Dear Mr. Thomas, Mr. Banerjee and Ms. Kristensen:

Re: Integrated Application for Laricina Energy Ltd. Germain Project Expansion

Laricina Energy Limited ("Laricina") hereby applies to the Energy Resources Conservation Board and Alberta Environment and Water to amend the existing Germain Commercial Demonstration (Phase 1) approval to include the Germain Project Expansion (Project).

The Project is located within the Municipal District of Opportunity No.17 in Townships 84 and 85, Ranges 22 and 23, West of the 4th Meridian (W4M), approximately 46 kilometres northeast of Wabasca-Desmarais, Alberta and will use in situ technologies such as Steam Assisted Gravity Drainage (SAGD) and Solvent Cyclic-Steam Assisted Gravity Drainage (SC-SAGD) to recover bitumen from the Germain leases.

The proposed Project will consist of three phases and will increase production from the Germain leases by 23,848 m$^3$/day (150,000 bbls/d), from the currently approved production level of 795 m$^3$/day (5,000 bbls/d) for a total of 24,643 m$^3$/day (155,000 bbls/d). Phase 2 will consist of a CPF, infrastructure and well pads and will increase production by 4,770 m$^3$/day (30,000 bbls/d). Phases 3 and 4 will each consist of a CPF, infrastructure and well pads, and each will increase production by 9,539 m$^3$/day (60,000 bbls/d).

Approvals for all three phases are requested under this Integrated Application.

Laricina plans to amend its existing approvals and is seeking the following approvals from:

**Energy Resources Conservation Board (ERCB) for:**

- Approval to amend ERCB Scheme Approval - No. 11509B to expand the Germain Development by an additional 23,848 m$^3$/day (150,000 bbls/d) of bitumen, pursuant to Sections 10 and 11 of the Oil Sands Conservation Act and Sections 3 and 33 of the Oil Sands Conservation Regulations; and,

- Approval of the requested Project Area required to provide bitumen for the life of the Project.

In accordance with the *Guide to Preparing Environmental Impacts Assessment Reports in Alberta* (AENV 2011) the approval applications have been provided as a separate stand-alone volume separate from the EIA.
Alberta Environment and Water (AENV) for:

- Approval of the Environmental Impact Assessment (EIA) Report submitted pursuant to Section 50 of the Environmental Protection and Enhancement Act (“EPEA”) and for a Decision, in due course, by the Director that the Report is complete pursuant to Section 53 of the EPEA;

- Amendment to the existing EPEA Approval No. 242701-00-01, under Division 2 of Part 2 and Section 66 of the Alberta Environmental Enhancement and Protection Act, to construct and operate the project including facilities to recover and treat bitumen and processed water; and

- Amendment to the existing EPEA Approval No. 242701-00-01, as required under the Conservation and Reclamation Regulation (pursuant to Part 2, Division 2 and Part 6 of the Alberta Environmental Enhancement and Protection Act), to develop, operate and reclaim the various components of the Project.

Correspondence concerning this application should be directed to the above address to the attention of:

    Deepa Thomas, B.Sc.
    Manager – Regulatory and Environmental Performance
    Laricina Energy Ltd.
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A public consultation program for the Project is on-going and is described in detail in Part F of the Application.

Enclosed are soft and hard copies of the Integrated Application.

Respectfully yours,

Laricina Energy Ltd.

Deepa Thomas, B.Sc.
Manager – Regulatory and Environmental Performance

cc: Camille Almeida – Alberta Environment and Water
    Dave Theriault, Sr. VP In-Situ and Exploration