

Appendix B

B. Project Application Forms and Approvals

- Application for Royalty Terms Under the Oil Sands Royalty Regulation, 1997 (AR 185/97)
- Economic Evaluation Data (In-Situ)
- Ministerial Order (Oil Sands Royalty Project Approval Order)

Reference: Section 3 – Applying for Generic Royalty Terms in the Oil Sands Royalty Guidelines

APPLICATION FOR ROYALTY TERMS UNDER THE OIL SANDS ROYALTY REGULATION, 1997 (AR 185/97)

PROJECT STATUS

- New Project
- Project Amendment (indicate type)
 - Project Expansion
 - Project Amalgamation
 - Other (explain)
- Application in the Alternative

DEFINITIONS

“**The regulation**” refers to the Oil Sands Royalty Regulation, 1997 (AR 185/97). Section references (s.) refer to the regulation.

“**The Department**” refers to the Alberta Department of Energy.

A **new project** is an oil sands project that has not commenced production or a project for which royalty is currently calculated under the *Oil Sands Royalty Regulation, 1984* (AR 166/84).

A **project amendment** is an amendment to a currently approved oil sands royalty project.

- Project **expansions** add lands or facilities, usually from a new or amended Alberta Energy and Utilities Board (EUB) approval.
- Project **amalgamations** combine two or more projects into one project for the purposes of the regulation.
- **Other** amendments include the Department-sanctioned removal of lands or facilities, or other significant changes to the initial project description issued when the project was approved.

An **application in the alternative** means that the Department will initially treat the application as a project amendment application but if, after reviewing the amendment, it cannot be approved the application will be reviewed as an application for a new project.

PROJECT OWNERSHIP

s. 15 **Project Owner(s)**

Identify and provide contact information for all project owners.

When there is more than one owner, identify each owner's equity percentage and include a copy of the operating agreement.

s. 16(1)
&

Freehold Interests

s. 15(2) When the project includes freehold rights, include a copy of the unit agreement. Project applications that propose the inclusion of freehold lands but do not submit a unit agreement will not be approved.

s. 19
&

Qualifying Joint Ventures

s. 16(2) Applicants, who feel their projects are qualifying joint ventures, as defined by the regulation, must include a copy of the joint venture agreement.

PROJECT IDENTIFICATION

Include the following information.

- project name (and OSR project approval number, if the application is for an amendment)
- project contact person, including the contact person's
 - name
 - title
 - company
 - mailing address
 - courier address (as appropriate)
 - telephone number and area code
 - fax number and area code
 - e-mail address

The contact person is often the project operator. All project-related issues and correspondence are directed to the project contact person. The project operator is responsible for notifying the Department if contact information changes.

s. 16(2)(v) ▪ project operator

If the operator is not the sole owner, attach a copy of the operating agreement to validate the operator's legal authority to represent the project owners.

PROJECT OVERVIEW

Provide a summary of the project's history and development plans, including

- a description of the lands and facilities included within the proposed project
- the dates when lands and leases were acquired
- the locations of the first wells on the project site and the dates they were drilled
- annual production to date
- other relevant details

Applications pertaining to project amendments must describe the relationship between the proposed amendment and the existing project. Applications that do not provide this information will not be processed.

PROJECT DESCRIPTION

Information provided in this section is the basis of the project description issued as part of an oil sands royalty project approval order. If the project application includes errors in defining the project, lands and facilities may be excluded from the project description. Costs may be disallowed as a result.

S. 17(1) **Alberta Energy and Utilities Board Approvals**

The production schemes, operations, processing plants, wells and facilities of a proposed oil sands royalty project must all be approved by the Alberta Energy and Utilities Board (EUB).

Describe each project component and include a copy of the relevant EUB application(s) and approval(s). Note any specific terms or conditions required by the EUB. Related applications and approvals for separate facilities (central batteries, processing plants (cleaning and treating plants, upgraders), sand disposal facilities, pipelines, etc.) must also be included.

All required EUB approvals must be in place before an oil sands royalty project can be approved.

