



PENGROWTH ENERGY CORPORATION
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December 23, 2013

Mr. Steve Thomas
Section Leader, In-situ Oil Sands
Energy Applications Branch
Alberta Energy Regulator
Suite 1000, 250 – 5 Street SW
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Ms. Corinne Kristensen
Team Lead
Environmental Assessment
Northern Region
Environment and Sustainable Resource Development
4999 – 98 Avenue
Edmonton, AB T6B 2X3

Dear Sirs & Madam:

**RE: Pengrowth Energy Corporation - Lindbergh SAGD Expansion Project
Application for Approval and Environmental Impact Assessment**

Pengrowth Energy Corporation (Pengrowth) is proposing to expand its existing Lindbergh oil sands development located approximately 24 km southeast of Bonnyville, Alberta. The Lindbergh SAGD Expansion Project (the Project) will increase production from 1,987 m³/day (12,500 barrels per day (bpd)) to 4,770 m³/day (30,000 bpd) of bitumen for approximately 25 years. The expansion components for the Central Processing Facility (CPF) will be built within the existing CPF footprint. Over the life of the Project, a number of well pads, borrow pits and access roads will be required to maintain production.

Pengrowth hereby submits the enclosed application and environmental impact assessment for the Lindbergh SAGD Expansion Project to the Alberta Energy Regulatory (AER) and Alberta Environment and Sustainable Resource Development (ESRD).

With this submission Pengrowth is requesting the following from the AER:

- amend the existing *Oil Sands Conservation Act* Approval No. 6410I to expand the Project Area and Development Area; approval to construct and operate the Project which will include well pads and associated well pairs, all in accordance with the *Oil Sands Conservation Act* and the *Oil Sands Conservation Regulation*; and
- construct and operate a distribution and gathering pipeline system within the expanded Development Area in accordance with the *Pipeline Act*.

With this submission Pengrowth is seeking review of the Environmental Impact Assessment (EIA) Report that is being submitted pursuant to Sections 49 and 50 of the *Alberta Environmental Enhancement and Protection Act* and for a Decision by the Director that the

Report is complete pursuant to Section 53 of the *Alberta Environmental Enhancement and Protection Act*. In accordance with the *Guide to Preparing Environmental Impacts Assessment Reports in Alberta* the approval applications will be provided as a stand-alone volume separate from the EIA.

Correspondence respecting this submission should be directed to:

Mr. Steve De Maio, Vice President, In Situ Oil Development and Operations
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Sincerely,

Pengrowth Energy Corporation



Steve De Maio
Vice President, In Situ Oil Development and Operations