Both projects are located west of RMWB boundaries.
	Saleski	Phase 1	2013 [‡]	Application	
MEG Energy	Christina Lake	Phase 3A	2016 [‡]	Application	
		Phase 3B	2018 [‡]	Application	
Nexen	Long Lake	Phase 2	TBD	Application [‡]	
		Phase 3	TBD	Application [‡]	
	Long Lake South (Kinosis)	Phases 1 and 2	TBD	Approved	
Petrobank	May River	Phase 1	2013 [‡]	Application	Engineering, procurement and construction management contracts awarded.
	Whitesands	Expansion	TBD	Approved	Expansion on hold.
<p>* Regulatory status definitions: Approved: Projects that have received regulatory approvals. Application: Projects that have filed applications that are being reviewed by regulatory agencies. Disclosure: Projects that have issued formal public disclosures but have not filed applications. Announced: Projects that have been announced but have not issued formal public disclosures. [‡] Indicates a status change since the previous quarterly report.</p>					

Proposed		Proposed projects included in this report are projects which are active in previous phases and/or can reasonably be expected to start construction within two years. Prior to construction, significant engineering, procurement, exploration and regulatory activity may occur.			
Company	Project	Phase	Projected start-up	Regulatory status*	Notes and links
Southern Pacific Resource	STP-McKay	Phase 2A‡	2015‡	Announced	Phase 1 construction started.
Statoil Canada	Kai Kos Dehseh (Leismer)	Commercial	2012-2014	Application	Demonstration operating as of Sept. 2010.
		Expansion	TBD	Application	
	Kai Kos Dehseh	Corner	2015‡	Application	
		Thornbury	TBD	Application	
Suncor Energy	Firebag	Phase 5	2018	Approved	Phases 3 and 4 under construction.
		Phase 6	2019	Approved	
	Mackay River	Phase 2	2016	Application‡	Development restarted in 2011.
Sunshine Oilsands Corp.	Thickwood‡	Phase 1	2014	Announced	
	West Ells‡	Phase 1	2012	Application	Front end engineering started; construction expected to begin in Winter 2011.
		Phase 2	2013	Application‡	
Total E&P	Joslyn	Phases 1 and 2	-	Suspended	Total is determining status of this lease.
Value Creation	Terre de Grace	Pilot	TBD	Approved	
		Phase 1 & 2	TBD	Announced	
	TriStar	Pilot	2012‡	Application	

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UPGRADERS



Operating	<p>Operations jobs at upgraders include: Process operators/power engineers/plant operators, engineers, technicians and technologists, occupational health and safety, maintenance trades and technologists, administration and management. Upgraders also regularly undergo maintenance shutdowns which require large numbers of workers. These workers are usually employed by construction or oil and gas service companies. See the list of projects at the end of this document for contact information.</p>			
Company	Project	Phase	Operating since	Notes and links
Canadian Natural Resources Ltd.	Horizon Upgrader	Phase 1	2008	
Nexen	Long Lake Upgrader	Phase 1	2008	
Suncor Energy	Base	U1 and U2	1967	
	Millennium	Vacuum Unit	2005	
		Coker Unit	2008	
Syncrude	Mildred Lake Upgrader	Stages 1 and 2	1978	
		Stage 3 Expansion	2006	

Proposed		Proposed projects included in this report are projects which are active in previous phases and/or can reasonably be expected to start construction within two years. Prior to construction, significant engineering, planning and regulatory activity may occur.			
Company	Project	Phase	Projected start-up	Regulatory status	Notes and links
Canadian Natural Resources Ltd.	Horizon Upgrader	Phase 2A	2014‡	Approved	
		Phase 2B	TBD	Approved	
Nexen	Long Lake Upgrader	Phase 2	TBD	Approved	
		Phase 3	TBD	Announced	
Suncor Energy	Voyageur Upgrader	Phase 1	2016‡	Approved	Subject to sanctioning, construction on Voyageur Upgrader is expected to resume in late 2011 with new partner Total E&P.
		Phase 2	TBD	Approved	
Synchrude	Mildred Lake Upgrader	Stage 3 debottleneck	TBD	Announced	
		Stage 4 Expansion	TBD	Announced	
Value Creation	Terre de Grace Upgrader	Phases 1-2	TBD	Application‡	
	TriStar	Upgrading Pilot Project	TBD	Application	

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Contact Information

The following tables provide contact information for oil sands companies listed in this report. Where available, specific links to projects, career pages or contractor information are included (blue text). Note that in many cases the most up-to-date project information is available in corporate media or news releases as found on the main websites below.