S. 17(1) **Lands, Leases and Mineral Rights**

Provide the following information about the project development area:

- project land
 - legal land descriptions (section, township, range and meridian) that define the surface areas included in the project
 - A map showing the area, the project and facilities must be included.
- project leases
 - the lease number and lease description for all leased lands included within the project
 - the subsurface strata (geological names and zone designations or deeper rights reversion zone designation) and deposits from which oil sands products will be recovered

Project Operations

Describe the following:

- the recovery methods and technology that will be used
- the oil sands products that will be recovered or processed
- information on development plans or production profile

Facilities and Other Capital Assets

Provide the following information about each facility and asset required to produce the proposed oil sands products:

- the function
- the location
- the facility name and identification code, if available
- the appropriate EUB approvals or permits

If the proposed project includes wells, provide the unique well identifier and Finished Drilling Date for each well.

Identify all off-project lands facilities and assets and all shared (co-owned) facilities. Specify each owner's equity share.

FINANCIAL DETAILS

Financial information submitted by an oil sands royalty project applicant is kept confidential. All financial information is subject to verification by Department of Energy auditors. The project operator must also include an electronic file describing the transaction of capital and operating expenses claimed that reconciles with the total amounts claimed on the PNCB. This file should include enough information to allow the Department of Energy auditors to trace a transaction to its supporting documentation.

s. 18(1) & s. 15(5)

Use the Department's prior net cumulative balance (PNCB) forms (or in-house equivalents) to itemize all project costs and revenues. PNCB forms can be downloaded from the Department website. An authorization of expenditure (AFE) or comparable budgetary approval document must be included with each form.

Submit a separate PNCB form for each scheme or operation proposed for inclusion in the oil sands royalty project.

- Calculation of Prior Net Cumulative Balance: Summary
 - This form summarizes the costs and revenues for the appropriate period. Provide information for all the categories included on this form.
- Prior Net Cumulative Balance: Cost Detail
 - Complete a cost detail form for each year reported on the PNCB summary. For all capital assets, cross-reference the corresponding AFE number on a separate sheet. NOTE: The

categories included on the cost detail form are intended as examples. Project applicants may substitute the listed categories with ones that reflect their particular operations.

- Provide proposed allocations between project and non-project assets (if applicable)
- **Prior Net Cumulative Balance: Revenue Detail**
 - Complete a revenue detail form for each year reported on the summary form. Provide information for all the categories included on this form.

SIGNATURES

s. 15(5) Applications for oil sands projects must be signed by an authorized officer who represents the project owner or the owner’s designee and by the individual who prepared the application.

These signatures

- verify that the information included in the application is accurate
- authorize the Department to audit the information and to access additional project records, if required
- confirm that the applicant accepts responsibility for reporting project changes to the Department
- confirm the applicant’s willingness to comply with the provisions of the *Oil Sands Royalty Regulation, 1997 (AR 185/97)*

Required Text for Signature Lines

We confirm the preceding information to be accurate and consent to provide the Department with access to all records relating to any physical or financial component necessary to verify the project’s prior net cumulative balance. We agree to abide by the provisions of the *Oil Sands Royalty Regulation, 1997 (AR 185/97)*, and the Oil Sands Royalty Guidelines that support it.

We understand that it is our responsibility to report to the Department any changes made to the project, and that these changes may require an application to amend the oil sands royalty project approval for continued application of the provisions of the *Oil Sands Royalty Regulation, 1997 (AR 185/97)*.

Authorized Officer	Person Who Completed the Application
Name _____	Name _____
Signature _____	Signature _____
Position _____	Position _____

COMPLETED APPLICATIONS SHOULD BE SUBMITTED TO:

Steve Tkalcic, Director - Engineering & Operations
 Oil Sands Business Unit, Oil Development Division
 Alberta Department of Energy
 North Petroleum Plaza,
 9945 - 108 Street
 Edmonton, Alberta Canada T5K 2G8

QUESTIONS? Contact Steve Tkalcic at (780) 422-9121. Email: Steve.Tkalcic@gov.ab.ca



Oil Sands - Economic Evaluation Data (In-Situ) - Notes

Notes:

1. New project or Approved OSR
 - Economic data relating to a NEW project or to CURRENT approved OSR project
2. Amendment Application (not required for NEW project application)
 - Incremental economic data - assuming the project would be a stand-alone royalty project (i.e. as if it was owned by a third party)
 - data relating to the incremental wells only
3. OSR Amended Project (not required for NEW project application)
 - data relating to the combined project: OSR approved project + Amendment

The Department of Energy is requesting information on production, prices and costs based on the operator's best estimate. The Department, however, reserves the right to adjust any or all of the data provided while doing its internal review/analysis.

Last Updated: July 2005



Oil Sands - Economic Evaluation Data (In-Situ) - for New Project Applications or Existing Projects

New Project #: EUB approval # OR Existing OSR Project #: OSR ###

Project Name: Enter Name assigned to Project

Operator Name: Enter Name of Operator

Operator ID: Enter Operator ID

Notes:

API
Sulphur %
TAN

Diluent/Bitumen Ratio
Stream

General Information:

First Production Date YYYY Enter Year
Last Production Date YYYY Enter Year

Opening unrecovered balance \$0 PNCB (thousands (000's))

Data is real dollars starting YYYY Enter Year to Start Inflation

Thousands (000's)

Year ¹	Bitumen production volumes (m3)	# of Producing Wells	# of Injector Wells	Bitumen price (\$/m3)	Net Gas Production/Consumption (GJ) ²	Natural Gas Price (\$/GJ)	Non-gas Variable Opex (\$/m3)	Fixed Opex (\$/well-yr)	Opening Unrecovered Balance	Other Net Proceeds	Gross Revenue	1% Gross Revenue Crown Royalty	25% Net Revenue Crown Royalty	Crown Royalty Payable	Total Operating Costs	Capital Expenditures - Sustaining	Capital Expenditures - Strategic	Capital Expenditures - Abandonments	Unrecovered Balance before Return Allowance	Return Allowance Rate	Unrecovered Balance After Return Allowance
2006	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2007	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2008	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2009	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2010	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2011	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2012	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2013	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2014	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2015	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2016	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2017	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2018	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2019	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2020	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2021	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2022	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2023	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2024	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2025	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2026	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2027	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2028	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2029	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2030	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2031	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2032	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2033	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2034	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2035	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2036	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2037	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2038	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2039	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2040	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2041	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2042	0.00	0	0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
Total	0.00										0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	0.00

NPV at 6.00% \$0.00

¹ Start at year that matches previously reported PNCB number . If, for example, PNCB was reported in the application to the department for the period ending June 2003, then the data in this table should start as of July 2003 (half-year) and then full years thereafter

² Enter gas consumption as negative



Oil Sands - Economic Evaluation Data (In-Situ) - Project Application Amendment

New Project: EUB approval #

Project Name: Enter Name assigned to Project

Operator Name: Enter Name of Operator

Operator ID: Enter Operator ID

Forecast Effective Date: YYYY MM DD

Notes:

General Information:

First Production Date: YYYY Enter Year
 Last Production Date: YYYY Enter Year

Opening unrecovered balance: \$0 PNCRB (thousands (000's))

Data is real dollars starting YYYY Enter Year to Start Inflation

API
 Sulphur %
 TAN
 Diluent/Bitumen Ratio
 Stream

Thousands (000's)

Year ¹	Bitumen production volumes (m3)	# of Producing Wells	# of Injector Wells	Bitumen price (\$/m3)	Net Gas Production/Consumption (GJ) ²	Natural Gas Price (\$/GJ)	Non-gas Variable Opex (\$/m3)	Fixed Opex (\$/well-yr)	Opening Unrecovered Balance	Other Net Proceeds	Gross Revenue	1% Gross Revenue Royalty	25% Net Revenue Royalty	Crown Royalty Payable	Total Operating Costs	Capital Expenditures - Sustaining	Capital Expenditures - Strategic	Capital Expenditures - Abandonments	Unrecovered Balance before Return Allowance	Return Allowance Rate	Unrecovered Balance After Return Allowance
2006	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2007	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2008	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2009	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2010	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2011	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2012	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2013	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2014	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2015	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2016	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2017	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2018	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2019	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2020	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2021	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2022	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2023	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2024	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2025	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2026	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2027	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2028	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2029	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2030	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2031	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2032	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2033	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2034	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2035	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2036	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2037	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2038	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2039	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2040	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2041	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
2042	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00
Total	0.00										\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00

NPV at 6.00% \$0.00

Notes

¹ Start at year that matches previously reported PNCRB number . If, for example, PNCRB was reported in the application to the department for the period ending June 2003, then the data in this table should start as of July 2003 (half-year) and then full years thereafter

² Enter gas consumption as negative



Oil Sands - Economic Evaluation Data (In-Situ) - Amended Project

OSR Project Number: OSR ###

Project Name: Enter Name assigned to Project

Operator Name: Enter Name of Operator

Operator ID: Enter Operator ID

Forecast Effective Date: YYYY MM DD

Notes:

General Information:

First Production Date: YYYY Enter Year

Last Production Date: YYYY Enter Year

Opening unrecovered balance: \$0 PNCB (thousands (000's))