For links to construction and maintenance companies operating in the area, see woodbuffalo.net/linksEMPL7NOC.html.

Project Contact Information				
Company	Projects	Main website	Careers/Jobs	Contractors
Alberta Oilsands	Clearwater West	aboilsands.ca		
Athabasca Oil Sands Corp.	MacKay Dover and Dover West Hangingstone	aosc.com	Careers	
Athabasca Oil Sands Project (Shell, Albian Sands Energy)	Jackpine Mine Muskeg River Mine	shell.ca	shell.ca/careers	Contracting and Procurement for AOSP
BlackPearl	Blackrod	blackpearlresources.ca	Careers	
Canadian Natural Resources Ltd.	Horizon Mine and upgrader Grouse Kirby	cnrl.com	All jobs: cnrl.com/careers In-situ oil sands jobs Horizon oil sands jobs	Horizon contracting opportunities
Genovus Energy	Christina Lake Foster Creek Narrows Lake Grand Rapids	cenovus.com	Careers	Contractors
Connacher Oil and Gas	Great Divide	connacheroil.com	Careers	
ConocoPhillips	Surmont	conocophillips.ca	Careers	Vendor Relations
Devon Energy	Jackfish	devonenergy.com	Careers	

Project Contact Information				
Company	Projects	Main website	Careers/Jobs	Contractors
E-T Energy	Poplar Creek	e-tenergy.com	Employment	
Grizzly Oil Sands	Algar Lake	grizzlyoilsands.com	Careers	
Harvest Operations Corp.	BlackGold	harvestenergy.ca	harvestenergy.ca/careers	
Husky Energy	Sunrise McMullen	huskyenergy.ca	huskyenergy.com/careers	Business opportunities
Imperial Oil	Kearl Lake Mine	imperialoil.ca	Careers (all Imperial Oil) Kearl Lake Jobs	
Ivanhoe Energy	Tamarack	ivanhoe-energy.com	Careers	
JACOS (Japan Canada Oil Sands)	Hangingstone	jacos.com	Careers	Services and supplies
Laricina Energy	Germain Saleski	laricinaenergy.com	laricinaenergy.com/careers	
MEG Energy	Christina Lake	megenergy.com	Careers	
Nexen	Long Lake Long Lake South (Kinosis) Long Lake Upgrader	nexeninc.com	Careers	Contractors and Suppliers
Petrobank	May River Whitesands	petrobank.com	Careers	
SilverBirch Energy	Frontier Equinox	silverbirchenergy.com	Careers	
Southern Pacific Resource	STP-McKay	shpacific.com	Careers	
Statoil Canada	Kai Kos Dehseh (Corner) Kai Kos Dehseh (Leismer)	statoil.com	Careers	Procurement
Suncor Energy	Base Upgrader Mining (Millennium Mine, Voyageur South, Fort Hills) In-situ (Firebag, Mackay River)	suncor.com	suncor.com/careers	Working with us

Project Contact Information				
Company	Projects	Main website	Careers/Jobs	Contractors
Sunshine Oilsands Corp.	Harper Thickwood West Ells	sunshineoilsands.com	Careers	
Syncrude	Mildred Lake & Aurora North Aurora South Upgrader	syncrude.ca	syncrude.ca/careers	Procurement
Total E&P	Joslyn Fort Hills	total-ep-canada.com	Careers	Contact the Community Engagement office for a questionnaire.
Value Creation	Terre de Grace TriStar	vctek.com	Careers	