Data is real dollars starting YYYY Enter Year to Start Inflation

API
Sulphur %
TAN

Diluent/Bitumen Ratio
Stream

Thousands (000's)

Year ¹	Bitumen production volumes (m3)	# of Producing Wells	# of Injector Wells	Bitumen price (\$/m3)	Net Gas Production/Consumption (GJ) ²	Natural Gas Price (\$/GJ)	Non-gas Variable Opex (\$/m3)	Fixed Opex (\$/well-yr)	Opening Unrecovered Balance	Other Net Proceeds	Gross Revenue	1% Gross Revenue Crown Royalty	25% Net Revenue Crown Royalty	Crown Royalty Payable	Total Operating Costs	Capital Expenditures - Sustaining	Capital Expenditures - Strategic	Capital Expenditures - Abandonments	Unrecovered Balance before Return Allowance	Return Allowance Rate	Unrecovered Balance After Return Allowance	
2006	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2007	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2008	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2009	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2010	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2011	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2012	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2013	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2014	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2015	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2016	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2017	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2018	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2019	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2020	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2021	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2022	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2023	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2024	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2025	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2026	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2027	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2028	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2029	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2030	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2031	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2032	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2033	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2034	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2035	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2036	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2037	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2038	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2039	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2040	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2041	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
2042	0.00	0	0	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00%	\$0.00	
Total	0.00																					

NPV at 6.00% \$0.00

Notes

¹ Start at year that matches previously reported PNCB number . If, for example, PNCB was reported in the application to the department for the period ending June 2003, then the data in this table should start as of July 2003 (half-year) and then full years thereafter

² Enter gas consumption as negative



Oil Sands - Economic Evaluation Data (In-Situ) - Project Review Summary

EUB approval #

OSR ###

Enter Name assigned to Project

[Enter Name of Operator]

[Enter Operator ID]

YYYY MM DD

Notes:

	Bitumen volumes	Opening unrecovered balance	Gross revenue	Operating costs	Capital expenditures - sustaining	Capital expenditures - strategic	Capital expenditures - abandonments	Crown royalties - nominal	Crown royalties - discounted 6%
New Application or Existing OSR Project	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
OSR Amendment Application	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Amended OSR Project	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Difference	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

GOVERNMENT OF ALBERTA

DEPARTMENT OF ENERGY

MINISTERIAL ORDER __/2005

I, _____, Business Unit Leader, Oil Sands Development Business Unit, as the delegate of the Minister of Energy under section 8(1)(j) of the *Mines and Minerals Act*, R.S.A. 2000, c. M-17, make, pursuant to section 16 of the *Oil Sands Royalty Regulation, 1997*, A.R. 185/97, Project Approval Order No. OSR0__ as set out in the attached Appendix.

DATED at Edmonton, Alberta, this _____ day of _____, 2005.

**Business Unit Leader
Oil Sands Development Business
Unit
Department of Energy**

Prior Net Cumulative Balance -- Revenue Detail

PNCB - Revenue Detail

Project Operator

Project Name

For the Period *(insert beginning date and end date of Prior Net Cumulative Costs)*

Month	Sales Volume** (m ³)	Sales Revenue (\$)	Less: Handling Charges (- \$)	Other Net Proceeds (\$)	Project Revenue (\$)
January	0.0	\$0	\$0	\$0	\$0
February	0.0	\$0	\$0	\$0	\$0
March	0.0	\$0	\$0	\$0	\$0
April	0.0	\$0	\$0	\$0	\$0
May	0.0	\$0	\$0	\$0	\$0
June	0.0	\$0	\$0	\$0	\$0
July	0.0	\$0	\$0	\$0	\$0
August	0.0	\$0	\$0	\$0	\$0
September	0.0	\$0	\$0	\$0	\$0
October	0.0	\$0	\$0	\$0	\$0
November	0.0	\$0	\$0	\$0	\$0
December	1,000.0	\$200,000	(\$10,000)	\$0	\$190,000
Total	1,000.0	\$200,000	(\$10,000)	\$0	\$190,000

** If more than one oil sands product is sold then the volume and sales revenue must be reported individually.

APPENDIX TO PROJECT APPROVAL ORDER NO. OSR0XX

issued under the authority of the

Mines and Minerals Act

Oil Sands Royalty Regulation, 1997 (AR 185/97)

- (S.16(1)) 1. Project ABC is hereby approved as a Project under and for the purposes of the Oil Sands Royalty Regulation, 1997 (the “Regulation”) in accordance with this Order.
- (S.17(1),(3)) 2. Project ABC comprises
- (a) the operations and assets described in Schedule A to this Project Approval Order No. OSR0XX (Part 1 of Schedule A, excluding Part 2 of Schedule A, being referred to as the “initial Project description”).
- (S.16(2)(a)(ii)) 3. For the purposes of the Regulation, the effective date of the initial Project description is January 1, 2004.
- (S.16(2)(a)(iii)) 4. The prior net cumulative balance in respect of the initial Project description is \$500,000,000, as described in Part 3 of Schedule A to the Project Approval Order No. OSR0XX, effective January 1, 2004, and is subject to verification and, if necessary, adjustment pursuant to an audit performed on behalf of the Crown.
- (S.16(2)(a)(iv)) 5. Project ABC is not a Qualifying Joint Venture Project for the purposes of the Regulation.
- (S.16(2)(a)(v)) 6. The initial Operator of Project ABC is XYZ Corp. Inc.
- (S.16(2)(a)(vi)) 7. This approval is subject to the following conditions:
- (a) The Minister will upon request, be given such access to the financial, production and other records as the Minister considers necessary for the purposes of verification and audit in relation to the prior net cumulative balance of the initial Project description, and may amend the prior net cumulative balance of the initial Project description, in accordance with the Minister's findings. Each time the Minister approves, under the Regulation, an amendment to the ABC Project, if any, the Minister will upon request, be given such access to the

financial, production and other records as the Minister considers necessary for the purposes of verification and audit in relation to the modifications to the prior net cumulative balance attributable to that amendment, and may amend the modifications to the prior net cumulative balance, attributable to that amendment, in accordance with the Minister's findings.

(b) The Minister may, from time to time, add terms and conditions to this approval and amend or delete the terms and conditions of this approval.

8. Attachment 1, Attachment 2 and Attachment 3 to this Project Approval Order No. OSR0XX are added to and form part of this Project Approval Order No. OSR0XX, as Schedule A, Exhibit A of Schedule A and Exhibit B of Schedule A, respectively.

ATTACHMENT 1 TO PROJECT APPROVAL ORDER NO. OSR0XX

Schedule A to Project Approval Order No. OSR0XX Initial Project Description

PART 1: Inclusions

- (S.17(1)(b)(i)) 1. Project ABC occupies the following development areas, referred to as the “Project Leases”, and which are displayed on Exhibit A of this Schedule A:
- a) Portions of Crown oil sands agreement 79XXXXXXXXX, granting the rights to oil sands in the Wabiskaw-McMurray, as described in Zone Designation 3412, underlying the following lands:
 - (i) the northwest quarter of Section XX in Township XX, Range X West of the Xth Meridian;
 - (ii) Section XX in Township XX, Range X West of the Xth Meridian; and
 - (iii) the west half of Section XX in Township XX, Range X West of the Xth Meridian.
- (S.17(1)(b)(ii)) 2. Project ABC occupies the following surface areas, referred to as the “Project Lands”, and which are displayed on Exhibit A of this Schedule A:
- (a) the northwest quarter of Section XX in Township XX, Range X West of the Xth Meridian;
 - (b) Section XX in Township XX, Range X West of the Xth Meridian; and
 - (c) the west half of Section XX in Township XX, Range X West of the Xth Meridian.
- (S.17(3)) 3. Project ABC is limited to the following activities, identified in the Operator’s applications to the Minister under the Regulation, and to the Alberta Energy and Utilities Board (“EUB”) under the Oil Sands Conservation Act, and referred to here as the “Project Operations”:

- (a) recovering Project substances through primary methods;
 - (b) recovering Project substances through thermal methods, such as steam assisted gravity drainage (“SAGD”) technologies, using the horizontal injection-production well pairs identified in Exhibit B, and without the assistance of gaseous or liquid solvents;
 - (c) producing no more than 25,000 m³ of Project substances per month, recovered from Project wells on the Project Lands;
 - (d) obtaining cleaned crude bitumen from Project substances through a processing plant located on Project Lands, blending the cleaned crude bitumen with diluent on Project Lands, temporarily storing the blended cleaned crude bitumen at tank facilities on Project Lands;
 - (e) separating water from the bitumen, for treating, de-oiling and disposal at Project disposal wells located off the Project Lands; and
 - (f) disposing of the cleaned crude bitumen, without further processing into other oil sands products, and transporting the blended cleaned crude bitumen to market by truck.
- (S.17(1)(a)) 4. Until December 31, 2010, the ABC Project will operate under the following Approval, granted by the EUB pursuant to the Oil Sands Conservation Act, for the recovery by steam assisted gravity drainage of crude bitumen from the Wabiskaw-McMurray Deposit in the Athabasca Oil Sands Area:
- (a) EUB Approval No. XXXX, dated January 1, 2002 and expiring December 31, 2010.
- (S.17(3)) 5. Project ABC includes only the crude bitumen production wells described in Exhibit B of this Schedule A and their associated well pads.
- (S.17(3)) 6. Project ABC includes the SAGD injection, observation, water source, water disposal, water monitoring and delineation wells described in Exhibit B of this Schedule A. The ABC Project also includes any subsequent wells, other than crude bitumen wells, and their associated well pads, if any, which:

- (a) were drilled or recompleted after the effective date of the initial Project description;
- (b) have both a surface location and a bottom hole location on the Project Lands; and
- (c) fall within the definition of “Project Operations.”

(S.17(3))

7. Project ABC includes the following facilities, identified in the Operator’s application to the Minister under the Regulation, and to the EUB under the Oil Sands Conservation Act, and referred to here as the “Project Facilities”:

- (a) the SAGD facilities, located on Project Lands, including the steam generator, boiler feedwater treatment system, production treatment equipment, production storage tanks, produced gas system and electrical generators, residing on Project Lands and which are necessary for Project Operations;
- (b) the Class Ib scheme for the disposal of water, operating under EUB Approval No. XXXX, the waste water disposal system, including pipelines and power lines, and the water disposal and water monitoring wells listed on Exhibit B and which are necessary for Project Operations;
- (c) the following crude oil and crude bitumen batteries residing on Project Lands and that are necessary for Project Operations:

(i) Facility Code	Name
(ii) XXXXXXXX	ABC Battery 01-31
(iii) XXXXXXXX	ABC Steam 01-31

- (d) all other project infrastructure, including buildings, access roads, well pads and pad facilities, well heads, pumps and engines, tanks and heaters, steam distribution systems, flares, pipelines, electric power lines, residing on Project Lands and which are necessary for Project Operations;
- (i) including any subsequent facilities, built after the effective date of the initial Project description on the Project Lands, and which fall within the definition of “Project Operations”.

PART 2: Exclusions

- (S.17(3)) 1. Any wells, facilities or infrastructure residing off the Project Lands, unless specifically included in Part 1 as being part of the initial Project description.

PART 3 – Prior Net Cumulative Balance

- (S.18(1)(a)) 1. The prior net cumulative balance of the initial Project description will include all revenues and allowed costs of Project ABC incurred from January 1, 2001 to the effective date of the initial Project description.
- (S.18(1)(a)) 2. The prior net cumulative balance of the initial Project description will also include allowed costs of the Project ABC incurred from November 1, 1999 to December 31, 2000 during which time the Operator was taking diligent and substantial action, through community consultation and baseline environmental surveys, towards obtaining EUB approval for their scheme.

ATTACHMENT 2 TO PROJECT APPROVAL ORDER NO. OSR0XX

Exhibit A of Schedule A to Project Approval Order No. OSR0XX
Project Leases and Project Lands

The following page of Attachment 2 to Project Approval Order No. OSR0XX includes a map displaying the location of the Project Leases and Project Lands. This map is included for the purpose of illustration only. In the event of a discrepancy between this map and the written legal descriptions of the Project Leases, Project Lands and Project Wells in Schedule A, the written legal descriptions in Schedule A will take precedence.

Sample

ATTACHMENT 3 TO PROJECT APPROVAL ORDER NO. OSR0XX

Exhibit B of Schedule A to Project Approval Order No. OSR004 Project Wells

1. Crude Bitumen Production Wells

Well Name	CPA Format Well ID	Drilling Completed
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2. SAGD Injection Wells

Well Name	CPA Format Well ID	Drilling Completed
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3. Observation Wells

Well Name	CPA Format Well ID	Drilling Completed
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4. Delineation Wells

Well Name	CPA Format Well ID	Drilling Completed
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5. Water Source Wells Located off Project Lands

Well Name	CPA Format Well ID	Drilling Completed
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6. Disposal Wells

Well Name	CPA Format Well ID	Drilling Completed
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